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TRANSACTIONS

OF THE

BOARD OF TRUSTEES

July 1, 1948, to June 30, 1950

HARRISON EDWARD CUNNINGHAM
Secretary

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VERNON L. NICKELL, Superintendent of Public Instruction.....Springfield

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(Term 1945-1951)

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DR. KARL A. MEYER.....Cook County Hospital, Chicago 12
KENNEY E. WILLIAMSON.....606 Lehmann Building, Peoria 2

(Term 1947-1953)

JOHN R. FORNOF.....122 S. Bloomington Street, Streator
MRS. DORIS S. HOLT.....330 E. Sixth Street, Flora
PARK LIVINGSTON.....20 North Wacker Drive, Chicago 6

(Term 1949-1955)

WIRT HERRICK.....120½ E. Main Street, Clinton
ROBERT Z. HICKMAN.....1202 First National Bank Building, Danville
MRS. FRANCES B. WATKINS.....5831 Blackstone Avenue, Chicago 37

Officers of the Board

KENNEY E. WILLIAMSON, President.....Peoria
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LLOYD MOREY, Comptroller.....Urbana

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

July 21-22, 1948

The July meeting of the Board of Trustees of the University of Illinois was held on Wednesday, July 21, and Thursday, July 22, 1948, at the Illini Union Building, in Urbana, according to the following schedule:

July 21, 8:15 p.m. — Executive session as in Committee of the Whole.

July 22, 9:30 a.m. — Open session.

When the Board convened, the following members were present: President Fornof, Mrs. Holt, Mr. McKelvey, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mr. Williamson. Mr. Livingston took his place with the Board soon after the meeting began.

Provost C. R. Griffith was present, acting for President Stoddard; also Vice-President A. C. Ivy, Secretary H. E. Cunningham, Comptroller Lloyd Morey, Legal Counsel W. E. Britton, and, during part of the evening, Director D. E. Dickason, Architect E. L. Stouffer, and Mr. N. C. Farr.

MATTERS PRESENTED BY THE PROVOST

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

HEADSHIP OF THE DEPARTMENT OF ART

(1) The President of the University has approved the following request from Professor Frank J. Roos, Jr., of the Department of Art:

"This is to request that I be relieved of my duties as Head of the Department of Art, as of September 1, 1948. By continuing as Professor of Art, I will be able to resume my research which, I feel, has been too long interrupted."

The President has appointed Professor Allen Weller, Chairman, Professor C. V. Donovan, and Associate Professor James Shipley as a Committee to administer the Department of Art beginning in September, 1948.

Confirmation of these administrative changes is requested.

On motion of Mr. Nickell, these changes were approved and confirmed.

PROPOSED AGREEMENT WITH REGARD TO OPERATING ENGINEERS IN CHICAGO DIVISIONS

(2) Following the Board's action on June 15, 1948 (Minutes, page 1153), I have carried on negotiations with Mr. Anthon J. Imhahn, President of Local 399 of the International Union of Operating Engineers, with the assistance of Mr. Donald E. Dickason, Director of Nonacademic Personnel, Mr. Paul Hartley, Associate Director, and Mr. Charles E. Reid, Assistant Chief Operating Engineer at the Chicago Professional Colleges. After long face-to-face discussions followed by telephone conversations, there is an unofficial agreement on the following proposal:

That the basic rate of pay for the operating engineers be $2.25 an hour, with the option of a 48-hour week straight time, the hourly rate to become effective as of July 1, 1947, but the payment of the differential to be on the basis of the 40-hour week which was in effect to July 1, 1948. It is understood that consistent and proportional changes will be approved for chief or supervisory engineers.

On the assumption that official confirmation will have been received from the Union officials, I recommend approval.

Perhaps a few words of explanation would be helpful. On a 40-hour week the new rate comes to $390 a month; on a 44-hour week, $430 a month; and on a 48-hour week, $470 a month. It will be recalled that the average hourly rate for the four hospitals listed is $1.63; for the four universities, $1.71; for the six public institutions (exclusive of the Housing Authority, which was low), $2.35. The average rate for the business and industrial enterprises in the City of Chicago is $2.00. Our offer, therefore, falls between the rates prevailing in private institutions and those in the other public institutions. Director Dickason and Director Havens are agreed that no lay-offs are contemplated under the new wage scale.

The main thing accomplished by the proposed agreement is that we shall not be tied to a utilization of any political subdivision as a bench mark for establishing this wage scale. In arriving at the figure of $2.25, what we have done is to average the other hospitals and universities and the political subdivisions in determining the new scale. I am pleased to report that Mr. Imhahn has acted in good faith throughout these proceedings and I believe that we have a basis for labor peace on this front. I recommend, therefore, that the above proposal be adopted.

On motion of Dr. Meyer, this proposal was adopted as recommended.

PURCHASE OF RESIDENCE PROPERTIES FOR STAFF HOUSING

(3) The purchase of additional residence properties is recommended as part of the special program of residence properties acquisitions for rental to faculty personnel previously authorized by the Board of Trustees. Houses are needed for at least two new department heads.

1. *701 West Delaware Avenue, Urbana.* The purchase of this property at a price not to exceed $30,000 is recommended. This is one of the better faculty homes

and should be kept as such. The University has secured an independent appraisal of the property which indicates that the price is very reasonable under present real estate market conditions. There is very good prospect that the house can be rented to a member of the faculty who will eventually purchase it. An appropriation of $30,000 from the General Reserve Fund is recommended.

2. *1008 South Lincoln Avenue, Urbana.* The Dean of Students and the Director of the Physical Plant recommend the purchase of this property at a cost not to exceed $30,000. The house would be used as a nurses' home to replace the present nurses' home at 1009 West Nevada Street, and this house would then be available for staff housing. Thus the purchase of this property would accomplish two objectives. The price is based on an independent appraisal secured by the University.

3. *909 West Nevada Street, Urbana.* This property is available for purchase at an appraised value of $17,500. It is in the zone of future campus expansion (for women's residence halls) along the south side of Nevada Street and is two houses east of University property at 1001 West Nevada Street. It can be used advantageously for staff housing until the site is required for other University use. However, it will not be available for several months. The present owner plans to build a new house.

4. *1209 West Illinois Street, Urbana.* The Committee on Special Appropriations and Nonrecurring Expenditures recommends the purchase of this property at a price of $16,340. It adjoins property the University has purchased at 1205-1207 West Illinois Street.

I recommend that the purchase of these properties be authorized and an appropriation of $96,340, or so much thereof as is needed, be made for the purchase price, expenses incidental to purchase, and such minor remodeling as may be found necessary to make the houses suitable for University use.

The Board has previously authorized the purchase of twelve residence properties. Some of these houses need repairing and redecorating. This fact was taken into consideration when prices were negotiated. In one case the Board made a specific assignment of $3,000 for major repairs, but no provision was made for such work on other properties. There is an unexpended and unencumbered balance of $10,860 in these appropriations. I recommend that the Board authorize the use of this money for repairs and improvements on properties acquired under this program.

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

PURCHASE OF PROPERTY AT 601½ EAST SPRINGFIELD AVENUE, CHAMPAIGN

(4) The Board of Trustees has approved the site between Wright Street and Sixth Street, and the south side of east Springfield Avenue, Champaign, for the new Water Survey Building to be built by the Department of Registration and Education. Construction on the first unit will begin in the near future. Two properties have been purchased. The Department expects to construct an addition during the 1949-1951 biennium and additional land will be needed. For this purpose the Director of the Physical Plant Department and the chairman of the University Building Program Committee recommend the purchase of the property at 601½ East Springfield Avenue, Champaign, at a price of $8,000.

I concur in this recommendation and recommend a special appropriation for this purpose.

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

At this point, Mr. Livingston took his place with the Board.

PROPOSAL FOR TEMPORARY ADMINISTRATION AND STUDY OF THE INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS

(5) On August 5, 1947 (Minutes, page 493), the Board of Trustees, consistently with House Joint Resolution No. 17, Sixty-fifth General Assembly, which recommended to the University that it establish a "Curriculum in Government," and on recommendation of the President of the University, established the Institute of Government and Public Affairs. The functions and plan of organization were laid out briefly. Professor H. M. Gray, Professor of Economics and Associate Dean of the Graduate College, was appointed Director.

After a review of the work in this area and with the endorsement of all the parties concerned, I now recommend a temporary change in the administrative organization of the Institute. I believe that such a change will permit us to present a united front as we seek the best talent in this field and that it will enable us better to study the internal organization of the Institute. Thus far it has been difficult to evaluate the respective functions and responsibilities of the Institute in relation to the Department of Political Science and the College of Commerce and Business Administration. Officers of instruction and administration have attempted to find a solution, but I am convinced that what we need now is a re-examination of the basic structure of the Institute.

Professor Clarence A. Berdahl, who will be on a sabbatical leave for the first semester of 1948-1949, has asked to be relieved of his duties as Chairman of the Department of Political Science in accordance with the plan approved in the Department some years ago of placing the chairmanship on a rotating basis. In a separate memorandum I am recommending that Professor Charles M. Kneier be appointed Chairman of the Department to serve out the present biennium. These two actions are in themselves unrelated to the Institute of Government and Public Affairs, except that I am requesting Professor Kneier to serve also as Acting Director of the Institute for the coming year and he is willing to add this to his new duties.

In the meantime, Professor Gray has expressed the desire to return to his professorship in Economics in order that he may resume his program of research in that field and has asked to be relieved of his administrative duties. Dean Howard R. Bowen is anxious to have Professor Gray return to this area on a full-time basis and Dean Louis N. Ridenour of the Graduate College is willing to search for a new Assistant or Associate Dean. Concurrently with these changes, I am asking that the Advisory Committee to the Director of the Institute, of which Dean Bowen is Chairman, devote considerable time during the coming year to an analysis of the functions and organization of the Institute of Government and Public Affairs, with special reference to its administrative status.

The basic question, as I see it, is this: Should the Institute continue to be organized on a broad horizontal basis, drawing directly upon many departments and outside resources, or should it be set up as a specialized agency of the Department of Political Science, perhaps somewhat analogous to the Bureau of Research and Service in the College of Education or the Bureau of Economic and Business Research in the College of Commerce? Under either plan I feel that we should develop the professional work and the public services of the Institute along the lines approved by the Board of Trustees in 1947. We have no desire to weaken the basic plan, but only to strengthen it.

Accordingly, I recommend that Professor Charles M. Kneier be appointed Acting Director of the Institute of Government and Public Affairs for the period beginning September 1, 1948, and ending August 31, 1949.

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

LEASING OF PROPERTIES OFF CAMPUS

(6) The University is faced with an acute problem of finding space for various activities, and especially for 1948-1949. The delays in the building program plus the development of the instructional and research programs have carried the University beyond the amount of space which will be available in University buildings. The vicinity surrounding the University has been canvassed in an effort to secure rental quarters. This has resulted in the following offers:

1. *704 South Sixth Street, Champaign.* — Second floor. A business property

one block from the campus and immediately west of Illini Hall and Arcade Building properties. Contains approximately 5,500 square feet. Admirably suited and satisfactorily located for the Institute of Labor and Industrial Relations. Rental, $408.33 a month. Minimum lease period, five years. University to pay portion of heat and operating expense estimated at $600 a year.

2. *514 East John Street, Champaign.* — Second floor. One block west of campus. Contains approximately 1,200 square feet. Rental, $150 a month for a term of five years.

The Physical Plant Department and the Provost have examined these properties and report them satisfactory for University use and at reasonable rentals.

Because of constitutional limitations, it is impossible for the University to make a lease which runs beyond the end of a biennium without reserving the right to cancel at that date. The owner of the Sixth Street property, W. B. Hayes, refuses to take a lease of this kind. He is willing to take a lease from the University of Illinois Foundation, which may make a straight five-year lease. The Foundation may then lease it to the University under conditions which the University can meet. There is reason to believe that the University will carry through this lease for the full five-year period.

The area on South Sixth Street would provide for all activities of the Institute of Labor and Industrial Relations such as office space, seminar room, and library. It would require an additional appropriation of $2,290 for operating expense and an appropriation for remodeling to be requested at a future meeting of the Board of Trustees.

It is planned to use the area on East John Street for the student publications staff. This would release their present area for the new tabulating equipment now on order. An appropriation of $800 a year for operation would be required. Some minor remodeling would be necessary but detailed plans have not progressed sufficiently to present an estimate of the amount at this time.

I recommend that (a) the leases be approved, (b) the University of Illinois Foundation be requested to lease the Sixth Street property for sublease to the University, and (c) appropriations be made for operation and rentals as follows: operation, $3,090 a year, rentals, $6,700 a year, and that an appropriation not to exceed $25,000 be made for necessary alterations to prepare the space for use by the Institute.

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

IMPROVEMENTS IN THE PRESIDENT'S HOUSE

(7) The Executive Committee reports that on recommendation of the Provost of the University an assignment of $28,305.97 was made for remodeling and other improvements in the President's House, viz.:

a. The completion of the east portion of the third floor so as to provide a suite of two bedrooms with adjoining bath.

b. The completion of adjoining space as a sewing room and the construction of shelving for a storeroom.

c. Improvements in the ladies' and men's rooms on the first floor, including a new lavatory.

d. A full length extension of the garage to be built on the south side of the present garage.

The Committee also authorized awards of contracts for this work as follows:

General work — Clarence Siems, Urbana	$18 980 00
Plumbing, heating, and ventilating — Reliable Plumbing and Heating Company, Champaign	3 234 00
Electrical work — Fedco Electrical Contractors, Inc., Danville	641 97
Plumbing fixtures — to be purchased	550 00
Cleaning and moving — to be done by Physical Plant Department labor	250 00
Landscaping — to be done by Physical Plant Department	150 00

Architectural and engineering service — reimbursement to Physical Plant Department for salaries and other expenses already incurred	2 300 00
Contingencies	2 200 00
	$28 305 97

On motion of Dr. Meyer, this report was received for record.

RESOLUTION CONCERNING HOUSING FOR FACULTY OF CHICAGO PROFESSIONAL COLLEGES

(8) The following resolution endorsing construction of an apartment building at the northeast corner of Harrison Street and Ashland Boulevard, Chicago, is presented:

Whereas, there is a great need for housing facilities for faculty members, staff, and employees at the Professional Colleges in Chicago;

Whereas, it is understood that a group of individuals are interested in constructing an apartment building to contain approximately 120 apartments on a vacant plot of ground which is adjacent to the campus of the Professional Colleges and also adjoins but is not within the Medical Center District;

Whereas, it may be possible if such a building is constructed that the owners might be willing to give priority to University personnel in renting apartments in the building; and

Whereas, in the opinion of the Board of Trustees the construction of such a building with rental priority to University faculty, staff, and employees would alleviate to some extent the need for housing in the area,

Now therefore, be it and it is hereby resolved by the Board of Trustees of the University of Illinois as follows:

1. That the Board of Trustees endorse the construction of the building described at the location indicated, and

2. That the Board of Trustees of the University of Illinois request that, if the building is constructed, faculty, staff, and employees of the University be given preference in the rental of apartments in the building, it being suggested that this preference amount to a ten-day optional period for renting such apartments in advance of the offering to the general public to rent.

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

HOUSING FOR CHICAGO PROFESSIONAL COLLEGES

At this point, Dr. Meyer made a report of progress on the consideration of housing for staff, students, and nurses in the Chicago Professional Colleges, and requested Mr. Farr to discuss the projects.

Mr. Farr presented the following summary of financial information:

SUMMARY OF FINANCIAL INFORMATION
CHICAGO BUILDING PROJECTS

	Project 1 Multiple Story Apartment	*Project 2 Adjacent Properties*	*Project 3 Combined Project (1 and 2)*	*Project 4 Student Residences*
1. Total Capital Expenditures (excluding land; $50,000 additional required for land purchases)	$1 443 518	$ 87 065	$1 530 583	$2 256 150[2]
2. Estimated net income available for debt service	59 467	10 383	69 850	66 221
3. Amount which can be amortized (4%-25 yrs.)	929 200	162 200	1 091 400	1 034 700
4. Deficiency in funds	514 318	75 135[1]	439 183	1 221 450
5. Annual debt service required for full loan (4%-25 yrs.)	92 385	5 572	97 957	144 394
6. Annual deficiency in amount available for Debt Service	32 918	4 811[1]	28 107	78 173

[1] Excess over minimum required. [2] Includes $285,000 furnishings.

Mr. Farr recommended that the University approve the project and offer to purchase land from the Medical Center Commission, as a site, for $50,000; and that the Foundation be requested to apply to the Equitable Life Assurance Society for a loan.

After discussion, and on motion of Mr. Livingston, the Board took action, by unanimous vote of record, as follows:

I. The proposed project was approved, on condition that it can be set up on substantially the basis presented.

II. The offer to purchase land for $50,000 from the Medical Center Commission was authorized, and funds were appropriated to cover the purchase.

III. The University of Illinois Foundation was requested to apply for a loan to cover the total cost of construction, excluding land, the details to be approved by the University, including an agreement to lease the properties from the Foundation for an annual rental equal to the debt service.

IV. The Committee on Chicago Departments was authorized to negotiate and recommend to the Board arrangements with architects for the preparation of plans and other matters necessary for the completion of the project.

WAIVER OF PATENT POLICY IN RESEARCH CONTRACTS WITH UNITED STATES GOVERNMENT

(9) The Executive Committee of the Board of Trustees has informally approved the inclusion of the following patent clause in contracts with the United States Government involving funds supplied by the Atomic Energy Commission. Such provision is contrary to the University policy on patents, but is necessary due to Federal Statute governing the Atomic Energy Commission; and, if the University is to continue research work with funds provided by such Commission, such patent provision must be accepted.

"(1) With respect to each Subject Invention within the scope of this paragraph made by employees of Contractor, except clerical and manual labor personnel who will not have access to technical data, the Contractor shall furnish the United States Atomic Energy Commission (hereinafter in this paragraph called 'the Commission') with complete information thereon. The Commission shall have the sole power to determine whether or not and where a patent application shall be filed and to determine the disposition of the title to and rights under any application or patent that may result. The judgment of the Commission on these matters shall be accepted as final; and the Contractor agrees to obtain the execution of and deliver to the Commission all documents relating to each such Subject Invention and do all things necessary or proper to carry out the judgment of the Commission.

"(2) No claim for pecuniary award or compensation under the provisions of the Atomic Energy Act of 1946 shall be asserted by the Contractor or its employees with respect to any such Subject Invention.

"(3) Except as otherwise authorized in writing by the Commission the Contractor will obtain patent agreements to effectuate the purposes of subparagraphs (1) and (2) of this paragraph from all persons who perform any part of the work under this contract, except clerical and manual labor personnel who will not have access to technical data.

"(4) Except as otherwise authorized in writing by the Commission the Contractor will insert this paragraph in all subcontracts."

Confirmation of the action of the Executive Committee in authorizing the inclusion of such section in government contracts is requested.

On motion of Mr. Livingston, the inclusion of these sections in government contracts was approved and confirmed.

CONSTRUCTION AND FINANCING OF GRADUATE STUDENT-STAFF APARTMENT PROJECT AT URBANA

(10) The General Assembly has appropriated (S.B. 662) the sum of $400,000 for student and staff apartments at Urbana. An additional sum of $251,700 was appropriated by the Board of Trustees (Minutes, January 8, 1948, page 960). The University owns the site of these apartments (southeast corner of Green Street and Goodwin Avenue, Urbana) which is valued at $78,300. Plans and specifications have been completed by Skidmore, Owings, and Merrill of Chicago.

Bids for the construction of this project were received July 7. A summary of construction bids and budget for the projects is submitted for (a) the complete project of two six-story and two three-story buildings, (b) one-half of the project consisting of one six-story and one three-story building, and (c) the two six-story buildings.

SUMMARY OF CONSTRUCTION BIDS AND BUDGETS

(All figures include cost of completion bonds and are based on completion by September, 1949)

	Two six-story and two three-story buildings (Complete Project, 213 apartments)	*West one six-story and one three-story building (106 apartments)*	*Two six-story buildings (189 apartments)*
General work—John Felmley Co.	$1 713 970 00	$ 910 969 50	$1 451 370 00
Electrical work—Leverenz Electric Co.	112 719 03	57 169 03	101 104 03
Plumbing work—Eugene M. Hays	238 152 95	121 357 56	207 347 95
Heating work—Bellis and Miller	185 676 38	105 987 38	166 549 00
Ventilating work—Bellis and Miller	14 180 40	7 211 40	8 322 40
Elevators—Otis Elevator Co.	39 964 77	20 300 52	39 964 77
Totals	$2 304 663 53	$1 222 995 39	$1 974 658 15

A condensed budget for each of the above three combinations of units is as follows:

Capital Costs:			
Building and site development	$2 696 104 00	$1 487 342 00	$2 338 998 00
Equipment and furnishings	218 820 00	109 160 00	184 600 00
Land	78 300 00	78 300 00	78 300 00
Total Capital Costs	2 993 224 00	1 674 802 00	2 601 898 00
Funds available (including land at $78,300)	730 000 00	730 000 00	730 000 00
Balance needed	$2 263 224 00	$ 944 802 00	$1 871 898 00

Funds required for the total cost are expected to be raised by a self-liquidating loan. Inquiry has been made of all lending agencies who, on an earlier survey, indicated that they would be interested in considering a loan on this project. Only three proposals have been offered. The only proposal which would make possible the financing of the project in any form and which is feasible from an amortization standpoint, is that offered by Salk, Ward, and Salk, Inc., of Chicago, on behalf of the Great West Assurance Company of Winnipeg, Canada. This proposal, subject to final approval by the Company, is for a loan of $900,000, at 4 per cent, payable serially over a period of 25 years, to be a mortgage loan to the University of Illinois Foundation, with a commission of 1½ per cent, payments to be made during construction, prepayment up to 10 per cent in any year

without premium, or at 2 per cent premium sixth to tenth years and 1 per cent premium thereafter for entire loan.

This offer is below the budget estimate of cost of the project by $44,802, but the architects believe that an adjustment in cost can be made to bring the total outlay within this amount of funds. It exceeds the operating budget of the project by $2,403 a year, but this is based on an allowance of 5 per cent for vacancy which is believed to be liberal. (It should be noted that this budget does not allow for the payment of local property taxes on this project.) This offer is based on the construction of one-half of the total project including one six-story and one three-story building.

Arguments can be made against going ahead with this proposal at this time. They are: (a) the very high cost of construction, (b) the close margin of net operating income available for debt service, and (c) possible deficit if local property taxes become payable.

In favor of going ahead with the project, however, are the following facts: (a) a fund has been appropriated for this purpose by the General Assembly and is available for the current biennium, (b) an acute need for additional housing facilities for staff and graduate students still exists, (c) the site is owned by the University, (d) there is no assurance that construction cost will be decreased in the near future, and (e) if the project can be initiated and half completed during this biennium, there is a possibility that funds can be secured for the remainder during the succeeding biennium.

In view of all these considerations, the Director of the Physical Plant Department, the Comptroller, and the Provost recommend:

1. That awards be made to the low bidders for the construction of one-half of this project for total contracts of $1,222,995.39, an estimated total cost of $1,674,802.

2. That the offer of Salk, Ward, and Salk, Inc., Chicago, for a loan of $900,000 be approved.

3. That the University of Illinois Foundation be requested to cooperate in the completion of this financing.

I concur in these recommendations.

The Comptroller presented this matter.

The Legal Counsel commented on the matter of taxation.

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

AWARD OF CONTRACTS FOR MATERIALS FOR UTILITIES DISTRIBUTION SYSTEM TO THE STAFF-STUDENT APARTMENTS

(11) Bids have been received for materials to be used in the construction of the Utilities Distribution System tunnel east on Illinois Street from Mathews Avenue to supply the proposed Staff-Student Apartment project, viz., steam piping and insulation. It is recommended that the lowest bids be accepted. The awards will be made with the understanding that if bids for the tunnel construction, to be received July 23, establish conditions which can not be met, or that if for any reason the Staff-Student Apartments themselves can not be constructed, these two contracts will not be executed.

The lowest bidders are as follows:

Division "L" — Reliance Welding and Heating Company, Galesburg $12 368

Division "K" — Asbestos & Magnesia Materials Company, Chicago 6 958

Funds are available in the Utilities Distribution System project for this work.

I concur in this recommendation and request that the Comptroller and Secretary of the Board be authorized to execute the contracts as recommended, subject to above condition.

On motion of Mr. Williamson, this award was made and authority was given as recommended.

ESTABLISHMENT OF BASIC RATES FOR JANITOR SERVICE AT URBANA-CHAMPAIGN

(12) After various discussions in which Director Dickason took part and in which the President joined on one occasion, the following agreement between the University and the Union is desirable:

The present $1.35 rate shall be maintained and accepted by the University and the Union for two years beginning July 1, 1948, and ending June 30, 1950, with the understanding that if during that period the composite rate for janitors' wages reaches or goes above $1.35, the University rate will at that time be tied to the composite janitor rate and shall rise and fall thereafter as it rises and falls.

If by June 30, 1950, the composite janitor rate has not yet reached $1.35, the University and the Union will reopen negotiations for the purpose of establishing a mutually satisfactory basis for fixing the University wage rate thereafter.

This plan will mean that we will not reduce the janitors' pay prior to June 30, 1950, but will reserve the right to negotiate at that time for establishing a new base related to the composite rate for janitors. In accordance with the action of the Board already taken, it divorces the janitors' rates from the rates for Class B Common Labor.

I recommend that such an agreement be approved.

Director Dickason commented on this matter.

On motion of Mr. Nickell, this agreement was approved.

INSURANCE ON HOSPITAL AND MEDICAL SERVICE PLAN

(13) On April 29, 1943, the Board of Trustees established a uniform hospital and medical service fee to be assessed against all students in the Urbana-Champaign departments. At later dates this requirement was extended to the Chicago and Galesburg Undergraduate Divisions.

The Board also approved the recommendation "that at least for the first two or three years, the Board of Trustees authorize the carrying of insurance to cover its obligations under this plan. Later, if it is clear that the proposed fee is adequate, insurance protection can be eliminated."

Each year since that time an insurance policy has been purchased to underwrite the obligation of the Board for the services offered to students under this fee. In the intervening years a considerable surplus has accrued to the University from the operations of the fund (the amount now exceeds $100,000). Each insurance company carrying the insurance also has had an ample margin over and above costs.

Handling these services through a commercial insurance company involves a material amount of added labor. It also involves added cost of insurance company administration as well as profit retained by them. Experience with the plan is now adequate and the accumulated reserves sufficient to justify the University in assuming this risk and obligation itself.

The Legal Counsel has reported to the Department of Insurance this contemplated change in policy. It is proposed that the buying of insurance to cover this plan be eliminated.

On motion of Mr. Nickell, this matter was referred to the Finance Committee for consideration and report.

HANDLING OF PETTY CASH AND WORKING FUNDS AND SECURITIES

(14) The State Statute governing the organization of the University (approved February 28, 1867, as amended) provides that at each biennial meeting "it shall be the duty of the Board to appoint a Treasurer who shall not be a member of the Board and who shall give bonds with such security as the Board of Trustees shall deem amply sufficient to guard the University from danger of loss or diminution of the funds entrusted to his care."

Article VI, Section 4 of the By-Laws of the Board of Trustees (adopted 1908) provides as follows: "The Treasurer shall be the custodian of all the funds and securities belonging to the University."

On February 10, 1932 (Minutes, page 537), the Board of Trustees approved a contract with the First Union Trust and Savings Bank (later merged with

the First National Bank of Chicago) which provides that all securities representing permanent investments of the University are to be held for safekeeping by that Bank.

The Statutes of the University (approved 1936) contain the following provisions:

SECTION 50B:

(1) No department shall receive any funds unless authorized by the Comptroller to do so. All funds shall be accounted for and paid over to the Bursar in such manner and at such times as the Comptroller shall direct.

(2) The Bursar shall collect all moneys due the University from any source and shall turn over the same in full to the Treasurer or to the State Treasurer as required by law as soon as practicable after collection.

SECTION 50E:

(1) The Comptroller is authorized to establish and administer petty cash funds where necessary for the prompt and efficient handling of university business, providing that no single fund of more than $1,000 may be established without specific action of the Board of Trustees, and provided further that all persons in whose hands a petty cash fund is placed shall be bonded in satisfactory amount. The Board shall designate the banks in which petty cash funds may be deposited and require that persons to whom petty cash funds are advanced make deposits in the banks designated.

Under this authority, the following funds have been maintained in bank accounts other than that in the name of the University Treasurer:

Urbana — C. C. DeLong, Bursar, Trevett-Mattis Banking Co., Champaign	$ 60 000
Chicago Professional Colleges — H. A. Hazleton, Business Manager, First National Bank of Chicago	15 000
Chicago Undergraduate Division — H. A. Hazleton, Business Manager, First National Bank of Chicago	5 000
Galesburg Undergraduate Division — W. J. English, Business Manager, First Galesburg National Bank and Trust Company	35 000
Cook County Experiment Station — J. P. McCollum, First National Bank of Des Plaines	200
Dairy Creamery — P. H. Tracy, Manager, Trevett-Mattis Banking Company, Champaign	400
	$115 600

These balances are used to provide a working fund for the purchase of milk and cream by the Dairy Creamery in Urbana, petty cash advances of less than $1,000 to authorized staff members, advances to the staff for salary earned but not paid by the State Auditor, travel advances, working capital to finance the cashing of salary warrants of staff and veterans' subsistence checks, and other business functions which make necessary the availability of cash at the locations indicated.

The deposit of securities for safekeeping directly with a bank and thus not in the custody or control of the University Treasurer, and the establishment of funds to provide petty cash and working capital which are also not in the custody or control of the Treasurer, are not consistent with Section 4 of the By-Laws of the Board of Trustees, as indicated above. The question recently has been raised by Mr. I. L. Porter, Treasurer, as to his personal liability in the event of a loss involving such securities or cash balances which are in fact neither in his custody nor control. The problem has been reviewed in detail by the Comptroller, Treasurer, and Legal Counsel who recommend that the By-Laws of the Board and the Statutes of the University be amended to conform to the present actual practices and needs of the University, and that thereupon an adjudication be secured from a Court of Jurisdiction to clarify the personal liability of the Treasurer under the Statutes and By-Laws thus amended in relation to the State Statute.

It is therefore recommended that:

1. Section 4 of Article VI of the By-Laws be amended to read as follows:

"After their receipt by him, the Treasurer of the University shall be the custodian of all funds of the University except such funds, for working purposes, as, from time to time, may be withdrawn from the custody of the Treasurer by

the Board of Trustees and placed in the custody of any University officer. Such working funds may be so withdrawn only in such amounts as may be necessary to provide for the efficient conduct of University business and then only upon such conditions, prescribed by the Board, as will insure their safekeeping and authorized use. The Treasurer of the University shall not be responsible for funds belonging to the University until they have been received by him nor for funds which have been withdrawn from his custody as authorized by the Board of Trustees.

"All securities belonging to the University shall be deposited for safekeeping in a bank designated by the Board of Trustees. The Treasurer of the University shall not be responsible for the safekeeping thereof."

2. Section 50B of the University Statutes, "Receipt and Deposit of Money," be amended to read as follows:

"(1) No department shall receive any funds unless authorized by the Comptroller to do so. All funds shall be accounted for and paid over to the Bursar in Urbana, or the Business Managers in Chicago and Galesburg, in such manner and at such times as the Comptroller shall direct.

"(2) The Bursar in Urbana and the Business Managers in Chicago and Galesburg shall collect all monies due the University from any source and shall turn over the same in full to the Treasurer, or to the State Treasurer, as required by law, as soon as practicable after collection."

The above subparagraphs (1) and (2) shall be subject to Article VI, Section 4 of the By-Laws of the Board of Trustees and Section 50E (1) of the University Statutes.

3. Section 50E (1) of the University Statutes be amended to read as follows:

"The Comptroller of the University is authorized to establish and administer petty cash and other working funds when necessary for the prompt and efficient handling of University business. Such funds may be so established from funds withdrawn from the Treasurer of the University or from other funds available to the University for such purposes. No single fund in excess of $1,000 may be so established without specific authorization of the Board of Trustees. Custodians of petty cash and other working funds shall be bonded in amounts satisfactory to the Board. Petty cash and other working funds shall be deposited in banks approved by the Board of Trustees. Neither the Treasurer of the University nor any other officer or employee of the University who is charged by the Board with the responsibility of administering such funds shall be liable for any loss to such funds arising from the insolvency of such depository banks, or for any reason other than his own default."

4. The working funds not in excess of the amounts indicated below be approved, to be deposited in the banks designated:

Business Office Urbana — Bursar's Fund, First National Bank in Champaign	$100 000 00
Business Office Chicago Professional Colleges — Business Manager's Fund, First National Bank of Chicago	20 000 00
Business Office Chicago Undergraduate Division — Business Manager's Fund, First National Bank of Chicago	10 000 00
Business Office Galesburg Undergraduate Division — Business Manager's Fund, First Galesburg National Bank and Trust Company	35 000 00

5. The Legal Counsel be authorized on behalf of the Board to prosecute any suit that may be required to establish the foregoing actions.

On motion of Mr. Williamson, these recommendations were approved, and the By-Laws and the University Statutes were amended as requested.

CORRECTION IN BOARD MINUTES OF MAY 22, 1948

(15) At its meeting on May 22 the Board of Trustees authorized the purchase of four residence properties for staff housing including the property at 709 West Michigan Avenue, Urbana. In negotiations with

the owner of this property it was agreed that the University would pay the 1948 real estate taxes, payable in 1949. This was erroneously reported as an agreement by the University to pay the real estate taxes due in 1948 which amount to $268.15. These taxes are for 1947 and had already been paid by the owner at the time of the negotiations. The 1948 taxes due in 1949 will probably amount to $300.

Under Illinois law the real estate tax liability is on the owner of a property as of April 1 of the tax year concerned.

It is requested that the Board authorize this correction in the minutes.

On motion of Mr. Nickell, the minutes were corrected as recommended.

APPOINTMENT OF DR. LOUIS B. HOWARD AS PROFESSOR AND HEAD OF THE DEPARTMENT OF FOOD TECHNOLOGY

(16) The President recommends the appointment of Dr. Louis B. Howard, now Chief of the Bureau of Agricultural and Industrial Chemistry, United States Department of Agriculture, as Professor and Head of the Department of Food Technology on indefinite tenure, beginning September 1, 1948,[1] at an annual salary of $11,000 for twelve months' service with one month's vacation (AY basis). The President also recommends that as a condition of this appointment Doctor Howard be permitted to do a limited amount of professional consulting work.

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

MEETING OF COMMITTEE ON AGRICULTURE, JULY 21, 1948

At this point, Dr. Meyer requested a report of the meeting of the Committee on Agriculture held earlier in the day.

Mr. McLaughlin reported orally for the Committee that the afternoon had been given over to a presentation of the building needs of the College of Agriculture by Dean Rusk and his staff, a discussion with the Public Relations Committee of the Illinois Agricultural Association, Mr. Charles B. Shuman, President, and Miss Myra Robinson, President of the Illinois Home Bureau Federation, and Mrs. John Clifton, past President of the Illinois Home Bureau Federation, now Chairman of the Home Economics Building Committee.

Dr. Meyer emphasized the inadequacy of the present facilities and urged that better provision be made for the College of Agriculture.

The Provost gave a preview of the University's askings for buildings for the coming biennium and commented on the general needs of the University.

This report was received for record.

WARNER CONSTRUCTION COMPANY CONTRACT FOR WOMEN'S RESIDENCE HALL

The Secretary of the Board of Trustees presented a letter from the Warner Construction Company, dated June 28, 1948, in which the Warner Construction Company

1. Demanded that the time fixed under the terms of its contract for the construction of the Women's Residence Hall be extended for a period equivalent to the time lost by reason of any one or all of the fourteen (14) causes for delays by it in the construction of these buildings, as alleged by it;

[1] The effective date was subsequently changed to October 1, 1948.

2. Alleged in each of these fourteen (14) specifications of delay that the causes thereof were by reason of the acts, neglect, or defaults of the Owner or Architect;

3. Also alleged that it could not be declared in default under the terms of its contract until the expiration of said extended period of time equivalent to the time lost by reason of any one or all of the causes as alleged by it; and

4. Also demanded that if its demand for extension of the contract is denied by the Board that matters of dispute or of disagreement or uncertainty be submitted to arbitration in accordance with the terms of its contract.

After discussion of the subject matter of the letter of the Warner Construction Company to the Board of Trustees, dated June 28, 1948, it was resolved that the demand of the Warner Construction Company for extension of time for completion of the contract for the construction of the Women's Residence Hall be and the same is hereby denied; that the allegations of fact in each of the fourteen (14) alleged causes for delay and the alleged causes for delay themselves be and the same are hereby denied; that the Warner Construction Company be and it is hereby declared to be in default under the terms of its contract; that its default is not excused by any provision of the contract or by any rule of law but is the result of its own acts, neglects, or omissions for which it is liable to the Owner for all damages sustained or to be sustained by it by reason of such default; that its demand that the issues, matters in dispute or of disagreement or uncertainty be submitted to arbitration be and the same is hereby denied; that all claims and counterclaims for damages sustained and to be sustained by the Owner, by reason of the default of the Warner Construction Company in failing to complete its contract in accordance with the terms thereof, be asserted against the Contractor, and that the Secretary of the Board of Trustees be and he is hereby directed to reply to the letter of the Warner Construction Company herein referred to and inform it and the bonding companies of this action.

On motion of Mr. Williamson, this resolution was adopted. Mr. Livingston asked to be recorded as not voting.

SEPTEMBER MEETING TO BE IN PEORIA

On invitation of Mr. Williamson and on motion of Mr. Livingston, the Board voted to hold the September meeting in Peoria, on a date to be determined by the President of the Board in conference with the President of the University.

The Board adjourned at 12:30 a.m.

ADJOURNED SESSION, JULY 22, 1948

When the Board convened at 9:30 a.m. for the adjourned session of July 22, 1948, the following members were present: President Fornof, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Mr. McLaughlin, Mr. Nickell.

Provost Griffith was present; also Secretary H. E. Cunningham, Comptroller Lloyd Morey, Legal Counsel W. E. Britton, and Director J. F. Wright.

MATTERS PRESENTED BY THE PROVOST

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

APPOINTMENT OF CHAIRMAN OF THE DEPARTMENT OF POLITICAL SCIENCE

(1) Professor C. A. Berdahl, who has served as Chairman of the Department of Political Science since October 1, 1942, has asked to be relieved of the chairmanship at the end of the current academic year. He will be on sabbatical leave of absence during the first semester of 1948-1949. His request is also in keeping with a policy informally agreed upon by the Department of Political Science when the chairmanship administration was adopted to put into practice a rotating service.

After consultation with members of the department, the Dean of the College of Liberal Arts and Sciences recommends the appointment of Professor Charles M. Kneier as Chairman of the Department of Political Science beginning September 1, 1948, to serve out the current biennium.

The President concurs in this recommendation.

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

CLINICAL FACULTY OF THE COLLEGE OF MEDICINE, 1948-1949

(2) A recommendation that appointments be made to the nonsalaried, or clinical, faculty of the College of Medicine for the academic year beginning September 1, 1948 (see Appendix, page 46), and that the President of the University be authorized to make such additional appointments and other changes as are desirable and necessary.

All appointments are for one year from September 1, 1948, unless otherwise indicated.

A summary by departments of the number of appointments with the comparative figures for 1947-1948 is also submitted.

On motion of Mr. McLaughlin, these appointments were made, and authority was given as recommended.

RECOMMENDATIONS FROM THE UNIVERSITY SENATE

(3) The University Senate recommends to the Board of Trustees the following changes in curricula requirements:

1. *English Requirement for Foreign Students.* Rhetoric 114 (English as a Foreign Language) and Rhetoric 115 (English as a Foreign Language) may be accepted as a substitute for Rhetoric 101 and 102 in meeting the requirements for graduation.

2. *Grade-Point Requirement for Premedical Students.* Premedical students must maintain a 3.5 average during the first two semesters in the curriculum. By the end of the third semester the average for the three semesters must be raised to 3.75 and this average must be maintained. Students who fail to meet these minimum requirements will be transferred to the General Curriculum.

3. *Grade-Point Requirement for Pre-dentistry Students.* Students applying for admission to the pre-dentistry curriculum must have ranked in the upper half of their high school graduating class. They must maintain at all times in the curriculum a minimum average of 3.5.

4. *Curriculum in Agricultural Science for the Degree of Bachelor of Science in Agriculture.* Students preparing for graduate study or for employment in certain agricultural industries in which a strong science foundation is necessary are offered two types of programs in this curriculum:

A. For students desiring preparation for advanced study in animal, plant, or soil science.

B. For students desiring preparation for advanced study in the fields included in agricultural economics.

	Program A	*Program B*
	HOURS	HOURS
General University Requirements	16	16
Group I—College of Agriculture courses	35	35
Group II—Humanities	6	56 hours from Groups II, III, IV, and V, with a minimum of 8 hours in each group and a minimum of 40 hours in any two of the groups
Group III—Social Science	6	
Group IV—Biological Science	12	
Group V—Physical Science	35	
Electives (unrestricted)	20	23
Total	130	130

5. *Requirement for Admission to the Pre-veterinary Curriculum in the College of Liberal Arts and Sciences* and the *Professional Curriculum in Veterinary Medicine.* Any freshman whose scholarship rank is in the upper half of his high school graduating class, on entering the College of Liberal Arts and Sciences, is eligible for admission to the pre-veterinary curriculum. A student transferring to this college with advanced standing must have maintained at least a 3.5 scholastic average, in terms of the University's grading system, in order to be admitted to the pre-veterinary curriculum.

Applicants for admission to the College of Veterinary Medicine must present not less than sixty semester hours of acceptable credit from a recognized college or university, exclusive of military science and physical education. The sixty semester hours must be distributed as follows:

	HOURS
Chemistry (including organic and quantitative analysis)	16
Biological science (including botany and general zoology)	8
Physics (including laboratory)	8
Foreign language	6
English composition and rhetoric	6
Electives in not less than two of the following fields: economics (including agricultural economics), fine arts, language, geography, history, literature, philosophy, political science, psychology, sociology and anthropology, speech. Approximately one-half of these credits should be in the social sciences	9
Free electives	7
Total	60

GRADE REQUIREMENT. Each applicant for admission to the College of Veterinary Medicine, whether from the University of Illinois or from another institution, must have attained in his pre-veterinary work a scholastic average of not less than 3.5, or the equivalent as determined by the University of Illinois for institutions using a different grading system. General University requirements with reference to scholarship of non-Illinois residents will apply.

ENROLLMENT LIMITATIONS. In considering applications for admission, preference will be given to candidates who are residents of Illinois and to Illinois veterans. Students are admitted only by the Director of Admissions and Records. Whenever the number of qualified applicants exceeds the number who can be admitted, selection will be made by a Committee on Admissions composed of the Director of Admissions and Records and members of the faculty of the College appointed by the Dean. When it seems desirable, the committee may refer applicants to the Student Personnel Bureau for interviews.

DEGREES. In the professional veterinary curriculum, the degree of Bachelor of Science in Veterinary Medicine will be awarded on completion of the second year of the curriculum, and the degree of Doctor of Veterinary Medicine will be awarded on completion of the four-year program.

For details of the pre-veterinary and professional veterinary curricula, see Appendix, page 60.

6. *Change in Admission Requirements to Graduate Work in Journalism.* Candidates must present an undergraduate major in journalism (20 hours) or an undergraduate major in one of the related fields of social science. Under the present requirement, candidates must present an undergraduate major in journalism (20 hours).

7. *Authorization of Advanced Degrees in Agricultural Engineering, Speech, and Aeronautical Engineering.* The University Senate recommends that the Board of Trustees authorize the establishment of the following advanced degrees for which the curricula have previously been authorized: Master of Science in Agricultural Engineering, Doctor of Philosophy in Speech, and Master of Science in Aeronautical Engineering.

I concur in the recommendations of the Senate.

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

DEPARTMENT OF SOCIOLOGY AND ANTHROPOLOGY

(4) The President reports for official record that he has authorized a change in the name of the Department of Sociology to the "Department of Sociology and Anthropology."

On motion of Mr. Nickell, this change was approved.

APPROVAL OF ACTIONS OF THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(5) The Board of Directors of the Athletic Association submit the following actions for approval:

1. An appropriation of $19,250 to purchase the residence property at 301 West Pennsylvania Avenue, Urbana.

2. An appropriation of $1,874 and award of a contract to the Bash Roofing Company to recalk all expansion joints in the south horseshoe of Memorial Stadium. (The architects, Holabird and Root, recommended for this purpose the use of Hornex, and the Bash Roofing Company is the local distributor for this product.)

3. An additional appropriation of $3,000 for the construction of a well at the new golf course. (The Board of Trustees on May 22, 1948, Minutes, page 1102, approved an appropriation of $9,000 for this purpose. It is now clear that this amount will be inadequate, and the supplementary appropriation of $3,000 is recommended.)

4. An appropriation of $6,000 for improvements in wiring and new lights for the basketball courts in the West Great Hall of the Stadium.

5. An appropriation of $250 for the purchase of championship awards for members of the baseball team.

6. A special appropriation of $3,000 for a contribution to the Alumni Association in connection with service rendered by that organization in field work.

7. An appropriation of $500 for the annual contribution to the University of Illinois Band to apply on certain expenditures in connection with the football band program.

On motion of Mr. Livingston, these actions were approved.

LEGAL SERVICES FOR WOMEN'S RESIDENCE HALL LOAN

(6) The construction of the Women's Residence Hall, Urbana, is to be financed in part by borrowing funds in the amount of $900,000. In securing such funds 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. McKelvey, the employment of Chapman and Cutler was authorized as recommended.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

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

Special equipment for University Bands	$ 8 500
Soil and Water Conservation Laboratory for Agricultural Engineering Department	8 000
Equipment for Department of Art	4 235
Equipment for Workshop for Biological Sciences	3 000
Architectural services for remodeling in David Kinley Hall	2 400
Remodeling Room 137 Natural History Building for the Geology Department	980
Audiometer for the Department of Speech	750
Total	$27 865

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

Livingston, Mr. McKelvey, Mr. McLaughlin, Mr. Nickell; no, none; absent, Mr. Davis, Mr. Green, Dr. Luken, Dr. Meyer, Mr. Williamson.

AWARD OF CONTRACTS FOR REMODELING ARMORY FOR NAVAL SCIENCE

(8) Bids have been received for general and electrical work on remodeling in the Armory to house Naval Science classroom work. The Director of the Physical Plant Department and the Comptroller recommend the award of contracts to the lowest bidders, Kuhne-Simmons Company, Inc., $15,692 for general work, and the Square Deal Electric Company, $6,864 for electrical work.

Funds are available.

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

On motion of Mrs. Holt, these contracts were awarded and authority was granted as recommended.

CONTRACTS FOR MINOR ALTERATIONS

(9) During the past two years, the Board of Trustees has approved on a year-to-year basis (Minutes, March 27, 1947, page 317; September 26, 1947, page 835) a procedure and cost plus fixed fee contracts for minor alterations and remodeling in the Urbana-Champaign division. The work under the contracts is initiated on individual order by the Physical Plant Department, approved by the Comptroller within Board appropriations for jobs which are so small, or of such a character as to make competitive bidding impractical, and not exceeding $5,000.

This procedure has proved advantageous to all parties concerned. To continue the policy, bids were received on a similar basis for the year 1948-1949.

A general analysis of the bids indicates that if the awards are made to the contractors indicated below, the lowest total cost to the University will result:

General work — Lewis S. Colbert, Urbana
Plumbing and heating — Reliable Plumbing and Heating Company, Champaign
Electrical work — Square Deal Electric Company, La Porte, Indiana
Ventilating and sheet metal work — Schroeder's, Champaign

The Director of the Physical Plant Department and the Comptroller recommend a continuation of this procedure and the award of standing contracts until June 30, 1949, to the companies indicated above.

I concur and recommend that authority be granted to the Comptroller and Secretary of the Board to execute such contracts, the Comptroller to report regularly to the Board all projects initiated under these contracts.

On motion of Mr. Livingston, these recommendations were adopted and authority was given as recommended.

ADDITIONS TO CONTRACTS FOR CHEMISTRY AND CHEMICAL ENGINEERING BUILDING

(10) The Director of the Physical Plant Department and the Comptroller recommend an increase of $4,073.83 in the contract with John Felmley Company for the general work on the Chemistry and Chemical Engineering Building. This increase is to provide for changes requested by the Building Committee of the Chemistry Department to include the furnishing and installation of removable machine platform grading in mezzanine "A" and unit operations laboratory, a stair to the pit in Room 18, and light-proof shades in Room 438.

The Director of the Physical Plant Department and the Comptroller recommend an increase of $6,936.80 in the contract with the Leverenz Electric Company for electrical work in the construction of the Chemistry and Chemical Engineering Building to provide for changes in wiring due to a change from fluorescent lighting fixtures to incandescent lighting fixtures.

Funds are available for these additions in the special State appropriation for the Chemistry and Chemical Engineering Building.

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

On motion of Mr. Nickell, these additions were approved and authority was given as recommended.

ADDITIONS TO GENERAL CONTRACT FOR ELECTRICAL ENGINEERING BUILDING

(11) The Department of Electrical Engineering has requested the following additions to the contract with the John Felmley Company for the construction of the Electrical Engineering Building:

1. Alterations in Room 219 to make it suitable for laboratory use for illumination engineering instruction.....$3 062 11
2. Acoustical materials for walls and ceilings..... 5 821 31

The Director of the Physical Plant Department and the Comptroller recommend these additions. Funds are available in the State appropriation for this building.

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

On motion of Mr. Livingston, these additions were approved and authority was given as recommended.

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

(12) The Director of the Physical Plant Department and the Comptroller recommend an addition of $2,968 to the contract with E. H. Marhoefer, Jr., Company of Chicago for the general work on the Physical Environment Addition to the Research and Educational Hospitals, to provide for the construction of a temporary machine shop.

Funds are available.

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

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

ADDITION TO CONTRACT FOR PLUMBING FOR TEMPORARY CAFETERIA AT URBANA

(13) The Director of the Physical Plant Department and the Comptroller recommend an increase of $6,827.19 in the contract with the Reliable Plumbing and Heating Company for plumbing and heating work in the construction of the Temporary Cafeteria at Urbana, to provide for the cost of connecting all food service equipment in the building.

Funds are available.

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

On motion of Mr. Nickell, this addition was approved and authority was given as recommended.

REPORT OF CHANGE IN ESTIMATES FOR ARCHITECTURAL SERVICES ON CHEMISTRY AND CHEMICAL ENGINEERING BUILDING

(14) The Board of Trustees on June 23, 1947 (Minutes, page 398), approved the extension of the contract with Graham, Anderson, Probst, and White for architectural services on the Chemistry Building to include plans and specifications for the equipment. The contract was increased on the basis of 8 per cent of the cost of the equipment, and it was estimated that the total cost of the contract would be $17,360.

This was based on the original estimate of $217,000, made two years ago, for

the cost of equipment. Bids received totalled $548,553.60, so that on the basis of 8 per cent the fee will be $43,884.29, of which 75 per cent, or $32,913.22, is due now.

On motion of Mr. Livingston, this payment was authorized.

PURCHASE OF OIL FOR TEMPORARY HOUSING

(15) The Director of the Physical Plant Department, the Comptroller, and the Director of Purchases recommend the purchase of approximately 300,000 gallons of No. 1 fuel oil to be delivered as required during 1948-1949 to the temporary housing units on the Drill Field area. The price is to be the truck-delivered price in effect at the time of delivery. The present price is 14.4 cents a gallon.

It is recommended that orders be placed as follows at an approximate total cost of $15,000 each:

Stewart Oil Company.....100,000 Gallons
Standard Oil Company.....100,000 Gallons
Ohio Oil Company.....100,000 Gallons

I concur and request approval of this purchase.

On motion of Mr. McLaughlin, this purchase was approved.

AWARD OF ENGINEERING SERVICES CONTRACT FOR OIL DISTRIBUTION SYSTEMS — TEMPORARY HOUSING

(16) The present system of distributing oil to the storage tanks in the Drill Field housing area has proved to be excessively expensive, amounting to approximately $30,000 during 1947-1948. A central fuel oil distribution system from storage tanks located on the railroad siding near the Abbott Power Plant might effect substantial savings.

The Director of the Physical Plant Department and the Comptroller recommend the employment of Neiler, Rich, and Bladen for the purpose of making studies of the engineering phase of the centralized system at a fee of 10 per cent, with the understanding that if for any reason the work should be stopped before completion they will bill the University on the basis of actual time including principals' time multiplied by three to cover overhead and profit, with a maximum fee of $3,000.

Funds are available in the special State appropriation for temporary student housing.

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

On motion of Mr. McKelvey, the employment of this firm was authorized, on condition that these studies can not be undertaken by the Physical Plant Department.

PURCHASES

(17) There are submitted herewith recommendations for purchases for approval by the Board, and purchases authorized by the President of the University (see Appendix, page 61).

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

ENGAGEMENT OF IGOR STRAVINSKY

(18) The School of Music requests approval of a contract for the services of Igor Stravinsky, distinguished composer and conductor, to conduct a performance of the University symphony orchestra in connection with the Music Festival to be held March 3, 1949, for a fee of $1,500.

Funds are available in the regular budget of the School of Music.

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

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

ROBBERY AT BUSINESS OFFICE OF CHICAGO PROFESSIONAL COLLEGES

(19) The Business Manager of the Chicago Professional Colleges reports through the Comptroller that on the morning of June 17, 1948, at about 11:00 a.m., armed robbers held up the Business Office of the University at the Chicago Professional Colleges and robbed the Business Office of the following valuables:

1. Currency and coin.....$2 238 00
2. Receipts for advances as a result of adjustments due to resignations and travel advances..... 385 27
3. Possible loss due to loss of powers of attorney authorizing the endorsement of State warrants..... 2 446 83

Item 2 represents only that portion of a total of about $800 of papers taken which it has been impossible to replace. Additional replacements may come to light on these items. Item 3 represents powers of attorney attached to receipts of authorization for endorsing salary warrants from individuals leaving the University after payrolls were prepared. These enable the cashier to replace the amount advanced and credit the difference between that and the warrant to the department to which it was originally charged. It will probably be possible to replace to a considerable degree, and perhaps fully, all of these documents.

Item 1 is completely covered by insurance but not items 2 and 3.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(20) The Comptroller's report of contracts executed between May 1 and July 10, 1948 (see Appendix, page 65).

This report was received for record.

GIFTS AND GRANTS OF FUNDS FOR RESEARCH AND OTHER PURPOSES

(21) A report of gifts and grants of funds for research and other purposes received by the University since the last report on March 9, 1948 (see Appendix, page 66).

This report was received for record.

RESOLUTIONS FROM THE ILLINOIS PHARMACEUTICAL ASSOCIATION

(22) The Illinois Pharmaceutical Association at its annual convention at Springfield on May 16, 17, and 18, 1948, adopted the following resolutions:

RESOLUTION NO. 13

Resolved: That the Illinois Pharmaceutical Association, in convention assembled at Springfield, Illinois, May 16-17-18, 1948, commends the President and Board of Trustees of the University of Illinois and Dean E. R. Serles of the College of Pharmacy for the splendid, cooperative, and cordial relations which have existed during the past year between them and the Pharmacy Advisory Committee to the College of Pharmacy, and respectfully suggest and recommend the appointment of our respected member and Past President, Harold A. Wild, to fill the vacancy created by the resignation of Dale Ruedig, as well as the reappointment of our respected member, Otto J. Pelikan, to succeed himself, and the retention of our respected members, Jack I. Reader, Ed Brown, and Charles Walgreen, Jr., as the five members of that Committee, in addition to our President as *ex officio* member of that Committee.

RESOLUTION NO. 14

Resolved: That the Illinois Pharmaceutical Association recommend to the President of the University and the Board of Trustees that facilities be established to graduate 200 pharmacists each year; be it further

Resolved: That the Illinois Pharmaceutical Association concur in and support the proposal of the University of Illinois Buildings Committee to establish a new Pharmacy Building and a Drug Plant Experiment Station, to further the adequate development of pharmaceutical education in this State; and be it further

Resolved: That the Illinois Pharmaceutical Association recommend to the President of the University and the Board of Trustees that due consideration be given to the establishment of adequate housing facilities for students immediately, in order that this disgraceful situation may be corrected; and be it further

Resolved: That the members of the Illinois Pharmaceutical Association, in convention assembled, hereby endorse the recommendations of the Advisory Committee and pledge themselves, individually and collectively, to employ every means of legitimate influence in the consummation of this important task; and be it further

Resolved: That copies of these resolutions be transmitted to Dr. A. C. Ivy, Vice-President in charge of the Chicago Professional Colleges, Dr. George D. Stoddard, President of the University of Illinois, and Mr. John R. Fornof, President of the Board of Trustees.

This report was received for record.

APPOINTMENTS TO THE COLLEGE OF PHARMACY ADVISORY COMMITTEE

(23) The Vice-President in charge of the Chicago Professional Colleges and the Dean of the College of Pharmacy recommend the appointment of the following as members of the College of Pharmacy Advisory Committee:

HAROLD A. WILD, Joliet, to replace Dale Ruedig, whose term has expired (four years beginning July 1, 1948)

OTTO J. PELIKAN, Oak Park (five years beginning July 1, 1948)

The other members of the Committee are:

JACK I. READER, Chicago, *Chairman* (one year beginning July 1, 1948)
W. EDWIN BROWN, Quincy (three years beginning July 1, 1948)
CHARLES R. WALGREEN, JR., Chicago (two years beginning July 1, 1948)
WALTER A. HARRIS, *ex officio,* President of the Illinois Pharmaceutical Association.

I concur in the recommendations of Doctor Ivy and Dean Serles.

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

AWARD OF CONTRACT FOR ELECTRICAL WORK FOR UTILITIES DISTRIBUTION SYSTEM IN CHICAGO

(24) Bids have been received for electrical work in switch room "C" in connection with the utilities distribution system installation at the Chicago Professional Colleges.

The lowest bid is considerably below others received; however, the contractor has been investigated and his financial responsibility and organization are considered satisfactory. The Director of the Physical Plant Department and the Comptroller recommend the award of the contract to the lowest bidder, the Chicago Square Z Electric Company, on the basis of their base bid of $11,543, with a 3 per cent escalation cost, making the maximum obligation $11,889.29.

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

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

AWARD OF CONTRACTS FOR REMODELING 1007 SOUTH WRIGHT STREET, CHAMPAIGN

(25) The Executive Committee of the Board of Trustees on July 1, 1948, approved a special appropriation of $27,300 for remodeling the two houses at 1007 South Wright Street, Champaign, for office quarters for the College of Education. Due to the urgency of the project, the Director of the Physical Plant Department and the Comptroller recommend that the remodeling work be done by the contractors with whom the University had standing contracts for minor building remodeling during 1947-1948. It is also recommended that the work be done on the basis of cost plus the same percentage of cost as was allowed under the standing contracts.

The contracts to be awarded are as follows:

	Estimated Cost
The Square Deal Electric Co., La Porte, Indiana	$ 2 680
Kuhne-Simmons Co., Inc., Champaign	13 328
Champaign Plumbing & Heating Co., Champaign	1 390

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

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

ADDITIONAL QUONSET HUT FOR AIRPORT

(26) The Director of the Institute of Aeronautics requests a special appropriation of $5,874.83 for the purchase of an additional quonset hut for the Airport to supplement two similar huts purchased in 1947 (Minutes, April 23, 1947, page 346). The new hut would be used as a classroom for the aircraft maintenance engineering course which has been approved and for which these facilities are needed by September. The item is not covered in the regular budget of the division. The Provost and the Comptroller endorse this recommendation.

The Director of Purchases requests authority to place the order for this building with the Harshbarger Building & Supply Company, Urbana, distributor for such buildings in this area, for one 40 by 80 foot quonset hut erected at the Airport, $5,874.83.

I concur and recommend a special appropriation of the amount required and approval of the proposed purchase.

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

EXTENSION OF LEAVE OF ABSENCE FOR PROFESSOR EDGAR L. ERICKSON

(27) At the meeting of the Board of Trustees on November 29, 1947 (Minutes, page 929), Dr. Edgar L. Erickson, Associate Professor of History, was granted a leave of absence without pay from March 1 to September 1, 1948, for service to the Department of the Army in the writing of its war history. It was anticipated that the work could be completed within that period but this has been found to be impossible. The Department of the Army has urgently requested an extension of Professor Erickson's leave to September 1, 1949, because of the critical nature of the work involved.

The Dean of the College of Liberal Arts and Sciences and the Head of the Department of History believe that Professor Erickson should be granted the leave and permitted to complete the project. I concur and recommend that his leave without pay be extended to September 1, 1949.

On motion of Mrs. Holt, this leave was extended as recommended.

AWARD OF CONTRACT FOR REMODELING HOUSE AT AIRPORT

(28) The Director of the Institute of Aeronautics recommends that the frame house acquired by the University when the Airport land was purchased and which is located close to the main hangars be remodeled into two apartments for Airport staff members. The house is now standing empty and this improvement would provide not only badly needed living accommodations for staff members but would also make it possible for a mechanic to live at the Airport and be available for night flying operations.

Funds for this remodeling are available in accumulated receipts from Airport operations and the initial expenditure would be recovered through income from rentals.

The Director of the Institute of Aeronautics and the Supervising Engineer at the Airport contacted a number of contractors concerning this work and were able to find only one who was interested in undertaking the job. Mr. J. C. Scott, Tolono, Illinois, has offered to do the work on the basis of cost plus 10 per cent with an estimated total cost of $8,500. The Director of Purchases and the Comptroller recommend the award of the contract to Mr. Scott.

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

On motion of Mr. McKelvey, this contract was approved (within the estimate of $8,500) and authority was given as recommended.

CONTRACT FOR PURCHASE OF COAL FOR URBANA-CHAMPAIGN DEPARTMENTS

(29) Coal requirements for the Abbott Power Plant at the Urbana-Champaign campus for 1948-1949 aggregate forty thousand tons of screenings. Specifications were submitted to vendors believed to be able to furnish this coal (21 concerns) and advertisements were run in Chicago papers. No bids were received on the basis of the University's specifications because no firm was willing to enter into a contract in accordance with the specifications providing for price adjustment based on coal analysis. All bids received were based on the standard type of coal contract, which does not include price adjustment on basis of analysis but provides for adjustment in the price to reflect any changes in cost of production resulting from changes in miners' wages.

The following quotations were submitted:

	Tons	*Shipping point*	*Price f.o.b. mine*	*Freight*	*Delivered cost*
Taylor-English Coal Co., Danville	44 000	Catlin	$4 20	$ 95[1]	$5 15
				98[2]	5 18
Bell & Zoller Coal Co., Chicago	12 000	Murdock	4 05	95	5 00
Lafayette Coal Co., Chicago	6 000	Pana	4 25	1 68	5 93
Blue Lake Coal Co., Catlin	22 900	Catlin	4 25[1]	95[1]	5 20
			4 75[2]	98[2]	5 73
Clarence V. Beck & Co., St. Louis, Mo.	22 000	Gillespie	4 25	1 80	6 05
Consolidated Coal Co., St. Louis, Mo.	7 500	Staunton and Mt. Olive	4 25	1 80	6 05
Southern Coal Co., St. Louis, Mo.	18 000	Breese	4 00	2 25	6 25

The above prices are based on miners' wages in effect at time of bids and are subject to any subsequent changes in such rates.

The Director of Purchases, the Director of the Physical Plant Department, and the Comptroller recommend that contracts be awarded as follows:

	Tons	*Price f.o.b. Mine*	*Freight*	*Delivered cost*	*Approximate total*
Taylor-English Coal Co.	25 000	$4 20	$ 95[1]	$5 15	$129 000
			98[2]	5 18	
Bell & Zoller Coal Co.	12 000	4 05	95	5 00	60 000
Lafayette Coal Co.	3 000[3]	4 25	1 68	5 93	17 790

Acceptance of the proposal of the Blue Lake Coal Co. is not recommended because investigation indicates that their screenings are not satisfactory.

Approval of this recommendation is requested. Under the requirements of the State constitution, the approval of the Governor is also required on such contracts.

On motion of Mr. McLaughlin, contracts were awarded as recommended.

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[1] Screenings.
[2] Mine-run.
[3] To be delivered 500 tons a month during six months ending April 15, 1949.

PURCHASE OF PYREX LABORATORY GLASSWARE

(30) Approximately 1,400 cases of Pyrex laboratory glassware will be required for use in instructional and research laboratories at the Urbana departments for the year ending June 30, 1949. This glassware is sold only through authorized dealers at prices prescribed by the manufacturer, the Corning Glass Works, and subject only to discounts which vary on quantity order. The minimum quantity price is based on a minimum of one hundred cases. The total estimated expenditure for the year is $27,000. All purchases are placed in the General Chemical Storeroom and issued from that point to the various laboratories and charged to budgetary accounts of the departments concerned.

The Director of Purchases requests authority to place orders from time to time with the following authorized dealers in this territory for approximate uniform amounts of $3,000 total for each dealer for the year, for quantities sufficient in each instance to obtain the lowest price and in accordance with the needs for additional stock from time to time.

Central Scientific Company, Chicago	$3 000
Chicago Apparatus Company, Chicago	3 000
A. Daigger and Company, Chicago	3 000
A. S. LaPine and Company, Chicago	3 000
Rascher and Betzold, Chicago	3 000
E. H. Sargent and Company, Chicago	3 000
Schaar and Company, Chicago	3 000
W. M. Welch Manufacturing Company, Chicago	3 000
Wilkens-Anderson Company, Chicago	3 000

The Comptroller concurs in this recommendation. I also concur and request approval.

On motion of Mrs. Holt, these purchases were authorized as recommended.

REMODELING ROOMS 108-113 NATURAL HISTORY BUILDING

(31) An appropriation has been requested by the College of Liberal Arts and Sciences for remodeling Rooms 108-113 Natural History Building. This is intended to give some measure of relief to the Departments of Geology and Botany. Both of these departments are very crowded at the present time. In addition, an outstanding cytogeneticist with an extensive research program is being added to the staff this fall and space must be provided for his work. The Physical Plant Department has received estimates from contractors indicating a cost of approximately $8,750.

This request was referred to the Committee on Special Appropriations and Nonrecurring Expenditures for emergency action. The Committee recommends that the work be completed at an early date; otherwise the work of these departments will be seriously impeded.

I concur and recommend an appropriation of $8,750 and request that the Comptroller and Secretary of the Board be authorized to execute the contracts necessary for this remodeling.

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

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

(32) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded the following who have made applications therefor under Section 5 of the Accountancy Act of 1943. They have presented satisfactory evidence that they are holders of valid and unrevoked C.P.A. certificates which they obtained from other states by passing written examinations, and that they have satisfied the other conditions specified in Section 5 of the Act.

LELAND LADOW BAKER (N.Y.)
WILLIAM ROSS CUSIMANO (D.C.)
LEONARD EDELSON (N.Y.)
RICHARD LEIGHTON FAIRCHILD (Mich.)
WILLIAM WAYNE FURNELL (Okla.)
HARRY LEROY STOVER (Mo.)
JACK EDWARD THOMAS (Wis.)
DANIEL PRESTON WILLIAMS (Mo.)

I concur.

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

TRANSFER OF TITLE TO VETERANS HOUSING UNITS TO UNIVERSITY

(33) The title to veterans housing units located in Champaign-Urbana is now in the Federal government. They are operated by the University under an operating agreement whereby the University submits reports of operations and remits net operating revenues.

The transfer of complete ownership and control of these units to the University was authorized by Congress under Public Law 796, signed by President Truman on June 28, 1948, such transfer to be effective on the first day of the month following the month in which the University's application is approved. A request for such a transfer must be submitted prior to October 26, 1948. This authority to transfer extends to only those units located on ground owned by the University and would not apply to those units located at Galesburg.

It is highly desirable that the University take advantage of this authority since it would make it possible to operate these units according to general University housing policies and eliminate any conflict with the policies of the Federal Public Housing Authority.

Such transfer would also relieve the University of the additional administrative expense necessary in maintaining records according to the requirements of the Federal government and submitting reports of operations to it.

The Director of the Physical Plant Department and the Comptroller recommend the adoption of the following resolution. I concur and request that the Comptroller and Secretary of the Board be authorized to sign all documents necessary to effect this transfer.

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

RESOLUTION

Whereas an act of Congress, H. R. 5710, to amend the Act entitled "An Act to expedite the provision of housing in connection with national defense, and for other purposes" (approved October 14, 1940), approved June 28, 1948, enacted that, "Upon the filing of a request therefor as herein provided, the Administrator shall relinquish and transfer, without monetary consideration, to any educational institution all contractual rights (including the right to revenues and other proceeds) and all property right, title, and interest of the United States in and with respect to any temporary housing located on land owned by such institution, or controlled by it and not held by the United States: . . ."; and,

Whereas said amendatory Act further provides, "The filing of a request under this section must be made within one hundred and twenty days of the date of enactment of the section and shall be authorized by the board of trustees or other governing body of the institution making the request"; and,

Whereas said amendatory Act further provides, "Such request shall be accompanied by an opinion of the chief law officer or legal counsel of the institution making the request to the effect that it has legal authority to make the request, to accept the transfer of and operate any property involved, and to perform its obligations under this section"; and,

Whereas the Board of Trustees of the University of Illinois, a public corporation, has heretofore acquired from the United States Government under and by virtue of the provisions of the Act approved October 14, 1940, above referred to, the following described properties:

Project Ill.-V-11246 — 275 Sectional houses

Project Ill.-V-11254 — 3 Converted T dormitories, 42 family dwelling units; 52 Two-bedroom family dwelling units, 6½ two-story S type buildings; 1 61-Man T dormitory

Project Ill.-V-11277 — 108 Two-bedroom family dwelling units, 36 one-story buildings

Project Ill.-V-11287 — 108 Two-bedroom family dwelling units, 13½ two-story S and Q type buildings

Project Ill.-V-11306 — 168 Two-bedroom family dwelling units, 56 one-story buildings; 1,312 dormitory units in 82 one-story buildings; 2 one-story buildings used as warehouses; and 2 one-story buildings used for maintenance and administrative purposes

Therefore, Be It Resolved that the Board of Trustees of the University of Illinois, a public corporation, hereby requests the Administrator to relinquish and transfer to the Board of Trustees of the University of Illinois all contractual rights (including the right to revenues and other proceeds) and all property rights, title, and interest of the United States in and with respect to the property, herein described, subject in all respects to the terms of said amendatory Act, approved June 28, 1948.

RESEARCH HOUSES ERECTED BY SMALL HOMES COUNCIL

(34) On April 24, 1947 (Minutes, page 341), the Board of Trustees approved a program for the erection of six research homes to be used for staff housing and financed in part by a research grant, in part by borrowed funds, and in part by a University appropriation. The Board also appropriated the sum of $27,950 for the University's share of a total estimated cost of $60,210. The Board increased this appropriation by $6,000 on September 26, 1947 (Minutes, page 821), which, together with adjustments in other funds, was to provide for a revised estimated cost of $67,650.

The revised estimates have proved to be inadequate. The present situation is summarized as follows:

Total revised cost	$81 427 97
Funds allocated (Board appropriation, contract funds, and borrowed funds)	70 439 04
Deficiency in funds	$10 988 93

It is proposed to meet this deficiency by allocating funds from the following sources:

Research funds for publications (the cost of the publications to be charged to the Small Homes Council Publications Revolving Account, thus releasing contract funds for construction)	$ 2 500 00
Allocation of all funds collected for indirect costs on the contract including the portion (40%) which normally would go to general income	8 238 93
Additional funds to be charged to the appropriation for Small Homes Council	250 00
Total	$10 988 93

Approval of this revised estimated cost and allocation of funds is requested.

On motion of Mr. McKelvey, this revision was approved and funds were allocated as recommended.

REAPPROPRIATION OF UNEXPENDED BALANCES

(35) The Comptroller recommends that unexpended balances in appropriations made by the Board of Trustees for services and projects not completed as of June 30, 1948 (see Appendix, page 69), be reappropriated for the fiscal year beginning July 1, 1948.

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

FARM BUILDINGS AT CARTER-PENNELL FARMS

(36) Professor J. B. Andrews, Manager of University farms, recommends that the University contract with Carl J. Steiner, Jr., Cissna Park, for the construction of a corn crib on the North Carter-Pennell Farm for approximately $4,600 and a cattle shed and concrete cattle yard floor on the South Carter-Pennell Farm for approximately $3,500.

The need for the crib has been known for some time. The old crib is beyond temporary repair and is unsafe for further use. (A letter in the files written by Professor M. L. Mosher to Dean Mumford in 1938 states the need for replacing the old crib "in the near future.") The shed on the South Carter-Pennell Farm is necessary to meet the requirements for producing Grade A milk. Much time has been spent with staff members in farm management to review location, relative investment, and capacity needs; with the Soil Conservation Service technicians to check drainage affecting location; and with Professor D. G. Carter of the Department of Agricultural Engineering and his staff to provide details of design and to check costs of construction.

Buildings built by Mr. Steiner have been inspected and his references checked. He has been found to be experienced and reliable. His over-all costs, compared with the costs for recent construction of similar buildings in this area, are considered reasonable by Professor Carter.

Funds are available in the operating account of Carter-Pennell Farms.

Professor Case, Dean Rusk, and the Comptroller endorse this request. I concur and recommend approval.

On motion of Mr. McLaughlin, the construction of these buildings was authorized as recommended.

REMODELING OF ARCADE BUILDING

(37) On September 26, 1947 (Minutes, pages 834-835), the Board approved contracts for remodeling the Arcade Building, in line with the agreement of the University to make such remodeling under the lease with John Katsinas. The previous estimate of cost of this work was $30,000, on a cost plus fixed fee basis. Actual costs will run almost $50,000 due in part to necessary changes in amount of remodeling and in part to increased construction costs.

Direction to proceed could not be given the contractor until December 2, 1947. There were further delays resulting from (a) unusually heavy rains, (b) shortage of brick masons, (c) delay in securing information from Mr. Katsinas concerning location of equipment, the latter undoubtedly due in part to serious illness in his family.

As of this date, the work required of the University has been substantially completed and the property has been turned back to Mr. Katsinas who has started the installation of new equipment. (Unexpected leakage of water has developed in the basement from an underground spring, which may require until August 15 to correct.) Mr. Katsinas has indicated that he is installing an entire lot of new equipment and making other changes which may cost in the neighborhood of $75,000. As reported to the Board on September 26, 1947, the lease still has four years to run.

Rental has been suspended during the remodeling period, beginning July 1, 1947, and will be reinstated September 1, 1948. Mr. Katsinas has indicated that he will have the restaurant in operation the first semester of 1948-1949.

This report was received for record.

ADDITION TO HEATING AND VENTILATING CONTRACT FOR AGRONOMY GREENHOUSE ADDITION

(38) The Director of the Physical Plant Department and the Comptroller recommend an increase of $1,198 in the contract with Robert Gordon, Inc., Chicago, for the heating and ventilating work on the Agronomy Greenhouse Addition. This

increase is to provide for insulating the low-pressure steam piping. It was originally planned to secure radiation from the low-pressure piping by leaving this piping uncovered. It has now been found, however, that the radiators will be adequate and that, if the pipes are left uncovered, they will render the thermostats ineffective, making temperature control difficult.

Funds are available in the appropriation for the Agronomy Greenhouse Addition.

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

On motion of Mr. McKelvey, this addition to contract was approved and authority was given as recommended.

ADDITIONAL APPROPRIATION AND AWARD OF GENERAL CONTRACT FOR REMODELING FOR LIBERAL ARTS AND SCIENCES STAFF OFFICES

(39) Estimates from contractors have been received for the cost of remodeling residences owned by the University at 402 South Mathews, 606 South Mathews (rear), and 1205 West California, all in Urbana, in order to provide office space for the College of Liberal Arts and Sciences. The Provost's Office has indicated that the need for office space in the College of Liberal Arts and Sciences is the most critical of any of the colleges. Estimates of total costs are as follows:

402 South Mathews	$ 8 500
606 South Mathews	16 600
1205 West California	10 000
Total estimated cost	$35 100

The house at the rear of 606 South Mathews will be available for a number of years and a rather complete and thorough job of rehabilitation is contemplated. The other two properties may be removed shortly to make way for future building projects. Accordingly, only improvements and remodeling sufficient to make the buildings usable are included.

On March 9, 1948 (Minutes, page 1041), the Board approved an appropriation of $28,000 for remodeling and equipment of 402, 404, and 606 South Mathews. Of this appropriation, $19,000 was for remodeling, and is available. It is proposed to remodel 1205 West California rather than 404 South Mathews for this purpose since it would provide more suitable accommodations. An additional appropriation of $16,100 is necessary to complete the work.

Since this work is remodeling and there are uncertainties as to the amount of work which may be involved and since the work should be completed before the fall semester, it is not practical to attempt to secure lump-sum contracts. The Director of the Physical Plant Department and the Comptroller recommend that the general work be done by Lewis S. Colbert, Champaign, in accordance with his proposal for minor remodeling on a cost plus fixed fee basis for 1948-1949.

The estimated cost of the general work to be done is as follows:

402 South Mathews	$ 6 401
606 South Mathews	6 340
1205 West California	5 875
Total	$18 616

I concur and recommend an additional appropriation of $16,100 and request that the Comptroller and Secretary of the Board be authorized to execute the above additions to this contract.

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

ADDITION TO CONTRACT FOR PIPING SYSTEM AT ABBOTT POWER PLANT ADDITION

(40) The Director of the Physical Plant Department and the Comptroller recommend an addition of $1,200 to the contract with William A. Pope Company to provide for soot blower piping. Funds are available for this addition in the State appropriation for Power Plant Additions.

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

On motion of Mr. McKelvey, this addition to contract was approved and authority was given as recommended.

ADDITION TO CONTRACT FOR VENTILATING ELECTRICAL ENGINEERING ANNEX

(41) In accordance with Board action of May 27, 1947 (Minutes, page 317), the Comptroller executed a contract with F. R. Inskip and Company for a ventilating installation at the Electrical Engineering Annex on the basis of cost plus a fee estimated at a total cost of $2,815.10. The character of the work has been difficult, many changes being necessary in the original plans, and the contractor has failed to report promptly the costs of such changes. Total costs have amounted to $9,237.27 and have been verified by the Physical Plant Department and the Internal Auditing staff.

The Director of the Physical Plant Department and the Comptroller recommend that the total amount of the contract be increased by $6,422.17. Funds are available for this increase.

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

On motion of Mr. McKelvey, this addition to contract was approved and authority was given as recommended.

AWARD OF CONTRACT FOR GENERAL CONSTRUCTION ON FIRE STATION AT URBANA

(42) In order to accommodate the new fire truck, it is necessary to remodel the front of the Fire Station to provide for two doors and to enlarge the driveway in front of the building. Since it is impossible to anticipate difficulties which may be encountered in such remodeling, it is not considered advisable to attempt to secure firm bids on the project.

The Director of the Physical Plant Department and the Comptroller recommend that the work be done by Lewis S. Colbert, Champaign, in accordance with his proposal for minor remodeling on a cost plus fee basis for 1948-1949. The total estimated cost of this project is $6,773. Funds are available in the Physical Plant budget for renewals and replacements.

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

On motion of Mr. Livingston, this addition to contract was approved and authority was given as recommended.

Director Havens was requested to confer with Mr. John Craig, State Fire Marshal, with respect to matters relating to fire protection.

AWARD OF CONTRACTS BY THE UNIVERSITY OF ILLINOIS ATHLETIC ASSOCIATION

(43) The Board of Directors of the Athletic Association requests approval of the award of the following contracts:

1. A contract with N. W. Ayer & Son, Inc., Philadelphia, for television privileges for the 1948 home football games. Negotiations have been conducted with station WGN, Chicago, the National Broadcasting Corporation, Balaban and Katz, Chicago, and N. W. Ayer & Son, Inc., Philadelphia, for the right to televise and telecast the five football games to be played in Memorial Stadium during the season of 1948. The best offer was received from N. W. Ayer & Son, Inc., which proposes to televise all games and to pay to the Athletic Association $2,000 a game or $10,000 for the season, subject to the following limitations:

(a) The telecast is to be only for direct play-by-play television while the game is in progress, and there is no right to retelevise or to make motion pictures.

(b) At least five days in advance of each game the company shall submit to the Athletic Association for approval a complete script and description of

scenes to be telecast in connection with any commercial feature of the program. Under no circumstances will there be any advertising of beer, liquor, wine, or laxatives.

(c) The Athletic Association will have the right to terminate the contract if the Association considers any broadcast to be in poor taste or incompatible with the educational dignity and propriety of the University of Illinois.

(d) The contract does not grant the exclusive right to N. W. Ayer & Son, Inc., to televise and telecast the games.

The N. W. Ayer Company agrees to pay all expenses of installing of equipment and the operation thereof, and the sole obligation of the Athletic Association is to provide suitable space.

The Legal Counsel and the Comptroller have examined the contract and recommend approval.

2. Purchase of laundry equipment for athletic clothing laundry. The service which has been available and the prices charged for the laundry of athletic gear have not been satisfactory for some time. Therefore, quotations were requested from eight manufacturing concerns for laundry equipment necessary to set up a laundry. Only one company, the U. S. Hoffman Machinery Corp., Chicago, was in a position to furnish the necessary equipment immediately. For $5,000 this firm offers to supply the following equipment, delivered to Champaign and set on foundations prepared by the Athletic Association: (a) one 36" x 54" Hoffman standard washer (this machine has been used 30 days but is available for immediate delivery), (b) one 30" Hoffman open-top extractor, and (c) two Hoffman open-end drying tumblers.

This equipment will provide for laundering all athletic gear, as well as towels owned by the University but used by varsity athletes in George Huff Gymnasium and Men's Old Gymnasium.

It is understood and agreed that, should the University find it expeditious to install a laundry of its own, this equipment will be sold to the University and that, for the purpose of building up volume, the Athletic Association will be willing to have all its laundry done by the University.

The Director of Purchases and the Comptroller have reviewed this recommendation and concur with it.

I recommend approval of the above actions of the Board of Directors of the Athletic Association.

On motion of Mrs. Holt, these awards were approved.

AWARD OF CONTRACT FOR INSTALLATION OF CABLE AND TRANSFORMERS FOR THE PHYSICAL ENVIRONMENT ADDITION IN CHICAGO

(44) The Director of the Physical Plant Department and the Comptroller recommend a contract in the amount of $10,147 with the Commonwealth Edison Company, Chicago, for furnishing cable work and transformers for electrical service to the Physical Environment Addition in Chicago, and a contract at a monthly rental of $44.10 for the rental of three transformers. The cost is covered in the operating budget.

The University has ordered transformers but they will not be available until February, 1949, and by renting transformers temporarily the unit may be placed in operation in October, 1948. The installation contract provides for the installation of University cable and is work which would have to be done for the University's transformers. However, if the University is to use the transformers of the Commonwealth Edison Company temporarily the Company requires that the Company install the cable.

The Physical Plant Department has reviewed the proposal and finds it reasonable. The contract will be replaced by a new one when the University transformers are installed.

I concur in this recommendation and request that the Comptroller and Secretary of the Board be authorized to execute the proposed contracts.

On motion of Mr. Livingston, these contracts were approved and authority was given as recommended.

AWARD OF CONTRACT FOR FILTRATION PLANT IMPROVEMENTS AT URBANA

(45) Bids were received for the installation of a Venturi meter, piping, pump installation, and other miscellaneous work at the Filtration Plant in Urbana. Only one bid was received from Robert Gordon, Inc. of Chicago in the amount of $72,754, although drawings were taken out by six contractors for the purpose of preparing bids. This bid has been checked by Alvord, Burdick, and Howson, engineers on this project, who consider it satisfactory.

The Director of the Physical Plant Department and the Comptroller recommend the award of a contract to Robert Gordon, Inc., on the basis of their bid of $72,754. Funds are available in the State appropriations for "Fire Protection Facilities," and "Water Station Improvements."

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

On motion of Mr. McLaughlin, this contract was awarded and authority was given as recommended.

SPECIAL APPROPRIATION AND AWARD OF CONTRACT FOR OFFICE REMODELING

(46) The Dean of the College of Law has requested that room 315 in Altgeld Hall be divided into two smaller rooms by putting up a partition in that room. This remodeling will provide a small office for the faculty editor and a small room for the clerical staff of the new publication *The Law Forum*. The cost of this remodeling is estimated at $3,300.

The Head of the Department of Psychology requests that room 400 in Gregory Hall be divided into five rooms to provide rooms for carrying out research in the fields of experimental psychology and psychology of learning. The committee appointed by President Stoddard to consider priorities of remodeling work recommends that this work be considered of highest priority. Estimated cost of this work is $15,700.

The Committee on Special Appropriations and Nonrecurring Expenditures has considered these requests and recommends a special appropriation of $19,000 to cover the costs of remodeling in the two areas named above.

The general work in Gregory Hall is estimated at $8,073. Since this is remodeling work and the securing of fixed bids is not practical, the Director of the Physical Plant Department and the Comptroller recommend that the contract for the general work be awarded to Lewis S. Colbert on the basis of his proposal for minor remodeling for 1948-1949 on a cost plus fee basis.

I concur and recommend a special appropriation of $19,000 for the above remodeling and the award of the general contract for the remodeling in Gregory Hall to Lewis S. Colbert.

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

AWARD OF CONTRACTS FOR FIRE PUMP AT CHICAGO

(47) The second phase of the water supply program for fire protection for the Chicago Professional Colleges requested by the Fire Marshal and recommended by the report of Holabird and Root of 1944, provides for the installation of a 750 gallon a minute electric fire pump with all connections, the installation of the overhead fire mains in the basement of the first unit of the Medical and Dental College Laboratories Building, and a direct connection with the city water mains. The completion of this phase will provide a separate water distribution system in University buildings for fire service, independent of that used for domestic service, except the Chicago Illini Union Building, but including the Illinois Neuropsychiatric Institute and the Institute of Juvenile Research.

Bids were received for this work on January 26, 1948, and the contract for piping in all buildings except Building 909 was awarded to the M. J. Corboy

Company by the Board of Trustees on March 9, 1948 (Minutes, page 1046). The award of the contracts for the other phases of this project was deferred until funds were available. The Company agreed to allow their bid to stand until July 31, 1948.

Funds are now available in the Physical Plant Department renewal and replacement budget for the remainder of the work, and the Director of that Department and the Comptroller recommend that an addition of $26,580 be made in the contract with M. J. Corboy Company in accordance with their lowest total bid on January 26, 1948, to provide for the fire pump and the installation of overhead fire mains.

I concur and request that the Comptroller and the Secretary of the Board be authorized to execute an addition to the contract with the M. J. Corboy Company for this work.

On motion of Mr. Livingston, this addition to contract was approved and authority was given as recommended.

CHANGES IN CIVIL SERVICE CLASSIFICATIONS

Mr. Livingston reported, for the Committee on Civil Service and Employees, a list of changes in and additions to the list of Civil Service Classifications, requested by the Director of Nonacademic Personnel (see Appendix, page 73).

On motion of Mr. Livingston, these changes and additions were approved effective July 1, 1948.

EXECUTIVE SESSION

At this point the Board went into executive session.

APPOINTMENT OF MR. D. W. SMYTHE

Mr. Nickell and Mr. Livingston raised a question as to the appointment by the President of the University of Mr. D. W. Smythe as Professor of Economics and Research Professor in the Institute of Communications Research.

After discussion, and on motion of Mr. Livingston, this matter was referred to the President's Office for study and report to the Board.

STAFF HOUSING

The Provost reported that he had just been informed that the residence of the late Professor Alta Gwinn Saunders was available, at a price of $25,000, and requested authority to purchase this property in the event that the property on Lincoln Avenue should not be available at $30,000.

On motion of Mr. Livingston, this purchase was referred to the Provost and the Executive Committee, with power to act, by the following vote: Aye, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Mr. McLaughlin, Mr. Nickell; no, none; absent, Mr. Davis, Mr. Green, Dr. Luken, Dr. Meyer, Mr. Williamson.

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. Northern Trust Company, Deposit Agreement in connection with the $425,000 Illini Union Building Revenue Bonds. Dated October 1, 1947.

2. First National Bank of Chicago, Deposit Agreement in connection with the $400,000 Men's Residence Halls Revenue Bonds of 1948. Dated March 1, 1948.

3. University of Illinois Foundation, Agreement to terminate the Men's Residence Halls Building Trust dated September 1, 1941, for $650,000. Dated March 1, 1948.

4. University of Illinois Foundation, Agreement to terminate lease of lots 7 and 8 of William Williamson Subdivision in Champaign County. Dated March 1, 1948.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record the lists of appointments made by the President of the University and of resignations, declinations, and cancellations (see Appendix, page 35).

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.)

AHERN, R. E., Assistant, Mechanical Engineering (C), nine months beginning September 16, 1948, $2700 (6-29-48).

AHRENS, E. A., Sociology, Summer Session, 1948, June 18-August 14, 1948, $954 (7-10-48).

ALLEN, H. K., Professor, Economics, indefinite tenure beginning March 1, 1949, $7250 a year, supersedes (6-22-48).

ALLEN, H. R., Assistant Professor, Architecture (Undergraduate Division in Chicago), one year beginning September 1, 1948, $4800 (7-15-48).

ARKIN, JAMES, Instructor, Architecture (Undergraduate Division in Chicago), one year beginning September 1, 1948, $4500 (6-22-48).

ASH, J. E., Instructor, Theoretical and Applied Mechanics (C), one year beginning September 1, 1948, $3300 (6-14-48).

BAKER, JOYCE B., Assistant, Physical Education for Women, nine months beginning September 16, 1948, $2800 (6-14-48).

BALDUF, M. V., Entomology (½), Summer Session, 1948, June 18-August 14, 1948, $685, supersedes (7-15-48).

BAMBER, MRS. LOIS R., Serial Cataloger, rank of Instructor, Library (½), Instructor, Library Science (½), Summer Session, 1948, June 18-August 14, 1948, $292 a month, supersedes (6-22-48).

BANNISTER, T. C., Professor, Architecture, Head of the Department, indefinite tenure beginning September 1, 1948, $10,000 a year (6-28-48).

BARCUS, C. H., Assistant, Architecture, nine months beginning September 16, 1948, $2400 (6-14-48).

BARON, THOMAS, Instructor, Chemistry, one year beginning September 1, 1948, $3600 (6-18-48).

BARTLEY, L. A., Instructor, Commerce and Business Administration (Undergraduate Division in Galesburg), one year beginning September 1, 1948, $3600 (6-22-48).

BARTO, HARRIET T., Home Economics (½), Summer Session, 1948, June 18-August 14, 1948, $556, supersedes (7-10-48).

BAUMANN, E. R., Special Research Associate, Civil Engineering (S), one year beginning July 1, 1948, $4500, supersedes (7-8-48).

BEAN, H. W., Animal Science, Summer Session, 1948, June 18-August 14, 1948, $112 (7-10-48).

BECHT, J. E., Assistant, Geography, nine months beginning September 16, 1948, $2400 (6-26-48).

BESTOR, A. E., History (½), Summer Session, 1948, June 18-August 14, 1948, $611 (6-19-48).

BIERSTEDT, ROBERT, Sociology, Summer Session, 1948, June 18-August 14, 1948, $934 (7-10-48).

BIRCH, MRS. CARROLL L., Associate Professor, Medicine (Medicine), five months beginning September 1, 1947, $500 a month, five months beginning February 1, 1948, $650 a month, two months beginning July 1, 1948, $500 a month, supersedes (7-12-48).

BOGGS, J. H., JR., Instructor, Mechanical Engineering (C), one year beginning September 1, 1948, $3300 (7-13-48).

BOOKER, JO ANNE, Instructor, Physical Education for Women, one year beginning September 1, 1948, $3200 (7-1-48).

BOSE, R. C., Visiting Research Professor, Mathematical Statistics (Graduate College), eleven months beginning October 1, 1948, $9000 a year (7-9-48).

BOURGIN, D. G., Professor, Mathematics, indefinite tenure beginning September 1, 1948, $7000 a year, on leave of absence with one-half salary for one year beginning September 1, 1948, supersedes (7-3-48).

BOURGIN, D. G., Professor, Mathematics, one year beginning September 1, 1948, $3500; in addition to his appointment on indefinite tenure (7-3-48).

BOURQUE, J. E., Assistant Professor, Physiology (Medicine), July 1, 1948-August 31, 1949, $5500 a year (7-1-48).

BRETT, R. J., Speech, Summer Session, 1948, June 18-August 14, 1948, $600 (7-9-48).

BROWN, W. C., Associate Professor, Food Chemistry (Food Technology) (C & S), one year beginning September 1, 1948, $6000 (6-21-48).

BRUCK, HELEN, Clinical Instructor, Orthopaedic Nursing (School of Nursing) (½), ten months beginning September 1, 1948, $1782 a year, full time, two months beginning July 1, 1949, $3564 a year; also to be furnished one meal daily valued at $96 a year, while on duty, supersedes (7-8-48).

BUSHEY, G. L., Instructor, Chemistry, one year beginning September 1, 1948, $3600 (6-14-48).

CARR, I. NAOMI, Binding Assistant, Library, June 15, 1948-August 31, 1949, $2600 a year (6-22-48).

CATES, G. T., Mathematics, Summer Session, 1948, June 18-August 14, 1948, $533 (7-10-48).

CHAMBERLIN, W. J., Assistant, Business English, nine months beginning September 16, 1948, $2800 (6-22-48).

CHANDLER, MRS. MARGARET K., Research Associate, Labor and Industrial Relations, Lecturer, Sociology (Institute of Labor and Industrial Relations), July 1, 1948-August 31, 1949, $4000 a year (6-22-48).

CHAO, BEI-TSE, Visiting Research Assistant, Mechanical Engineering (C), one year beginning September 1, 1948, $3000 (7-15-48).

CHARNES, ABRAHAM, Mathematics (½), Summer Session, 1948, June 18-August 14, 1948, $333, supersedes (6-19-48).

CLARK, G. W., Civil Engineering, Summer Session, 1948, July 12-August 14, 1948, $700 (7-9-48).

CLARY, CORNELIA L., Instructor, Nursery School (Division of Special Services for War Veterans), one year beginning September 1, 1948, $3100 (7-1-48).

COLE, I. W., Assistant, Journalism (½), Assistant to the Director, School of Journalism (Y basis) (½), one year beginning September 1, 1948, $3000 (6-18-48).

COMMANDAY, R. P., Assistant Professor, Music, one year beginning September 1, 1948, $4000 (6-14-48).

COOPER, T. H., Adjutant, Military Department, June 1, 1948-August 31, 1949, $50 a month (6-14-48).

CULLISON, C. W., Instructor, Pathology (Medicine) (¾), September 1, 1948-March 11, 1949, $3000 a year (6-26-48).

CURTIS, MRS. HELEN U., Commerce and Sociology Library Assistant, one year beginning September 1, 1948, $2640 (6-30-48).

CUTLER, H. A., Instructor, Economics, one year beginning September 1, 1948, $3750 (6-22-48).

DAY, D. A., Instructor, Civil Engineering (C), one year beginning September 1, 1948, $3600 (6-29-48).

DECKER, G. C., Professor, Entomology, indefinite tenure beginning September 1, 1948, without salary; in addition to his appointment in Agriculture (6-14-48).

DELANEY, JEAN, Instructor, Nursery School (Division of Special Services for War Veterans), one year beginning September 1, 1948, $3200 (7-15-48).

DELORENZO, W. F., Assistant, Bacteriology, nine months beginning September 16, 1948, $2400 (6-18-48).

DEMPSEY, ELLEN, Research Assistant, Botany, one year beginning July 1, 1948, $2500 (6-21-48).

DICARLO, L. M., Associate Professor, Education, indefinite tenure beginning September 1, 1948, $5800 a year (7-8-48).

DONNELLY, A. V., Electrical Engineering (Undergraduate Division in Galesburg), Summer Session, 1948, June 18-August 14, 1948, $900 (6-21-48).

DOWLER, G. H., Instructor, Journalism, one year beginning September 1, 1948, $3000 (6-22-48).

DRISCOLL, MAE A., Instructor, Physics (Undergraduate Division in Chicago) (⅔), one year beginning September 1, 1948, $2267, supersedes (6-22-48).

DUNLAP, R. M., Assistant Professor, Mechanical Engineering (C), one year beginning September 1, 1948, $4300 (7-15-48).

DUNN, C. L., Assistant, Accountancy, nine months beginning September 16, 1948, $2700, supersedes (6-18-48).

EATON, J. O., Instructor, Accountancy, one year beginning September 1, 1948, $3600, supersedes (6-22-48).

EDWARDS, H. M., JR., First Year Resident, Anesthesia (Research and Educational Hospitals), June 14-June 30, 1948, $55 a month; also to be furnished full maintenance valued at $384 a year (7-1-48).

EDWARDS, PHYLLIS E., Instructor, Music, one year beginning September 1, 1948, $3000 (6-30-48).

ERLANGER, MARGARET, Assistant Professor, Physical Education for Women, one year beginning September 1, 1948, $4000 (6-21-48).

FILBEY, N. V., Instructor, Business Organization and Operation (¼), nine months beginning September 16, 1948, $900 (6-25-48).

FINGER, DONNA D., Library School Librarian, Instructor, Library Science, July 1, 1948-August 31, 1949, $3500 a year, supersedes (6-19-48).

FLEMING, A. N., Instructor, Mechanical Engineering (C), one year beginning September 1, 1948, $3000 (7-13-48).

FLOURNOY, W. N., Associate Professor, Naval Science, June 25, 1948, until further notice, without salary (7-8-48).

FORREST, E. A., JR., Documents Assistant, rank of Instructor, Library, one year beginning September 1, 1948, $3000 (7-9-48).

FORT, M. K., JR., Instructor, Mathematics, one year beginning September 1, 1948, $3800 (6-14-48).

FRENCH, MARGARET, English (⅓), Summer Session, 1948, June 18-August 14, 1948, $241, supersedes (6-19-48).

FUZAK, J. A., Education, Summer Session, 1948, June 18-August 14, 1948, $846, supersedes (7-10-48).

GALSTER, AUGUSTA, Economics (½), Summer Session, 1948, June 18-August 14, 1948, $445, supersedes (7-10-48).

GARDNER, R. V., Sociology, Summer Session, 1948, June 18-August 14, 1948, $623 (7-10-48).

GARVEY, JOHN, Music, Summer Session, 1948, June 18-August 14, 1948, $556 (7-9-48).

GEYER, J. H., Natural Sciences (Undergraduate Division in Galesburg) (½), Summer Session, 1948, June 18-August 14, 1948, $800, supersedes (7-15-48).

GIBB, C. A., Psychology (⅘), Summer Session, 1948, June 18-August 14, 1948, $712, supersedes (7-10-48).

GIDDINGS, N. C., Assistant Professor, Humanities (Undergraduate Division in Galesburg), one year beginning September 1, 1948, $4000 (6-14-48).

GILDEN, MEYER, Instructor, Electrical Engineering (C), one year beginning September 1, 1948, $3200 (7-9-48).

GOERTZ, GRAYCE E., Instructor, Home Economics (C), one year beginning September 1, 1948, $3000 (7-13-48).

GOOD, D. E., Research Assistant, Institute of Labor and Industrial Relations, one year beginning September 1, 1948, $2800 (6-22-48).

GRACE, H. A., Assistant Professor, Psychology (¾), Assistant Professor, Institute of Communications Research (¼), one year beginning September 1, 1948, $4200 (6-14-48).

GRIM, R. E., Research Professor, Geology (8/100), nine months beginning September 16, 1948, $500 (6-14-48).

GRIMSHAW, AUSTIN, Professor, Management (Bureau of Economic and Business Research), two months beginning July 1, 1948, $1778 (7-3-48).

GRIMSHAW, AUSTIN, Professor, Management (Business Organization and Operation), two years beginning September 1, 1948, $8000 a year (7-3-48).

GUY, G. V., Research Assistant, Bureau of Research and Service, two months beginning July 1, 1948, $233.34 a month (6-14-48).

HAGEN, E. E., Professor, Economics, two years beginning September 1, 1948, $7500 a year (6-14-48).

HARTLEY, M. C., Assistant Professor, Mathematics (Undergraduate Division in Chicago), one year beginning September 1, 1948, $5000, supersedes (7-1-48).

HARTMAN, MRS. EDITH, Instructor, Physical Sciences (Undergraduate Division in Chicago), one year beginning September 1, 1948, $3000 (7-1-48).

HATHAWAY, A. S., Civil Engineering, Summer Session, 1948, June 14-August 14, 1948, $900 (7-9-48).

HAWORTH, F. B., Economics (½), Summer Session, 1948, June 18-August 14, 1948, $511, supersedes (7-10-48).

HAYWARD, H. N., Director, Measurement Program (Department of Electrical Engineering) (S), three months beginning June 16, 1948, $1833; in addition to his appointment as Associate Professor of Electrical Engineering (6-14-48).

HERMAN, HAROLD, Special Research Associate, Electrical Engineering (S) (½), June 1, 1948-August 31, 1949, $2600 a year, supersedes (6-18-48).

HEWLETT, MRS. MARILYN N., Instructor, English (Undergraduate Division in (Chicago), one year beginning September 1, 1948, $3000 (7-1-48).

HILLER, E. T., Sociology, Summer Session, 1948, June 18-August 14, 1948, $1556 (7-10-48).

HOCHSCHILD, G. P., Assistant Professor, Mathematics, one year beginning September 1, 1948, $4800 (6-14-48).

HOEL, W. J., Music, Summer Session, 1948, June 18-August 14, 1948, $623 (6-19-48).

HOHN, F. E., Mathematics, Summer Session, 1948, June 18-August 14, 1948, $577 (6-22-48).

HOHN, F. E., Instructor, Mathematics, one year beginning September 1, 1948, $3800 (6-14-48).

HOLT, A. H., Civil Engineering, Summer Session, 1948, July 12-August 14, 1948, $800 (7-1-48).

HOROWITZ, MORRIS, Research Associate, Institute of Labor and Industrial Relations, one year beginning September 1, 1948, $4300 (6-26-48).

HOWARD, J. A., Assistant Professor, Marketing, one year beginning September 1, 1948, $4200 (6-14-48).

HOWE, M. C., Instructor, Music (¾), $3250, University of Illinois Bands (¼), $750, one year beginning September 1, 1948 (7-15-48).

HUFF, L. R., Business Organization and Operation (½), Summer Session, 1948, June 18-August 14, 1948, $340, supersedes (6-19-48).

HULETT, J. E., JR., Sociology, Summer Session, 1948, June 18-August 14, 1948, $1112 (7-10-48).

HUSMAN, B. F., Instructor, Physical Education for Men (Undergraduate Division in Galesburg), one year beginning September 1, 1948, $3100; in addition to $300 paid by the Athletic Association, for which the University assumes no responsibility (6-22-48).

JAKOWATZ, C. V., Instructor, Electrical Engineering (C), one year beginning September 1, 1948, $3600 (6-14-48).

JAMES, D. J., Business Organization and Operation (⅓), Summer Session, 1948, June 18-August 14, 1948, $237, supersedes (7-10-48).

JAMES, R. M., Instructor, Accountancy, one year beginning September 1, 1948, $3000 (6-29-48).

JAMES, VIOLA L., Instructor, Library Science (Library School) (½), Division of University Extension (½), one year beginning September 1, 1948, $3600 (6-30-48).

JEFFRIES, J. U., Electrical Engineering, Summer Session, 1948, June 18-August 14, 1948, $533 (6-19-48).

JOHNSON, R. D., Chemistry, Summer Session, 1948, June 18-August 14, 1948, $800 (6-19-48).

JOHNSON, R. K., Bibliographer, rank of Instructor, Acquisition (Library), June 16, 1948-August 31, 1949, $3000 a year (6-22-48).

JOHNSON, W. R., Assistant, Speech, nine months beginning September 16, 1948, $2400 (6-18-48).

JUNG, A. F., Instructor, Economics (Undergraduate Division in Chicago), one year beginning September 1, 1948, $3750 (7-1-48).

JUVINALL, R. C., Assistant Professor, Mechanical Engineering (C), one year beginning September 1, 1948, $4600 (6-30-48).

KABARA, J. J., Research Assistant, Allergy (Postgraduate Division) (Medicine), June 14-August 31, 1948, $200 a month (6-26-48).

KAPLAN, MAX, Sociology, Summer Session, 1948, June 18-August 14, 1948, $623 (7-10-48).

KARNES, M. R., Assistant Professor, Industrial Education, one year beginning September 1, 1948, $4500 (6-14-48).

KELLEY, HILDA, Assistant, History of Civilization (Division of General Studies), nine months beginning September 16, 1948, $2400 (6-30-48).
KETCHUM, G. M., Assistant Professor, Mechanical Engineering (C), one year beginning September 1, 1948, $4600 (7-1-48).
KING, FLORENCE M., Home Economics, Summer Session, 1948, June 18-August 14, 1948, $528, supersedes (7-10-48).
KINTNER, P. M., Electrical Engineering (½), Summer Session, 1948, June 18-August 14, 1948, $333 (6-19-48).
KNAUF, R. C., Assistant Professor, Naval Science, August 1, 1948, until further notice, without salary (7-8-48).
KORST, H. H., Visiting Lecturer, Mechanical Engineering (C), one year beginning September 1, 1948, $4000 (6-18-48).
KUMMEL, BERNHARD, Assistant Professor, Geology, one year beginning September 1, 1948, $5000 (7-9-48).
LAITALA, EVERETT, Mechanical Engineering (½), Summer Session, 1948, June 18-August 14, 1948, $556, supersedes (7-10-48).
LAMM, K. L., Special Research Assistant, Mechanical Engineering (S), one year beginning September 1, 1948, $3000 (7-15-48).
LARUE, H. A., Civil Engineering, Summer Session, 1948, July 12-August 14, 1948, $800 (6-26-48).
LAUGHLIN, J. S., Assistant Professor, Radiology, Radiation Physicist (Medicine), July 1, 1948-August 31, 1949, $6000 a year, supersedes (6-25-48).
LAUGHNAN, J. R., Assistant Professor, Botany, one year beginning September 1, 1948, $5000 (6-21-48).
LIND, EVELYN R., Research Assistant, Bureau of Economic and Business Research, July 19-September 9, 1948, $225 a month (6-26-48).
LITTLE, MARGUERITE, Research Assistant, Graduate College, nine months beginning September 16, 1948, $3000 (7-15-48).
LOO, Y. H., First Research Assistant, Animal Nutrition and Chemistry (Graduate College), one year beginning September 1, 1948, $4000 (6-14-48).
LUNDMAN, A. TRESS, Instructor, Verbal Expression (Division of General Studies), one year beginning September 1, 1948, $3700 (6-22-48).
MACLEAN, LESTER, Instructor, Psychiatry (Medicine), July 1, 1948-August 31, 1949, $2100 a year (6-26-48).
MAHAN, R. D., Special Research Assistant, Civil Engineering (S), one year beginning July 1, 1948, $3300 (6-18-48).
MAINOUS, B. H., Instructor, French, one year beginning September 1, 1948, $3200 (6-18-48).
MAJARAKIS, J. D., Instructor, Surgery (Medicine) (¾), April 15-August 31, 1948, $3000 a year (6-18-48).
MANCHESTER, KENNETH, Research Assistant, Bureau of Research and Service, two months beginning July 1, 1948, $233.34 a month (6-14-48).
MARKUSON, M. J., Civil Engineering, Summer Session, 1948, July 12-August 14, 1948, $800 (6-26-48).
MARSH, J. O., JR., Instructor, Foreign Languages (Undergraduate Division in Chicago), one year beginning September 1, 1948, $3500 (7-1-48).
MARSHALL, J. F., French, Summer Session, 1948, June 18-August 14, 1948, $534, supersedes (6-19-48).
MASUOKA, S. J., Registered Pharmacist, Hospital Pharmacy (Pharmacy), June 14-September 30, 1948, $250 a month, supersedes (6-26-48).
MASUR, E. F., Civil Engineering, Summer Session, 1948, June 14-August 14, 1948, $1060 (7-9-48).
MATTESON, M. R., Zoology (½), Summer Session, 1948, June 18-August 14, 1948, $445, supersedes (7-10-48).
MAUTZ, R. K., Assistant Professor, Accountancy, one year beginning September 1, 1948, $5000 (7-1-48).
MCCOY, R. E., Reference Librarian, rank of Assistant Professor, Library, Research Associate, Institute of Labor and Industrial Relations, one year beginning September 1, 1948, $5000 (6-25-48).
MCVEY, G. W., Instructor, Institute of Aeronautics, one year beginning September 1, 1948, $4000 (7-8-48).

MENTZER, R. L., Mathematics, Summer Session, 1948, June 18-August 14, 1948, $533 (7-10-48).

MEYERS, H. F., Instructor, Veterinary Pathology and Hygiene (Veterinary Medicine) (¾), one year beginning September 1, 1948, $3000 (6-18-48).

MICHELMAN, C. A., Education, Summer Session, 1948, June 18-August 14, 1948, $1000 (6-30-48).

MILLEN, T. W., Assistant Professor, Veterinary Pathology and Hygiene (Veterinary Medicine) (44/100), one year beginning July 1, 1948, $2202, supersedes (6-21-48).

MILLER, OSCAR, Instructor, Economics (Undergraduate Division in Chicago), one year beginning September 1, 1948, $3750 (7-1-48).

MILLER, P. V., Associate Professor, Bureau of Research and Service, indefinite tenure beginning September 1, 1948, $6650 a year, supersedes (7-9-48).

MILLS, JACK, Assistant, Speech, nine months beginning September 16, 1948, $3000 (6-18-48).

MILUM, V. G., Entomology (½), Summer Session, 1948, June 18-August 14, 1948, $556, supersedes (7-16-48).

MITCHELL, JOSEPHINE M., Mathematics, Summer Session, 1948, June 18-August 14, 1948, $888 (6-22-48).

MITCHELL, JOSEPHINE M., Assistant Professor, Mathematics, one year beginning September 1, 1948, $4000 (6-14-48).

MOORE, R. H., English (½), Summer Session, 1948, June 18-August 14, 1948, $334, supersedes (7-10-48).

MORGAN, L. T., Assistant, Social Sciences (Undergraduate Division in Galesburg), nine months beginning September 16, 1948, $3000 (7-1-48).

MORRELL, W. E., Counselor, Student Personnel Bureau, Summer Session, 1948, June 18-August 14, 1948, $1112 (6-26-48).

MORRIS, O. G., Instructor, Theoretical and Applied Mechanics (C), one year beginning September 1, 1948, $3000 (6-22-48).

MOSES, IRMA R., Instructor, Mathematics, one year beginning September 1, 1948, $3700 (6-14-48).

MOYER, K. E., Assistant, Psychology, nine months beginning September 16, 1948, $2400 (6-18-48).

MULLEN, HARVEY, General Engineering Drawing (Undergraduate Division in Galesburg), Summer Session, 1948, June 18-August 14, 1948, $712, supersedes (7-15-48).

MURPHY, K. H., Instructor, Mathematics (Undergraduate Division in Chicago), one year beginning September 1, 1948, $4000 (7-1-48).

NELSON, J. A., Special Research Associate, Ceramic Engineering (S), June 23, 1948-August 31, 1949, $3800 a year (6-30-48).

NEWMAN, J. H., Assistant, Naval Science, July 6, 1948, until further notice, without salary (7-8-48).

NYSTROM, R. F., Assistant Professor, Animal Science and Chemistry, in charge of the Radiocarbon Laboratory (Graduate College), one year beginning September 1, 1948, $5000 (6-14-48).

OFFNER, D. H., Instructor, Mechanical Engineering (C), one year beginning September 1, 1948, $3000 (7-13-48).

ORMSBEE, A. I., Aeronautical Engineering, Summer Session, 1948, June 18-August 14, 1948, $712, supersedes (6-19-48).

PADEN, D. W., Economics (½), Summer Session, 1948, June 18-August 14, 1948, $556, supersedes (7-10-48).

PAINTER, J. P., Assistant Professor, Music, Director, Music Extension, one year beginning September 1, 1948, $6000 (7-15-48).

PALMIERI, JOSEPH, Instructor, Physical Education for Men (Undergraduate Division in Galesburg), one year beginning September 1, 1948, $3300; in addition to $300 paid by the Athletic Association, for which the University assumes no responsibility, supersedes (6-14-48).

PARK, A. L., Research Assistant, Institute of Labor and Industrial Relations, July 1, 1948-August 31, 1949, $3000 a year (6-19-48).

PARMET, B. S., Instructor, Electrical Engineering (C), one year beginning September 1, 1948, $3200 (7-9-48).

PASQUA, PIETRO, Instructor, Mechanical Engineering (C), one year beginning September 1, 1948, $3800 (6-29-48).
PATINKIN, DON, Associate Professor, Economics, two years beginning September 1, 1948, $5750 a year (6-21-48).
PATON, R. F., Physics, Summer Session, 1948, June 18-August 14, 1948, $1289 (6-19-48).
PERRY, C. D., Classics (4/5), Summer Session, 1948, June 18-August 14, 1948, $640, supersedes (7-10-48).
PETERSON, R. L., Assistant to the Provost, one year beginning September 1, 1948, $6500 (7-3-48).
PROPES, E. A., Mathematics, Summer Session, 1948, June 18-August 14, 1948, $693 (6-19-48).
PROTZMAN, RUTH M., Catalog Assistant, Library, one year beginning September 1, 1948, $2800 (6-18-48).
RAY, B. R., Chemistry, Summer Session, 1948, June 18-August 14, 1948, $1111 (6-19-48).
REAGAN, G. W., Education, Summer Session, 1948, June 18-August 14, 1948, $1128 (6-30-48).
REEVES, H. P., Spanish (1/4), Summer Session, 1948, June 18-August 14, 1948, $167, supersedes (7-10-48).
REINER, IRVING, Assistant Professor, Mathematics, one year beginning September 1, 1948, $4000 (6-14-48).
RHOADES, M. M., Professor, Botany, indefinite tenure beginning July 1, 1948, $10,000 a year (6-21-48).
RICHARDSON, J. F., Assistant Professor, Art (Undergraduate Division in Chicago), one year beginning September 1, 1948, $4800, supersedes (6-21-48).
RIDEOUT, CECILY R., Architecture Library Assistant, one year beginning September 1, 1948, $2660 (6-18-48).
ROBB, R. Y., Humanities (Undergraduate Division in Galesburg) (3/4), Summer Session, 1948, June 18-August 14, 1948, $584, supersedes (7-15-48).
ROBBINS, E. W., English (1/2), Summer Session, 1948, June 18-August 14, 1948, $334, supersedes (7-10-48).
ROBERTS, D. R., Humanities (Undergraduate Division in Galesburg) (3/4), Summer Session, 1948, June 18-August 14, 1948, $667, supersedes (7-15-48).
ROBERTSON, CARITA, Physical Education for Women (1/2), Summer Session, 1948, June 18-August 14, 1948, $535, supersedes (7-10-48).
RUBBRA, JEAN O., First Year Resident, Anesthesia (Research and Educational Hospitals), $55 a month, also to be furnished full maintenance valued at $384 a year, Clinical Assistant, Anesthesia (Medicine), without salary, two months beginning May 1, 1948 (7-1-48).
RUTHVEN, B. W., Instructor, Labor and Industrial Relations (Institute of Labor and Industrial Relations), July 1, 1948-August 31, 1949, $3900 a year (6-26-48).
SANCHEZ, JOSE, Foreign Languages (Undergraduate Division in Chicago) (2/3), Summer Session, 1948, June 18-August 14, 1948, $741 (6-19-48).
SANDAGE, C. H., Journalism (1/2), Summer Session, 1948, June 18-August 14, 1948, $834, supersedes (7-10-48).
SCHILLER, J. W., Assistant Professor, Music, one year beginning September 1, 1948, $5000 (6-29-48).
SCHOENFELD, LOWELL, Assistant Professor, Mathematics, one year beginning September 1, 1948, $4250 (6-14-48).
SCOFIELD, ELIZABETH K., Instructor, Health Education (Home Economics) (C & E), one year beginning September 1, 1948, $3800 (6-22-48).
SCOTT, E. J., Instructor, Mathematics, one year beginning September 1, 1948, $3800, supersedes (6-25-48).
SCOTT, R. E., Instructor, Political Science, six months beginning February 1, 1949, $1750 (6-18-48).
SEYLER, J. W., Instructor, Civil Engineering (C), one year beginning September 1, 1948, $3300 (6-30-48).
SHARPE, D. M., Research Assistant, Bureau of Research and Service, two months beginning July 1, 1948, $233.34 a month (6-14-48).
SHORT, DOROTHY M., Catalog Assistant, Library, one year beginning September 1, 1948, $2600 (6-14-48).

SIERKS, E. F., Assistant Professor, Physical Education for Men, one year beginning September 1, 1948, $4700 (7-1-48).
SKIDMORE, W. E., Humanities (Undergraduate Division in Galesburg) (¾), Summer Session, 1948, June 18-August 14, 1948, $717, supersedes (7-15-48).
SMALLEY, D. A., Visiting Associate Professor, English, ten months beginning September 1, 1948, $5500 (6-21-48).
SMITH, JANICE M., Home Economics (⅓), Summer Session, 1948, June 18-August 14, 1948, $474, supersedes (7-13-48).
SMITH, MRS. KEO G., Registered Pharmacist, Hospital Pharmacy (Pharmacy), two months beginning July 1, 1948, $240 a month (6-19-48).
SMITH, L. C., Assistant, Philosophy, nine months beginning September 16, 1948, $2400 (6-14-48).
SMYTHE, D. W., Professor, Economics, Research Professor, Institute of Communications Research, two years beginning September 1, 1948, $8000 a year (6-25-48).
SNAPP, R. R., Animal Science (½), Summer Session, 1948, June 18-August 14, 1948, $778 (7-10-48).
SPROAT, R. A., Instructor, Civil Engineering (C), one year beginning September 1, 1948, $3300 (6-30-48).
STALLINGS, R. L., Instructor, Accountancy (½), one year beginning September 1, 1948, $1650 (6-26-48).
STEWART, MIRIAM B., Assistant Professor, Music, one year beginning September 1, 1948, $4000 (6-14-48).
STILLWELL, H. S., Aeronautical Engineering (½), Summer Session, 1948, June 18-August 14, 1948, $834 (6-19-48).
STOLPE, S. G., Instructor, Physiology, one year beginning September 1, 1948, $3600 (6-26-48).
STONE, G. P., Instructor, Social Sciences (Undergraduate Division in Chicago), one year beginning September 1, 1948, $3200, supersedes (6-22-48).
STOUTENBURG, W. J., JR., Instructor, Architecture, one year beginning September 1, 1948, $3500 (6-18-48).
TAMRES, MILTON, Instructor, Chemistry, one year beginning September 1, 1948, $3600 (6-26-48)
TAYLOR, W. H., Mathematics, Summer Session, 1948, June 18-August 14, 1948, $693 (6-19-48).
THOMPSON, W. N., Agricultural Economics (¾), Summer Session, 1948, June 18-August 14, 1948, $587, supersedes (7-13-48).
TIMMONS, B. F., Sociology, Summer Session, 1948, June 18-August 14, 1948, $1289 (7-10-48).
TOWNER, J. H., Assistant, Physical Education for Men (Undergraduate Division in Chicago), nine months beginning September 16, 1948, $2880 (6-14-48).
TRUMANN, W. B., Chemistry, Summer Session, 1948, June 18-August 14, 1948, $1000 (6-19-48).
UNFER, LOUIS, Instructor, Social Sciences (Undergraduate Division in Chicago), one year beginning September 1, 1948, $3500 (7-1-48).
URNER, D. M., English, Summer Session, 1948, June 18-August 14, 1948, $667 (6-22-48).
WALKER, MRS. MARION S., Assistant, Home Economics (S), June 7-August 31, 1948, $240 a month (7-15-48).
WEBSTER, MRS. LUCILLE J., Humanities (Undergraduate Division in Chicago) (⅔), Summer Session, 1948, June 18-August 14, 1948, $482, supersedes (7-15-48).
WEIGEL, EUGENE, Music (½), Summer Session, 1948, June 18-August 14, 1948, $556, supersedes (7-10-48).
WEIGEL, EUGENE, Associate Professor, Music (¾), indefinite tenure beginning September 1, 1948, $3750 a year, supersedes (7-1-48).
WELSH, D. L., General Engineering Drawing (9/10), Summer Session, 1948, June 18-August 14, 1948, $600 (6-19-48).
WENDT, R. E., JR., Instructor, Electrical Engineering (C), one year beginning September 1, 1948, $3000 (6-14-48).
WERNETTE, J. P., Professor, Economics, two years beginning September 1, 1948, $8000 a year (6-14-48).

WHITE, L. V., Civil Engineering, Summer Session, 1948, July 12-August 14, 1948, $800 (6-26-48).
WHITESEL, E. GRACE, Home Economics, Summer Session, 1948, June 18-August 14, 1948, $800 (6-29-48).
WHITESIDE, HELEN, Head Resident, Evans Hall, ten months beginning September 1, 1948, $1800; also to be furnished housing valued at $100 and three meals daily valued at $168 (7-15-48).
WHITFIELD, W. M., Instructor, Electrical Engineering (C), one year beginning September 1, 1948, $3000 (6-22-48).
WILLIAMS, LEAH M., Assistant Professor, Hygiene, Medical Adviser for Women, one year beginning September 1, 1948, $5000 (6-21-48).
WILLIAMS, S. K., Instructor, Electrical Engineering (C), one year beginning September 1, 1948, $3000 (6-14-48).
WOELFFER, E. A., Professor, Veterinary Extension (Veterinary Pathology and Hygiene) (Veterinary Medicine & Extension Service in Agriculture and Home Economics), indefinite tenure beginning July 1, 1948, $8500 a year, supersedes (6-21-48).
WUELLNER, G. E., Instructor, Art, one year beginning September 1, 1948, $3000 (6-14-48).
YAPP, W. W., Dairy Production (⅓), Summer Session, 1948, June 18-August 14, 1948, $519, supersedes (7-10-48).
YEAGER, R. A., JR., Assistant, Mechanical Engineering (C), nine months beginning September 16, 1948, $2700 (7-13-48).

GRADUATE FELLOWS

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

BAER, PAUL, United States Public Health Service Fellow, Psychology (Medicine), July 12, 1948-June 30, 1949, $166.66 a month (6-18-48).
CROOKSTON, J. A., A. P. Green Fire Brick Company Fellow, Ceramic Engineering, ten months beginning September 1, 1948, $1800 (7-2-48).
CROSBY, JANET L., Upjohn Fellow, Chemistry, two months beginning June 16, 1948, $250 (6-18-48).
DEUTSCH, MARTIN, United States Public Health Service Fellow, Psychology (Medicine), one year beginning September 1, 1948, $2000 (6-14-48).
DOUGLAS, BODIE E., Graham, Crowley & Associates, Inc. Fellow, Chemistry, one year beginning September 1, 1948, $1500 (6-30-48).
FLYNN, EDWIN HAROLD, Upjohn Fellow, Chemistry, nine months beginning September 16, 1948, $1500 (6-18-48).
GREENWELL, BENJAMIN E., Upjohn Fellow, Chemistry, one year beginning September 1, 1948, $1500 (6-18-48).
HEALY, JAMES H., Orton Foundation Fellow, Ceramic Engineering, ten months beginning September 1, 1948, $1000 (7-2-48).
KESLING, ROBERT V., California Company Fellow, Geology, nine months beginning September 16, 1948, $1250 (6-22-48).
KIM, KWANG-SUH, G. D. Searle Research Fellow, Clinical Science (Medicine), seven months beginning February 1, 1948, $140 a month (7-15-48).
KOENIG, KARL J., Shell Oil Company Fellow, Geology, nine months beginning September 16, 1948, $1200 (6-22-48).
KOHN, PAUL, Upjohn Fellow, Chemistry, one year beginning September 1, 1948, $1500 (6-18-48).
LENOIR, JOHN M., Pan-American Refining Corporation Fellow, Chemistry, nine months beginning September 16, 1948, $1000 (6-18-48).
MCCORMICK, MACK H., Upjohn Fellow, Chemistry, one year beginning September 1, 1948, $1500 (6-18-48).
SHEFFLER, PAUL W., Research Fellow, Physiology (Medicine), July 1-September 15, 1948, $170 a month (7-15-48).
STONE, HYMAN N., Pittsburgh Consolidation Coal Company Fellow, Chemistry, nine months beginning September 16, 1948, $1200 (6-18-48).
TASSLER, MILFORD C., Standard Oil Company of Indiana Fellow, Chemistry, nine months beginning September 16, 1948, $1000 (6-18-48).
TREVOY, DONALD J., Shell Oil Company Fellow, Chemistry, nine months beginning September 16, 1948, $1200 (6-18-48).

WERBER, FRANK X., William S. Merrell Company Fellow, Chemistry, nine months beginning September 16, 1948, $1000 (6-22-48).
WISHNER, JULIUS, United States Public Health Service Fellow, Psychology (Medicine), one year beginning July 1, 1948, $2000 (6-14-48).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

ANDERSON, MRS. LUCY J., Assistant, Agricultural Economics (S)—resignation effective 7-16-48.
ARNOLD, MRS. ELIZABETH A., Instructor, Foods and Nutrition Extension (Home Economics) (E)—declination effective 9-1-48.
ASH, J. E., Instructor, Theoretical and Applied Mechanics (C)—declination effective 9-1-48.
AUFDENKAMP, JO ANN, Commerce and Sociology Library Assistant—resignation effective 9-1-48.
BAUMAN, P. A., Electrical Engineering, Summer Session, 1948—cancellation effective 6-18-48.
BEDRICK, THEODORE, Instructor, Classics—declination effective 9-1-48.
BIRDZELL, RUTH, Research Assistant, Bureau of Economic and Business Research—declination effective 9-1-48.
BLOOM, L. H., Research Fellow, Pharmacology (Medicine)—resignation effective 7-1-48.
BRANSCOMB, L. C., JR., Associate Professor, Library Science, Assistant Director for Public Service Departments, Library—resignation effective 8-1-48.
BRANSCOMB, L. C., JR., Professor, Library Science, Assistant Director for Public Service Departments, Library—declination effective 9-1-48.
BROUGHTON, MRS. HELEN B., Periodical Assistant, Acquisition (Library)—declination effective 9-1-48.
BROWN, W. C., Associate Professor, Food Chemistry (Food Technology) (C & S)—declination effective 9-1-48.
CASSELS, W. H., Professor, Anesthesia, in Charge of the Division (Surgery) (Medicine), Professor, Anesthesia, Head of the Department (Research and Educational Hospitals)—resignation effective 9-1-48.
CASSELS, W. H., Professor, Anesthesia, in Charge of the Division (Surgery) (Medicine)—declination effective 9-1-48.
D'APPOLONIA, ELIO, Special Research Associate, Civil Engineering (S)—resignation effective 7-1-48.
DAVIS, R. E., Research Fellow, Clinical Science (Medicine)—resignation effective 7-1-48.
DICARLO, L. M., Associate Professor, Education—declination effective 9-1-48.
DISANTO, LOIS M., Documents Assistant, Acquisition (Library), rank of Instructor—resignation effective 8-11-48.
DISANTO, LOIS M., Documents Assistant, Acquisition (Library), rank of Instructor—declination effective 9-1-48.
DONOHUE, MARY L., Instructor, Humanities (Undergraduate Division in Galesburg)—declination effective 9-1-48.
EDWARDS, MRS. MARY H., Assistant Teacher, Nursery School (Division of Special Services for War Veterans)—declination effective 9-1-48.
FIROR, D. L., Assistant, Agricultural Engineering (C & S)—declination effective 9-1-48.
FLEMING, J. T., Fellow, Political Science—declination effective 9-16-48.
FURLONG, ELIZABETH J., Acquisition Librarian, rank of Instructor (Undergraduate Division in Chicago)—declination effective 9-1-48.
FUZAK, J. A., Education, Summer Session, 1948—declination effective 6-18-48.
GALLO, J. A., JR., Assistant Professor, Naval Science—termination effective 6-16-48.
GERLETZ, HARRIET T., Scholar, Chemistry—declination effective 9-16-48.
GIFFORD, C. W., Assistant Extension Editor, Instructor, Agricultural Extension (E)—resignation effective 6-16-48.
GLABE, G. R., Mathematics (Undergraduate Division in Galesburg), Summer Session, 1948—cancellation effective 6-18-48.
GORENZ, MARY L., Assistant Teacher, Nursery School (Division of Special Services for War Veterans)—resignation effective 8-31-48.

GROUT, JOAN H., Scholar, Political Science — declination effective 9-16-48.
HAINES, H. W., Economics, Summer Session, 1948 — cancellation effective 6-18-48.
HAMILTON, R. E., Special Research Assistant, Civil Engineering (S) — resignation effective 7-1-48.
HARMAN, DAVID, Research Assistant, Psychiatry (Medicine) — resignation effective 8-31-48.
HARRIS, ZIGMORE, Assistant Professor, Anesthesia (Surgery) (Medicine) — declination effective 9-1-48.
HAYNSWORTH, EMILIE V., Instructor, Mathematics (Undergraduate Division in Galesburg) — resignation effective 6-30-48.
HICKMAN, JANET E., Assistant, Home Economics Research (S) — resignation effective 6-1-48.
HLAVKA, G. E., Instructor, Mechanical Engineering (C) — declination effective 9-1-48.
HOLLEY, J. W., Instructor, Social Sciences (Undergraduate Division in Chicago) — resignation effective 6-30-48.
HUSSONG, R. V., Dairy Production, Summer Session, 1948 — cancellation effective 6-18-48.
JENNINGS, C. B., Associate Professor, Naval Science — termination effective 6-25-48.
JOHNSON, PHYLLIS E., Scholar, Chemistry — declination effective 9-16-48.
KAPLAN, MAX, Fellow, Sociology — declination effective 9-16-48.
KASCH, F. W., Assistant Professor, Physical Education for Men, Head of the Department (Chicago Professional Colleges) — declination effective 9-1-48.
KATZ, H. W., Electrical Engineering, Summer Session, 1948 — cancellation effective 6-18-48.
KERRIGAN, ANN, Assistant Teacher, Nursery School (Division of Special Services for War Veterans) — resignation effective 8-31-48.
KETCHUM, G. M., Assistant Professor, Mechanical Engineering (C) — declination effective 9-1-48.
KINGSBURY, ANNE E., Fellow, Classics — declination effective 9-16-48.
KNIGHT, J. D., Instructor, Chemistry — resignation effective 9-1-48.
KOENIG, VERNA L., Research Assistant, Institute of Communications Research — resignation effective 7-1-48.
KRIEGER, R. J., Instructor, Electrical Engineering (C & S) — declination effective 9-1-48.
LEUTHOLD, C. A., Instructor, Natural Sciences (Undergraduate Division in Galesburg) — declination effective 9-1-48.
LIVERIGHT, P. B., Research Assistant, Institute of Labor and Industrial Relations — resignation effective 9-15-48.
MCDANIEL, J. D., Assistant, Physical Education for Men (Undergraduate Division in Galesburg) — declination effective 9-16-48.
MILLIS, SALLY L., Assistant, Home Economics (C) — resignation effective 7-1-48.
MURRELL, T. A., Electrical Engineering, Summer Session, 1948 — cancellation effective 6-18-48.
NELSON, N. C., Engineering Sciences (Undergraduate Division in Galesburg), Summer Session, 1948 — cancellation effective 6-18-48.
NOLAND, PEARL, Instructor, Social Sciences (Undergraduate Division in Galesburg) — resignation effective 6-30-48.
PASQUA, PIETRO, Instructor, Mechanical Engineering (C) — declination effective 9-1-48.
PATTERSON, MARY M., Ground School Assistant, Institute of Aeronautics — resignation effective 6-29-48.
PENNINGTON, L. A., Associate Professor, Psychology — declination effective 9-1-48.
PHILLIPS, G. A., Instructor, Architecture — resignation effective 7-1-48.
PHIPPS, T. E., Chemistry, Summer Session, 1948 — cancellation effective 6-18-48.
PLEISSNER, ELLA D., Instructor and Supervisor, Occupational Therapy (Physical Medicine) (Research and Educational Hospitals) — declination effective 9-1-48.
REMINGTON, G. A., Speech, Summer Session, 1948 — cancellation effective 6-18-48.
RIGO, H. S., Assistant, Engineering Sciences (Undergraduate Division in Galesburg) — declination effective 9-16-48.

RITLAND, L. O., Mathematics (Undergraduate Division in Galesburg), Summer Session, 1948 — cancellation effective 6-18-48.
ROBBINS, E. W., Instructor, English — declination effective 9-1-48.
RODIA, J. S., Assistant, Chemistry (Pharmacy) — resignation effective 9-1-48.
RUSSELL, L. W., Third Year Resident, Orthopaedic Surgery (Research and Educational Hospitals) — resignation effective 6-30-48.
SAWHILL, C. E., Associate Professor, Music, Director, Music Extension — resignation effective 9-1-48.
SCHRANTZ, F. G., Natural Sciences (Undergraduate Division in Galesburg), Summer Session, 1948 — cancellation effective 6-18-48.
SEBENS, WILMA S., Instructor, Home Accounts Extension (Home Economics) (E) — declination effective 9-1-48.
SHEURING, J. J., Instructor, First Assistant, Dairy Technology (C & S) — declination effective 9-1-48.
SIEFERT, E. W., Engineering Sciences (Undergraduate Division in Galesburg), Summer Session, 1948 — cancellation effective 6-18-48.
SPRIGGS, H. R., Assistant, Chemistry (Pharmacy) — resignation effective 9-1-48.
STENN, SHERWIN, Instructor, Mechanical Engineering (C) — declination effective 9-1-48.
STOKES, KATHARINE M., Assistant Professor, Library Science, Circulation Librarian, Library — declination effective 9-1-48.
STORM, ROSEMARY, Personnel Technician, Student Personnel Bureau — declination effective 9-1-48.
THOMAS, ALICE M., Assistant, Humanities (Undergraduate Division in Galesburg) — declination effective 9-16-48.
TREZISE, F. W., Engineering Sciences (Undergraduate Division in Galesburg), Summer Session, 1948 — cancellation effective 6-18-48.
TURSICH, J. A., Assistant, Chemistry (Pharmacy) — resignation effective 9-1-48.
WARD, HUBERT, Assistant, Naval Science — termination effective 6-23-48.
WINGER, H. W., Bookstacks Librarian, Library, rank of Instructor — declination effective 9-1-48.

CLINICAL FACULTY OF THE COLLEGE OF MEDICINE

(All appointments are for one year from September 1, 1948, unless otherwise indicated.)

Summary

Department	*1947-1948*	*1948-1949*
Anatomy	4	6
Bacteriology and Public Health	9	9
Biological Chemistry	3	2
Clinical Science	..	2
Criminology and Legal Medicine	13	12
Dermatology	21 (1)[1]	19 (2)[1]
Illustration Studios	..	1
Medicine	198 (11)	182 (11)
Neurology and Neurological Surgery	15 (1)	14 (1)
Obstetrics and Gynecology	50 (8)	54 (8)
Ophthalmology	35 (4)	49 (3)
Orthopaedic Surgery	18	18
Otolaryngology	39 (2)	37 (2)
Pathology	19	17
Pediatrics	53 (3)	48 (4)
Pharmacology	3	5
Physical Medicine	..	5
Physiology	3	5
Psychiatry	34 (1)	43 (2)
Radiology	11	12
Surgery (including Urology and Anesthesia)	108 (5)	104 (7)
Total	636 (36)[1]	644 (40)[1]

[1] The figures in parenthesis indicate the number of emeritus members.

Anatomy

VERBRUGGHEN, ADRIEN, B.M., Ch.M., M.S., Clinical Professor of Neurological Surgery (Rush), assigned to Anatomy part time
MILLER, EDWIN M., A.B., M.D., Clinical Professor of Surgery (Rush), assigned to Anatomy part time
STRAUS, FRANCIS H., B.S., M.D., Clinical Associate Professor of Surgery (Rush), assigned to Anatomy part time
ZIMRING, ALLAN J., B.S., M.D., Instructor
MARLOWE, WILLIAM H., M.D., Assistant
CIPOLLA, ARTHUR F., M.D., Assistant

Bacteriology and Public Health

SHAUGHNESSY, HOWARD J., Ph.D., Professor
FORSTER, GEORGE F., Ph.D., Assistant Professor
HULL, THOMAS G., Ph.D., Assistant Professor
KLASSEN, CLARENCE W., B.S., Assistant Professor
MCDANIELS, HERBERT E., Ph.D., Assistant Professor
PISZCZEK, EDWARD A., B.S., M.P.H., M.D., Assistant Professor
ROSENTHAL, SOL R., Ph.D., M.D., Assistant Professor
RUBIN, HENRY H., B.S., M.D., Assistant Professor
MORSE, KENNETH M., M.S., Instructor

Biological Chemistry

MACFADYEN, DOUGLAS A., A.M., M.D., Professor (Rush) (*Indefinite*)
HORWITT, MAX K., Ph.D., Assistant Professor

Clinical Science

KRASNO, LOUIS R., Ph.D., M.D., Assistant Professor
GUNTER, MARTIN J., M.D., Ph.D., Clinical Instructor

Criminology and Legal Medicine

DARROW, CHESTER W., Ph.D., Clinical Associate Professor
FRENCH, THOMAS M., A.B., M.D., Clinical Associate Professor
BARRICK, ROY G., M.D., Clinical Assistant Professor
FALSTEIN, EUGENE I., B.S., M.D., Clinical Assistant Professor
GREENBERG, HAROLD A., M.D., Clinical Assistant Professor
HAINES, WILLIAM H., B.S., M.D., Clinical Assistant Professor
SLOMAN, SOPHIE S., B.S., M.D., Clinical Assistant Professor (see also Psychiatry)
BRANDON, RODNEY H., Lecturer in Public Welfare Administration
LINCK, LAWRENCE J., M.S., Lecturer in Public Welfare Administration
PERCE, FRANCES C., M.S., Clinical Associate
WEINFELD, GUSTAV F., M.D., Clinical Associate
ALTMAN, CHARLOTTE H., A.M., Clinical Instructor

Dermatology

ORMSBY, OLIVER S., M.D., Rush Professor, *Emeritus*
MITCHELL, JAMES H., M.D., Clinical Professor (Rush), *Emeritus*
WEBER, LEONARD F., M.D., Clinical Professor
EBERT, MICHAEL H., A.B., M.D., Clinical Associate Professor (Rush)
FINNERUD, CLARK W., B.S., M.D., Clinical Associate Professor (Rush)
PERLSTEIN, MINNIE O., B.S., M.D., Clinical Associate Professor
NEUHAUSER, IRENE, B.S., M.D., Clinical Assistant Professor
HETREED, FRANCIS W., M.D., Clinical Associate (Rush)
ROLL, HARVEY C., B.S., M.D., Clinical Associate
BOSWELL, PAUL P., A.B., M.D., Clinical Instructor
BUCHHOLZ, ALEXANDER M., M.S., M.D., Clinical Instructor
GRIFFITH, PAUL R., A.B., M.D., Clinical Instructor

OMENS, DAVID V., M.D., Clinical Instructor (Rush)
SLEPYAN, ALBERT H., B.S., M.D., Clinical Instructor
OMENS, HAROLD D., M.D., Clinical Assistant (Rush)
SCULL, RALPH H., B.S., M.D., Clinical Assistant (Rush)
OLIVER, RICHARD M., A.B., M.D., Clinical Assistant
PALITZ, LAWRENCE L., Ph.D., M.D., Clinical Assistant
ROBIN, MILTON, B.S., M.D., Clinical Assistant

Illustration Studios

LINDEN, CARL T., Instructor in Medical Illustration

Medicine

BROWN, RALPH C., B.S., M.D., Clinical Professor (Rush), *Emeritus*
HERRICK, JAMES B., A.B., LL.D., M.D., Clinical Professor (Rush), *Emeritus*
IRONS, ERNEST E., Ph.D., M.D., Clinical Professor (Rush), *Emeritus*
POST, WILBER E., Ph.D., M.D., Clinical Professor (Rush), *Emeritus*
STRAUSS, SIDNEY, A.B., M.D., Clinical Professor, *Emeritus*
TICE, FREDERICK, M.D., Clinical Professor, *Emeritus*
WOODYATT, ROLLIN T., B.S., M.D., Clinical Professor (Rush), *Emeritus*
ARKIN, AARON, Ph.D., M.D., Clinical Professor (Rush)
ARMSTRONG, S. HOWARD, JR., A.B., M.D., Professor (Rush)
CAMPBELL, LEO K., B.S., M.D., Clinical Professor (Rush)
EYERLY, JAMES B., B.S., M.D., Clinical Professor (Rush)
FREILICH, ELLIS B., M.D., Clinical Professor (*Indefinite*)
GATEWOOD, LEE C., A.M., M.D., Clinical Professor (Rush)
HIBBS, WILLIAM G., B.S., M.D., Clinical Professor (Rush)
KELLY, FRANK B., B.S., M.D., Clinical Professor (Rush)
MEYER, JACOB, M.S., M.D., Clinical Professor (*Indefinite*)
SLOAN, LEROY H., B.S., M.D., Clinical Professor (*Indefinite*)
THOMAS, WILLIAM A., Ph.B., M.D., Clinical Professor (Rush)
THOMPSON, WILLARD O., B.S., M.D., Clinical Professor
CHAUVET, FRANK D., M.D., Clinical Associate Professor, *Emeritus*
GOLDBERG, BENJAMIN, M.D., Clinical Associate Professor, *Emeritus*
FELDMAN, LOUIS, B.S., M.D., Clinical Associate Professor
FORAN, FRANCIS L., M.S., M.D., Clinical Associate Professor (Rush)
KARK, ROBERT M., A.B., M.R.C.S., L.R.C.P., M.R.C.P., D.C.H., Clinical Associate Professor
LUNDY, CLAYTON J., M.S., M.D., Clinical Associate Professor (Rush)
LUSK, FRANK B., A.M., M.D., Clinical Associate Professor
PERNOKIS, EVANS W., M.D., Clinical Associate Professor (Rush)
PORTIS, SIDNEY A., B.S., M.D., Clinical Associate Professor (Rush)
RABENS, ISIDORE A., M.S., M.D., Clinical Associate Professor
RAGINS, OSCAR B., M.S., M.D., Clinical Associate Professor
RAPPAPORT, BEN Z., M.S., M.D., Clinical Associate Professor
SHEAFF, HOWARD M., Ph.D., M.D., Clinical Associate Professor (Rush)
TRAUT, EUGENE F., B.S., M.D., Clinical Associate Professor (Rush)
TRIMMER, RALPH W., M.D., Clinical Associate Professor (Rush)
FREDRICKSON, FREDERICK O., M.D., Assistant Professor (Rush), *Emeritus*
WILSON, FRANKLIN S., Ph.G., M.D., Assistant Professor (Rush), *Emeritus*
ABRAMSON, DAVID I., M.D., Clinical Assistant Professor
AFREMOW, MELVIN L., M.S., M.D., Clinical Assistant Professor
AMTMAN, LEO E., B.S., M.D., Clinical Assistant Professor
BARTON, EVAN M., A.B., M.D., Clinical Assistant Professor (Rush)
BERNSTEIN, ARTHUR, B.S., M.D., Clinical Assistant Professor
BOIKAN, WILLIAM S., M.S., M.D., Clinical Assistant Professor
BUTLER, STUYVESANT, Ph.B., M.D., Clinical Assistant Professor (Rush)
CALLOWAY, NATHANIEL O., Ph.D., M.D., Clinical Assistant Professor
CAMPBELL, JAMES A., M.D., Assistant Professor (Rush)
CARTER, JAY B., M.S., M.D., Clinical Assistant Professor (Rush)
DEUSS, HUGO O., B.S., M.D., Clinical Assistant Professor
FISCHER, JACOB W., B.S., M.D., Clinical Assistant Professor

FISHBEIN, MORRIS, B.S., M.D., Phar.D., Clinical Assistant Professor (Rush)
GARDINER, JOHN A., A.M., M.D., Clinical Assistant Professor (Rush)
GRAY, EARLE, B.S., M.D., Clinical Assistant Professor (Rush)
HILKEVITCH, BENJAMIN H., M.D., Clinical Assistant Professor (Rush)
JONES, ROBERT M., A.B., M.D., Clinical Assistant Professor
KNIGHT, ALVA A., B.S., M.D., Clinical Assistant Professor (Rush)
LEVITT, ROBERT O., A.B., M.D., Clinical Assistant Professor
LICHTENSTEIN, MEYER R., M.S., M.D., Clinical Assistant Professor
MCMILLAN, J. CHARLES, JR., B.S., M.D., Clinical Assistant Professor
MOSKO, MILTON M., B.S., M.D., Clinical Assistant Professor
PAUL, JEROME T., M.S., M.D., Clinical Assistant Professor
PROPST, DUANE W., A.B., B.S., M.D., Clinical Assistant Professor
ROBERG, NORMAN B., M.D., Clinical Assistant Professor
ROSENBLUM, SAMUEL H., B.S., M.D., Clinical Assistant Professor
SCHWARTZ, STEVEN O., M.D., Clinical Assistant Professor
SPELLBERG, MITCHELL A., M.S., M.D., Clinical Assistant Professor
STECK, IRVING E., M.S., M.D., Clinical Assistant Professor
STRAUS, ELIZABETH K., A.B., M.D., Clinical Assistant Professor (Rush)
STUPPY, GEORGE W., Ph.D., M.D., Clinical Assistant Professor (Rush)
TAYLOR, SAMUEL G., III, A.B., M.D., Clinical Assistant Professor (Rush)
WOOD, WILLARD L., M.S., M.D., Clinical Assistant Professor (Rush)
WOODRUFF, LEWIS W., B.S., M.D., Clinical Assistant Professor (Rush)
BAIRD, THOMAS A., B.S., M.D., Clinical Associate (Rush)
BECKER, ISRAEL, B.S., M.D., Clinical Associate
BENNETT, JOSEPH R., A.B., M.D., Clinical Associate (Rush)
BERG, MAX, Ph.D., M.D., Clinical Associate
BREUHAUS, HERBERT C., B.S., M.D., Clinical Associate (Rush)
BROWNSTEIN, STANLEY, B.S., M.D., Clinical Associate (Rush)
BYFIELD, GEORGE V., M.S., M.D., Clinical Associate
COE, GEORGE C., B.S., M.D., Clinical Associate
DREYER, IRVING P., M.S., M.D., Clinical Associate
HOOVER, HAROLD M., B.S., M.D., Clinical Associate
HUTCHISON, WILLIAM A., M.D., Clinical Associate
JOHNSTON, KENNETH C., B.S., M.D., Clinical Associate
KAPLAN, MORRIS A., M.D., M.S., Clinical Associate
KIRBY, WILLIAM J., B.S., M.D., Clinical Associate (Rush)
RICEWASSER, HENRY, B.S., A.B., M.D., Clinical Associate
RITTER, ISRAEL I., B.S., M.D., Clinical Associate
ROSENBLUM, ALFRED H., B.S., M.D., Clinical Associate
SIMKIN, MAURICE, B.S., M.D., Clinical Associate (Rush)
SIMKIN, WILLIAM, B.S., M.D., Clinical Associate (Rush)
TURNER, GEORGE C., B.S., M.D., Clinical Associate (Rush)
WILLIAMS, J. LISLE, A.M., M.D., Clinical Associate
AKRE, OSMUND H., A.B., M.D., Clinical Instructor (Rush)
BALEIKO, WALTER F., M.D., Clinical Instructor
BEINAR, PETER J., B.S., M.D., Clinical Instructor
BERNSTEIN, MAX M., B.S., M.D., Clinical Instructor
BROWN, RALPH G., A.B., M.D., Clinical Instructor (Rush)
CARSTENS, H. PAUL, M.S., M.D., Clinical Instructor
CRONHEIM, ERNST, M.D., Clinical Instructor
DICKEY, MARVIN M., M.D., Clinical Instructor (Rush)
DITKOWSKY, SAMUEL E., B.S., M.D., Clinical Instructor
DORMAN, HENRY P., Ph.D., M.D., Clinical Instructor
EDIDIN, LOUIS, B.S., M.D., Clinical Instructor
FEINHANDLER, EMANUEL J., B.S., M.D., Clinical Instructor
FISHKIN, MARTIN, B.S., M.D., Clinical Instructor
GALT, RAYMOND M., A.B., M.D., Clinical Instructor
GEPHARDT, MAURICE L., A.B., M.D., Clinical Instructor
GONDEK, FRANK R., B.S., M.D., Clinical Instructor (also Senior Resident in Medicine at Research and Educational Hospitals, with salary)
GREGORIO, JOHN T., M.D., Clinical Instructor
GROSZ, EUGENE, M.D., Clinical Instructor

GUNTHER, AARON, B.S., M.D., Clinical Instructor
GURVEY, JULIUS A., B.S., M.D., Clinical Instructor
HARTMAN, ESLIE, A.B., M.D., Clinical Instructor
HENNEMEYER, RUDOLPH, M.D., Clinical Instructor (Rush)
HORWITZ, HARVEY, B.S., M.D., Clinical Instructor
HYMAN, SAMUEL, M.P.H., B.S., M.D., Clinical Instructor
IRONS, EDWIN N., B.S., M.D., Clinical Instructor (Rush)
JANSON, C. HELGE M., B.S., M.D., Clinical Instructor (Rush)
KESLER, ROLAND L., A.B., M.D., Clinical Instructor (Rush)
KINNEY, JANET R., B.S., M.D., Clinical Instructor
LEFF, CHARLES I., B.S., M.D., Clinical Instructor (Rush)
LEVINE, HOWARD J., B.S., M.D., Clinical Instructor
MEHLMAN, JEROME S., A.B., M.D., Clinical Instructor
NECHELES, JOHN R., M.D., Clinical Instructor
NELSON, BERTRAM G., M.D., Clinical Instructor (Rush)
PAUL, OGLESBY, A.B., M.D., Clinical Instructor (Rush)
PERLMAN, LAWRENCE, B.S., M.D., Clinical Instructor
PETRAKOS, HARRY N., B.S., M.D., Clinical Instructor
POLLEY, THEODORE Z., B.S., M.D., Clinical Instructor
POST, JOHN, B.S., M.D., Clinical Instructor (Rush)
RAVENNA, PAUL, M.D., Clinical Instructor
RHETTA, HELEN L., A.B., M.D., Clinical Instructor
SAPIENZA, ANTHONY R., B.S., M.D., Clinical Instructor
SCHICK, ARMIN F., B.S., M.D., Clinical Instructor (Rush)
SCHWARTZ, HARRY R., B.S., M.D., Clinical Instructor
SINGER, JOHN D., B.S., M.D., Clinical Instructor
SLADEK, WILLIAM R., B.S., M.D., Clinical Instructor
TIMBLIN, WILLIAM S., B.S., M.D., Clinical Instructor
WIEN, NORMAN A., M.D., Clinical Instructor
WOLF, ALEXANDER, B.S., M.D., Clinical Instructor
YELLEN, HARRY J., B.S., M.D., Clinical Instructor
ZELLER, MICHAEL, M.D., Clinical Instructor
AREN, MARVIN W., B.S., M.D., Clinical Assistant
BEAUBIEN, MARK S., B.S., M.D., Clinical Assistant (Rush)
BECK, CHARLES A., M.S., M.D., Clinical Assistant
BERKE, ROBERT D., M.D., Clinical Assistant
BETZ, ELDEAN G., A.B., M.D., Clinical Assistant (Rush)
BICA, GAETANO A., B.S., M.D., Clinical Assistant
BRETZ, WILLIAM E., B.S., M.D., Clinical Assistant (Rush)
CHERTACK, MELVIN M., B.S., M.D., Clinical Assistant (also Resident in Medicine at Research and Educational Hospitals, with salary)
COTELL, HARRY, B.S., M.D., Clinical Assistant
COYNE, ALBERT D., B.S., M.D., Clinical Assistant
DELSON, BETTY, B.S., M.D., Clinical Assistant
DONOVAN, DANIEL L., M.D., Clinical Assistant (Rush)
EHRLICH, NORMAN J., B.S., M.S., M.D., Clinical Assistant
FARAGO, PETER J., M.D., Clinical Assistant (Rush)
FISHER, DON L., B.S., M.D., Clinical Assistant (Rush)
FRANZBLAU, SANFORD A., M.S., M.D., Clinical Assistant
GIANASI, CHARLES A., A.B., M.D., Clinical Assistant (also Resident in Medicine at Research and Educational Hospitals, with salary)
GOSSARD, FOSTER E., M.D., Clinical Assistant
GRISSOM, ROBERT L., M.S., M.D., Clinical Assistant
HARTLEY, HENRIETTA S., M.D., Clinical Assistant
HISS, FREDERICK W., M.D., Clinical Assistant (Rush)
JESSER, JOSEPH H., B.S., M.D., Clinical Assistant
JORANSON, ROBERT E., B.S., M.D., Clinical Assistant (Rush)
KALB, CLIFFORD H., M.D., Clinical Assistant
KATZ, HENRIETTA, B.S., M.D., Clinical Assistant
LUBIN, JEROME J., B.S., M.D., Clinical Assistant
MAYRAND, ELIZABETH, B.S., M.D., Clinical Assistant

McBRIDE, DONALD F., B.S., M.D., Clinical Assistant (Rush)
MEREDITH, PAUL A., A.B., B.M., M.D., Clinical Assistant (also Resident in Medicine at Research and Educational Hospitals, with salary)
O'BRIEN, DONALD E., M.D., Clinical Assistant (Rush)
PECKLER, DAVID A., B.S., M.D., Clinical Assistant
ROSENBLUM, ABRAHAM I., B.S., M.D., Clinical Assistant
SCALA, RALPH A., LL.B., M.D., Clinical Assistant
SCHNAER, IRA L., M.D., Clinical Assistant (Rush)
SLOTT, IRVING, B.S., M.D., Clinical Assistant
STINE, LEONARD A., M.S., M.D., Clinical Assistant
WEHRSPANN, DONALD H., A.B., M.D., Clinical Assistant
WEISS, EUGENE, M.S., M.D., Clinical Assistant
YONAN, JOHN B., M.D., Clinical Assistant
YOUNG, CHARLES W., M.D., Clinical Assistant (also Resident in Medicine at Research and Educational Hospitals, with salary)
PRESLEY, SOPHIE J., M.D., Research Assistant

Neurology and Neurological Surgery

AVERY, LOREN W., A.B., M.D., Clinical Professor of Neurology (Rush)
VERBRUGGHEN, ADRIEN, B.M., Ch.M., M.S., Clinical Professor of Neurological Surgery (Rush), assigned to Anatomy part time
LICHTENSTEIN, BEN W., B.S., M.D., Associate Professor of Neurology
HAASE, ERNST, M.D., Clinical Assistant Professor of Neurology
ZEITLIN, HOWARD, M.S., M.D., Clinical Assistant Professor of Neurology
HARDT, HARRY G., Ph.G., M.D., Clinical Associate in Neurology (Rush), *Emeritus*
SPEIGEL, I. J., M.D., Clinical Instructor in Neurosurgery
TEXTOR, CHARLES S., II, M.S., M.D., Clinical Instructor in Neurosurgery (Rush)
VON WITZLEBEN, HENRY D., M.D., Clinical Instructor in Neurology
ZOLT, NATHAN, M.D., Clinical Instructor in Neurology
GARVIN, JOHN S., B.S., M.D., Clinical Assistant
HOLDEN, LAWRENCE B., M.D., Clinical Assistant (also Resident at Research and Educational Hospitals, with salary)
PAGET, JOHN F., A.B., M.D., Clinical Assistant in Neurological Surgery (Rush)
POWELL, CHESTER B., B.S., M.D., Clinical Assistant (also Resident at Research and Educational Hospitals, with salary)
SUGAR, OSCAR, Ph.D., M.D., Clinical Assistant (also Resident at Research and Educational Hospitals, with salary)

Obstetrics and Gynecology

HOLMES, RUDOLPH W., M.D., Professor (Rush), *Emeritus*
WEBSTER, JOHN C., M.D., Professor (Rush), *Emeritus*
BAER, JOSEPH L., M.S., M.D., Clinical Professor (Rush), *Emeritus*
HEANEY, NOBEL S., A.B., M.D., Clinical Professor (Rush), *Emeritus*
ALLEN, EDWARD D., B.S., M.D., Clinical Professor (Rush)
KANTER, AARON E., M.S., M.D., Clinical Professor (Rush)
HAMMOND, WALTER C., M.D., Clinical Assistant Professor, *Emeritus*
LANG, JOHN M., M.D., Clinical Assistant Professor, *Emeritus*
NEWBERGER, CHARLES, B.S., M.D., Clinical Assistant Professor, *Emeritus*
STONE, FRANK L., M.D., Clinical Assistant Professor, *Emeritus*
BOLEY, MICHAEL H., B.S., M.D., Clinical Assistant Professor
BOYSEN, HARRY, B.S., M.D., Clinical Assistant Professor (Rush)
KLAWANS, ARTHUR H., B.S., M.D., Clinical Assistant Professor (Rush)
KOBAK, ALFRED J., M.S., M.D., Clinical Assistant Professor
LASH, ABRAHAM F., M.D., Ph.D., Clinical Assistant Professor
LIFVENDAHL, RICHARD A., B.S., M.D., Clinical Assistant Professor
PRIEST, FRED O., A.B., M.D., Clinical Assistant Professor (Rush)
SERED, HARRY, M.D., Clinical Assistant Professor
CAREY, CLAIR M., B.S., M.D., Clinical Associate
DARO, AUGUST F., M.D., Clinical Associate
DRAA, CECIL C., B.S., M.D., Clinical Associate (Rush)

TETON, JOSEPH B., B.S., M.D., Clinical Associate
WALSH, FRANK J., M.D., Clinical Associate
BACON, ALFONS R., B.S., M.D., Clinical Instructor
BAUM, HUGO C., B.S., M.D., Clinical Instructor (Rush)
BERGMANN, HARRY W., M.D., Instructor (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-48*)
BRAND, ASHLEY M., B.S., M.D., Clinical Instructor
DELEE, SOL T., B.S., M.S., M.D., Clinical Instructor
GLENNER, ROBERT J., B.S., M.D., Clinical Instructor
LOYND, JAMES W., II, M.D., Instructor (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-48*)
MOUZAKEOTIS, THEODORE C., B.S., M.D., Clinical Instructor
SMITH, C. OTIS, A.B., B.S., M.D., Clinical Instructor
WADDINGTON, HARRY K., B.S., M.D., Instructor (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-48*)
ANDRESEN, RICHARD H., M.D., Clinical Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-48*)
ANGELL, JOSEPH S., M.D., Clinical Assistant (Rush)
BREISTER, BENJAMIN M., M.D., Clinical Assistant (Rush)
BRUMME, MARVIN R., M.D., Clinical Assistant
CUNNINGHAM, THOMAS R., M.D., Clinical Assistant (Rush)
CHESS, DOROTHY A., B.S., M.D., Clinical Assistant
KARRAKER, RICHARD W., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-48*)
LOBRAICO, ROCCO V., JR., B.S., M.D., Clinical Assistant (also Resident at Research and Educational Hospitals, with salary)
LUTZ, J. FREDERICK, B.S., M.D., Clinical Assistant (Rush)
MCDOUGAL, THOMAS C., B.S., M.D., Clinical Assistant
NANZIG, REINARD P., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-48*)
NETTLES, JOHN B., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary)
PETERSON, LOWELL F., M.D., Clinical Assistant (Rush)
POWERS, GEORGE, A.B., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-48*)
ROGERS, STANLEY F., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-48*)
ROLD, DALE A., M.D., Clinical Assistant (Rush)
SMITH, HAROLD E., B.S., M.D., Clinical Assistant
SYKORA, LAWRENCE J., M.D., Clinical Assistant
WHITLOCK, RICHARD F., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-48*)
YOUNG, CLARKE M., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-48*)

Ophthalmology

BROWN, EDWARD V. L., B.S., M.D., Clinical Professor (Rush), *Emeritus*
DARLING, CHARLES G., M.D., Clinical Professor (Rush), *Emeritus*
GRADLE, HARRY S., A.B., M.D., Professor, *Emeritus*
BOTHMAN, LOUIS, B.S., M.D., Clinical Professor
MONCREIFF, WILLIAM F., M.S., M.D., Clinical Professor (Rush)
DONEGAN, JUSTIN M., M.D., Associate Professor (Rush)
ALLEN, THOMAS D., A.B., M.D., Clinical Associate Professor (Rush)
APPLE, CARL, B.S., M.D., Clinical Associate Professor
FOWLER, EARLE B., B.S., M.D., Clinical Associate Professor (Rush)
RISER, ROY O., B.S., M.D., Clinical Associate Professor
CLARK, JAMES W., B.S., M.D., Clinical Assistant Professor
COWEN, JACK P., B.S., M.D., Clinical Assistant Professor
FOLK, MARTHA R., M.D., Clinical Assistant Professor
JACOBSON, MAX M., B.S., M.D., Clinical Assistant Professor (Rush)
LEECH, VERNON M., M.D., Clinical Associate (Rush)

BENFORD, MYRON C., B.S., M.D., Instructor (also Associate Medical Director of Research and Educational Hospitals)
BROOKS, ROOSEVELT, M.D., Clinical Instructor
COX, FRED G., B.S., M.D., Clinical Instructor
CRANE, CYRIL V., B.S., M.D., Clinical Instructor (Rush)
FOX, NATHAN H., M.D., Clinical Instructor
LEARSY, CHARLES A., M.D., Clinical Instructor (Rush)
MERZ, EARL, Ph.C., B.S., M.D., Clinical Instructor
MUNDT, G. HENRY, JR., M.D., Clinical Instructor
ROSS, PERRY, Ph.G., M.D., Clinical Instructor
SCHERIBEL, KARL J., B.S., M.D., Clinical Instructor (Rush)
SNYDACKER, DANIEL, M.D., Clinical Instructor
STERNBERG, PAUL, B.S., M.D., Clinical Instructor
ZEKMAN, THEODORE N., A.B., M.D., Clinical Instructor
SCHULTZ, ABRAHAM, M.D., Research Instructor
PARKER, JOHN T., M.D., Assistant (*6 months from 7-1-48*)
BREAKSTONE, EDGAR O., Ph.G., B.S., M.D., Clinical Assistant
FORDON, LEONA R., M.D., Clinical Assistant
LILLY, MILTON, B.S., M.D., Assistant
ROCK, FREDERICK, B.S., M.D., Assistant
GARNER, LAWRENCE L., M.D., Assistant
PETERSON, JOHN, B.S., M.D., Assistant
PUSHKIN, EDWARD, B.S., M.D., Assistant
BARD, GEORGE W., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-48*)
BARRETT, CHARLES V., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-48*)
HALL, JAMES M., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-48*)
BIEGEL, ALBERT C., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-48*)
BROWNING, CARROLL W., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-48*)
FLOYD, GLEN, A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-48*)
JOHNSON, MERLIN H., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-48*)
SCHWARTZ, LEOPOLD H., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-48*)
ROSENBERG, A. J., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-48*)
OLENICK, EVERETT J., M.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-48*)
MIDDLETON, WILLIAM H., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-48*)
FITZGERALD, GEORGE T., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-48*)

Orthopaedic Surgery

BERKHEISER, ELVIN J., A.B., M.D., Clinical Associate Professor (Rush)
MURPHY, FRANK G., B.S., M.D., Clinical Assistant Professor
GRIMMER, EVERETT A., D.D.S., Clinical Associate
MARSHALL, WILLIAM A., B.S., M.D., Clinical Associate
MILLER, LEO F., B.S., M.D., Clinical Associate
TURNER, HORACE E., B.S., M.D., Clinical Associate
FARRINGTON, JOSEPH D., A.B., M.D., Clinical Instructor
SHAPIRO, FRED, B.S., M.D., Clinical Instructor (Rush)
VARZINO, LOUIS S., B.S., M.D., Clinical Instructor (Rush)

LOVE, WILLARD H., B.S., M.D., Instructor (also Senior Resident at Research and Educational Hospitals, with salary)
PHILLIPS, PAUL W., A.B., M.D., Instructor (also Senior Resident at Research and Educational Hospitals, with salary)
EICHELBAUM, KURT, M.D., Clinical Assistant
CRAIN, ALAN R., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-48*)
FLYNN, CHARLES T., JR., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary)
JOFFE, HERMAN, M.S., M.D., Clinical Assistant
JONES, KENNETH G., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary)
LIDGE, RALPH T., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary)
BECHTOL, ROBERT C., B.S., M.D., Assistant

Otolaryngology

HOLLENDER, ABRAHAM R., M.S., M.D., Professor, *Emeritus*
HAYDEN, DANIEL B., A.M., M.D., Clinical Professor (Rush), *Emeritus*
THEOBALD, WALTER H., B.S., M.D., Clinical Associate Professor
VAN ALYEA, OLIVER E., M.D., Clinical Associate Professor
WATKINS, RICHARD W., B.S., M.D., Clinical Associate Professor (Rush)
ANDREWS, ALBERT H., M.S., M.D., Clinical Assistant Professor in Bronchoesophagology
CAMPBELL, PAUL A., B.S., M.D., Clinical Assistant Professor (Rush)
FABRICANT, NOAH, M.S., M.D., Clinical Assistant Professor
FOX, NOAH, B.S., M.D., Clinical Assistant Professor
FRIEDBERG, STANTON A., A.B., M.D., Clinical Assistant Professor
LEWIS, G. KENNETH, B.S., M.D., Clinical Assistant Professor
LEWY, ROBERT B., B.S., M.D., Clinical Assistant Professor
LIVINGSTON, GEORGE S., M.S., M.D., Clinical Assistant Professor
MORWITZ, SAMUEL M., B.S., M.D., Clinical Assistant Professor
SCOTT, GORDON H., M.D., Clinical Assistant Professor (Rush)
SHAPIRO, SHERMAN L., B.S., M.D., Clinical Assistant Professor
SPIESMAN, IRWIN G., B.S., M.D., Clinical Assistant Professor
WALLNER, LINDEN J., B.S., M.D., Clinical Assistant Professor (Rush)
WOJNIAK, FRANK, M.D., Clinical Assistant Professor (Rush)
BECKER, OSCAR J., B.S., M.D., Clinical Associate
BLUMKLOTZ, BRUNO, M.D., Clinical Associate
COOMBS, ARTHUR J., B.S., M.D., Clinical Associate
LESHIN, NORMAN, B.S., M.D., Clinical Associate
SAVITT, LOUIS, M.D., Clinical Associate
BLUMENTHAL, HELMUT, M.D., Clinical Instructor
CUTLER, MAX H., B.S., M.D., Clinical Instructor
FEINBERG, LOUIS, B.S., M.D., Clinical Instructor
GREENE, LOIS D., A.B., M.D., Clinical Instructor
MATZKIN, LLOYD L., B.S., M.D., Clinical Instructor
PELLETTIERE, EDMUND V., B.S., M.D., Clinical Instructor
POLLOCK, FREDERIC J., B.S., M.D., Clinical Instructor
ANDERSON, HAROLD W., B.S., M.D., Clinical Assistant
HOELTGEN, MAURICE M., B.S., M.D., Clinical Assistant
ITTKIN, PAUL, B.S., M.D., Instructor (also Resident at Research and Educational Hospitals, with salary) (*6 months from 7-1-48*)
NIANICK, LEONARD, B.S., M.D., Instructor (also Resident at Research and Educational Hospitals, with salary) (*6 months from 7-1-48*)
ANISON, GEORGE, B.S., M.D., Assistant (*1 year from 7-1-48*) (also Resident Fellow without salary until December 31, 1948, then Resident with salary until June 30, 1949)
GOODMAN, WILLIAM, A.B., M.D., Assistant (*1 year from 7-1-48*) (also Resident Fellow without salary until December 31, 1948, then Resident with salary until June 30, 1949)

Pathology

HASS, GEORGE M., M.D., Professor (Rush) (*Indefinite*)
LEVINSON, SAMUEL A., M.D., Ph.D., Professor (Clinical Pathology), assigned to Medicine part time (*Indefinite*) (also Director of Hospital Laboratory, with salary)
SAPHIR, OTTO, M.D., Clinical Professor
KEARNS, JERRY J., B.S., M.D., Clinical Assistant Professor
STEINMEYER, HERBERT P., B.S., M.D., D.D.S., Assistant Professor (also in Dentistry, with salary)
PARMACEK, LOUIS, B.S., M.D., Clinical Associate
DRESKIN, ERVING A., B.S., M.D., Instructor
HARDRE, RENE, A.B., B.S., M.D., Instructor (Rush)
MCGREW, ELIZABETH A., A.B., M.D., Instructor (also Assistant Pathologist in Research and Educational Hospitals, with salary)
TAYLOR, CHARLES B., B.S., M.D., Clinical Instructor (Rush)
AYER, JOHN P., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital)
CAULDWELL, EARL W., M.S., M.D., Assistant (also Resident at Illinois Masonic Hospital)
DORSEY, DENNIS B., A.B., M.D., Assistant (also Resident at Augustana Hospital)
ERICKSON, ETHEL E., B.S., M.D., Assistant (*1 year from 7-1-48*) (also Resident at Research and Educational Hospitals, with salary)
MALONEY, JOHN E., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital)
SCHWEITZER, ALBERT M., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital)
STONE, FRED D., B.S., M.D., Assistant (also Resident at Michael Reese Hospital)

Pediatrics

HESS, JULIUS H., M.D., Professor, *Emeritus*
GRULEE, CLIFFORD G., A.M., LL.D., M.D., Rush Clinical Professor, *Emeritus*
HOYNE, ARCHIBALD L., A.B., B.S., M.D., Clinical Professor (Rush), *Emeritus*
BEVERLY, BERT I., A.M., M.D., Clinical Associate Professor (Rush)
BUTLER, CRAIG D., B.S., M.D., Clinical Associate Professor (Rush)
KOBES, HERBERT R., M.D., Clinical Associate Professor
STULIK, CHARLES K., Ph.G., Ph.C., B.S., M.D., Clinical Associate Professor (Rush)
ALLIN, FRANK W., A.M., M.D., Assistant Professor (Rush), *Emeritus*
BOWER, LESTER E., A.B., M.D., Clinical Assistant Professor
FRAUENBERGER, GEORGE S., M.S., M.D., Clinical Assistant Professor
GASUL, BENJAMIN M., B.S., M.D., Clinical Assistant Professor
HALPERN, LOUIS J., B.S., M.D., Clinical Assistant Professor
HARRISON, C. JACK, B.S., M.D., Clinical Assistant Professor (Rush)
HOFFMAN, SAMUEL J., B.S., M.D., Clinical Assistant Professor
KAGAN, B. M., M.D., Clinical Assistant Professor
LEICHENGER, HARRY, B.S., M.D., Clinical Assistant Professor
LEVIN, BENJAMIN M., B.S., M.D., Clinical Assistant Professor
LEVINSON, SIDNEY O., B.S., M.D., Clinical Assistant Professor
SALTIEL, THOMAS P., B.S., M.D., Clinical Assistant Professor
SHAW, NOEL G., A.B., M.D., Clinical Assistant Professor (Rush)
LEWISON, MATTHEW, B.S., M.D., Clinical Associate (Rush)
BARATZ, J. JOSEPH, B.S., M.D., Clinical Instructor
BRESLOW, LAWRENCE, A.B., M.D., Clinical Instructor
BOHNING, ANNE, A.B., M.D., Clinical Instructor
BROWN, ROWINE H., M.D., Clinical Instructor
DESSENT, ROBERT A., M.D., Clinical Instructor
DITKOWSKI, SOL, M.D., Clinical Instructor
HARRIS, ELLIS H., Clinical Instructor
KERMAN, WILLARD Z., B.S., M.D., Clinical Instructor
MARIENFELD, CARL J., A.B., M.D., Clinical Instructor

PADNOS, EMANUEL, B.S., M.D., Clinical Instructor
PAUKER, NORBERT, B.S., M.D., Clinical Instructor
RICHTER, IRVING B., M.D., Clinical Instructor
STEIN, ALBERT F., B.S., M.D., Clinical Instructor
TIGAY, CLARA D., A.B., M.D., Clinical Instructor
WOLF, ABRAHAM A., B.S., M.D., Clinical Instructor
DARROW, RUTH, M.D., Clinical Assistant (Rush)
JACKSON, MILDRED R., B.S., M.D., Clinical Assistant
LANDER, HERMAN B., B.S., M.D., Clinical Assistant
PARKER, HOMER, M.D., Clinical Assistant (Rush)
SHMIGELSKY, IRENE, M.D., Clinical Assistant (also Assistant at Rush-Presbyterian part time, with salary)
WEINER, LEONARD R., M.D., Clinical Assistant
WELFORD, NORMAN T., M.D., Clinical Assistant
LIS, EDWARD F., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals)
MAURAN, WILLIAM L., JR., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital)
MUNSEY, FRANKLIN A., Assistant (also Resident at Research and Educational Hospitals)
SINGLETON, JACK W., M.D., Assistant (also Resident at Research and Educational Hospitals)
SWEENEY, MICHAEL J., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital)

Pharmacology

BAIN, JAMES A., Ph.D., Research Associate
MUEHLBERGER, CLARENCE W., Ph.D., Professorial Lecturer
SCHIFFRIN, MILTON J., Ph.D., Lecturer
THOMPSON, ROBERT E., Ph.D., Professorial Lecturer
VAN WINKLE, WALTON, JR., A.B., M.D., Professorial Lecturer

Physical Medicine

GEPHARDT, SARAH L., A.B., O.T.R., Instructor (in addition to hospital appointment)
HOWARD, ANGELINE A., B.S., O.T.R., Instructor (in addition to hospital appointment)
MACLEAN, FLORENCE M., A.B., O.T.R., Instructor (in addition to hospital appointment)
ODELL, RUTH, A.B., Instructor (in addition to hospital appointment)
PLEISSNER, ELLA D., B.S., O.T.R., Instructor (in addition to hospital appointment)

Physiology

MCCULLOCH, WARREN S., A.M., M.D., Professor (also Professor of Psychiatry, with salary) (*Indefinite*)
MARBARGER, JOHN P., Ph.D., Associate Professor (also in Physical Environment Unit, with salary)
CRANDALL, LATHAN A., JR., Ph.D., M.D., Professorial Lecturer
JOHNSON, ROBERT E., Professorial Lecturer
HOFFMAN, WILLIAM S., Ph.D., M.D., Professorial Lecturer

Psychiatry

HAMILL, RALPH C., Ph.B., M.D., Clinical Professor (Rush), *Emeritus*
SCHROEDER, PAUL L., B.S., M.D., Professor (also Criminology and Legal Medicine, with salary) (*Indefinite*)
BRAUDE, MORRIS, M.D., Clinical Associate Professor (Rush), *Emeritus*
HOFFMAN, HARRY H., B.S., M.D., Clinical Associate Professor (Rush)
JENKINS, RICHARD L., A.B., M.D., Clinical Associate Professor
MOHR, GEORGE J., B.S., M.D., Clinical Associate Professor
MORRISON, DONALD, B.S., M.D., Clinical Associate Professor
SOLOMON, ALFRED P., A.B., M.D., Clinical Associate Professor

BRODER, SAMUEL B., M.D., M.S., Clinical Assistant Professor
KRAINES, SAMUEL H., B.S., M.D., Clinical Assistant Professor
MCCORMICK, JAY E., B.S., M.D., Clinical Assistant Professor (Rush)
NOLAN, WILLIAM J., M.D., Clinical Assistant Professor
NOVICK, RUDOLPH, M.D., Clinical Assistant Professor
PASKIND, JACOB, M.D., Clinical Assistant Professor
PERKINS, GEORGE L., M.D., Clinical Assistant Professor
SLOMAN, SOPHIE S., B.S., M.D., Clinical Assistant Professor (see also Criminology and Legal Medicine)
SONENTHAL, ISRAEL R., M.D., M.S., Clinical Assistant Professor
WEATHERLY, HOWARD E., A.B., M.D., Clinical Assistant Professor
WEINBERG, JACK, M.D., Clinical Assistant Professor
WITTMAN, PHYLLIS, Ph.D., Assistant Professor
WRIGHT, DONOVAN G., M.D., Clinical Assistant Professor
BELINSON, LOUIS, A.B., M.D., Clinical Instructor
COOKE, PAULINE M., M.D., Clinical Instructor (Rush)
HEISLER, FRIEDY B., B.S., M.D., Clinical Instructor
KRAUS, ALBERT, B.S., M.D., Clinical Instructor (Rush)
MCMILLAN, R. G., M.D., Clinical Instructor
MEEHAN, MARJORIE, A.B., M.D., Clinical Instructor (Rush)
NIELSON, PAUL E., Ph.D., M.D., Clinical Instructor
PASCHKES, ERICH, M.D., Clinical Instructor
SKORODIN, BERNARD, M.S., M.D., Clinical Instructor
TALBOTT, RALPH, B.S., M.D., Clinical Instructor (Rush)
VICTOR, SAMUEL, M.D., Clinical Instructor
WEISDORF, WILLIAM, B.S., M.D., Clinical Instructor
BEGUESSE, H. HUGH, B. S., M.D., Clinical Assistant
BLOCK, BERNARD, Ph.D., M.D., Assistant
CHAPMAN, ETHEL, M.S., M.D., Clinical Assistant
FINEBERG, HENRY H., A.B., M.D., Clinical Assistant
HOLLENDER, MARC, B.S., M.D., Clinical Assistant
LONGINI, JOAN, M.D., Ph.D., Assistant (*1 year from 7-1-48*)
POLLOCK, GEORGE H., M.S., M.D., Clinical Assistant (*1 year from 7-1-48*)
RAISBECK, ALDEN, A.B., M.D., Clinical Assistant
SPEAR, H. GLADYS, A.B., M.D., Assistant (*1 year from 7-1-48*)
STEPHENS, W. MARY, M.D., Clinical Assistant

Radiology

BEILEN, DAVID S., B.S., M.D., Clinical Assistant Professor
BRAUN, BENJAMIN D., A.B., B.S., M.D., Clinical Assistant Professor
LEADER, SAMUEL A., B.S., M.D., Clinical Assistant Professor
SLOBODIN, HARRY, A.B., M.D., Clinical Assistant Professor
CLARK, JOHN W., M.D., Instructor (also Resident in Presbyterian Hospital (*1 year from 7-1-48*)
JOHNSON, BRANTLEY M., M.D., Clinical Instructor
REMY, SYLVIO B., A.B., M.D., Instructor (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-48*)
FRICKER, GEOFFREY A., A.B., M.D., Assistant (also Resident at Presbyterian Hospital)
IRISH, KEITH R., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-48*)
KLAUBER, WILLIAM A., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary)
PANTONE, ANTON M., M.D., Clinical Assistant (also Resident at Research and Educational Hospitals, with salary)
WATSON, ROBERT W., M.D., Assistant (also Resident at Presbyterian Hospital) (*1 year from 7-1-48*)

Surgery

DAVIS, CARL B., A.B., M.D., Professor (Rush), *Emeritus*
MCARTHUR, SELIM W., Ph.B., M.D., Clinical Professor, *Emeritus*
PERCY, NELSON M., M.D., Professor, *Emeritus*

SPEED, KELLOGG, B.S., M.D., Clinical Professor (Rush), *Emeritus*
BAKER, HILLIER L., B.S., M.D., Clinical Professor (Rush)
DAVID, VERNON C., A.B., M.D., Clinical Professor (Rush) (*Indefinite*)
MILLER, EDWIN M., A.B., M.D., Clinical Professor (Rush) (*Indefinite*)
NADEAU, OSCAR E., M.D., Clinical Professor (*Indefinite*)
FELL, EGBERT H., A.B., M.D., Clinical Associate Professor (Rush)
GILCHRIST, RICHARD K., B.S., M.D., Clinical Associate Professor (Rush)
GREELEY, PAUL W., A.B., M.D., Clinical Associate Professor
GUY, CHESTER C., B.S., M.D., Clinical Associate Professor
HAZLETT, WILLIAM H., M.D., Clinical Associate Professor
JENKINS, HILGER P., B.S., M.D., Clinical Associate Professor
JIRKA, FRANK J., M.D., Clinical Associate Professor
KOUCKY, JOHN D., M.S., M.D., Clinical Associate Professor
LYON, WILL F., A.B., M.D., Clinical Associate Professor
MCMILLAN, FOSTER L., M.D., Clinical Associate Professor
ODEN, RUDOLPH J. E., A.B., M.D., Clinical Associate Professor
PROHASKA, JOHN VAN, B.S., M.D., Clinical Associate Professor
SCHULTZ, LOUIS W., D.D.S., B.S., M.D., Clinical Associate Professor of Oral Surgery
SEED, LINDON, M.S., M.D., Clinical Associate Professor
SPIVACK, JULIUS L., M.D., LL.D., Clinical Associate Professor
STRAUS, FRANCIS H., B.S., M.D., Clinical Associate Professor (Rush)
VAUGHAN, ROGER T., Ph.B., M.D., Clinical Associate Professor (Rush), *Emeritus*
ALMQUIST, CARL O., B.S., M.D., Clinical Assistant Professor
DIGGS, ARTHUR E., A.B., M.D., Clinical Assistant Professor (Rush)
DORSEY, JOHN M., B.S., M.D., Clinical Assistant Professor (Rush)
GARSIDE, EARL, M.D., M.S., Clinical Assistant Professor
JOANNIDES, MINAS, M.S., M.D., Clinical Assistant Professor
LAWTON, STANLEY E., B.S., M.D., Clinical Assistant Professor (Rush)
MEYER, HAROLD I., B.S., M.D., Clinical Assistant Professor
MONROE, CLARENCE W., B.S., M.D., Clinical Assistant Professor (Rush)
OLWIN, JOHN H., A.B., M.D., Clinical Assistant Professor (Rush)
PARKER, MORRIS L., B.S., M.D., Clinical Assistant Professor
PICK, JOHN F., B.S., M.D., Clinical Assistant Professor
ROSI, ALCIDE L., B.S., M.D., Clinical Assistant Professor (Rush)
SHAMBAUGH, PHILIP, B.S., M.D., Clinical Assistant Professor
STROHL, EVERETT L., M.S., M.D., Clinical Assistant Professor
THEIS, FRANK V., B.S., M.D., Clinical Assistant Professor (Rush)
THOREK, PHILIP, B.S., M.D., Clinical Assistant Professor
ZECHEL, GUSTAV L., M.D., Assistant Professor of Anatomy, assigned to Surgery part time
GREEN, RAYMOND, B.S., M.D., Clinical Associate
MISHKIN, HERMAN L., B.S., M.D., Clinical Associate
BLOCKSMA, RALPH, A.B., M.D., Clinical Instructor
BROWN, C. DAVID, B.S., M.D., Clinical Instructor
DAVIS, CARL B., JR., A.B., M.D., Clinical Instructor
DIFFENBAUGH, WILLIS G., B.S., M.D., Clinical Instructor
EVERSON, TILDEN C., A.B., M.D., Clinical Instructor
FOWLER, FRANK H., M.S., M.D., Clinical Instructor
HANSELMAN, RUSSELL C., Ph.D., M.D., Clinical Instructor (Rush)
HANSON, JOHN O., B.S., M.D., Clinical Instructor
HARDT, HARRY G., JR., B.S., M.D., Clinical Instructor
HOFRICHTER, FRANK C., B.S., M.D., Clinical Instructor
HOLUB, LOUIS A., B.S., M.D., Clinical Instructor
JENSIK, ROBERT J., M.S., M.D., Clinical Instructor
JULIAN, ORMAND C., Ph.D., M.D., Clinical Instructor
KILBOURNE, BURTON, M.D., Clinical Instructor
LEVENSON, STANLEY M., A.B., M.D., Clinical Instructor (*1 year from 7-1-48*)
ROTH, HAROLD A., B.S., M.D., Clinical Instructor
AUTEN, DONALD S., B.S., M.D., Assistant (*1 year from 7-1-48*) (also Resident at Research and Educational Hospitals, with salary)

De Peyster, F. A., A.B., M.D., Clinical Assistant (Rush)
Eastman, Ward, M.D., Assistant (*1 year from 7-1-48*) (also Resident at Research and Educational Hospitals, with salary)
Fowler, Edson F., M.S., M.D., Clinical Assistant
Johnson, Frank R., B.S., M.D., Assistant (also Resident at Presbyterian Hospital) (*1 year from 7-1-48*)
LaForge, William C., M.D., Assistant (also Resident at Presbyterian Hospital)
Lin, Margaret H. D., A.M., M.D., Clinical Assistant
Looby, William E., B.S., M.D., Clinical Assistant
Meyer, Robert P., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-48*)
Milroy, John J., M.D., Clinical Assistant (Rush)
Pranke, Donald W., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-48*)
Preston, Frederick W., M.D., M.S., Clinical Assistant (Rush)
Richter, John C., Jr., A.B., M.D., Assistant (also Resident at Presbyterian Hospital) (*1 year from 7-1-48*)
Riker, William L., M.D., Clinical Assistant (Rush)
Scanlon, Edward F., A.B., M.D., Assistant (also Resident at Presbyterian Hospital) (*1 year from 7-1-48*)
Southwick, Harry, B.S., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-48*)
Schrey, Edward L., B.S., M.D., Clinical Assistant
Teitelman, S. Lloyd, A.B., M.D., Clinical Assistant
Wahl, Frederick, B.S., M.D., Assistant (also Resident at Presbyterian Hospital) (*1 year from 7-1-48*)
Walter, LeRoy, B.S., M.D., Clinical Assistant
Young, John P., Jr., A.B., B.S., M.D., Clinical Assistant

Division of Urology

Herbst, Robert H., M.D., Professor (Rush), *Emeritus*
Kretschmer, Herman L., Ph.G., M.D., Clinical Professor (Rush), *Emeritus*
Heckel, Norris J., A.B., M.D., Clinical Professor (Rush)
Buckman, Edward, B.S., M.D., Clinical Associate Professor (Rush)
Merricks, James W., Jr., A.B., B.S., M.D., Clinical Associate Professor (Rush)
Cottrell, Thomas, M.D., Clinical Assistant Professor (Rush)
Ritch, Colquitt O., B.S., M.D., Clinical Assistant Professor
Rudnick, Dorris F., B.S., M.D., Clinical Assistant Professor
Schacht, Frederick, B.S., M.D., Clinical Assistant Professor
Drabanski, Joseph S., B.S., M.D., Clinical Associate
Gaines, Reuben B., A.B., M.D., Clinical Instructor (Rush)
McDonald, James H., A.B., M.D., Assistant (also Resident at Presbyterian Hospital) (*1 year from 7-1-48*)

Division of Anesthesia

Lyons, Mary M., M.D., Clinical Associate Professor (Rush)
Raymon, Wilda E., M.D., Clinical Instructor (Rush)
Stafford, Wilma C., B.S., M.D., Clinical Instructor (Rush)
Watt, Lucille, M.S., M.D., Clinical Instructor (Rush)
Burdon, John, M.D., Assistant (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-48*)
Edwards, Howard M., B.S., M.D., Assistant (*1 year from 7-1-48*)
Elnes, Nyla R., A.B., M.D., Clinical Assistant
Johns, Richard B., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-48*)
Loveseth, Leonard J., A.B., M.D., Clinical Assistant
Rubbra, Jean O., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-48*)
Tilly, John E., A.B., M.D., Assistant (also Resident at Presbyterian Hospital) (*1 year from 7-1-48*)

CURRICULA IN VETERINARY MEDICINE

(Approved by the Board, page 16)

Pre-veterinary Curriculum

First Year

FIRST SEMESTER	HOURS
Rhet. 101—Rhetoric and Composition	3
Zool. 101—General Zoology	5
Chem. 101 or 102—Inorganic Chemistry	5 or 3
Hygiene 102 or 105	2
Math. 104 or 114—Trigonometry	3 or 2
Military Science (for Men)	
Physical Education	
Total	15–18

SECOND SEMESTER	HOURS
Rhet. 102—Rhetoric and Composition	3
Bot. 105—Introductory Botany	3
Chem. 105—Inorganic Chemistry	5
Military Science (for Men)	
Physical Education	
Electives	4–7
Total	15–18

Second Year

Physics 101—General Physics	5
Foreign Language[1]	4
Chem. 122—Quantitative Analysis; or Chem. 133—Organic Chemistry	5
Military Science (for Men)	
Physical Education	
Electives	2–4
Total	16–18

Physics 102—General Physics	5
Foreign Language[1]	4
Chem. 133—Organic Chemistry; or Chem. 122—Quantitative Analysis	5
Military Science (for Men)	
Physical Education	
Electives	2–4
Total	16–18

Professional Curriculum

First Year

FIRST SEMESTER	CREDIT HOURS	CLOCK HOURS
V.A. 311—Gross Anatomy	5	12
V.A. 313—Histology and Embryology	5	12
Chem. 350—Biochemistry	5	11
An. Sci. 102—Principles of Feeding	3	3
Totals	18	38

SECOND SEMESTER	CREDIT HOURS	CLOCK HOURS
V.A. 312—Gross Anatomy	5	12
V.A. 314—Histology and Embryology	5	12
Bact. 104 and 105—General Bacteriology	5	9
An. Nutr. 301—Introduction to Animal Nutrition	3	3
D.P. 100—Dairy Production	2	4
Totals	20	40

Second Year

V.P.H. 325—General Pathology	5	9
V.P.H. 323—Bacteriology and Immunology	6	10
V.P.P. 321—Physiology	4	7
An. Sci. (*new*)—Livestock Breeds and Management	6	8
Totals	21	34

V.P.H. 326—Special Pathology	5	9
V.P.P. 322—Physiology	4	7
V.P.H. 324—Parasitology	6	10
V.P.P. 329—Pharmacology	3	3
An. Sci. 305 (or *new course*)—Animal Genetics	3	3
Totals	21	32

[1] The student will be advised of the advantages of continuing with the same foreign language as was accepted for admission to the pre-veterinary curriculum.

Third Year

FIRST SEMESTER	CREDIT HOURS	CLOCK HOURS	SECOND SEMESTER	CREDIT HOURS	CLOCK HOURS
V.C.M. 331—Diseases of Large Animals	6	6	*New Course*—Dairy Testing and Plant Management	4	6
V.C.M. 335—General Surgery	3	5	V.C.M. 336—Special Surgery	5	7
V.C.M. 333—Breeding Problems and Obstetrics	5	7	V.C.M. 334—Diseases of Small Animals	6	6
V.P.P. 330—Pharmacology	4	6	*New Course*—Poisonous Plants, Identification	2	4
V.C.M. 337—Clinical and Laboratory Practice	2	8	V.C.M. 338—Clinical and Laboratory Practice	2	8
Totals	20	32	*Totals*	19	31

Fourth Year

V.C.M. 341—Infectious Diseases of Large Animals	6	6	V.P.H. 344—Food Hygiene and Public Health	6	6
V.C.M. 343—Radiology	1	1	*New Course*—Jurisprudence, Business Methods and Ethics	3	3
V.P.H. 349—Diseases of Poultry	3	3	V.C.M. 346—Seminar	1	1
V.C.M. 347—Clinical and Laboratory Practice	8	24	V.C.M. 348—Clinical and Laboratory Practice	8	24
V.C.M. 345—Seminar	1	1			
Totals	19	35	*Totals*	18	34

PURCHASES

Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid, or because the item is noncompetitive, or to obtain earliest delivery.

Item	*Department*	*Vendor*	*Cost*
506 single beds; 575 study desks; 582 study chairs; 273 lounge chairs; 10 seat cushions (extra); 5 back cushions (extra); 575 chests; 582 mirrors	Physical Plant (Residence Halls)	Universal Equipment Co., Batesville, Ind.	$92 520 10
One dynamic condenser (vibrating reed) electrometer, Argonne National Laboratory Model	Graduate College	Applied Physics Corp., Pasadena, Calif.	1 515 00 f.o.b. Urbana
One lot of pipe supports and fittings for use in tunnels	Physical Plant	Unistrut Service Co. of Illinois, Chicago	1 482 50 f.o.b. Wayne, Mich.
1,500 tons agricultural limestone to be hauled and spread on Allerton Farms during 1948	Agricultural Economics	Pete Merriman, Monticello	$3.60 a ton, or 5 400 00 hauled and spread
300,000 No. 10 - 20 lb. manila envelopes; 75,000 No. 6 - ¾ ditto; 250,000 No. 10 - 28 lb. white wove envelopes; 100,000 No. 6 - ¾ ditto	Office Supply Store	Bradner Smith & Co., Chicago	1 671 25
One Caterpillar D4 Diesel tractor equipped with Caterpillar No. 4S bulldozer	Agricultural Administration	John Fabick Tractor Co., Marion	6 291 36 f.o.b. Peoria

Item	*Department*	*Vendor*	*Cost*
One 27x41 Miller major automatic printing press	Print Shop	Miller Printing Machinery Co., Chicago	19 502 00 f.o.b. Pittsburgh, Pa.
10,000 volumes of European publications received under the joint program sponsored by the Library of Congress for the acquisition of foreign publications. University participation in this program was authorized by the Board of Trustees.	Library		10 000 00
Fifty special drawing tables	General Engineering Drawing	Jack Sheean, Bloomington	5 147 00 f.o.b. Napanee, Ind.
One International KB-2 pick-up truck to replace a 1936 International truck	Agronomy	Power Farm Implement Co., Champaign	1 080 03
One lot laboratory apparatus to be used as stock in the General Chemical Stores for the first semester of 1948-1949	General Chemical Stores	Wilkens-Anderson Co., Chicago E. H. Sargent & Co., Chicago Fisher Scientific Co., St. Louis, Mo. A. Daigger & Co., Chicago Schaar & Co., Chicago Chicago Apparatus Co., Chicago A. S. LaPine & Co., Chicago	3 451 32 884 55 808 18 570 18 436 97 177 84 173 70
6,177 pieces laboratory porcelain ware (Coors)	General Chemical Stores	A. Daigger & Co., Chicago	2 050 22
One laboratory glass annealing oven, 24" x 24", maximum temperature 1250° F., with pyrometer control	Electrical Engineering	Drying Systems, Inc., Chicago	1 325 00 f.o.b. Chicago
One Hardinge high-speed precision milling machine with power feed and accessories for the Physical Environment Addition to the Hospital Building	College of Medicine	Hardinge Brothers, Inc., Chicago	4 877 25
One No. 8113-D, V.M.D. 13-inch toolroom precision Southbend lathe, with 7-foot bed and 52 inches between centers and auxiliary appurtenances, to be used in the Physical Environment Addition	College of Medicine	H. J. Volz Machinery Co., Chicago	1 940 65
One Rollin standard signal generator power-type Model 30, 5 watts, R.F. output, frequency range 40 to 400 megacycles, complete with power supply and tubes	Electrical Engineering	Rollin Co., Pasadena, Calif.	2 850 00 f.o.b. Pasadena
One Type Q amplimeter with glass specimen, screwdriver, stiff arm and spare fuse; one Type MA tracer for above; one Type BA skidmount; one Type V mototrace with Type BA link arm	Mechanical Engineering	Physicists Research Co., Ann Arbor, Mich.	1 745 00
Drilling of a well at the Dixon Springs Experiment Station	Agricultural Administration	L. W. Gwin Drilling Co., Percy	2 500 00
One kilo L-tryptophane; one kilo L-lysine monohydrochloride	Chemistry	Interchemical Corp., Union, N.J.	1 200 00
400 tons oil-treated southern Illinois stoker coal	Residence Halls	LeBaugh Coal Co., Urbana	3 900 00 ($9.25 a ton)
A collection of important additions to our Renaissance collection of rare books published in the 16th and 17th centuries	Library	C. A. Stonehill, London, England	5 000 00
15,600 ft. B.M. No. 2 kiln dried lumber; 600 ft. B.M. B & Better kiln dried lumber; 2,400 ft. B.M. clear kiln dried wood siding	Agricultural Administration	Vienna Lumber Co., Vienna	2 200 00

Item	*Department*	*Vendor*	*Cost*
Eight 10″ x 18″ geared head lathes, 12 speeds	Mechanical Engineering	Peoria Tool & Engineering Co., Peoria	11 917 68 f.o.b. Cincinnati, Ohio
Two Beechcraft Model A-35 airplanes	Institute of Aeronautics	Currey's Flying Service, Galesburg	15 930 77
One Model HSV Litton lathe for glass	Electrical Engineering	Litton Engineering Labs., Redwood City, Calif.	2 250 00
24 #863 dollies; 8 #849 platform trucks; 6 #806 two-wheel trucks; 14 #899 maids trucks; 2 #943 two-shelf trucks	Residence Halls	Nutting Truck and Caster Co., Chicago	1 360 07 f.o.b. Urbana
Fifty-four 60x32 quarter oak flat top desks	Liberal Arts and Sciences Administration	Jack Sheean, Bloomington	3 139 56 f.o.b. Evansville, Ind.
Two maga-sweep oscillators; 2 micro-pulsers	Electrical Engineering	Kay Electric Co., Newark, N.J.	1 180 00 f.o.b. Pine Brook, N.J.
One General Electric amplidine generator	Physics	General Electric Co., Springfield	1 175 00 f.o.b. shipping point, freight allowed
Twelve feet #22 platinum thermocouple wire; 12′ #22 platinum 10% Rh. wire; 50′ #16 platinum 20% Rh. wire; 25′ #24 platinum thermocouple wire; 25′ #24 platinum 10% Rh. wire; 2-16 cm. x 1 cm. x 1 cm. pure platinum boats; 6 platinum 5% Rh. crucibles; 6 platinum 10% Rh. crucibles	Ceramic Engineering	Baker and Co., Newark, N.J.	1 282 16 f.o.b. Newark
One model LR long-range Tukon tester for knoop hardness numbers	Mechanical Engineering	Wilson Mechanical Instrument Co., New York, N.Y.	2 359 00 f.o.b. Bridgeport, Conn.
15,000 tons coal, screenings, 1¼″ x 0″	Physical Plant (Galesburg)	Central Indiana Coal Co., Galesburg	$5.33 a ton 79 950 total (63 750 plus 16 200 freight)
286 doz. type 140, 63″x108″ sheets; 238 doz. type 140, 42″x36″ pillow cases; 95 doz. 36″x75″, 64/64 unbleached mattress covers	Residence Halls	Clark Linen & Equipment Co., Chicago	11 665 35 f.o.b. Urbana
95 doz. 34″x76″, 64/60 count bleached cambric mattress pads	Residence Halls	Mandel Bros., Chicago	2 408 25 f.o.b. Urbana
One #8067 Mueller bridge, type G-1; one #7552 potentiometer, type K-2; one #2500-a galvanometer, D-C, reflecting, type R; one #2100 lamp and scale, half-meter scale; one #8163 platinum resistance thermometer, range minus 190° to plus 500° C.	Chemistry	Leeds & Northrup Co., Chicago	1 236 25 f.o.b. Urbana
One complete installation of prescription unit	Illinois Eye and Ear Infirmary (Hospital Pharmacy)	Gutman Store Fixture Co., Chicago	10 788 00 f.o.b. delivered and installed with union labor
Degassing equipment for use in degassing ignition rectifier tubes	Physics	General Electric Co., Springfield	5 685 00 f.o.b. Ft. Wayne, Ind., freight allowed
One steam generating unit-high temperature, high-pressure test boiler	Mechanical Engineering	Besler Corp., Emeryville, Calif.	19 000 00

Item	*Department*	*Vendor*	*Cost*
One education power unit; 7 dynamometers with controls; 6 dynamometer bed plates; 7 engine supports	Mechanical Engineering	General Electric Co., Springfield	55 260 00 (Subject to adjustment to prices in effect at time of delivery, any increase not to exceed 20%)
One model 8 Marvel band saw	Civil Engineering	Chas. H. Besly & Co., Chicago	1 970 00 f.o.b. Chicago
Labor and contractor's service for erection of a headquarters building on the Northern Illinois Experiment Field, De Kalb County, Illinois	Agricultural Engineering	L. B. Hanna, Princeton	8 500 00
Two 1948 special deluxe, 4-door Plymouth sedans (one replacement and one addition)	Division of Services for Crippled Children	Modern Motors, Inc., Springfield	1 846 38 (including trade-in of one 1946 Chevrolet)
Construction and installation of one water station and two cashier counters in Illini Union Cafeteria	Illini Union	The Stearnes Co., Chicago	2 158 15
Approximately 200 military uniforms for advanced course students in ROTC during academic year 1948-1949	Military	Jacob Reed's Sons, Philadelphia, Pa.	13 140 00
Fifty choice stocker calves averaging approximately 425 pounds per head	Animal Science	To be selected by Professor F. C. Francis in October, 1948	Approximately 6 500 00
Ninety reams 24x32 - 113 lb. cream post card stock to be used in printing for the Agricultural Experiment Station	Office Supply Store	Dwight Brothers Paper Co., Chicago	1 119 60
Approximately 225 head yearling ewes	Agricultural Administration	To be selected by Professor W. G. Kammlade in August, 1948	Approximately 5 625 00
Relining Boiler No. 3, replacing one arch in Boiler No. 2, replacing incline section of the baffle in Boiler No. 1, and replacing six stoker piers	Physical Plant (Galesburg)	C. O. Henriksen, Chicago	Possible maximum total of 2 220 75
25,000 copies First Semester Time Table	University Press	John S. Swift Co., Chicago	4 225 00 f.o.b. Chicago
12,800 gallons road oil to be furnished and spread on campus roads	Physical Plant	Illiana Distributors, Inc., Urbana	14¢ a gallon or total of 1 792 00
Labor and material for resurfacing Library parking lot with 1½" asphaltic concrete, approximately 3577 sq. yds.	Physical Plant	Champaign Asphalt Co., Champaign	$1.30 a sq. yd. or 4 650 10

Purchases Authorized by the President of the University

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, or because the items are noncompetitive, or to obtain early delivery.

Item	*Department*	*Vendor*	*Cost*
Two carloads (200 drums, 54 gallons each) methyl alcohol, synthetic pure	Aeronautical Engineering	E. I. DuPont deNemours & Co., Chicago	4 158 00 f.o.b. Urbana
8,000 gallons (1 tank car) No. 1 fuel oil. This oil is to be placed in the storage tank as a reserve supply for the Parade Ground Housing Area	Residence Halls	Johnson Oil Refining Co., Chicago	13⅛¢ a gallon, or 1 050 00

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED

MAY 1 TO 31, 1948

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
International Minerals and Chemical Corp.	Phosphorous utilization by plants	$2 500 00	April 26, 1948
The Formfit Co.	Stomach tight lacing	Not to exceed 9 000 00	March 22, 1948

With Whom	*Purpose*	*Amount to be Paid by the University*	*Date*
Schmidt, Gorden, and Erikson	Architectural services on the Drill Hall in Chicago	10% of the cost of construction	
S. C. Larson	Agreement for mutual usage of a tile line installed through the land of of R. O. Willrett	None	April 27, 1948
R. O. Willrett	Installation of a tile line through the land of R. O. Willrett	309 00	April 27, 1948

JUNE 1 TO JULY 10, 1948

Sargent and Lundy	Engineering services for installation of additional boiler feed water treatment equipment and condensate storage in Abbott Power Plant (emergency) (see recommendation on purchase of equipment approved by Board May 22, 1948, Minutes, page 1108)	2 500 00	April 28, 1948
E. P. Heckel and Associates	Consulting services for Physical Environment Unit Equipment	6 00 an hour	May 14, 1948
United States Atomic Energy Commission	License to possess refined source material for use as an analytical reagent in research only	None	May 7, 1948
Deal and Levine Roofing and Siding Co.	Roofing repairs on the temporary housing units in Galesburg	1 558 00 maximum	June 3, 1948
Herb Strausberger	Install tile lines on Wright Farm No. 3	4 904 53	May 13, 1948
Herman F. Heep	Transfer possession of the bull "Standard Draconis Wonder"	None	April 26, 1948
John Effa	Agreement for loan of equipment	None	May 11, 1948

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
Navy Department Office of Naval Research	Task 20, manuscript on hydrazine and its derivatives	$4 530 00	January 1, 1948
Navy Department, Office of Naval Research	Task 21, effects of ultrasonics	52 000 00	February 1, 1948
Coin Operated Hair Dryer Co.	Install coin operated hair dryer in the Nurses Home in Chicago	University to receive 25% of collections	April 2, 1948
Corneli Seed Co.	Introduction of a new variety of popcorn	None	April 1, 1948
Veterans Administration	Instruction of veterans at Chicago January 2, 1948, to August 31, 1949	Rate of $15 a quarter for tuition	December 15, 1947

LEASES EXECUTED UNDER GENERAL REGULATIONS OF THE BOARD

With Whom	*Property*	*Amount to be Paid to the University*	*Date*
Gerhard C. Rettberg	Lease of 56 East Gregory Drive from June 22, 1948, to August 31, 1949	$45 a month	June 2, 1948

GIFTS AND GRANTS OF FUNDS FOR RESEARCH AND OTHER PURPOSES

Gifts

1. Illinois Federation of Women's Clubs, $500, final installment of its grant of $2,500 for scholarships in Occupational Therapy during 1947-1948.

2. Chicago Section of the Illuminating Engineering Society, $2,500 for two scholarships a year ($250 a year each) for five years for students in the Illumination Option in Electrical Engineering.

3. Third Congressional District, Illinois Federation of Women's Clubs, $1,320 to finance two students through the course in Occupational Therapy. These are the fifth and sixth scholarships which have been given by this organization; these grants now total $3,960.

4. Estate of Dr. William Allen Pusey, Professor of Dermatology, $1,200 to be added to the dermatological library account of the College of Medicine.

5. Miss Helen M. Russell, Champaign, through the University of Illinois Foundation, $1,000 for the continuation of two $500 scholarships, one in music and the other in medicine, during the year 1948-1949.

6. Mr. Victor S. Yarros, LaJolla, California, $1,000 in support of a scholarship in the name of his wife, Dr. Rachelle S. Yarros (a former member of the staff of the College of Medicine), in the College of Medicine.

7. Mr. Robert Allerton, $800 for continuation of the Allerton Traveling Scholarships in Architecture during the summer of 1948.

8. Harnischfeger Corporation, Chicago, a new Type TH-300 portable A-C welder to the Department of Electrical Engineering.

9. Mrs. Kitty Pierce Harrington, LaGrange, $500 for continuation of the Phyllis Pierce Ruettinger Scholarship during 1948-1949.

10. Mr. John W. Ruettinger, Chicago, $500 for continuation of the John C. Ruettinger Memorial Scholarship during 1948-1949.

11. American Institute of Mining and Metallurgical Engineers, a Rockwell Kent painting entitled "Light for Tomorrow's Lincolns," for the Department of Mining and Metallurgical Engineering.

12. Friends of the late Professor Cullen W. Parmelee, $452.59 as the C. W. Parmelee Fund for loans to students in Ceramic Engineering.

13. Illinois Salon Departmental La Boutique des Huit Chapeaux et Quarante Femmes, $413 for the purchase of two Colson cripple carts, two Colson wheel chairs, one small walker, and one medium walker for children patients in the Research and Educational Hospitals.

14. Christmas Neighbors Club of Prairie Farmer Station, WLS: one American Compere orthopaedic walker, child's size, two Colson juvenile wheel chairs, and one Philco table model radio and phonograph, to the Research and Educational Hospitals.

15. Mayflower Guild, First Congregational Church, Oak Park, Illinois, a Royalty Bakelite table model radio for the Research and Educational Hospitals.

16. Conco Engineering Works, Mendota, Illinois, to the Department of Mechanical Engineering: one Conco Breese burner No. HB7DGS, one thermostat 411, and one demonstrator unit complete with oil tank and accessories, for instructional purposes.

17. Women's District Grand Lodge No. 6, B'nai B'rith, Chicago, $100 as a prize to be awarded to the senior in the Department of History who has the highest scholastic average among graduating seniors who have majored in history, to be known as "The Dr. Abram Leon Sachar Prize in History." The Lodge has offered to make this an annual contribution.

18. Illinois Congress of Parents and Teachers, $75.50 to be added to the Cora C. Bright Memorial Loan Fund.

19. Ladies Auxiliary, Spanish American War Veterans, Department of Illinois, $50 for the woman student who has the highest scholastic standing in her first year of work in Home Economics.

20. Mr. and Mrs. G. W. Higgins, Evergreen Park, Illinois, $50 for the benefit of pediatrics patients in the Research and Educational Hospitals.

21. Gamma Phi Beta sorority, $32.25 for undergraduate scholarship funds.

22. Beverly Hills Junior Women's Club, Chicago, $25 for the Orthopaedic Gift Fund for Children.

23. Dr. Maurice F. Snitman, Assistant Professor of Otolaryngology, $25 for the purchase of new books for the Library of Medical Sciences. He plans to make a similar contribution annually.

24. Pharmacy Class of 1946, $6.01 to be added to the Harry Goldstine Emergency Student Loan Fund in the Chicago Colleges.

25. Chicago Collegiate Bureau, $630 for aiding women students, to be administered by the Dean of Women.

Grants for Research

1. De Kalb Agricultural Association, Inc., $5,000 for the development of the Northern Illinois Experimental Field.

2. American Cyanamid Company, New York City, $600 for continued support of the study of the value of rock phosphate as a filler in complete fertilizers by the Agricultural Experiment Station.

3. Market Administrator, St. Louis Marketing Area, $2,000 for a study of formula pricing in the St. Louis milk markets, to be carried on by Dr. R. W. Bartlett of the Department of Agricultural Economics.

4. Middle West Soil Improvement Committee of Chicago, $600 in support of the fertilizer investigations in the Department of Agronomy.

5. A. E. Staley Manufacturing Company, Decatur, Illinois, $600 for a study of the dietary relations of inositol, choline, and methionine under the direction of Professors H. H. Mitchell and T. S. Hamilton of the Department of Animal Science.

6. National Research Council, Washington, D.C., $2,000 in support of studies of the problems of androgen secretion under the direction of Dr. A. V. Nalbandov of the Department of Animal Science.

7. Tennessee Corporation, $400 additional for spray research on copper fungicides by the Department of Horticulture.

8. Texas Gulf Sulphur Company, $3,600 for continuation during 1948-1949 of research in the Department of Chemistry on the mechanism of combustion of sulfur.

9. S. B. Penick & Company, New York City, $1,800 for continuation during 1948-1949 of a fellowship in chemistry.

10. Minnesota Mining and Manufacturing Company, St. Paul, $1,500 in support of a fellowship in chemistry during 1948-1949; $1,200 to be used as a stipend and $300 for tuition fees and for purchase of scientific equipment.

11. Standard Oil Company (Indiana), Chicago, $1,265 for a fellowship in chemistry and $1,265 for a fellowship in chemical engineering during 1948-1949; $1,000 in each case to be used as the stipend and the balance for expenses, including tuition, laboratory fees, supplies, and equipment.

12. The California Company, New Orleans, Louisiana, $1,250 for a fellowship in geology during 1948-1949.

13. Pan American Petroleum and Transport Company, New York City, $1,265 for continuation of a fellowship in chemical engineering during 1948-1949.

14. A. P. Green Fire Brick Company, Mexico, Missouri, $2,000 for a fellowship in Ceramic Engineering during 1947-1948; $1,800 to be used for the stipend and $200 for research expenses.

15. The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio, $1,200 for a fellowship in Ceramic Engineering during 1947-1948, $1,000 to be used as the stipend and $200 for miscellaneous expenses. This fellowship formerly carried a stipend of $675.

16. Motorola, Incorporated, Chicago, $750 for continuation during 1948-1949 of the Galvin Fellowship in Radio and Television Engineering Research.

17. Westinghouse Educational Foundation, Pittsburgh, Pennsylvania, $1,000 for a fellowship in electrical engineering during the period February 1, 1947, through August 31, 1947, and $1,000 for the same fellowship during 1948-1949.

18. National Advisory Cancer Council, United States Public Health Service, $23,250 for improvement of cancer teaching in the College of Medicine.

19. United States Public Health Service, $10,750 in support of studies in BCG vaccine and investigative work in tuberculosis under the supervision of Dr. S. R. Rosenthal, College of Medicine.

20. United States Public Health Service, $11,800 for research in the Department of Psychiatry under the direction of Dr. F. A. Gibbs during the period June 1, 1948, through May 31, 1949.

21. Teagle Foundation, Inc., $8,000 for research on paralysis agitans by Dr. W. S. McCulloch of the Department of Psychiatry.

22. Mr. Robert Rosenbluth, Chicago, $50 for research work by Dr. Frederic A. Gibbs of the Department of Psychiatry.

23. Abbott Research Laboratories, North Chicago, $4,550 for a study, "Evaluation of Procedures and Germicides Used in Preoperative Preparation of the Skin," and $2,850 for a study, "Evaluation of Molecular Size of Penicillin-Complex Compounds as Related to Effective Blood Levels in Human Subjects," both to be under the supervision of Dr. Milan Novak of the Department of Bacteriology and Public Health.

24. United States Public Health Service, $4,471 for studies on "The Nature of Peripheral Circulatory Changes after X-radiation" under Dr. E. E. Painter of the College of Medicine.

25. The Nutrition Foundation, Inc., New York City, $3,600 in support of research studies on "Improvement of Microchemical and Microphysical Methods for Estimating Nutrients in Blood and Urine" under Dr. John B. Youmans of the College of Medicine.

26. The Nutrition Foundation, Inc., New York City, $3,000 in support of "Studies on Free Amino Acids in Body Fluids and Tissues" by Dr. Olaf Bergeim of the College of Medicine.

27. Mead Johnson Company, $3,000 in support of research in pediatrics under Dr. H. G. Poncher of the College of Medicine.

28. Borden Company Foundation, Inc., New York City, $2,500 to provide an annual award of $500 for a five-year period as a prize for undergraduate research in the College of Medicine.

29. American Chemical Society, $1,500 to supplement a previous grant to the Department of Pathology for "Cytochemical Studies of Relations between Nucleus and Cytoplasm" by Dr. Isidore Gersh.

30. Smith, Kline, and French, $2,000 for research on the effects of amines in experimental renal hypertension under the direction of Professor G. E. Wakerlin of the Department of Physiology, College of Medicine.

31. Bristol Laboratories, Syracuse, New York, $1,800 in support of a fellowship in Pharmacology during the year 1947-1948.

32. Mr. John W. Ruettinger, Chicago, $1,500 a year for two years in support of a fellowship to be known as the "Phyllis Pierce Ruettinger Memorial Fellowship for Research in Nephritis" in the College of Medicine.

33. Upjohn Company, Kalamazoo, Michigan, $900 for studies on the use of "Gelatin Sponge in Surgery" under the supervision of Dr. H. P. Jenkins of the College of Medicine.

34. Illinois Council of Parent Teachers, $100 for the purchase of materials for Occupational Therapy in the College of Medicine.

35. Mr. and Mrs. M. DeYoung, Chicago, $40 for research in the Department of Orthopaedics by Dr. F. A. Chandler.

36. The Junior League of Chicago, Inc., $10,000 in support of the Consultation Clinic for Epilepsy, College of Medicine.

37. Hematology Research Foundation, Chicago, $3,000 in support of studies in leukemia in the Department of Medicine under the direction of Dr. Louis R. Limarzi.

38. Swift and Company, Chicago, $3,500 for a fellowship on the study of amino acids in the blood under the supervision of Dr. W. H. Cole of the Department of Surgery.

39. Family of Mrs. Margaret A. Gruber, Chicago, $400 for research in the field of leukemia by Dr. R. W. Keeton of the Department of Medicine.

40. Nutrition Research Laboratory, $83.33 a month from February through May, 1948, in support of arthritis research under the supervision of Dr. C. I. Reed of the Department of Physiology, College of Medicine.

41. Abbott Laboratories, North Chicago, $2,000 in support of arthritis research under the supervision of Dr. C. I. Reed of the Department of Physiology in the College of Medicine.

42. National Cancer Institute, United States Public Health Service, $4,000 for the study of cancer resulting from gastric ulcer, and $8,000 for the study of cancer in Roffo rats, both studies to be under the supervision of Dr. A. C. Ivy.

43. The Formfit Company, $8,980 for research work in the College of Medicine on gastric ulcer under Dr. A. C. Ivy.

44. American National Red Cross, $5,000 for studies in "Resuscitation" under Dr. A. C. Ivy.

45. Cutter Laboratories, Chicago, $3,600 for research in the Department of Surgery on protein therapy dealing particularly with intravenous administration of amino acids, and $1,000 for research on "Intravenous Feeding of Fat" under Dr. A. C. Ivy.

46. Corn Products Refining Company, $1,800 for an investigation of the digestibility of carboxymethyl starch under the supervision of Dr. A. C. Ivy.

47. American Medical Association, $1,250 to support a study in "Pepsin Secretion" under the supervision of Dr. A. C. Ivy.

48. VioBin Corporation, Monticello, Illinois, $1,000 for research on the effect of substances in the mucosa of the stomach and duodenum under the supervision of Dr. A. C. Ivy.

49. American Medical Association, $450, and Dr. Clarence J. Gamble of Milton, Massachusetts, $250, for a "Study of the Alleged Sterilizing Action of the Expressed Juice of Caladium Seguinum (Madaus)" in the Department of Clinical Science under the supervision of Dr. A. C. Ivy.

50. United States Public Health Service, $6,000 in support of a study on the application of visual methods for the control of gynecic cancer.

51. United States Public Health Service, $5,940 (C317C) in support of research on the cause of gastric cancer under the direction of Dr. A. C. Ivy.

52. Lakeland Foundation Fund, $3,000 in support of research to evaluate and develop Gruskin's Diagnostic Cancer Antigen.

53. American Cancer Society, $2,316.27 to the Illinois Cancer Bulletin Fund.

54. National Institute of Health, United States Public Health Service, $3,213 for research on "Cephalometric X-Ray Study of the Growth of the Human Head from the Eighth to the Fifteenth Year," by Dr. Allan G. Brodie of the College of Dentistry.

55. Borden Company Foundation, Inc., New York City, $1,500 for an annual scholarship in the amount of $300 in pharmacy for a period of five years.

REAPPROPRIATION OF UNEXPENDED BALANCES AT JUNE 30, 1948

(Approved by the Board, page 27)

URBANA-CHAMPAIGN DEPARTMENTS

Council on Teacher Education	$ 617
Nonacademic Personnel	413
Dean of Men	283
Dean of Women	500
Student Discipline	956
Printing and publications	20 000
Illini Center	1 946
Harding band film	3 432
Ferment in Education	4 000
David Kinley Autobiography	5 000
Surplus equipment	1 481
University History	12 000
Bacteriology	298
Bacteriology special equipment	2 862
Botany	199
Botany special equipment	6 397
Chemistry	8 997
Chemistry special equipment	9 066
Chemical hood	2 000

Division of General Studies	250
Geology	2 990
Geology special equipment	9 242
German	35
Mathematics	1 430
Philosophy	225
Psychology	652
Psychology special equipment	964
Speech	150
Speech special equipment	337
E. H. Taylor collection	710
Temperature and humidity	2 500
Zoology and Physiology	250
European Culture Museum	418
Natural History Museum	385
Equipment for new offices	9 000
Radiocarbon Laboratory	6 000
Forestry timber cruise	2 931
Horticulture college	1 316
Agronomy station	2 155
Agronomy special equipment and repairs	55 266
Light horse program	20 000
Dairy Production special equipment	6 536
Dixon Springs improvements	13 000
Forestry special equipment	1 855
Horticulture station	60
Home Economics station	329
Engineering administration	446
Ceramics college	1 359
Ceramics special equipment	29 000
Electrical Engineering college	749
General Engineering Drawing	1 352
Mechanical Engineering college	3 745
Physics betatron	4 113
Physics special expense and equipment	49 647
Manhole covers	1 500
Mechanical Engineering station	1 675
Betatron research	2 248
Graduate College administration	58
Electronic digital computer	75 000
Illinois Historical Survey	718
Illinois Studies	10 876
Journal of English and Germanic Philology	1 089
Scholarly publications	38 646
Social Welfare Administration special equipment	485
Ultra-centrifuge	10 950
Graduate research:	
Tracy	2 500
Adamstone	1 417
Shanor	1 475
Samuel	6 567
Commerce	4 307
Bureau of Economic and Business Research	900
Education special equipment	5 914
Industrial Education special equipment	1 676
Supervision and High School Instruction	4 628
Fine and Applied Arts administration	300
Architecture	110
Architecture Building remodeling	9 752
School of Music	8 142
Practice organ	18 000
Anatomy and Histology	320
Veterinary Medicine special equipment	27 339

Journalism	180
Journalism special equipment	2 055
Library School	425
Bands	990
Bands special equipment	381
Small Homes Council	195
Alterations to Mumford House	1 800
Improvements to Home Research Center	10 800
Library special equipment	2 938
General Library additions	7 948
Physical Plant equipment	13 560
Renewals and replacements	180 971
Minor building remodeling	55 201
Airport improvements	770
Alterations and service drives at Talbot Laboratory	5 500
Agronomy Greenhouse additions	36 459
Chemistry Building supplementary	100 000
Community master plan	20 000
Decompression chamber	6 014
Electric wiring—Floriculture Building	1 100
Engineering Building classrooms	2 381
Engineering service—Gregory Hall	2 000
Floriculture Building—toilets	4 000
Improved lighting—Architecture Building	14 466
Improvements—Huff Gymnasium	4 916
Improvements—Old Gymnasium	26 000
Improvements—Smith Music Hall	22 000
Improvements—newly acquired properties	19 000
Increase power plant turbine capacity	35 000
Land—Chicago	9 800
Parking facilities	14 418
Purchase—805 West Pennsylvania	4 198
Purchase of faculty houses	89 439
Relocate buildings on Chemistry Building site	4 060
Relocate building—607 East Springfield Avenue	8 000
Remodeling Agriculture buildings	8 002
Remodeling Armory	43 681
Remodeling Architecture library	1 200
Remodeling 105 and 309 Gregory Hall	5 567
Remodeling 606 South Mathews	262
Remodeling Mining and Metallurgical Machine Shop	7 067
Remodeling Natural History Building	7 012
Remodeling 155 Natural History Building	6 200
Remodeling Physics library	2 801
Remodeling Smith Music Hall	11 868
603 and 607 East Springfield Avenue—Water Survey	11 448
Veterinary Pathology Laboratory	3 118
Veterans Recreation Center	17 431
Warehouse	12 258
Temporary building remodeling	32 000
Improvements for President's House	27 829
Minor building remodeling	7 560
Architecture for future buildings	17 000
Billiard room in Arcade Building	865
Ceramics Building acoustics	76
Purchase of Illinois Terminal right-of-way	5 000
Remodeling Electrical Engineering Laboratory	10 523
Remodeling Radio Station	3 991
Removal of locomotive testing laboratory spray basin	175
Woodland tracts	127
Purchase 1116 West Illinois Street	184
University Center at Chicago	403
Purchase of 1007 South Wright Street	428

Ventilating system—Electrical Engineering Annex	5 903	
Partition of Davenport Hall	305	
Military Stable—repairs	10 855	
Machine Tool Laboratory transformers	5 000	
Remodeling Band Building	5 800	
Radiocarbon Laboratory	16 047	
Brickmasons classrooms	2 175	
Sub-total, Urbana-Champaign Departments		1 543 562

CHICAGO UNDERGRADUATE DIVISION

Nonacademic Personnel	340	
Liberal Arts and Sciences	3 055	
Engineering	10 515	
Physical Plant—renewals and replacements:		
Student lockers	53 000	
Drawing for gymnasium addition	5 000	
Commerce special equipment	2 000	
Engineering special equipment	3 619	
Physics equipment	6 400	
Liberal Arts and Sciences special equipment	2 000	
Sub-total, Chicago Undergraduate Division		85 929

CHICAGO PROFESSIONAL COLLEGES

Vice-President—research exhibits	2 365	
Surplus property—expense	1 000	
Graduate Research:		
Whitehorn	500	
Kempf	186	
College of Medicine	6 149	
College of Dentistry	808	
Eye and Ear Infirmary	250	
Physical Plant—renewals and replacements:		
House pump rehabilitation	590	
Parking lot studies	2 400	
Parking lot	9 000	
Fire lines	18 040	
Fire alarms	36 575	
Emergency lighting	12 745	
Telephone switchboard	4 875	
Remodeling Business Office	6 889	
Relocation of Tabulating Office	370	
Business Office special equipment	500	
Animal Hospital special equipment	3 594	
Animal Hospital remodeling	3 337	
Dentistry special equipment	46 573	
Medical betatron	175 000	
Medical and Dental College Laboratories Building ventilation	750	
Demolition of old buildings	172	
Biological Chemistry equipment	15 745	
Improvements to medical library	2 750	
Building campus studies	5 776	
Medical exhibit	786	
Equipment for Medicine and Surgery	2 555	
Reconversion of radium bomb	241	
Study of convalescence	1 380	
Hospital furniture and equipment	181	
Lighting technique dentistry	515	
Remodeling 564 Medical and Dental College Laboratories building	530	
Pharmacy microscopes equipment	3 601	
Ophthalmology equipment	817	
Sub-total, Chicago Professional Colleges		367 545

GALESBURG UNDERGRADUATE DIVISION

Engineering Sciences	128
Business Office	619
Natural Sciences	1 040
Personnel Bureau	161
Galesburg library control	660
Physical Education equipment	578
Physical Plant building maintenance	2 333
Galesburg improvements	3 500
Property insurance	25 685
Sub-total, Galesburg Undergraduate Division	34 704
Total, Balances Recommended for Reappropriation	$2 031 740

CHANGES IN CIVIL SERVICE CLASSIFICATIONS

(Approved by the Board, page 33)

New Classifications

Position Title	*Salary Range*
Trainee-Apprentice	Various
Houseman	175–250
Assistant to the Superintendent of Operations (Urbana)	300–450
Technical Assistant, Hospital Laboratory (Replaces Assistant to Director of Hospital Laboratory)	225–315
Antenna Technician	250–325
Junior Chef	175–250
Associate Director of Nursing	275–400
Assistant to Director of Nursing	250–325
Assistant Director of Nursing (Replaces Assistant Director of Nurses)	265–350
Designer	350–500
Clinical Photographer	300–450
Lineman (Airport)	175–250
Senior Aircraft Maintenance Mechanic	250–325
Junior Aircraft Maintenance Mechanic	200–280
Aircraft Maintenance Mechanic Helper	140–200
Aircraft Instrument Repairman	250–325
Aircraft Shop Foreman	265–350
Assistant to Security Officer	275–400
Linen Room Attendant	150–225
Assistant Supervisor, Sewing and Surgical Dressings	140–200
Junior Darkroom Technician	125–175
Senior Darkroom Technician	140–200
Business Manager, McKinley Hospital	250–325
Warehouse Custodian	175–250
Electro-Acoustic Technician	225–315
Ward Attendant	140–200
Assistant Manager Public Information	200–280
Foreman, Window Washer (Chicago)	Prevailing
Surgical Dressing Maker	125–175
Supervisor, Student Loans	250–325
Chief Medical Record Librarian	275–400
Musical Instrument Repairman	225–315
Clinical Laboratory Technician	200–280
Routing Dispatcher	200–280
Foreman, Mailing Service	225–315
Park Attendant (Replaces Park Laborer)	150–225
Assistant to the Legal Counsel	300–450 or 350–500
Fire Inspector	200–280
Assistant Director of the Illini Union	350–500

Changes in Present Classifications

Position Title	*Salary Range*
Senior Chef (Replaces Chef) (Galesburg, Urbana, Chicago)	200–280 / 225–315
Director of Nurses (Transferred to academic status)	.....
Supervisor, Nursing Service[1]	300–450
Assistant Supervisor, Nursing Service[1]	265–365
Orthopaedic Nursing Consultant[1]	250–325
Nursing Consultant[1]	225–315
Supervisor, Medical Social Service[1]	300–450
Medical Officer[1]	400–650
Manager of Photographic Laboratory	300–450

[1] Division of Services for Crippled Children.

Position Title	*Salary Range*
Assistant Photographer	200–280
Photographic Technician (Replaces Assistant Photographic Technician)	150–225
Chief Building Operator Engineer	275–400
General Airport Mechanic (Specifications revised)	250–325
Supervising Nurse	200–285
Clinic Nurse	200–285
Assistant to Business Manager	350–500
Musical Instrument Technician (Specifications revised)	265–350
Supervisor of Animal Hospital	300–450
Manager, Chicago Illini Union	350–500
Assistant to Military Property Custodian	225–315
Locker Room Attendant (Specifications revised)	.....
Assistant to Superintendent of Buildings and Grounds (Galesburg) (Replaces Assistant Superintendent of Buildings and Grounds)	275–400
Superintendent of Operations (Galesburg)	275–400
Senior Operations Clerk	200–280
Associate Architect	400–650
Architectural Designer	350–500
Senior Architectural Draftsman	300–450
Specifications Writer	300–450
Supervisor of Off Campus Housing	265–350
Assistant Supervisor of Off Campus Housing	225–315
Assistant to Director of Illini Union (Urbana) (Replaces Assistant to Manager of Illini Union)	.....
Laboratory Manager (Specifications revised)	.....
Messenger (Urbana)	Prevailing
Messenger (Chicago)	150–225
Aircraft Maintenance Engineer	350–500
Police Captain (Specifications revised)	.....
Police, 1st Lieutenant (Specifications Revised)	.....
Police, 2nd Lieutenant (Specifications Revised)	.....
Head Baker (Chicago)	265–350
Assistant Administrator, Research and Educational Hospitals (Specifications Revised)	350–500
Gardener (Building and Grounds) (Specifications Revised)	.....
Supervising Accountant (Urbana)	275–400
Supervising Accountant (Chicago)	350–500
Senior Accountant	265–350
Junior Accountant	200–280
Senior Purchasing Assistant	265–350
Junior Purchasing Assistant	200–280
Head Cashier	275–400
Cashier	200–280
Assistant Cashier	150–225
Supervisor of Tabulating Machines— Urbana	275–400
Supervisor of Tabulating Machines— Chicago	300–450
Senior Payroll Clerk (Urbana)	200–280
Senior Payroll Clerk (Chicago)	235–315
Junior Payroll Clerk (Urbana)	140–200
Junior Payroll Clerk (Chicago)	175–250
Senior Office Appliance Operator	175–250
Junior Office Appliance Operator	150–225
Assistant Office Appliance Operator	125–175
Purchasing Agent (Chicago)	400–550
Supervisor of Building Craftsmen (Chicago)	350–500
Laundry Manager	300–450
Laundress Supervisor	150–225
Mailing Clerk (Specifications revised)	.....
Senior Proofreader	225–315
Junior Proofreader	175–250
Copyholder	125–175
Chief X-Ray Technician	250–325
Senior X-Ray Technician	225–315
Medical Record Librarian (Specifications Revised)	200–280
Personnel Assistant (Specifications Revised)	.....
Supervisor of Mailing Services (Specifications Revised)	.....
Junior Clerk-Stenographer (Chicago)	150–225
Senior Clerk-Stenographer (Chicago)	200–280
Secretary (Chicago)	225–315
Senior Secretary (Chicago)	250–325
Supervising Clerk-Stenographer	225–315
Junior Laboratory Mechanic	200–280
Senior Laboratory Mechanic	250–325

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

September 23, 1948

The September meeting of the Board of Trustees of the University of Illinois was held on Thursday, September 23, 1948, at the Country Club, in Peoria, according to the following schedule:

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

12 m. — Open session.

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

President Stoddard was present; also Provost Griffith, Assistant to the President, Mr. A. J. Janata, Secretary H. E. Cunningham, Comptroller Lloyd Morey, Legal Counsel W. E. Britton, and, during the open session, Director J. F. Wright.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of May 21-22 and June 15, 1948.

On motion of General Davis, the minutes were approved as printed on pages 1091 to 1482.

REPORTS OF EXECUTIVE COMMITTEE

The Secretary presented for record the following report of actions of the Executive Committee.

August 4, 1948

1. Purchase of property at 710 West Indiana Avenue, Urbana. The Board of Trustees on July 21-22, 1948, authorized the Executive Committee to act for the Board in the purchase of another residence property for faculty housing. The Committee authorized the purchase of the property at 710 West Indiana Avenue, Urbana, from Gordon Phillips, owner, for $17,000, and made an assignment of $18,000 for this purpose from the General Reserve Fund to provide for expenses incidental to the purchase and such repairs as may be necessary.

August 11, 1948

1. Funds for remodeling in Chicago Undergraduate Division. The Executive Committee authorized an assignment of $15,230 from the General Reserve Fund for remodeling to provide a new General Engineering Drawing Room and adapt the present room for use as a library ($9,500), and for the purchase of equipment, library shelving, tables, chairs, control desk, and miscellaneous furnishings ($5,730).

These improvements are to provide suitable reading space and the purchase of equipment for a valuable architectural library which has been presented to the University by Holabird and Root of Chicago.

2. Award of contract for extension of Utilities Distribution System. The following bids were received:

Kuhne-Simmons Co., Inc., Champaign	$167 017
Warner Construction Co., Chicago	209 948

On the recommendation of the Director of the Physical Plant Department, the Comptroller, and with the concurrence of the President's Office, the Executive Committee authorized the award of the contract to Kuhne-Simmons Co., Inc., the lower bidder. Funds are available in the State appropriation for this project.

August 25, 1948

1. Increase in contract for heating installation in Women's Residence Halls. The Director of the Physical Plant Department and the Comptroller recommended an increase of $1,858 in the contract with Gallaher and Speck, Inc., Chicago, for heating installations in the new residence halls for women on Lincoln Avenue to provide for furnishing and installing the necessary valves, pipes, fittings, and other appurtenances for a pressure reducing valve station. The Executive Committee authorized this increase. Funds are available in the State appropriation for the "Construction of student residence halls."

2. Contract for construction of steam distribution system. Bids were received for the construction of the steam distribution system between the second unit of the Dentistry, Medicine, and Pharmacy Building and the Chicago Illini Union Building. Five firms were invited to bid but the only one received was from the William A. Pope Company, Chicago, for $31,240. The bid included a provision that it would remain a firm bid only if accepted within three weeks. The deadline was September 3, 1948; hence, early action was desired.

The Director of the Physical Plant Department and the Comptroller recommended the award of a contract to the William A. Pope Company, Chicago, in the amount of $31,240.

The Executive Committee authorized this contract. Funds are available in the State appropriation for this project.

3. Reconstruction of sidewalk and driveways at Physics Research Laboratory. The Physics Research Laboratory (Betatron Building) at Urbana is in an area which is subject to flooding during heavy rains as the result of overflow from the Illinois Central underpass. The following bids were secured on the elevation of the sidewalk and reconstruction of such driveway areas as will be necessary to dam the flood waters:

C. A. Petry & Sons, Champaign.....$2 865
E. N. DeAtley, Champaign..... 4 500

The Director of the Physical Plant Department and the Comptroller recommend award of a contract for this work to the lower bidder, C. A. Petry & Sons, Champaign, in the amount of $2,865. The Executive Committee authorized the award of this contract. Funds are available in the State appropriation for "Completion of the construction of Physics Research Laboratory" to provide for this improvement.

4. Award of Illinois C.P.A. certificates under Section 5 of the Accountancy Act of 1943 to the following candidates:

Name	*Address*	*Certificate from*
EDWIN ADELBERT FRANCIS	Chicago	Kansas
CURTIS EPHRAIM GUFFEY	Paducah, Ky.	Kentucky
WILLIAM HENRY HOGAN	Chicago	New York
WILLIAM JOE NETTLES	Atlanta, Ga.	Texas
RUSSELL S. NIDA	Detroit, Mich.	Michigan
GUY L. RICH	Chicago	Washington
FRED EDWARD ROEDGER	Melrose Park	Ohio
JOHN WILLIAMS	Chicago	Kansas

They have presented satisfactory evidence that they are holders of valid and unrevoked C.P.A. certificates obtained in other states by passing written examinations and that they meet all of the other conditions specified by this section of the Act. The Executive Committee authorized the award of these certificates.

MATTERS PRESENTED BY PRESIDENT STODDARD

The Board discussed items on the agenda and took action on the following matters presented by the President of the University.

APPOINTMENT OF PAR DANFORTH AS DIRECTOR OF ROBERT ALLERTON PARK

(1) I recommend the appointment of Mr. Par Danforth, at present Executive Secretary of the Seattle Branch of the American Friends Service Committee, as Director of Robert Allerton Park with the rank of Professor, at an annual salary of $8,000, and that the President of the University be authorized to fix the effective date. This will be determined in part by Mr. Danforth's present commitments. As Director of Robert Allerton Park, Mr. Danforth will not only supervise all Park operations but will also be director of all projects for which the Park and Robert Allerton House will be used.

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

PURCHASE OF RESIDENCE PROPERTIES FOR STAFF HOUSING

(2) At its meeting on July 21-22, 1948 (Minutes, page 3), the Board of Trustees authorized the purchase of the residence property at 909 West Nevada Street, Urbana, from H. H. Mitchell, owner, for $17,500 on the basis of an independent appraisal procured by the University. The owner planned to use the proceeds to build a new house. He has subsequently found that $17,500 is inadequate for this purpose and has secured appraisals of his own which value his property at $21,000. The purchase of this property was recommended because it is in an area of future campus expansion (for women's residence halls), and in the meantime the property could be used advantageously for staff housing. In view of the great difference in the appraisals and since the site will not be needed for several years, I recommend that the University not purchase the property at this time.

On motion of Mrs. Holt, this recommendation was adopted.

REPORT AND RECOMMENDATIONS ON INSURANCE PRACTICES

(3) I am submitting an Insurance Report prepared by a temporary advisory committee to the Comptroller and to the President appointed April 28, 1948. Mr. William E. Britton can describe the work of the committee and Mr. Leslie A.

Bryan, its Chairman, will be glad to meet with the Board Committee at any time.

The committee has made a number of explicit proposals for clarifying both policy and practice. I recommend that they be accepted by the Board as a basis for study and appropriate action.

This matter was referred to the Finance Committee for study and report.

EMPLOYMENT OF ARCHITECTS FOR STAFF APARTMENT PROJECT IN CHICAGO

(4) The Board of Trustees on July 21-22, 1948 (Minutes, page 7), authorized the construction of a student residence hall and a staff apartment building for the Chicago Professional Colleges at a cost of $3,786,733 (exclusive of land cost for which an appropriation of $50,000 has already been made), these projects to be financed by the University of Illinois Foundation through a loan for which application has been made by the Foundation to the Equitable Life Assurance Society of New York. The application is for a loan not to exceed $4,000,000. Revised estimates indicate a construction cost of $4,006,869, the increase over the previous estimate being due to an increase in the number of apartment units from 116 to 145. It is believed that the excess of $6,869 over the loan applied for can be eliminated.

The Director of the Physical Plant Department recommends the employment of Skidmore, Owings, and Merrill of Chicago as architects for the staff apartment project at a fee of 5½ per cent of the cost of construction. On this basis it is estimated that the architectural services will cost $70,300.

I recommend that the Board of Trustees authorize the employment of Skidmore, Owings, and Merrill, the contract to be entered into as soon as construction funds have been assured.

Plans and specifications for the student residence hall are being financed by a grant from the Federal Works Agency. This grant is reimbursable if the project is carried to completion but not otherwise.

On motion of Mr. Livingston, this matter was referred to the Committee on Chicago Departments for further study and report to the Board.

OPEN SESSION

When the Board convened in open session at 2 p.m. on September 23, the same members and officers were present as during the morning session.

MATTERS PRESENTED BY PRESIDENT STODDARD

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

REQUEST OF REPRESENTATIVE JOHN K. MORRIS

(1) Mr. John K. Morris, Representative in the General Assembly of Illinois, has requested an opportunity to appear before the Board of Trustees when the Board considers the building program for the biennium of 1949-1951. He is particularly interested in the building for the College of Veterinary Medicine. I recommend that the Board give Mr. Morris a hearing at the October meeting.

On motion of Dr. Meyer, this request was granted.

ADVISORY COMMITTEE FOR COLLEGE OF VETERINARY MEDICINE

(2) The Dean of the College of Veterinary Medicine recommends the reappointment of the following present members of the Advisory Committee for the academic year 1948-1949:

C. R. COLLINS, Dixon	OSCAR LINN, Canton
C. E. DILLE, Cairo	R. V. MCKEE, Varna
WAYNE DINSMORE, Chicago	G. 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

I concur and recommend that they also be reappointed to the Citizens Committee of the University of Illinois in accordance with the practice of including all college advisory committees in the membership of the general committee.

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

APPOINTMENT OF ALBERT E. JENNER, JR., TO BOARD OF EXAMINERS IN ACCOUNTANCY

(3) The term of office of Mr. John S. Miller, the legal member of the regular three-man Board of Examiners in Accountancy, expired on June 30, 1948. To fill this vacancy the Committee on Accountancy recommends the appointment of Mr. Albert E. Jenner, Jr., for a three-year term beginning July 1, 1948.

Mr. Jenner is forty years of age. He is a graduate of the College of Law of the University of Illinois having received his LL.B. degree in June, 1930. He has written extensively on the Practice Act of Illinois, particularly with reference to appellate procedure. He has served most effectively on many committees of the Chicago and State Bar Associations. He has achieved distinction in the profession.

Mr. Jenner is a member of the firm of Poppenhusen, Johnston, Thompson, and Raymond of Chicago. If appointed Mr. Jenner is willing to serve.

I recommend this appointment.

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

APPOINTMENT OF DEAN OF THE COLLEGE OF ENGINEERING AND DIRECTOR OF THE ENGINEERING EXPERIMENT STATION

(4) Dean Melvin L. Enger will retire from active service as Dean of the College of Engineering, as Director of the Engineering Experiment Station, and as Professor of Mechanics and Hydraulics on September 1, 1949, at the end of the current academic year.

I recommend the appointment of Professor William L. Everitt, now Head of the Department of Electrical Engineering, to the position of Dean of the College of Engineering and Director of the Engineering Experiment Station for two years from September 1, 1949, and continuing as Professor of Electrical Engineering on indefinite tenure from September 1, 1949, at an annual salary of $12,500.

The Executive Committee of the College of Engineering, which consists of the heads of the departments, has been consulted in accordance with the statutory provisions relating to nominations of deans of colleges, and Professor Everitt is the unanimous choice.

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

CURRICULUM IN HEALTH EDUCATION

(5) The University Senate recommends adoption of a curriculum in Health Education. This is a four-year program in the School of Physical Education, requiring a minimum of 130 semester hours of credit and leading to the degree of Bachelor of Science in Health Education (see Appendix, page 128).

This curriculum was prepared by the University Committee on Health Education in the Schools, a Committee of the University Council on Teacher Education. It has been approved by the Council and by the School of Physical Education.

I concur.

On motion of Mrs. Holt, this curriculum was approved and established as recommended.

RELEASES OF FUNDS FOR BUILDINGS AND CAPITAL IMPROVEMENTS

(6) The Governor has authorized releases[1] of funds from appropriations made to the University of Illinois by the 65th General Assembly under Senate Bill 662, "An Act making appropriations for certain additional ordinary, contingent, and distributive expenses of State government," which included appropriations totaling $12,994,732 to the University for buildings and other capital improvements.

From the item "For permanent improvements at Urbana-Champaign: Construction of Student and Staff Apartments"	$400 000
Release No. 35, for plans and specifications for Student and Staff Apartments (Released August 11, 1947)	100 400
Release No. 326, for construction of Student and Staff Apartments	299 600
From the item "For Contingencies to cover expenditures for purposes for which the amount appropriated in any item above enumerated is or becomes insufficient"	618 845
Release No. 327, to be used in the construction of Student and Staff Apartments	168 200
Release No. 349, to augment Release No. 1 in the amount of $2,500,000 for the "Construction of a new Chemistry Building"	137 000
Release No. 350, to augment Release No. 2 in the amount of $1,100,000 for the "Construction of a new Electrical Engineering Building"	49 000
Release No. 351, to augment Release No. 3 in the amount of $1,150,000 for the "Construction of a new Mechanical Engineering Building"	62 000
Release No. 352, to augment Release No. 6 in the amount of $775,000 for the "Enlargement of Power Plant by constructing an addition thereto"	32 050
Release No. 353, to augment Release No. 7 in the amount of $1,550,000 for the "Construction for the enlargement and extension of the existing Utilities Distribution Systems"	35 000
Release No. 354, to augment Release No. 8 in the amount of $110,000 for the "Construction of Water Station improvements"	6 000

On motion of Mr. McLaughlin, these funds were appropriated for the purpose specified, 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.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

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

1. Additional toilet and lavatory facilities for Illini Publishing Company		$ 2 000
2. Remodeling and equipment for Research and Educational Hospitals		2 975
3. Purchase of an Autotechnicon for the College of Dentistry		1 250
4. Equipment for the College of Medicine to be used with basic X-ray diffraction unit		400
5. Remodeling of Room 203, Bevier Hall and purchase of air-conditioning equipment		5 000
6. Equipment for Department of Horticulture		9 500
a. For improvement of instruction in Vegetable Crops courses:		
Industrial laboratory table	1 087	
Electrical equipment for the table, blackboard, ventilating system, bulletin board, raised platform	535	
Ten microscopes	2 340	

[1] The appropriation act provides that "No contract shall be entered into or obligation incurred for new expenditure from any appropriation herein made until after the purpose and amount of such expenditure has been approved in writing by the Governor."

b. Replacement of Horticulture Department cars:
Two Chevrolet sedans replaced with new Chevrolets or Fords 2 800
Ford panel truck (used in the Bankhead-Jones spray investigations) 1 200
c. Reconditioning of boilers at Horticulture Field Laboratory 1 500

7. Installation of coat hooks on walls of all classrooms in David Kinley Hall 1 970
8. Remodeling of rooms in Gregory Hall to provide office space for the Council on Teacher Education 3 280
9. Equipment for Speech Laboratory 29 000
10. Reserve Books Service Station at Chicago Undergraduate Division .. 1 678
11. Storage facilities for Military Department equipment 1 500
12. Facilities at Dixon Springs Experiment Station (supplementary to previous appropriation made by Board of Trustees, January 8, 1948) 2 500
13. Remodeling of dwelling at 1208 West Springfield Avenue assigned to College of Education for use as nursery school for mentally retarded children 8 550
14. Changes in administrative offices 25 000
a. Moving the Mailing Room, now on the ground floor of the Arcade Building Annex, to 810 South Sixth Street
b. Vacating of latter building by University Press
c. Moving Tabulating Division from ground floor Administration (E) to Arcade Building Annex
d. Moving of Director of Admissions Mailing Room from ground floor Administration (W) to Arcade Building Annex
e. Moving proofreaders and editors from various rooms in Administration Building to ground floor Administration (E)
f. Installation of new press in space vacated by Director of Admissions Mailing Room, which is adjacent to present University Press

Total $94 603

On motion of Mr. Nickell, these funds were appropriated 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.

ADDITIONAL REAPPROPRIATION OF UNEXPENDED BALANCES

(8) On July 22, 1948 (Minutes, page 27), the Board of Trustees approved a reappropriation of certain unexpended balances on June 30, 1948. The need for the following additional balances will continue in 1948-1949, and their reappropriation is requested:

Urbana-Champaign:		
Electrical Engineering College special equipment	$5 311	
Educational Administration	45	
Institute of Labor and Industrial Relations	198	
Gallivan Tract	2 836	$8 390
Chicago Undergraduate Division:		
Library		5 000
Total balances recommended for reappropriation		13 390

I concur and request the reappropriation of the above balances.

On motion of Mr. Livingston, these balances were appropriated 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.

AWARD OF CONTRACT FOR ENGINEERING SERVICES FOR ABBOTT POWER PLANT ADDITION

(9) The Board of Trustees on June 15, 1948, approved a special appropriation of $49,220, the estimated expenditure required in the 1947-1949 biennium for the addition of a 7500 kilowatt service generator, Unit No. 4, in the Abbott Power Plant, Urbana.

The Director of the Physical Plant Department and the Comptroller recommend award of a contract to Sargent and Lundy, Engineers, Chicago, for all engineering services on the complete project. The agreement will be contingent on an additional State appropriation for the 1949-1951 biennium for the completion of this project, and if such an appropriation is not made the University agrees to reimburse Sargent and Lundy only for actual expenditures.

The contract provides for reimbursing Sargent and Lundy for salaries paid engineers and draftsmen at their regular rates, plus 50 per cent; for salaries paid resident field engineers, plus 10 per cent; for stenographic and clerical services, traveling expenses, and miscellaneous expense at actual cost. Estimated expenditures under this contract during the 1947-1949 biennium are $49,000; if an additional capital appropriation is received and the project is completed in 1949-1951, the total expenditures under this contract are estimated to be $110,000.

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

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

AWARD OF CONTRACT FOR ENGINEERING SERVICES FOR UNDERGROUND CONDUIT ON SOUTH FARMS

(10) The Director of the Physical Plant Department and the Comptroller recommend a contract with Sargent and Lundy, Engineers, Chicago, for engineering services in connection with the construction of an underground conduit line from the South Farm main switch gear station east to the President's House and to the Horticulture Field Laboratory to replace the existing pole line.

Funds are available in the Physical Plant operation and maintenance budget for the preparation of plans and specifications. This improvement is necessary to eliminate frequent power failures which affect the large refrigerating equipment in the cold storage area of the Horticulture Field Laboratory, research work in this building, and electrical service to the President's House. Such interruptions will continue until the present overhead line is replaced with underground service.

Some of the planning will be done by the Physical Plant Department, but the necessary personnel is not available for all of the work.

I recommend that authority be granted the Comptroller and the Secretary of the Board to execute this contract; the cost is estimated not to exceed $2,500. The contract will provide for payment by the University of the salaries of engineers and draftsmen, plus 100 per cent, plus actual clerical wages and other expenses incurred.

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

AWARD OF CONTRACT FOR TEMPERATURE AND HUMIDITY CONTROL EQUIPMENT IN NOYES LABORATORY

(11) The Board of Trustees has appropriated $2,500 for the installation of temperature and humidity control equipment in the Noyes Laboratory for research work financed partly by a grant from the National Institute of Health and partly by the State Water Survey Division, which is housed in this building.

The Chief of the State Water Survey, the Director of the Physical Plant Department, and the Comptroller recommend award of a contract for the installation of this equipment to Climatic Engineering, Inc., Danville, the lowest bidder, at a cost of $5,860. The cost of this installation will be charged in part, $1,660, to the appropriation made by the Board of Trustees, and the balance of $4,200 will be paid from State Water Survey funds.

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

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

TABULATING MACHINE INSTALLATION IN CHICAGO

(12) The University has an installation of International Business Machines in Chicago in addition to the one in Urbana, under a contract approved January 25, 1947 (Minutes, page 224). It is desired to enlarge this installation to provide for further mechanization of the registration procedure at the Chicago Undergraduate Division. The present installation in Chicago is located at the Chicago Professional Colleges although it provides certain services to the Undergraduate Division. Additional equipment is necessary to take care of the contemplated registration program at the Chicago Undergraduate Division. This equipment should be contracted for now to secure installation for use in 1949-1950. The machines are installed on a rental basis amounting to $130 a month after allowing for an educational discount of 20 per cent.

The Director of Admissions and Records requests approval of such a contract, the necessary funds to be provided in the operating budget beginning with 1949-1950. The Business Manager of the Chicago Divisions, who has general charge of the tabulating machine equipment in Chicago, concurs.

I concur and request that the Comptroller and the Secretary of the Board be authorized to execute a contract with the International Business Machines Corporation for this equipment and to make minor changes in the contract as the needs of the service may require.

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

AWARD OF CONTRACT FOR REFRIGERATOR AT CHICAGO UNDERGRADUATE DIVISION

(13) Bids have been received for the construction of a walk-in refrigerator for food service at the Chicago Undergraduate Division. This facility is necessary to comply with health standards. Funds are available in the operation and maintenance budget for this project.

The Director of the Physical Plant Department and the Comptroller recommend award of a contract to the lower bidder, Bromann Brothers, Chicago, in the amount of $5,550 for this construction.

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

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

AWARD OF CONTRACT FOR FLOORING IN STADIUM

(14) As a part of the restoration of the West Great Hall of the Stadium to its prewar use for physical education and athletic activities, it is proposed to resurface the floor (an area in excess of 20,000 square feet) with asphalt tile rather than the wood mosaic block flooring previously used. Bids have been received on the furnishing and the application of such material.

The Director of the Physical Plant Department and the Comptroller recommend an award of the contract to W. Lewis and Company, the lowest bidder, in the amount of $6,107.77.

Funds are available for this work in reserves accumulated from operation of temporary housing facilities.

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

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

AWARD OF CONTRACT FOR LIGHTING IMPROVEMENTS IN ARCHITECTURE BUILDING

(15) The Department of Architecture has requested improvement of the artificial lighting in all of the drafting rooms. Students have been complaining of eyestrain and members of the faculty who are now carrying heavy schedules and who must spend long hours in these rooms are having the same difficulty due to inadequate lighting.

Bids have been received for rewiring, repowering, and relighting of rooms 200 and 210 in the Architecture Building. The Director of the Physical Plant Department and the Comptroller recommend that the contract for this work be

awarded to the Anderson Electric Company, Inc., Danville, the lowest bidder, in the amount of $22,194. Funds are available.

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

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

IMPROVEMENT OF ROADS SERVING THE ROBERT ALLERTON FARMS

(16) The authorities of Piatt County have requested financial assistance from the University for the oiling of roads in Willow Branch Township in which the Robert Allerton Park and the Robert Allerton Farms are located. About seven miles of roads lie within the lands deeded by Mr. Allerton to the University. In computing the values of all taxable property in Willow Branch Township, it has been found that the University owns approximately 20 per cent of the valuation of this township. The University has not paid taxes assessed against this real estate which means a loss of approximately 20 per cent of all taxes levied in the township.

The township roads in Willow Branch Township must be oiled with at least two coats each year in order to make them year-round roads. Since the University has not paid the 1947 taxes payable in 1948, the Township Highway Commission is faced with the problem of being short over 20 per cent of the money levied and assessed for highway purposes.

The Legal Counsel recommends that the Board authorize a contract with the authorities of Piatt County or of Willow Township whereby the University will agree to pay the cost of surfacing that portion of the road adjoining the Robert Allerton Park and Farms with a provision in the contract that such payment by the University is for services and will not prejudice any of its claims or affect its responsibilities with respect to the tax status of the property involved.

The estimated cost of this service is $2,500 to $3,000 a year.

I concur.

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

OIL AND GAS LEASE ON OLNEY EXPERIMENTAL FARM

(17) The University owns 19⅓ acres of land near Olney, Illinois, which is used as an experimental fruit farm by the Department of Horticulture. Approximately twelve acres are in orchards and the rest is in pasture land.

Oil wells have been drilled within a mile and one-half of the University's land and have been in production for several years. The Sun Oil Company is interested in developing more production within this territory and has secured leases on properties adjoining the University's land. The Company wishes to secure an oil and gas lease on the University's land which would permit it to conduct drilling operations in the event that oil or gas in commercial quantities is found within a statutory offset location of the University's premises, after discovery and development drilling on other land. In that event the University's land would be communitized with adjoining acreage in such manner as would require the location of not more than one well on the present pasture land if production is discovered in limestone strata, or one well on pasture land and one well in the orchard if production is discovered in sand strata. In either event, location of the well or wells would be discussed with University officials before application for drilling permits from the State, and the wells would be drilled with every precaution possible to avoid damaging the experimental orchard and with full reimbursement for any damage. In the opinion of officials of the College of Agriculture, the drilling of one well would not result in irreparable damage or delay to experimental work.

The proposed lease would provide for the payment of $5.00 a year an acre. If oil or gas is produced from wells on the University's land, the University will receive one-eighth of the proceeds. If producing wells are drilled within 330 feet of University land, the University will share in the royalties of such production.

I recommend that the Board of Trustees authorize the execution of the lease.

On motion of Mr. Williamson, the execution of this lease was authorized as recommended.

ADDITION TO CONTRACT FOR ABBOTT POWER PLANT ADDITION

(18) A permanent platform at the Abbott Power Plant in Urbana to facilitate cleaning of tubes in the economizers and high-pressure heaters is needed as cleaning must be done three to five times a year. A permanent platform will eliminate the labor of erecting scaffolding each time the work is done and will reduce risk to the workers.

The University does not have structural iron workers required for the erection of the material, and the only structural iron workers in the community are employed by local contractors. The Director of the Physical Plant Department and the Comptroller recommend, therefore, that this work be done by Kuhne-Simmons Company, Inc., as an addition to their contract for the superstructure of the Power Plant additions. The platform will cost $1,373. Funds are available in the budget for this.

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

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

ADDITIONS TO CONTRACTS FOR STEAM DISTRIBUTION SYSTEM AT URBANA

(19) The Director of the Physical Plant Department and the Comptroller recommend the following additions to contracts for the construction of the steam distribution tunnel at Urbana to provide for furnishing and installing of insulation, pipe valves, and fittings necessary to join the steam service to the student and staff apartments:

W. A. Pope Company, Chicago, contractors for piping installation $9 414
Asbestos and Magnesia Materials Company, Chicago, contractor for insulation 2 005

The original contracts for this work were awarded by the Board of Trustees on January 25, 1947 (Minutes, page 228), but this part of the work was not included as the plans for the student and staff apartment building had not been completed. Funds are available in the State appropriation for the "Construction for the enlargement and extension of the existing utilities distribution system."

On motion of Mr. Livingston, these additions to contracts were authorized.

ADDITION TO CONTRACT FOR GENERAL WORK ON WOMEN'S RESIDENCE HALLS

(20) The Director of the Physical Plant Department and the Comptroller recommend an increase of $2,479.12 in the contract with the Warner Construction Company for the general work on the Women's Residence Halls, Urbana. This increase is to provide for the furnishing and installing of wooden stools or bases under the radiators and other work in connection therewith.

Funds are available in the special State appropriation for this project.

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

On motion of Dr. Meyer, this addition to contract was authorized.

PURCHASE OF ADVANCED R.O.T.C. UNIFORMS

(21) At the July 22, 1948, meeting, the Board of Trustees approved a recommendation that an order for 200 military uniforms for advanced course students in R.O.T.C. be placed with Jacob Reed's Sons, Philadelphia, Pennsylvania, who submitted the lowest bid.

These bids were based on our specifications, which included the materials and the Army regulations for style. Before placing an order a sample uniform was requested. When the sample was received it was found to be inferior in work-

manship and the Military Department declared it not satisfactory. Samples from the other bidders were then obtained for comparison. The sample from the Associated Military Stores, Chicago, is without question superior to either of the others and the Commandant requests that this uniform be purchased. The Associated Military Stores has submitted a revised bid, having changed the cap to an unremovable cover as quoted by the others, the reduction being $1.90. Their price on the insignia is considerably lower than Reed's. The Associated Military Stores bid is now $71.65 as compared to $71.45 by Reed's.

The United States Army allows to the University commutation in the amount of $94.77 for each student for the purpose of purchasing a uniform which becomes the property of the student when he completes the course. The balance above the cost of this uniform will be used to buy shoes and accessories. It is proposed to provide the student with a high quality uniform which he can use as a reserve officer or in the regular army.

The Director of Purchases, the Commandant, and the Comptroller now recommend that the order be placed with the Associated Military Stores at their price of $71.65 because of their ability to furnish a superior quality uniform. They have supplied our R.O.T.C. uniforms for several years and provided excellent quality and service.

I concur in this recommendation.

On motion of General Davis, this recommendation was approved.

INSURANCE ON HOSPITAL AND MEDICAL SERVICE PLAN

(22) The Board on July 21, 1948 (Minutes, page 10), referred to the Finance Committee for consideration and report to the Board the question of insurance on the hospital and medical service plan for students in the Urbana-Champaign, Chicago Undergraduate, and Galesburg Undergraduate divisions for 1948-1949.

The Finance Committee recommends that insurance in a commercial company be continued for the coming year and that the benefits be as follows:

(1) Hospital allowance of $5.00 a day of hospitalization, not to exceed twenty-eight days in a semester (compared with $4.50 a day in 1947-1948).

(2) An allowance up to $22.50 a semester for miscellaneous hospital services, including laboratory, anaesthetic, operating room, medicines, etc. (the same as at present).

(3) Medical service of $3.00 a day for not more than two-thirds of the number of days the individual is hospitalized, not exceeding twenty-eight days a semester, not payable if a surgical benefit is payable (the same as at present).

(4) Allowance for surgical services based on an itemized schedule with a maximum of $225. (The schedule is approximately 23 per cent less than the schedule of 1947-1948. The company receiving the insurance last year allowed a schedule in excess of customary amounts and difficulties have resulted from such a liberal provision.)

In accordance with the recommendation of the Finance Committee, invitations to bid on this insurance for the University of Illinois beginning September 10, 1948, were submitted to sixty-seven companies and advertised in the press. Prospective bidders were requested to quote only premium rates on either or both a retention and nonretention plan basis for the provision of stated benefits as outlined in the bid form, which benefits were considered by the University, based on its past experience and anticipated needs, as being desirable and adequate to meet the average requirements of the students. The benefits are available to University faculty, employees, and their dependents upon application. Alternate bids were not allowed.

The Director of Purchases, the Dean of Men, and the Comptroller recommend that the order be placed with the Central Underwriters Agency, Inc., Chicago, representing the Central Life Insurance Company of Illinois, the lowest bidder, at a total estimated yearly premium of $240,295 based on their bid of $4.25 for students and other individuals and $6.72 for family dependents based on nineteen-week semesters, such rates being the result of weekly rates of 22.4 cents an individual and 35.4 cents a family on a nonretention plan basis.

All students, except persons on appointment on the University staff or the

staffs of the allied surveys or laboratories, and students taking not more than one unit of graduate work or five hours of undergraduate work in a semester, or one-half unit of graduate work or three hours of undergraduate work in the eight-week summer session, pay each semester, as insurance for hospital and medical service, a fee of $5.00. A student who presents evidence of participation in any other group insurance system providing the same benefits as those covered by the University fee, may petition through the Office of the Dean of Students for a refund of this fee.

Members of the staff and their spouses may participate on a similar basis and family participation (staff member, spouse, and children over three months and under ten years of age) is at the rate of $22.50 a year. The excess of collections over the cost of insurance is applied to administrative and contingent costs of operation of the plan.

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

EMPLOYERS' LIABILITY INSURANCE

(23) Renewal is proposed of employers' liability and voluntary workmen's compensation insurance, including occupational disease coverage and schedule general liability and property damage insurance, with limits of $50/100,000, effective August 7, 1948, for one year, to cover the operations necessary to perform the research work stipulated under numerous tasks of the Naval Research Contract.

Requests for quotations were sent to fifty-six stock and seven mutual company agents. Only one bid was received, the Liberty Mutual Insurance Company, which insured this risk for the past two policy years, and quoted rates identical to those of last year. This company meets our rating requirements.

Type of Insurance	*Rate per $100 payroll*
Employers' liability and voluntary workmen's compensation, including occupational disease	$ .368
Schedule general liability and property damage	.09

The Director of Purchases and the Comptroller recommend that the order be placed with the Liberty Mutual Insurance Company of Chicago at an estimated gross cost of $2,000 chargeable to contract funds.

I recommend approval.

On motion of Mr. Williamson, this contract was placed as recommended.

PURCHASES

(24) 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 (see Appendix, schedule A, page 129).

The President of the University has authorized emergency purchases as shown in schedule B (see Appendix, page 131).

On motion of Dr. Meyer, 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

(25) The Comptroller's report of contracts executed from July 11 to September 10, 1948 (see Appendix, page 131).

This report was received for record.

ADJUSTMENTS IN ATHLETIC ASSOCIATION BUDGET TO JUNE 30, 1948

(26) In approving the Athletic Association budget for the year 1947-1948 (August 5, 1947, Minutes, page 491), the Board of Trustees authorized the President to make changes and adjustments as recommended by the Athletic Association Board

of Directors within the total estimated income. Following is a statement of adjustments thus made to June 30, 1948, not previously reported:

1. Appropriation to reimburse Mr. Ross Anderson for serving as assistant coach during spring football season ..... $ 300
2. Appropriation for the employment of Mr. C. D. Wagstaff as a consultant to assist in the preparation of plans and specifications for the bids to be let for the construction of the proposed golf course of the Athletic Association of the University of Illinois..... 1 000

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

INVESTMENTS

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

ENDOWMENT FUNDS

Purchase:
6 50/200 shares Standard Oil Company (N.J.) Common Stock.....$ 491 86

DEPOSIT FUNDS

Purchase:
U. S. Treasury 2's, due December 15, 1954..... 10 000 00

STUDENT LOAN FUNDS

Purchase:
U. S. 2½% Savings Bonds, Series G, due June, 1960..... 85 000 00
U. S. Treasury Notes 1⅛%, due June, 1949..... 22 000 00

Exchange:
$50,000 U. S. Treasury Notes ⅞%, due July 1, 1948, for $50,000 U. S. Treasury Notes 1⅛%, due July 1, 1949.

This report was received for record.

PETITION FROM CHAMPAIGN-URBANA BUSINESSMEN CONCERNING ILLINI UNION COFFEE HOUSE

(28) The President's Office has received a petition addressed to "The President and Board of Trustees of the University of Illinois," undated, signed by seventy-five businessmen and women and employees of commercial establishments in Champaign-Urbana, concerning the Illini Union Coffee House.

The Coffee House is on the south campus in a temporary building, formerly a mess hall at Camp Grant, which was secured from the Federal Works Agency to increase food service facilities for students and staff. It has been in service, except during the summer of 1948, since the beginning of the first semester of 1947-1948, and is operated as a branch facility of the Illini Union Building. In addition to serving during regular meal hours, the Illini Union Coffee House has offered a soda fountain service between meal hours and in the evenings. The local businessmen allege that this is unfair competition with commercial establishments and ask that the Board of Trustees "take such steps as may be necessary to discontinue and eliminate the above mentioned unfair practices."

ANSWER TO THE PETITION

1. The Coffee House is not financed from State appropriations. The cost of moving the building to the campus and erecting it was financed by a Federal agency. Funds for the purchase and installation of equipment, as well as inventories, have been advanced by the Illini Union from accumulated reserves for maintenance, furniture and equipment, repairs and replacements. These funds must be repaid to the Union, and the present plan calls for the liquidation of this advance over the next five years.

2. A recent survey of the customers in the Coffee House indicated that approximately 90 per cent of the students using the Coffee House live south of Green Street and west of Wright Street, and the majority live in the temporary houses on the Drill Field. As long as the temporary housing facilities for single students are continued, it will be desirable to continue the operation of the Coffee

House. Soda fountain service has been provided because of a demand for this type of service at meal hours and also to permit the efficient use of the labor between meal periods.

3. In order to provide additional space in the Illini Union Building for social and recreational programs, it has been decided to close the Ballroom Cafeteria.[1] This was done with the concurrence of Dean Turner, Dean Shelden, Dean Stafford, the Illini Union Board, and student representatives. *Therefore, during the current fiscal year the University will offer less food service to students and staff than it did during the past year.* We hope this will be offset through additional commercial restaurant service. We plan to reopen the Ballroom Cafeteria if and when it is evident that a need for additional food service exists that can not otherwise be met.

4. In view of the volume of soda fountain business after the evening meal at the Coffee House, we have concluded that we should not continue this feature of the service, but should reopen the Illini Union soda fountain which has been closed during the evenings since the war due to the shortage of labor. This service is desirable because of the many student and faculty activities held in the building in the evening.

5. The fundamental question involved in this case is whether a need for such service exists and not the reaction of the local operators. The Coffee House was started because of such a need. The need still exists. We are not interested in running restaurants, as such, although food service is regularly maintained in hundreds of American colleges, both public and private. In some, the college dining service, following the old tradition at Oxford University, is compulsory, being regarded as a part of the educational plan.

In food service, as in housing, the University authorities will applaud all efforts to improve matters through local private initiative.

On motion of Dr. Meyer, this communication was referred to the President of the University for reply.

AWARD OF CONTRACT FOR ARCHITECTURAL SERVICES IN CHICAGO

(29) The Physical Plant Department does not have an architectural staff in Chicago to do the architectural and engineering work (mostly preparation of working drawings and specifications) on the building improvement projects at the Chicago Professional Colleges and the Chicago Undergraduate Division. The architectural firm of Holabird and Root and Burgee proposes to provide the necessary architectural and engineering services, including superintendence of construction work, for a fee of 10 per cent of the first $50,000 of the cost of a project, 8 per cent of the next $50,000, and 6 per cent of any cost over $100,000, plus travel expenses.

The Director of the Physical Plant Department recommends award of a contract on this basis. The Comptroller concurs with the understanding that this firm will be employed on any given project only on notice initiated by the Physical Plant Department and subject to further approval. The Director of the Physical Plant Department and the Comptroller further recommend that the firm of Holabird and Root and Burgee be authorized under the terms of the foregoing proposal to provide the architectural and engineering services for the Physical Medicine addition at a fee estimated not to exceed $10,000.

I recommend: (1) approval of this procedure, provided that any commission involving a fee of $5,000 or less will be subject to authorization by the President of the University, and that if the fee is estimated to exceed $5,000 it will be subject also to approval by the Board of Trustees; (2) that the Comptroller and the Secretary of the Board be authorized to execute a contract with Holabird and Root and Burgee for the architectural and engineering work on minor improvement projects in Chicago in accordance with the terms heretofore specified for the balance of the current fiscal biennium ending June 30, 1949, provided further that the contract may be terminated on thirty days' notice; and

[1] From May, 1942, to April, 1946, the Illini Union Ballroom was used as a mess hall for Army and Navy trainees. After the war the Illini Union Building continued operating it as a cafeteria which operation will be discontinued.

(3) authorization of this firm to provide the architectural work for the Physical Medicine addition under the terms of such contract.

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

GREEN STREET SIDEWALK

(30) Recently bids were taken for reconstruction of sidewalks north of Green Street between Wright Street and Goodwin Avenue, which is necessary because the construction of steam and electrical service lines to the new Electrical Engineering and Mechanical Engineering Buildings required the removal of former sidewalks. The cost of this sidewalk, accordingly, will be divided between these two projects. The sidewalk leading to the main entrance of Engineering Hall is a maintenance project, the cost of which is to be charged to Physical Plant Maintenance funds.

The Director of the Physical Plant Department and the Comptroller recommend award of a contract to the General Paving Company, the lowest bidder, on the basis of their total base bid of $6,710.

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

On motion of Mr. McKelvey, this contract was awarded and authority granted as recommended.

ADDITION TO CONTRACT FOR ENGINEERING SERVICES FOR UTILITIES DISTRIBUTION SYSTEM

(31) The Director of the Physical Plant Department and the Comptroller recommend an addition to the contract with Sargent and Lundy, Engineers, Chicago, to provide for engineering services to include drawings and specifications for the extension of steam and electrical service from the Utilities Distribution System to the new Graduate Student and Staff Apartments in Urbana.

The Board approved a contract with Sargent and Lundy for engineering services for the Power Plant and Distribution System on November 23, 1945 (Minutes, page 919). The estimated cost of this addition is $1,425, and costs will be computed on the same basis as the original contract, i.e., 6 per cent of the cost of the completed project.

Funds are available in the appropriation for student and staff apartments.

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

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

ELECTRICAL SERVICE FOR BETATRON FOR CHICAGO PROFESSIONAL COLLEGES

(32) Incidental to the extension of electrical service for the Betatron for the Chicago Professional Colleges, it will be necessary to conclude the following agreements with the Commonwealth Edison Company:

1. Permit to run overhead lines from University property.
2. Order for labor and material at a cost of $2,273.
3. Meter lease.
4. Facilities rental agreement.

Funds are available in the capital and operating appropriations to cover the expenditures resulting from the execution of these agreements. The Director of the Physical Plant Department and the Comptroller request the approval of these agreements.

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

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

ADDITIONS TO ELECTRICAL CONTRACT FOR ELECTRICAL ENGINEERING BUILDING

(33) The Director of the Physical Plant Department and the Comptroller recommend the following additions to the contract for the electrical work in connection with the construction of the Electrical Engineering Building at Urbana:

1. Furnish and install three 25-kilovolt ampere and three 75-KVA transformers instead of three 15-KVA and three 50-KVA transformers as originally requested	$1 232 96
2. Additional installation required for the substitution of a 50 KW — MG set in place of an ignitron in the substation	1 026 56
3. Additional electrical facilities necessary to provide more outlets	7 417 88

Funds are available for the foregoing changes in the State appropriation for the "Construction of a new Electrical Engineering Building." All of these changes are recommended by the Department of Electrical Engineering.

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

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

PURCHASE OF FURNITURE FOR PUBLIC AREAS OF NEW WOMEN'S RESIDENCE HALL

(34) In considering the furnishings for the new Women's Residence Hall, I asked a special committee consisting of Professor Frank Roos, Chairman, the late Professor Alta Gwinn Saunders, and Professors Janice Smith and A. C. Littleton to review the problem. The committee recommended that the College of Agriculture be given the responsibility of carrying this project through to completion, working through the Home Economics Department and in conjunction with the Business Office and Physical Plant Department. This responsibility was accepted by Dean Rusk, who assigned Assistant Professor Dorothy J. Iwig of the Home Economics Department to work under his direction and with the aid of an advisory committee. The advisory committee thus appointed included the following:

Dorothy J. Iwig, Assistant Professor of Home Furnishings Extension, Chairman
Doris Brockway, Assistant Professor of Home Economics
A. S. Davis, Associate Architect
H. M. Edwards, Director of Purchases
J. D. Hogan, Associate Professor of Art
Florence King, Assistant Professor of Home Economics
Miriam A. Shelden, Dean of Women
J. R. Shipley, Assistant Professor of Art
S. E. Thompson, Director of Residence Halls

Specifications for the equipment approved by the committee were submitted for competitive bids under various headings. Bids were invited from sixteen companies, and bids were received from ten firms. The bids have been reviewed by the Director of Purchases and Professor Iwig, who recommend that orders be placed with the lowest bidder for each group of items, as follows:

Chicago Seating Company, Chicago	$15 054 44
Mandel Brothers, Chicago	10 511 11
L. B. Herbst Corp., Chicago	13 528 69
Kiler's, Inc., Champaign	791 81
Block & Kuhl, Peoria	2 293 00
Total	$42 179 05

The Director of the Physical Plant Department and the Comptroller endorse this recommendation. Funds are available in the State appropriation for "Construction of student residence halls."

I concur and request authority to place orders accordingly.

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

UNIVERSITY'S SHARE OF SEWAGE DISPOSAL COSTS

(35) On April 24, 1947 (Minutes, page 343), the Board approved a plan under which the University pays part of the operating costs of sewage disposal

through the Urbana-Champaign Sanitary District. This became effective July 1, 1947, at a cost of approximately $6,000 a year.

On May 22, 1948 (Minutes, page 1104), the Board approved in principle the financing by the University of an addition to the local sanitary sewer system to serve the temporary housing area on South First Street, at an estimated cost of $60,000. Engineering studies of this development are being made.

Officers of the Sanitary District have now advised the University that a further addition to the central plant, at an estimated cost of $140,000, is necessary. A large portion of the increased flow is due to the University load. An estimate of the amount of University sewage indicates that the University's fair share of the cost of this addition would be about $25,000. The University is asked if it will accept this obligation and contribute to the project. The proposal is similar in principle to previous University participation in the costs of sanitary service and of improving West Springfield Avenue in Urbana. This expenditure, however, would be in the biennium 1949-1951, the budget for which is in preparation and is subject to appropriation of the funds by the General Assembly.

The Director of the Physical Plant Department and the Comptroller recommend the acceptance of this obligation; the item has been included in the biennial budget estimates of the Physical Plant Department.

I recommend that the Board give assent and authorize a provision for this expenditure in the biennial operating budget for 1949-1951, the actual payment to be contingent upon an adequate State appropriation.

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

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

(36) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded those candidates who fulfilled all of the requirements and who passed the C.P.A. examination which was given in May, 1948 (see Appendix, page 132).

I concur.

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

QUARTERLY REPORT OF THE COMPTROLLER

(37) The Comptroller presents his quarterly report to the Board as of June 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.

REPAIR OF WALKS AND DRIVES IN TEMPORARY HOUSING AREAS

(38) Recently bids were requested for repairs to the macadam walks and drives in the temporary housing area. The following bids were received:

Illiana Construction Company, Urbana	$19 800
Frank Somers Company, Urbana	19 100

A quotation was submitted by the Champaign Asphalt Company for the same work but using a plant-mix hot asphaltic concrete material, which we consider superior to the construction upon which we received bids. Although the quotation of the Champaign Asphalt Company was based on unit prices (20 cents a square foot for resurfacing with asphalt and for patching holes with macadam, and 30 cents a square foot for new construction), quantities required have been taken off by them and checked by our organization, indicating that this work can be accomplished by them at approximately $13,500. The Champaign Asphalt Company is the only local company in a position to furnish and place hot asphaltic material. Contractors from other cities would not bid on a project of this size, so that it is not possible to obtain competition on the use of this material.

The Director of the Physical Plant Department and the Comptroller recommend that the two bids received on August 31 be rejected, and authority be granted to execute a contract with the Champaign Asphalt Company on a unit cost basis at an estimated total cost of $13,500. The cost of this work is to be

charged to funds available in the maintenance budget of the Temporary Housing Project, so that no special appropriation is needed.

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

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

AWARD OF CONTRACT FOR REMODELING 704 SOUTH SIXTH STREET, CHAMPAIGN

(39) The Board of Trustees at its meeting on July 22 (Minutes, page 4), authorized the leasing of property at 704 South Sixth Street, Champaign, and appropriated the sum of $25,000 for remodeling this area into space suitable for offices of the Institute of Labor and Industrial Relations.

Since the work is of a remodeling character and it is difficult to secure reasonable fixed bids and because of the time required in preparing detailed specifications and securing bids, the Director of the Physical Plant Department and the Comptroller recommend that the general work be done under the terms of the contract for minor repairs and alterations on a cost plus basis as awarded by the Board of Trustees at their meeting on July 22, to Lewis S. Colbert, Champaign. The cost of this work is estimated to be $9,000.

I concur and request authority for the Comptroller and the Secretary of the Board to execute an addition to the general contract to provide for the remodeling of this area.

The Comptroller presented this matter.

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

APPRECIATION OF HOSPITALITY IN PEORIA

On motion of Mr. Livingston, the Board made record of its appreciation of the hospitality shown by citizens of Peoria, the managers of the Country Club, and Mr. Williamson, and the Secretary was requested to communicate this fact to the interested parties.

ILLNESS OF MR. VICTOR CULLIN

On motion of Mr. McLaughlin, the Secretary was instructed to send Mr. Victor Cullin, Past President of the Alumni Association, an expression of good wishes from the Board in his illness.

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 94).
2. Graduate fellows and scholars (page 106).
3. Resignations, declinations, and cancellations (page 108).
4. Degrees conferred at Urbana, August 14, 1948 (page 111).

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.)

ADAMSTONE, F. B., Professor, Zoology, indefinite tenure beginning September 1, 1948, to render service during two semesters of each academic year, $6500 a year, Acting Head, Department of Zoology-Physiology, September 1, 1948, until further notice, additional salary of $250 a semester, supersedes (9-10-48).

ALLEN, HUGH, JR., Assistant, Education (University High School), nine months beginning September 16, 1948, $2800 (9-16-48).

ALLEN, W. R., Instructor, Mathematics (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $3200 (7-20-48).

AMADOR, L. V., Clinical Assistant, Neurology and Neurological Surgery (Medicine), one year beginning July 1, 1948, without salary (7-19-48).

ARMS, R. W., Personnel Technician, Student Personnel Bureau (Undergraduate Division in Chicago), one year beginning September 1, 1948, $2800 (9-8-48).

BABBITT, H. E., Professor, Sanitary Engineering (Civil Engineering) (C), indefinite tenure beginning September 1, 1948, to render service during two semesters of each academic year, $8000 a year, supersedes (7-30-48).

BAGLEY, C. T., Visiting Assistant Professor, Civil Engineering (C) (⅜), nine months beginning September 16, 1948, $1500 (8-6-48).

BAKER, R. H., Astronomy (⅓), Summer Session, 1948, June 18-August 14, 1948, $519 (7-20-48).

BARBRE, MRS. MARIE S., House Director, Alpha House, ten months beginning September 1, 1948, $1000; also to be furnished room for twelve months, valued at $120, and board valued at $210 for the period of the contract, supersedes (7-20-48).

BAUMAN, R. A., Research Assistant, Chemistry (Graduate College), one year beginning September 1, 1948, $3600 (7-31-48).

BAUMGARTEN, H. E., Research Assistant, Chemistry (Graduate College), ten months beginning September 1, 1948, $3250 (7-31-48).

BEATY, JEROME, Assistant, English, nine months beginning September 16, 1948, $2400 (9-18-48).

BEDINGER, P. L., Clinical Instructor, Medicine (Medicine) (¼), one year beginning September 1, 1948, $780 (7-28-48).

BERGENDOFF, R. N., Lecturer, Structural Engineering (Civil Engineering) (C) (1/20), academic year beginning September 1, 1948, $300 (8-25-48).

BERMAN, DAVID, Instructor, Applied Materia Medica and Therapeutics (Dentistry) (30/100), one year beginning September 1, 1948, without salary (8-14-48).

BERMAN, H. L., Instructor, Physics (Undergraduate Division in Chicago), five months beginning September 1, 1948, $1600 (9-8-48).

BERSON, ROBERT, Assistant Director of Clinics, Research and Educational Hospitals (⅔), $5000, Assistant Dean, College of Medicine (⅓), $2500, one year beginning September 1, 1948 (9-13-48).

BIRKELAND, C. J., Assistant Professor, Plant Breeding and Plant Breeding Research (Horticulture) (C & S), one year beginning September 1, 1948, $4800, supersedes (9-13-48).

BLACKMORE, W. P., Pharmacy Resident, Hospital Pharmacy (Pharmacy) (½), ten months beginning September 1, 1948, $660 a year; also to be furnished full maintenance, uniforms, tuition, and fees in the Graduate College valued at $384 a year (7-29-48).

BLOMQUIST, C. A., Research Assistant, Zoology, ten months beginning September 1, 1948, $2400 (8-25-48).

BOLDUC, MRS. BARBARA B., Assistant Teacher, Nursery School (Division of Special Services for War Veterans), nine months beginning September 16, 1948, $2500 (8-25-48).

BORUS, JOSEPH, Lecturer, Division of Social Welfare Administration (Graduate College), four months beginning October 1, 1948, $800 (8-25-48).

BRIGGS, MARGUERITTE, Instructor, Child Development and Parent Education Extension (Home Economics) (E), one year beginning September 1, 1948, $4800 (8-20-48).

BRODBECK, A. J., Research Fellow, Psychology (Graduate College) (½), Instructor, Psychology (Liberal Arts and Sciences) (½), academic year beginning September 1, 1948, $4000 (8-11-48).

BRUMBAUGH, DOROTHY A., Head Resident, Busey Hall, ten months beginning September 1, 1948, $1800; also to be furnished housing valued at $100, and three meals daily valued at $168 (8-14-48).

BRYAN, H. S., Assistant Professor, Veterinary Pathology and Hygiene (Veterinary Medicine), one year beginning September 1, 1948, $5000, supersedes (8-13-48).

BURG, MRS. SALLY T., Periodical Assistant, Library, September 7, 1948-August 31, 1949, $2720 a year (8-25-48).

BURKHOLDER, PAUL, Instructor, Physical Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $3200 (9-8-48).

CANTONI, G. L., Research Associate, Biological Chemistry (Medicine), one year beginning July 1, 1948, without salary (8-25-48).

CAPPARELLI, MRS. FERDINA J., Humanities (Undergraduate Division in Chicago) (⅔), Summer Session, 1948, June 18-August 14, 1948, $593, supersedes (7-29-48).

CARLTON, A. G., Assistant Professor, Mathematics, academic year beginning September 1, 1948, $4500, supersedes (8-25-48).

CASCINO, J. P., Clinical Instructor, Neurological Surgery (Medicine), one year beginning September 1, 1948, without salary (8-25-48).

CHESS, DOROTHY A., Clinical Instructor, Obstetrics and Gynecology (Medicine) (½), one year beginning September 1, 1948, $1500, supersedes (9-10-48).

CHODAKOWSKI, A. S., Instructor, Electrical Engineering (C), one year beginning September 1, 1948, $3800 (8-25-48).

CLARK, W. C., Research Assistant, Physiology (Graduate College), July 1, 1948-January 15, 1949, $2177.50 (8-19-48).

CLEMENT, ALICE M., Instructor, Physical Medicine (Medicine), Instructor and Supervisor, Occupational Therapy (Research and Educational Hospitals), one year beginning September 1, 1948, $3612 (9-13-48).

CLEVENGER, A. W., Professor, Education, indefinite tenure beginning September 1, 1948, to render service during two semesters of each academic year, $7250 a year (7-24-48).

COAN, J. M., JR., Associate Professor, Aeronautical Engineering (C), academic year beginning September 1, 1948, $5400 (7-19-48).

COBB, A. C., Theoretical and Applied Mechanics (Undergraduate Division in Chicago) (⅔), Summer Session, 1948, June 18-August 14, 1948, $711, supersedes (7-19-48).

COCHRUN, I. A., Lecturer, Marketing (⅕), five months beginning September 1, 1948, $500 (8-25-48).

COFFIN, GEORGIA R., Cataloger and Rare Book Room Assistant, rank of Instructor, Library, one year beginning September 1, 1948, $3240 (7-31-48).

COHLMEYER, R. C., Assistant, Agricultural Engineering (S), one year beginning September 1, 1948, $3600 (9-16-48).

COLEMAN, RUTH B., Assistant Professor, Medical Illustration (Illustration Studios) (Medicine), one year beginning September 1, 1948, $4000, supersedes (7-29-48).

COLVIN, J. C., Editor, Illinois Alumni News, rank of Assistant Professor, Secretary, University of Illinois Foundation, one year beginning July 1, 1948, $2045, in addition to $2020 paid by the Alumni Association and $3435 paid by the University of Illinois Foundation, for which the University assumes no responsibility, supersedes (7-30-48).

COMMANDAY, ROBERT, Assistant Professor, Music (School of Music) (7/10), $2750, (Division of University Extension) (3/10), $1350, one year beginning September 1, 1948, supersedes (7-31-48).

CONLEE, MRS. ARAHBELL, House Director, Gamma House, ten months beginning September 1, 1948, $1000; also to be furnished room for twelve months valued at $120, and board valued at $210 for the period of the contract (7-20-48).

CONNELL, W. F., Visiting Instructor, Education, one year beginning September 1, 1948, $3666.67 (9-8-48).

CONWAY, L. V., Instructor, Economics (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $3500 (8-25-48).

COSMAS, MARIA J., Assistant, Education (University High School), nine months beginning September 16, 1948, $2800 (8-25-48).

COSTIN, FRANK, Assistant Professor, Psychology (Undergraduate Division in Galesburg), academic year beginning September 1, 1948, $4600 (9-8-48).

CRAIN, SUE C., Instructor, Education (University High School) (⅔), academic year beginning September 1, 1948, $2860 (7-23-48).

CURRY, E. T., Associate Professor, Speech, indefinite tenure beginning September 1, 1948, to render service during two semesters of each academic year, $5800 a year (7-31-48).

DEFILIPPS, A. J., Assistant Professor, Architecture, $5000, Staff Counselor, Student Personnel Bureau, on an overtime basis amounting to one-fourth time, $500 (Undergraduate Division in Chicago), academic year beginning September 1, 1948, supersedes (9-15-48).

DE LONG, MRS. GRETA H., Assistant Professor, Psychology, Counselor, Student Personnel Bureau (Undergraduate Division in Chicago), one year beginning September 1, 1948, $5400 (8-11-48).

DEYOE, G. P., Professor, Agricultural Education, indefinite tenure beginning September 1, 1948, $7945 a year, supersedes (9-16-48).

DIETZ, F. C., Professor, History, indefinite tenure beginning September 1, 1948, to render service during two semesters of each academic year, $8500 a year, Acting Head, Department of History, September 1, 1948, until further notice, at an additional salary of $250 a semester, supersedes (9-10-48).

DIETZ, J. C., Assistant Professor, Sanitary Engineering (Civil Engineering) (C), academic year beginning September 1, 1948, $4400, supersedes (7-30-48).

DURKEE, C. C., Assistant Psychometrist, Student Personnel Bureau (Undergraduate Division in Galesburg), September 13, 1948-August 31, 1949, $3500 a year (9-17-48).

DURRELL, DOROTHY F., Instructor, Home Economics (C) (¾), Counselor, Student Personnel Bureau (¼), one year beginning September 1, 1948, $3500, supersedes (9-16-48).

EARLEY, L. W., Assistant Professor, Psychiatry (Medicine), one year beginning September 1, 1948, $7200, supersedes (9-13-48).

EDIDIN, LOUIS, Clinical Associate, Medicine (Medicine), one year beginning September 1, 1948, without salary, supersedes (8-25-48).

EDMAN, G. J., Assistant Professor, Dairy Technology (Division of University Extension), academic year beginning September 1, 1948, $4500 (9-8-48).

EDWARDS, H. M., JR., Assistant, Anesthesia (Surgery) (Medicine), one year beginning July 1, 1948, without salary (7-19-48).

EKLUND, KATHARINE, Assistant Teacher, Nursery School (Division of Special Services for War Veterans), nine months beginning September 16, 1948, $2400 (7-29-48).

ELBINGER, MRS. REBECCA L., Instructor, Physical Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $4000 (9-8-48).

ESSELSTYN, T. C., Instructor, Sociology, academic year beginning September 1, 1948, $3200 (8-14-48).

ETTER, J. E., Special Research Associate, Electrical Engineering (S), one year beginning September 1, 1948, $3840, supersedes (9-8-48).

FARNHAM, EARL M., Assistant Professor, Architecture, academic year beginning September 1, 1948, $4000 (9-18-48).

FINE, GERALD, Assistant, Pathology (Medicine), August 15, 1948-June 30, 1949, without salary (8-25-48).

FISHER, L. B., Associate Professor, Education, indefinite tenure beginning September 1, 1948, $7000 a year (7-24-48).

FLORI, BEATRICE M., Assistant, Physiology, nine months beginning September 16, 1948, $2400 (8-14-48).

FOGLE, CATHERINE L., Instructor, Auditory Training (Otolaryngology) (Medicine), July 1, 1948-August 31, 1949, $3600 a year (7-29-48).

FOREMAN, EARL, Research Assistant, Bureau of Research and Service, one year beginning September 1, 1948, $2800 (7-19-48).
FOSTER, G. R., Assistant, Electrical Engineering (C), nine months beginning September 16, 1948, $2400 (9-10-48).
FRENCHMAN, RUTH, First Assistant, Home Economics (S), one year beginning September 1, 1948, $3400 (7-31-48).
FRESHWATER, D. B., Assistant, Neurology and Neurological Surgery (Medicine), one year beginning July 1, 1948, without salary (7-22-48).
FRIEDLEY, ALYCE C., Instructor, Chemistry (Pharmacy), academic year beginning September 1, 1948, $3000 (7-29-48).
FRYMAN, L. R., Assistant, Dairy Husbandry Extension (Dairy Production) (C), one year beginning September 1, 1948, $3600 (7-31-48).
GAA, C. J., Associate Professor, Accountancy, academic year beginning September 1, 1948, $5800, supersedes (9-13-48).
GALSTER, AUGUSTA E., Assistant, Management (Business Management Service) (½), Assistant Professor, Economics (½), Summer Session, 1948, June 18-August 14, 1948, $890, supersedes (8-4-48).
GARLICK, BETTY J., Instructor, Home Economics (C), academic year beginning September 1, 1948, $3000 (8-4-48).
GARVEY, J. C., Instructor, Music (½), Artist in Residence, School of Music (½), academic year beginning September 1, 1948, $4000 (7-19-48).
GARVIN, JOHN, Research Associate, Psychiatry (Medicine) (½), $250 a month, Assistant, Neurology (Medicine) (½), without salary, one year beginning September 1, 1948 (8-25-48).
GEARIEN, J. E., Instructor, Chemistry (Pharmacy), academic year beginning September 1, 1948, $3500 (7-19-48).
GELDERMAN, MRS. JANE F., Instructor, Physical Science (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $3750, supersedes (7-20-48).
GERDEMANN, J. W., Instructor, Crop Pathology, First Assistant, Crop Pathology Research (Agronomy) (C & S), one year beginning September 1, 1948, $4200 (7-19-48).
GERSHBEIN, L. L., Assistant Professor, Biological Chemistry (Clinical Science) (Medicine), one year beginning September 1, 1948, $3600 (9-1-48).
GILLENWATER, V. W., Instructor, Education, Counselor, University Council on Teacher Education, academic year beginning September 1, 1948, $3500, supersedes (7-31-48).
GILMAN, S. F., Special Research Assistant, Mechanical Engineering (S), one year beginning September 1, 1948, $4200, supersedes (8-13-48).
GLICKMAN, NATHANIEL, Assistant Professor, Medicine, Research Physiologist (Medicine), one year beginning September 1, 1948, $5700, supersedes (9-16-48).
GLUCKMAN, R. M., Assistant, Psychiatry (Medicine), one year beginning September 1, 1948, without salary (7-31-48).
GOBLE, G. J., Research Assistant Professor, Entomology (Graduate College), one year beginning September 1, 1948, $4000 (7-20-48).
GODSHALK, F. I., Research Assistant, Bureau of Institutional Research (Provost's Office), one year beginning September 1, 1948, $4500 (7-24-48).
GOODYEAR, MARGARET R., Assistant Professor, Home Economics (C), academic year beginning September 1, 1948, $4000, supersedes (7-31-48).
GORDON, D. A., Assistant Professor, Psychology, academic year beginning September 1, 1948, $4000, supersedes (7-22-48).
GOVINDACHARI, T. R., Research Assistant, Chemistry, one year beginning September 1, 1948, $3600 (8-14-48).
GRABER, M. B., Assistant, Chemistry (Pharmacy), nine months beginning October 1, 1948, $2400 (7-30-48).
GRANDT, A. F., Special Research First Assistant, Soil Experiment Fields and Crop Production (Agronomy) (S), one year beginning September 1, 1948, $3400, supersedes (7-31-48).
GRATZINGER, MAX, Instructor, Applied Materia Medica and Therapeutics (Dentistry) (30/100), one year beginning September 1, 1948, without salary (8-14-48).

GRICE, G. R., Assistant Professor, Psychology, academic year beginning September 1, 1948, $4000, supersedes (7-19-48).
GRIEGER, P. F., Research Assistant, Chemistry (Graduate College), ten months beginning September 1, 1948, $3500 (7-31-48).
GRIFFIN, J. H., Assistant, Soil Experiment Fields Research (Agronomy) (S), eleven months beginning October 1, 1948, $3200 a year (7-29-48).
GROUT, JOAN H., Counselor, Women's Residence Halls (¼), ten months beginning September 1, 1948, $800 (9-1-48).
GULLEY, H. E., Assistant Professor, Speech (Division of General Studies), academic year beginning September 1, 1948, $4000, supersedes (7-31-48).
GUSTAFSON, W. A., Assistant Professor, Neurological Surgery (Medicine), one year beginning September 1, 1948, without salary, supersedes (7-29-48).
HAAS, LEWIS, Assistant Professor, Radiology (Medicine), one year beginning September 1, 1948, $5000 (9-10-48).
HALLOWELL, R. E., Instructor, French, academic year beginning September 1, 1948, $3500 (8-14-48).
HAMLIN, H. M., Professor, Agricultural Education, indefinite tenure beginning September 1, 1948, $8861 a year, supersedes (9-16-48).
HANDLER, J. S., Psychiatric Consultant, Health Service (¾), $4150, Instructor, Psychiatry (part-time), without salary (Medicine), one year beginning September 1, 1948, supersedes (9-13-48).
HARDING, JANE L., Counselor, Women's Residence Halls (¼), ten months beginning September 1, 1948, $800 (9-17-48).
HARDRE, RENE, Instructor, Pathology (Rush) (Medicine) (¼), one year beginning September 1, 1948, $900, supersedes (7-31-48).
HARMAN, DAVID, Clinical Assistant, Psychiatry (Medicine), one year beginning September 1, 1948, without salary (7-31-48).
HAY, HELEN, Assistant to the Dean, Graduate College, one year beginning September 1, 1948, $4000, supersedes (7-24-48).
HEILMAN, ANN E., Instructor, Social Sciences, one year, $3500, Staff Counselor, Student Personnel Bureau, on overtime basis amounting to one-fourth time, $500, (Undergraduate Division in Chicago), academic year beginning September 1, 1948 (7-20-48).
HELLEBERG, ANGELENE D., Instructor, Home Economics (C), academic year beginning September 1, 1948, $3150, supersedes (7-31-48).
HERZ, WERNER, Research Assistant, Chemistry (Graduate College), one year beginning September 1, 1948, $3000 (7-31-48).
HICKMAN, JANET E., Assistant, Home Economics (S), nine months beginning September 1, 1948, $200 a month (9-8-48).
HILLER, E. T., Professor, Sociology, indefinite tenure beginning September 1, 1948, $7000 a year, supersedes (7-24-48).
HOEL, W. J., Instructor, Music, academic year beginning September 1, 1948, $3300, supersedes (7-20-48).
HOGUE, A. R., Assistant Professor, History, academic year beginning September 1, 1948, $4900 (8-25-48).
HOLSHOUSER, D. F., Special Research Associate, Electrical Engineering (S), one year beginning September 1, 1948, $4500, supersedes (7-22-48).
HOROWITZ, GRACE, Assistant, English, nine months beginning September 16, 1948, $2400 (8-14-48).
HOTCHKISS, C. T., Research Assistant, Physical Education for Men, one year beginning September 1, 1948, $3200 (9-18-48).
HUTH, L. N., Counselor, Division of Special Services for War Veterans (½), one year beginning September 1, 1948. $1200 (7-31-48).
HWA, J. C., Research Assistant, Chemistry (Graduate College), ten months beginning September 1, 1948, $1750, supersedes (9-10-48).
IRION, A. L., Assistant Professor, Psychology, academic year beginning September 1, 1948, $4000, supersedes (7-19-48).
JACOBS, E. E., Instructor, Physics (Undergraduate Division in Chicago) (⅔), ten months beginning September 1, 1948, $2000 (9-10-48).
JARNAGIN, R. A., Assistant Extension Editor, Instructor, Agricultural Extension (E), one year beginning September 1, 1948, $4000 (7-29-48).
JENNEY, ELIZABETH H., Research Associate, Pharmacology (Medicine), one year beginning September 1, 1948, $3600, supersedes (8-25-48).

JENSEN, MRS. KATHERINE B., Reserve House Director, ten months beginning September 1, 1948, $1020 (9-13-48).

JOHNSTON, L. D., Visiting Assistant Professor, Classics, ten months beginning September 1, 1948, $4200 (7-22-48).

JOHNSTON, R. L., Head Resident (Undergraduate Division in Galesburg), eleven months beginning August 1, 1948, $2880 a year; also to be provided housing valued at $120 a year, supersedes (8-14-48).

JONES, JEAN R., Assistant, Education, nine months beginning September 16, 1948, $2400 (7-29-48).

JORDAN, G. L., Professor, Agricultural Economics and Prices and Statistics Research (Agricultural Economics) (C & S), indefinite tenure beginning September 1, 1948, to render service during two semesters of each academic year, $6840 a year, supersedes (7-29-48).

KAHLER, F. A., Engineering Sciences (Undergraduate Division in Chicago) (⅔), Summer Session, 1948, June 18-August 14, 1948, $563, supersedes (7-19-48).

KAPLAN, N. O., Assistant Professor, Biological Chemistry (Medicine), eight months beginning January 1, 1949, $375 a month (9-8-48).

KAPPLE, W. H., Research Assistant Professor, Architecture (Small Homes Council), two years beginning September 1, 1948, $5400 a year (7-31-48).

KARPINSKI, R. W., Assistant Professor, Physical Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $5000 (7-31-48).

KELL, W. G., Instructor, Accountancy (¾), academic year beginning September 1, 1948, $2250, supersedes (7-19-48).

KELLEY, DOROTHY J., Counselor, Women's Residence Hall (¼), ten months beginning September 1, 1948, $800 (9-10-48).

KERR, D. W., Research Assistant Professor, Applied Materia Medica and Therapeutics (Dentistry), one year beginning September 1, 1948, $6000, supersedes (7-29-48).

KEYS, RUTH V., Assistant, Home Economics (S), five months beginning September 1, 1948, $250 a month (9-10-48).

KISINGER, E. D., Assistant Professor, Music, $2400, Assistant Director, University of Illinois Bands, $2400, academic year beginning September 1, 1948 (7-31-48).

KITSUSE, N. Y., Registered Pharmacist, Hospital Pharmacy (Pharmacy), one year beginning September 1, 1948, $3000 (9-15-48).

KLAPPERICH, A. J., Instructor, Physics (Undergraduate Division in Chicago) (⅔), ten months beginning September 1, 1948, $2500 (9-10-48).

KLASSEN, P. P., Assistant Professor, Social Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $4600 (9-8-48).

KLIGER, P. I., Instructor, Social Welfare Administration, Research Assistant, Institute of Labor and Industrial Relations, eleven months beginning October 1, 1948, $3600 a year (9-8-48).

KLINE, MARLYS I., Assistant Teacher, Nursery School (Division of Special Services for War Veterans), nine months beginning September 16, 1948, $2500 (7-22-48).

KLINGEL, A. B., Instructor, Physical Education for Men (¼), academic year beginning September 1, 1948, $1200; in addition to $3600 paid by the Athletic Association for which the University assumes no responsibility, supersedes (9-15-48).

KLINGENBERG, P. H., Assistant Professor, Hygiene, Medical Adviser for Men, one year beginning September 1, 1948, $5600 (7-19-48).

KNEIER, C. M., Professor, Political Science, indefinite tenure, Chairman of the Department of Political Science, one year beginning September 1, 1948, $9000 a year, Acting Director, Institute of Government and Public Affairs, one year beginning September 1, 1948, $1000, supersedes (9-9-48).

KNOWLES, PAULINE, Bibliographer, rank of Instructor, Library, one year beginning September 1, 1948, $3000 (7-31-48).

KNOX, MARGARET E., Reference Assistant, rank of Instructor, Library (½), September 15, 1948-August 31, 1949, $1500 a year (9-1-48).

KOENIG, MRS. NORMA E., Instructor, English (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $3000 (9-1-48).

KOLAR, G. F., Instructor, Hygiene, Dental Consultant and Oral Hygienist, Health Service Station (½), one year beginning September 1, 1948, $3000 (7-19-48).

KORANDA, F. L., Instructor, Physical Sciences, $3750, Staff Counselor, Student Personnel Bureau, on an overtime basis amounting to one-fourth time, $500, (Undergraduate Division in Chicago), one year beginning September 1, 1948, supersedes (9-8-48).

KREBS, W. H., Manager, Residence Halls, July 20, 1948-August 31, 1949, $4500 a year; also to be provided one meal daily while dining rooms are in operation valued at $168 a year (7-20-48).

KRUIDENIER, F. J., Instructor, Zoology, academic year beginning September 1, 1948, $3500 (8-25-48).

KUHN, WOLFGANG, Assistant Professor, Music (School of Music) (7/10), $2750, (Division of University Extension) (3/10), $1350, one year beginning September 1, 1948, supersedes (7-31-48).

KUHNS, DOROTHY J., Assistant Editor, rank of Instructor, Law, ten months beginning November 1, 1948, $3500 a year (7-31-48).

KULP, D. A., Assistant, Forest Utilization Research (Forestry) (S), July 1, 1948-August 31, 1949, $3600 a year (7-20-48).

LACKY, A. D., Instructor, Education (University High School), academic year beginning September 1, 1948, $3800 (7-29-48).

LANGEBARTEL, R. G., Instructor, Mathematics, academic year beginning September 1, 1948, $3600 (8-25-48).

LAWRENCE, MRS. HELEN, Extern, Clinical Psychology, Counselor, Student Counseling Bureau, one year beginning September 1, 1948, $2200 (9-8-48).

LEIN, MARIE E., Assistant Professor, Foreign Languages (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $4500 (9-8-48).

LEVENSON, S. M., Clinical Instructor, Surgery (Medicine), July 1, 1948-August 31, 1949, without salary (7-19-48).

LEVY, SAUL, Instructor, Applied Materia Medica and Therapeutics (Dentistry) (⅔), one year beginning September 1, 1948, $1800 (8-25-48).

LEWIS, E. G., Associate Professor, Political Science, indefinite tenure beginning September 1, 1948, to render service during two semesters of each academic year, $5000 a year (8-11-48).

LIND, EVELYN R., Research Assistant, Bureau of Economic and Business Research, September 10, 1948-August 31, 1949, $2700 a year, supersedes (8-25-48).

LINDSEY, MRS. AUDRY H., Instructor, Education (University High School), academic year beginning September 1, 1948, $3100 (7-19-48).

LINK, W. A., Assistant Professor, Operative Dentistry (Dentistry) (½), one year beginning September 1, 1948, $2375, supersedes (7-19-48).

LINSKY, LEONARD, Instructor, Philosophy, academic year beginning September 1, 1948, $3500 (7-19-48).

LO, A. W., Special Research Associate, Electrical Engineering (S) (½), one year beginning September 1, 1948, $2280 (7-19-48).

LOBRAICO, R. V., JR., Instructor, Obstetrics and Gynecology (Medicine) (¾), September 1, 1948-March 11, 1949, $3000 a year, supersedes (9-10-48).

LOKEN, R. D., Professor, Management (Business Management Service), one year beginning September 1, 1948, $8000 (8-25-48).

LOVESETH, L. J., Assistant Professor, Anesthesia (Surgery) (Medicine), September 1, 1948, until further notice, but not later than August 31, 1949, $7200 a year (9-20-48).

LUSSMAN, D. J., Assistant, Chemistry (Pharmacy), nine months beginning October 1, 1948, $2400 (7-29-48).

MACGREGOR, ELLEN, Serials Librarian, rank of Instructor (Undergraduate Division in Chicago), one year beginning September 1, 1948, $3200 (7-29-48).

MACKIN, MRS. MARTHA H., Physical Sciences (Undergraduate Division in Chicago), Summer Session, 1948, July 13-August 14, 1948, $712, supersedes (8-13-48).

MACLEAN, LESTER, Instructor, Psychiatry (Medicine) (½), July 1, 1948-August 31, 1949, $2100 a year, supersedes (8-4-48).

MACLEAN, LESTER, Instructor, Psychiatry (Medicine) (½), one year beginning September 1, 1948, $2200, supersedes (9-8-48).

MADOW, W. G., Professor, Mathematical Statistics (Mathematics), eight months beginning January 1, 1949, $5250, indefinite tenure beginning September 1, 1949, $9000 a year (7-5-48).

MAJARAKIS, J. D., Instructor, Surgery (Medicine) (¾), September 1, 1948-March 11, 1949, $3000 a year (9-1-48).
MARIEN, A. E., Instructor, Marketing, academic year beginning September 1, 1948, $3600 (8-25-48).
MARIENFELD, C. J., Instructor, Pediatrics (Medicine), one year beginning September 1, 1948, $3375, supersedes (8-25-48).
MARKS, RACHEL B., Assistant Professor, Social Welfare Administration (Graduate College), academic year beginning September 1, 1948, $4600 (7-28-48).
MARMEL, MRS. BLOSSOM A., Research Assistant, Institute of Communications Research, one year beginning September 1, 1948, $2400 (7-31-48).
MARTIN, MRS. MILLICENT V., Assistant, Home Economics (C), nine months beginning September 16, 1948, $2400 (7-29-48).
MCDONALD, J. E., Assistant Professor, Social Welfare Administration (Graduate College), academic year beginning September 1, 1948, $4800 (7-22-48).
MCELROY, D. L., Instructor, Applied Materia Medica and Therapeutics (Dentistry) (30/100), one year beginning September 1, 1948, without salary (8-14-48).
MELETSIS, G. J., Registered Pharmacist, Hospital Pharmacy (Pharmacy), July 12, 1948-June 30, 1949, $3000 a year (7-22-48).
MICHELS, C. J., Theoretical and Applied Mechanics (Undergraduate Division in Chicago) (⅔), Summer Session, 1948, June 18-August 14, 1948, $533, supersedes (7-19-48).
MILES, MARJORIE L., Assistant, Physical Education for Women, nine months beginning September 16, 1948, $3100 (7-19-48).
MINOR, G. R., Assistant Professor, Surgery (Medicine) (½), one year beginning September 1, 1948, $2000 (9-10-48).
MOLDERMAKER, W. A., Assistant, Accountancy (Undergraduate Division in Chicago), nine months beginning September 16, 1948, $3000 (8-13-48).
MOORE, R. H., Instructor, English, academic year beginning September 1, 1948, $3500, supersedes (8-14-48).
MORAN, MRS. MARGARET E., Assistant, Mining and Metallurgical Engineering (C) (½), Special Research Assistant, Mining and Metallurgical Engineering (S) (½), nine months beginning September 16, 1948, $2400 (9-8-48).
MOSELEY, G. A., Instructor, Institute of Aeronautics, one year beginning September 1, 1948, $4000 (7-19-48).
MOUTIER, F. L., JR., Instructor, Engineering Sciences (Undergraduate Division in Galesburg), academic year beginning September 1, 1948, $3500 (8-25-48).
NACHTMANN, F. W., Instructor, French, academic year beginning September 1, 1948, $3800 (9-17-48).
NAGAI, INEZ, Physical Education for Women (Undergraduate Division in Chicago) (½), Summer Session, 1948, June 18-August 14, 1948, $375, supersedes (7-29-48).
NANEY, W. H., Publications Editor, Chicago Professional Colleges and Undergraduate Division in Chicago, one year beginning September 1, 1948, $2700 (7-29-48).
NELSON, D. E., Special Research Associate, Electrical Engineering (S), one year beginning September 1, 1948, $3840, supersedes (9-8-48).
NEWMAN, DOROTHY, Assistant, Art, nine months beginning September 16, 1948, $2400 (8-25-48).
NIFOND, HARRIET M., Assistant, Home Economics (S), nine months beginning September 1, 1948, $200 a month (9-8-48).
NOCK, F. J., Assistant Professor, German, academic year beginning September 1, 1948, $4500 (8-14-48).
NOORDHOFF, L. J., Assistant Extension Editor, Extension Service in Agriculture and Home Economics, September 7, 1948-August 31, 1949, $4000 a year (8-25-48).
NORMAN, N. F., Instructor, History, academic year beginning September 1, 1948, $3600, supersedes (7-19-48).
NORTON, R. P., Instructor, Journalism (¼), Instructor, Labor and Industrial Relations (¾), one year beginning September 1, 1948, $3800, supersedes (7-19-48).
NOWLAN, F. S., Visiting Professor, Mathematics (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $6000 (7-31-48).

OESTERLING, M. JANE, Research Assistant, Chemistry (Graduate College), one year beginning September 1, 1948, $3600 (7-19-48).

OGDEN, MRS. PHYLLIS W., Humanities (Undergraduate Division in Chicago) (⅗), Summer Session, 1948, June 18-August 14, 1948, $519, supersedes (7-29-48).

ORGILL, D. H., Assistant, English, nine months beginning September 16, 1948, $2400 (8-25-48).

ORPHAN, C. D., Counselor, Division of Special Services for War Veterans (½), one year beginning September 1, 1948, $1200 (7-31-48).

OSGOOD, BESS G., Research Associate, Physiology (Medicine), one year beginning September 1, 1948, $5500 (9-16-48).

OWEN, MRS. BETTY J., Instructor, Education (University High School), academic year beginning September 1, 1948, $3000 (7-29-48).

PAGE, R. R., Instructor, Social Sciences (Undergraduate Division in Chicago) (⅗), academic year beginning September 1, 1948, $1200 (9-1-48).

PAULSON, KATHERINE E., Assistant, Food Technology (C), one year beginning September 1, 1948, $2700 (9-10-48).

PENNINGTON, L. A., Associate Professor, Psychology (¼), nine months beginning September 16, 1948, $1500, supersedes (7-22-48).

PERLMAN, MRS. BERNICE E., Instructor, Social Welfare Administration (Graduate College), academic year beginning September 1, 1948, $3600 (8-14-48).

PETERS, RUTH M., Instructor, Home Economics Education (University High School) (½), academic year beginning September 1, 1948, $1625 (7-19-48).

PETERSON, L. V., Director, Audio-Visual Aids Service (Division of University Extension), Instructor, Education, one year beginning September 1, 1948, $4800, supersedes (7-31-48).

PHILLIPS, E. L., Assistant Professor, Labor and Industrial Relations and Extension (Institute of Labor and Industrial Relations) (½), (Division of University Extension) (½), one year beginning September 1, 1948, $4500 (9-8-48).

PHILLIPS, J. A., Special Research Assistant, Physics (C), one year beginning September 1, 1948, $3240 (8-13-48).

PHIPPS, LLOYD, Instructor, Agricultural Education, one year beginning September 1, 1948, $5244, supersedes (9-16-48).

PICKARD, W. L., Assistant Professor, Mathematics, Acting Chairman of the Division (Undergraduate Division in Galesburg), one year beginning September 1, 1948, $5800, supersedes (7-31-48).

POND, C. P., Instructor, Physical Education for Men (84/100), academic year beginning September 1, 1948, $3500; in addition to $700 paid by the Athletic Association for which the University assumes no responsibility, supersedes (9-17-48).

POPELKA, BLANCHE M., Assistant and Supervisor, Occupational Therapy (Physical Medicine) (Research and Educational Hospitals), one month beginning August 1, 1948, $250 (8-25-48).

POTTER, J. N., Instructor, Physical Education for Men (Undergraduate Division in Galesburg), academic year beginning September 1, 1948, $3350; in addition to $300 paid by the Athletic Association for which the University assumes no responsibility (8-14-48).

PROEHL, C. W., Instructor, Education (½), academic year beginning September 1, 1948, $1500 (7-22-48).

PRZYPYSZNY, MARY A., Counselor, Women's Residence Halls (¼), ten months beginning September 1, 1948, $800 (9-1-48).

RABENS, J. I., Clinical Associate, Medicine (Medicine), one year beginning September 1, 1948, without salary (7-31-48).

RAGAN, E. H., Assistant Professor, Crowns and Fixed Partial Dentures (Dentistry) (½), one year beginning September 1, 1948, $2400 (8-25-48).

REESE, H. E., Business Law, Summer Session, 1948, August 2-August 14, 1948, $122 (7-31-48).

REESE, H. E., Instructor, Business Law, academic year beginning September 1, 1948, $3300 (8-25-48).

RICHMOND, J. B., Associate Professor, Pediatrics (Medicine), indefinite tenure beginning September 1, 1948, $7000 a year, supersedes (7-31-48).

ROBINSON, S. C., Assistant Dean, Division of University Extension, Associate Professor, Management, one year beginning September 1, 1948, $6000 (9-10-48).

ROHLING, MARY L., Personnel Technician, Student Personnel Bureau, one year beginning September 1, 1948, $2800, supersedes (8-25-48).

ROOT, F. H., Instructor, Camp Management (Agricultural Extension) (E), one year beginning September 1, 1948, $4000 (7-20-48).

ROSENWALD, A. K., Instructor, Psychiatry, Clinical Psychologist (Psychiatry) (Medicine) (⅘), one year beginning August 1, 1948, $3900; in addition to $1200 paid by the Rockefeller Foundation for which the University assumes no responsibility, supersedes (7-29-48).

RUNKLE, R. J., Assistant, Physical Education for Men, nine months beginning September 16, 1948, $2800; in addition to $500 paid by the Athletic Association for which the University assumes no responsibility, supersedes (9-17-48).

RYAN, MRS. EDNA, House Director, Beta House, ten months beginning September 1, 1948, $1000; also to be furnished room for twelve months valued at $120 and board valued at $210 for the period of the contract, supersedes (7-20-48).

SACKHEIM, ALICE R., Instructor, Physical Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $3000 (9-1-48).

SACKHEIM, G. I., Instructor, Physical Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $3200 (9-1-48).

SAGONA, F. M., Assistant, Pharmacy (Pharmacy), nine months beginning October 1, 1948, $2600 (8-14-48).

SANGSTER, WILLIAM, Assistant Professor, Biological Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $5000 (9-8-48).

SARGENT, FREDERICK, II, Clinical Instructor, Medicine (Medicine), one year beginning September 1, 1948, without salary (9-10-48).

SCHILLERSTROM, MRS. ALICE G., Ground School Assistant, Institute of Aeronautics, August 1, 1948-August 31, 1949, $2500 a year (7-31-48).

SCHOLOMITI, N. C., Instructor, Mathematics (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $3100 (8-4-48).

SCHOOLMAN, J. G., Instructor, Otolaryngology (Medicine) (¾), July 1, 1948-March 11, 1949, $3000 a year, supersedes (7-19-48).

SCHOUR, MRS. ESTHER, Visiting Assistant Professor, Social Welfare Administration (Graduate College), five months beginning September 1, 1948, $1500 (8-25-48).

SCHUETZ, W. H., Instructor, Education (½), academic year beginning September 1, 1948, $1730 (8-4-48).

SCHUTZ, H. A., Assistant, Physical Education for Men (Undergraduate Division in Chicago), nine months beginning September 16, 1948, $2880 (9-17-48).

SCHWARTZ, DREW, Research Assistant, Botany (Graduate College), one year beginning July 1, 1948, $2500 (7-20-48).

SENGER, J. D., Instructor, Management, academic year beginning September 1, 1948, $3600, supersedes (9-10-48).

SHAKOW, DAVID, Professor, Psychology (Psychiatry) (Medicine), indefinite tenure beginning September 1, 1948, $9000 a year, supersedes (8-25-48).

SHARPE, D. M., Instructor, Committee on Appointment of Teachers (Education), one year beginning September 1, 1948, $3666 (8-14-48).

SHAVER, R. R., Assistant, Geology, nine months beginning September 16, 1948, $2400 (7-22-48).

SHIELDS, BARBARA J., Counselor, Women's Residence Halls (¼), ten months beginning September 1, 1948, $800 (9-1-48).

SHIELDS, MRS. MARY G., Assistant, Home Economics (S), nine months beginning September 1, 1948, $200 a month (9-13-48).

SHMIGELSKY, IRENE, Clinical Instructor, Pediatrics (Rush) (Medicine), one year beginning September 1, 1948, without salary, supersedes (8-25-48).

SILBERGELD, SAM, Assistant Professor, Physical Sciences (Undergraduate Division in Chicago) (½), academic year beginning September 1, 1948, $2438, supersedes (8-4-48).

SITTNER, MRS. MOLLIE, Cataloger, rank of Instructor, Library, one year beginning September 1, 1948, $3000 (8-13-48).

SMITH, R. J., Assistant Professor, Architecture, academic year beginning September 1, 1948, $5000 (7-30-48).

SPIVEY, CLINTON, Instructor, Management, academic year beginning September 1, 1948, $3300, supersedes (9-13-48).

STANTON, GEORGE, Research Assistant, Psychiatry (assigned to Loyola University) (Medicine), one year beginning September 1, 1948, $2400 (8-4-48).

STETSON, L. J., Clinical Assistant, Radiology (Medicine), one year beginning September 1, 1948, without salary (8-25-48).

STRABLE, MRS. JANE S., Circulation Librarian, rank of Instructor, Library (Undergraduate Division in Chicago), one year beginning September 1, 1948, $3200, supersedes (8-25-48).

SUGAR, OSCAR, Instructor, Neurology and Neurological Surgery (Medicine) (¾), one year beginning September 1, 1948, $3200, supersedes (9-13-48).

SULLIVAN, CATHERINE M., Home Management Specialist (Home Economics) (E), one year beginning September 1, 1948, $3800 (7-31-48).

SUNDGAARD, ARNOLD, Associate Professor, Speech, six months beginning February 1, 1949, $500 a month (9-16-48).

SUTTON, R. M., Instructor, History (¾), Counselor, University Council on Teacher Education (¼), academic year beginning September 1, 1948, $3625 (7-20-48).

SWAIN, VICTORIA P., Extern, Psychology (Student Personnel Bureau) (Undergraduate Division in Chicago), one year beginning September 1, 1948, $2800 (8-31-48).

SWANK, IRMA L., Serial Cataloger, rank of Instructor, Library, one year beginning September 1, 1948, $3000 (8-6-48).

SWISHER, W. P., Clinical Instructor, Medicine (Medicine) (¼), one year beginning September 1, 1948, $780, supersedes (7-20-48).

TAYLOR, CHARLES E., Instructor, Theoretical and Applied Mechanics (C), academic year beginning September 1, 1948, $3600 (7-22-48).

TAYLOR, CLIFFORD E., Instructor, Vegetable Crops Extension and Vegetable Crops Research (Horticulture) (E & S), one year beginning September 1, 1948, $4000; also to be furnished house, light, and telephone valued at $550, supersedes (9-16-48).

TAYLOR, G. J., Assistant Professor, Speech, academic year beginning September 1, 1948, $4500 (7-19-48).

TAYLOR, S. G., III, Assistant Professor, Medicine (Medicine) (½), July 1, 1948-March 11, 1949, $3000 a year (7-19-48).

THOMPSON, W. N., Instructor, Agricultural Economics (C) (½), academic year beginning September 1, 1948, $2040, supersedes (8-25-48).

TOBIAS, JOSEPH, Instructor, Dairy Technology (Food Technology) (C) (⅔), one year beginning September 1, 1948, $2200 (7-19-48).

TRIMBLE, H. D., Associate Professor, Education, indefinite tenure beginning September 1, 1948, $7250 a year (7-24-48).

TUCKER, J. L., Assistant, Mechanical Engineering in Labor and Industrial Relations and Extension (Institute of Labor and Industrial Relations) (½), (Division of University Extension) (½), one year beginning September 1, 1948, $3000 (9-8-48).

TURNER, ELIZABETH, Assistant, Art, nine months beginning September 16, 1948, $2400, supersedes (8-25-48).

TURNER, LONA L., Instructor, Mathematics (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $3400 (8-4-48).

VANCE, MRS. MARY A., Circulation Assistant, rank of Instructor, Library (½), $1590, Instructor, Journalism (½), $1590, September 10, 1948-August 31, 1949, supersedes (9-17-48).

VANDEMARK, N. L., Assistant Professor, Dairy Production and Dairy Chemistry, Dairy Production and Dairy Chemistry Research (Dairy Production) (C & S), one year beginning September 1, 1948, $5000 (8-13-48).

VOIGT, R. F., Associate Professor, Pharmacognosy and Pharmacology (Pharmacy), Assistant to the Director, Drug Plant Experiment Station, three months beginning June 1, 1948, $556, in addition to present appointment (7-31-48).

VON KHRUM, PAUL, Acquisition Librarian, rank of Instructor (Undergraduate Division in Chicago), one year beginning September 1, 1948, $3300 (7-29-48).

VOSKUIL, W. H., Professor, Mineral Economics (Mining and Metallurgical Engineering) (C) (1/10), academic year beginning September 1, 1948, $800 (7-22-48).

WALL, F. T., Professor, Chemistry, indefinite tenure beginning September 1, 1948, to render service during two semesters of each academic year, $9000 a year, supersedes (8-25-48).

WALLACE, G. I., Associate Professor, Bacteriology, indefinite tenure beginning September 1, 1948, to render service during two semesters of each academic year, $5800 a year, Acting Head, Department of Bacteriology, September 1, 1948, until further notice, at an additional salary of $250 a semester, supersedes (9-10-48).

WALLER, G. R., Associate Professor, Music (School of Music) (½), indefinite tenure, $2500 a year, (Division of University Extension) (½), one year, $3000, beginning September 1, 1948 (7-31-48).

WARD, D. S., Instructor, Education, academic year beginning September 1, 1948, $4000 (7-29-48).

WEIMER, RUTH H., Counselor, Women's Residence Halls (¼), ten months beginning September 1, 1948, $800 (9-1-48).

WEISS, J. N., Assistant Professor, Agricultural Education, one year beginning September 1, 1948, $5720, supersedes (9-16-48).

WELLINGER, R. P., Special Research Associate, Electrical Engineering (S), one year beginning September 1, 1948, $5200, supersedes (9-8-48).

WERT, MRS. LUCILLE M., Assistant Catalog Librarian, rank of Instructor, Library (Undergraduate Division in Chicago), one year beginning September 1, 1948, $3200 (8-25-48).

WHITE, C. S., Instructor, Education (½), academic year beginning September 1, 1948, $1500 (7-31-48).

WIDENOR, M. D., Instructor, Electrical Engineering (C), academic year beginning September 1, 1948, $3000, supersedes (7-19-48).

WILCOCK, R. C., Research Assistant, Institute of Labor and Industrial Relations, one year beginning September 1, 1948, $3600 (8-25-48).

WILSON, AUDREY L., Clinical Assistant Professor, Radiology (Medicine) (part-time), one year beginning September 1, 1948, without salary (9-10-48).

WILSON, HUGH, Clinical Instructor, Pathology (Medicine), one year beginning September 1, 1948, without salary (7-31-48).

WINGER, HOWARD, Circulation Assistant, rank of Instructor, Library (¼), one year beginning September 1, 1948, $840, supersedes (7-31-48).

WINNETT, W. L., Assistant, Education (University High School), nine months beginning September 16, 1948, $2800 (8-13-48).

WITTELLE, MIRIAM, Counselor, Women's Residence Halls (¼), ten months beginning September 1, 1948, $800 (9-1-48).

WITTER, R. E., Assistant Professor, Veterinary Clinical Medicine (Veterinary Medicine), one year beginning September 1, 1948, $5500 (7-26-48).

WOLF, J. G., Instructor, Physical Education for Men (¼), academic year beginning September 1, 1948, $900 (9-13-48).

WOLFE, E. C., Assistant Professor, Labor and Industrial Relations and Extension (Institute of Labor and Industrial Relations) (½), (Division of University Extension) (½), August 1, 1948-August 31, 1949, $4800 a year (8-14-48).

WOMER, DOROTHY E., Head Resident, Evans Hall, ten months beginning September 1, 1948, $1800; also to be provided housing valued at $100 and three meals daily valued at $168 (8-25-48).

WOOD, J. W., Associate Professor, Architecture, indefinite tenure beginning September 1, 1948, to render service during two semesters of each academic year, $5500 a year (7-19-48).

WOOD, VIVIAN M., Counselor, Women's Residence Halls (¼), ten months beginning September 1, 1948, $800 (9-1-48).

WRIGHT, P. R., Physical Sciences (Undergraduate Division in Chicago) (⅔), Summer Session, 1948, June 18-August 14, 1948, $667, supersedes (7-29-48).

YOUNG, C. H., Research Assistant, Chemistry (Graduate College), ten months beginning September 1, 1948, $1750 (9-10-48).

YOUNG, G. A., Instructor, Civil Engineering (C) (½), academic year beginning September 1, 1948, $1800 (9-8-48).

ZANDBERGEN, H. K., Bookstacks Assistant, Library, one year beginning September 1, 1948, $3000 (7-31-48).
ZANDER, BERENICE A., Assistant Editor of Publications, rank of Assistant, Agricultural Experiment Station, September 10, 1948-August 31, 1949, $3400 a year (7-29-48).
ZARDOYA, CONCEPCIÓN, Visiting Instructor, Spanish, academic year beginning September 1, 1948, $3600 (7-31-48).
ZEEVAERT, LEONARDO, Visiting Research Associate, Structural Engineering (Civil Engineering) (S) (½), one year beginning September 1, 1948, $1800 (7-22-48).
ZEIMER, JEANNETTE, Physical Sciences (Undergraduate Division in Chicago) (½), Summer Session, 1948, June 18-August 14, 1948, $417, supersedes (7-29-48).
ZEREBKO, A. J., Instructor, Physics (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $3300 (9-15-48).

GRADUATE FELLOWS AND SCHOLARS

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

ANTIA, F. P., National Institute of Health Research Fellow, Clinical Science (Medicine), nine months beginning September 1, 1948, $150 a month (9-1-48).
BERRY, ISAAC M., Research Fellow, Clinical Science (Medicine), three months beginning July 1, 1948, $900, supersedes (8-25-48).
BEST, WILLIAM R., Research Fellow, Medicine (Medicine), one year beginning July 1, 1948, $2100 (7-19-48).
BLICKENSTAFF, DELBERT, National Cancer Institute Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1948, $960 (9-1-48).
BRADFIELD, JOHN R. G., Research Fellow, Pathology (Medicine), one year beginning September 1, 1948, without salary (7-19-48).
BRENNAN, LAWRENCE E., Henry Strong Educational Foundation Fellow, Electrical Engineering, nine months beginning September 16, 1948, $700 (7-26-48).
CALHOUN, WILLIAM K., Harry G. Wright and Harriette A. Wright Fellow, Animal Science, nine months beginning September 16, 1948, $850 (8-9-48).
CÁNEPA, JUAN F., A. E. Staley Manufacturing Company Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1948, $2400 (9-1-48).
DENTON, ROBERT W., National Cancer Institute Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1948, $1800 (9-1-48).
FAINER, DAVID C., American National Red Cross Research Fellow, Clinical Science (Medicine), eleven months beginning August 1, 1948, $150 a month (9-1-48).
FAROOQUI, HAMEED M., Fellow, Horticulture, nine months beginning September 16, 1948, $925 (9-16-48).
FITZPATRICK, W. D., American Refractories Institute Fellow, Ceramic Engineering, one year beginning September 1, 1948, $2200 (7-27-48).
FLOOD, FRANCIS T., Formfit Institute Research Fellow, Clinical Science (Medicine), one year beginning July 1, 1948, $150 a month (8-14-48).
GRAFF, W. A., Owens-Illinois Glass Company Fellow, Ceramic Engineering, ten months beginning September 1, 1948, $1600 (8-6-48).
GREENSPON, SEYMOUR A., Research Fellow, Pathology (Medicine), one year beginning September 1, 1948, $1750 (7-29-48).
GROVE, WILLIAM J., Fellow, Medicine, four months beginning September 1, 1948, $600 (9-16-48).
HASEGAWA, ANDREW T., Abbott Laboratories Research Fellow, Pharmacology (Medicine), one year beginning September 1, 1948, $1500, supersedes (9-8-48).
HISSETT, EDWARD C., United States Public Health Service Research Fellow, Orthodontia (Dentistry), one year beginning July 1, 1948, $1500 (9-1-48).
HOFFMAN, JAMES J., Kate Neal Kinley Memorial Fellow for 1948-1949 (6-26-48).
HOLLINGER, FRANK W., Lakeland Foundation Research Fellow, Clinical Science (Medicine), one year beginning July 1, 1948, $100 a month (8-14-48).
HOLMGREN, NELDA, Lakeland Foundation Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1948, $1800 (9-1-48).

HWANG, KAO, American Bottlers of Carbonated Beverages Research Fellow, Clinical Science (Medicine), one year beginning July 1, 1948, $1800, supersedes (9-1-48).

JANOWITZ, HENRY, Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1948, without salary (8-25-48).

KANG, CHI-LUNG, Scholar, Electrical Engineering, nine months beginning September 16, 1948, $700, supersedes (7-26-48).

KIM, KWANG-SUH, G. D. Searle Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1948, $1680 (9-1-48).

KLEBAN, WARREN G., Scholar, Mechanical Engineering, February 1-June 15, 1949, $350, supersedes (9-9-48).

KOPP, ANNE, Fellow, Social Welfare Administration, nine months beginning September 16, 1948, $700 (9-16-48).

KOSTERLITZ, RICHARD H., Research Fellow, Clinical Science (Medicine), June 25, 1948-June 30, 1949, without salary (8-14-48).

KRUP, MAX, Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1947, without salary (7-31-48).

LANE, ARDELLE, National Cancer Institute Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1948, $1800 (9-10-48).

LITTMAN, ARMAND, G. D. Searle Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1948, $1200 (9-1-48).

MARSHALL, JOHN M., Markle Foundation Research Fellow, Physiology (Medicine), one month beginning September 1, 1948, $216.66, eleven months beginning October 1, 1948, $108.33 a month (9-13-48).

MARTIN, CLEMENT G., JR., Wander Company Research Fellow, Clinical Science (Medicine), eleven months beginning August 1, 1948, $150 a month (9-1-48).

MEDBERY, CLINTON A., Graham, Crowley & Associates, Inc., Fellow, Chemistry, one year beginning September 1, 1948, $1500 (7-30-48).

MILLEN, HUGH M., National Institute of Health Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1948, $720 (9-1-48).

MOHR, PAUL, Western Cartridge Company Research Fellow, Chemistry, ten months beginning September 1, 1948, $1500 (8-14-48).

NELSON, DOROTHY, National Cancer Institute Research Fellow, Clinical Science (Medicine), one year beginning July 1, 1948, $2400 (7-31-48).

NEWMAN, EDWARD, Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1948, without salary (8-25-48).

OBAL, THADDEUS J., Harry G. Wright and Harriette A. Wright Scholar, Agricultural Economics, nine months beginning September 16, 1948, $700 (8-11-48).

PAGANO, JOSEPH F., Harry G. Wright and Harriette A. Wright Fellow, Bacteriology, nine months beginning September 16, 1948, $1000 (8-11-48).

PFANDER, WILLIAM H., Harry G. Wright and Harriette A. Wright Scholar, Animal Science, nine months beginning September 16, 1948, $700 (8-11-48).

ROESER, ERWIN H., Research Fellow, Surgery (Medicine) (½), one year beginning July 1, 1948, $2000, supersedes (8-25-48).

SANTOS, FELICIANO, JR., Research Fellow, Biological Chemistry (Medicine), July 1-September 15, 1948, $175 a month (8-25-48).

SCHAAP, WARD B., Graham, Crowley & Associates, Inc., Fellow, Chemistry, one year beginning September 1, 1948, $1500 (8-1-48).

SCHNEIDER, MRS. MARY J., Research Fellow, Pathology (Medicine), one year beginning September 1, 1948, $1800 (7-31-48).

SHELDON, MARY, Research Fellow, Clinical Science (Medicine), one year beginning July 1, 1948, $150 a month (8-14-48).

SONNENSCHEIN, RALPH R., Smith, Kline & French Research Fellow, Clinical Science (Medicine), August 1, 1948-June 30, 1949, $170 a month (8-14-48).

STEVENS, ROLLAND E., Fellow, Library Science, nine months beginning September 16, 1948, $850 (8-11-48).

SUSINA, STANLEY V., Research Fellow, Pharmacology (Medicine), one year beginning September 1, 1948, $1500 (8-25-48).

SWOBODA, THOMAS J., Firestone Tire and Rubber Company Fellow, Chemistry, nine months beginning September 16, 1948, $1500 (8-6-48).

WAISMAN, HARRY A., Research Fellow, Pediatrics (Medicine), one year beginning July 1, 1948, $3500 (9-1-48).

WANG, C. C., Wander Company Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1948, $1680 (9-1-48).
WANG, K. J., Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1948, without salary (9-1-48).
WEINBERG, JACK, United States Public Health Service Research Fellow, Orthodontia (Dentistry), one year beginning July 1, 1948, $1500 (9-1-48).
WOODSON, HAROLD W., Research Fellow, Biological Chemistry (Medicine), nine months beginning September 1, 1948, without salary, supersedes (8-25-48).
WU, SHI-SHU, Fellow, Physics, nine months beginning September 16, 1948, $850 (9-16-48).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

AMLING, MRS. SUE C., Assistant, Speech — cancellation effective 9-16-48.
ANDERSON, H. V., Fellow, Chemistry — resignation effective 9-16-48.
ANGELL, CLARENCE, Instructor, Speech — cancellation effective 9-1-48.
ARMON, W. J., First Assistant, Soil Experiment Fields Research (Agronomy) (S) — resignation effective 9-30-48.
ARNOLD, MRS. ELIZABETH, Instructor, Foods and Nutrition Extension (Home Economics) (E) — resignation effective 9-1-48.
BALLOU, H. W., Photographic Reproduction Librarian, rank of Instructor, Photographic Reproduction Laboratory (Library) — resignation effective 9-16-48.
BARRON, S. H., JR., Instructor, Pediatrics (Medicine) — declination effective 9-1-48.
BAUMGARTNER, W. W., Associate Attending Ophthalmologist, Illinois Eye and Ear Infirmary — resignation effective 7-1-48.
BISHOP, D. W., Assistant Professor, Zoology — resignation effective 9-1-48.
BITTERMAN, N. G., Research Associate, Bureau of Economic and Business Research — resignation effective 9-18-48.
BOGGS, J. H., JR., Instructor, Mechanical Engineering (C) — declination effective 9-1-48.
BOSE, R. C., Visiting Research Professor, Mathematical Statistics (Graduate College) — declination effective 10-1-48.
BRANDT, W. H., JR., Scholar, Chemistry — resignation effective 9-16-48.
BREWER, J. E., Assistant, English — declination effective 9-16-48.
BROUGHTON, D. C., Instructor, Theoretical and Applied Mechanics (C) — declination effective 9-1-48.
BROWNSTEIN, STANLEY, Clinical Associate, Medicine (Rush) (Medicine) — cancellation effective 9-1-48.
BUKER, RAYMOND, Instructor, Dairy Husbandry Extension (Dairy Husbandry) (E) — resignation effective 9-1-48.
BUSHRA, EMIL, Fellow, Anatomy — resignation effective 8-1-48.
CHAPMAN, ETHEL, Clinical Assistant, Psychiatry (Medicine) — cancellation effective 9-1-48.
CHARLWOOD, T. W., Instructor, Hygiene, Counselor for Men (Student Welfare) (Undergraduate Division in Galesburg) — resignation effective 9-8-48.
CICARDO, SAM, Head Resident, Stadium Hall — cancellation effective 9-16-48.
CIERESZKO, L. S., Instructor, Chemistry — resignation effective 9-1-48.
CLARK, G. L., Chemistry, Summer Session, 1948 — cancellation effective 6-18-48.
DOLIO, A. J., Counselor, University Council on Teacher Education — declination effective 9-1-48.
DORN, JACK G., Scholar, Mechanical Engineering — resignation effective 9-16-48.
DOTSON, MRS. FRANCES S., Research Assistant, Bureau of Economic and Business Research — resignation effective 10-1-48.
DRAWVER, PAULINE, English, Summer Session, 1948 — cancellation effective 6-18-48.
DRAWVER, PAULINE, Assistant, English — resignation effective 9-16-48.
DRISCOLL, DAVID J., Instructor, Management — resignation effective 9-1-48.
EDWARDS, MRS. MARY H., Assistant Nursery School Teacher, Division of Special Services for War Veterans — resignation effective 8-31-48.
FERGUSON, C. D., Business Law, Summer Session, 1948 — resignation effective 8-1-48.
FISH, W. D., Associate Professor, Hygiene, Assistant to the Health Director (Undergraduate Division in Chicago) — resignation effective 8-31-48.

FREDERICK, MRS. LOIS K., Assistant, Speech — cancellation effective 9-16-48.
FRIEDMAN, MRS. ROSLYN, Assistant, English — resignation effective 9-16-48.
FRIES, R. F., Instructor, Natural Sciences (Undergraduate Division in Galesburg) — resignation effective 9-1-48.
GALSTER, AUGUSTA E., Assistant Professor, Economics — resignation effective 9-1-48.
GOSSARD, F. E., Clinical Assistant, Medicine (Medicine) — declination effective 9-1-48.
HAMMOND, SETH, Economics, Summer Session, 1948 — cancellation effective 6-18-48.
HEISLER, F. B., Clinical Instructor, Psychiatry (Medicine) — declination effective 9-1-48.
HEMMENS, ELIZABETH, Instructor, Bacteriology (Medicine) — declination effective 9-1-48.
HILL, D. L., English, Summer Session, 1948 — cancellation effective 6-18-48.
HILL, D. L., Assistant, English — resignation effective 9-16-48.
HILL, F. J., Economics, Summer Session, 1948 — cancellation effective 6-18-48.
HOROWITZ, GRACE, Assistant, English — resignation effective 9-16-48.
JACKSON, G. A., JR., First Assistant, Fruit and Vegetable Marketing (Agricultural Economics) (S) — declination effective 9-1-48.
JACKSON, G. E., Research Assistant, Bureau of Economic and Business Research — resignation effective 9-1-48.
JENSEN, G. E., Research Assistant, Bureau of Research and Service — declination effective 9-1-48.
JOCHUMS, M. C., Assistant, English — resignation effective 9-16-48.
JOHNSON, W. E., Special Research Associate, Theoretical and Applied Mechanics (S) — resignation effective 9-1-48.
JOHNSTON, R. L., Assistant, Engineering Sciences (Undergraduate Division in Galesburg) — declination effective 9-16-48.
KENDALL, K. A., Dairy Production, Summer Session, 1948 — cancellation effective 6-18-48.
KOREN, J. A., Instructor, Manufacturing Pharmacy, Hospital Pharmacy (Pharmacy) — resignation effective 9-21-48.
KUBITSCHEK, H. E., Fellow, Physics — resignation effective 9-16-48.
LACKY, A. D., Assistant, Physical Education for Men (Undergraduate Division in Galesburg) — declination effective 9-16-48.
LAMPERT, SEYMOUR, Instructor, Pharmacy (Pharmacy) — declination effective 9-1-48.
LANDA, RUBEN, Visiting Instructor, Spanish — resignation effective 9-1-48.
LAWSON, MARY F., Physical Education for Women, Summer Session, 1948 — cancellation effective 6-18-48.
LEFF, C. I., Clinical Instructor, Medicine (Rush) (Medicine) — declination effective 9-1-48.
LEVITT, JOSEPH, Instructor, Physics (Undergraduate Division in Chicago) — resignation effective 9-1-48.
LITTLE, T. J., Instructor, Speech — cancellation effective 9-1-48.
LOEW, E. R., Associate Professor, Pharmacology (Medicine) — resignation effective 10-15-48.
MALONEY, DOLORES M., First Assistant, Home Economics (S) — resignation effective 9-1-48.
MAMET, H. H., Assistant, Speech — cancellation effective 9-16-48.
MASSANARI, K. L., Research Assistant, Bureau of Research and Service — declination effective 9-1-48.
MAXEY, G. W., Assistant, Management (Business Management Service) — declination effective 9-1-48.
MCCLELLAND, MRS. JEAN C., Instructor, Humanities (Undergraduate Division in Galesburg) — declination effective 9-1-48.
MCCORMICK, J. E., Clinical Assistant Professor, Psychiatry (Rush) (Medicine) — declination effective 9-1-48.
MCGRATH, HELEN, Chemistry, Summer Session, 1948 — cancellation effective 6-18-48.
MEADOWS, EDNA L., Assistant, Botany — declination effective 9-16-48.

MECAY, L. E., Instructor, Natural Sciences (Undergraduate Division in Galesburg) — resignation effective 9-20-48.
MEYER, BESSIE F., Assistant Professor, Social Welfare Administration — resignation effective 9-1-48.
MILLER, R. L., Physical Sciences (Undergraduate Division in Chicago), Summer Session, 1948 — resignation effective 6-26-48.
MILLER, W. E., Electrical Engineering, Summer Session, 1948 — cancellation effective 6-18-48.
MORRIS, J. I., Instructor, Mechanical Engineering (C) — declination effective 9-1-48.
MORRIS, O. G., Instructor, Theoretical and Applied Mechanics (C) — declination effective 9-1-48.
NEFF, ELEANOR R., Instructor, Home Economics — resignation effective 7-1-48.
NELSON, W. O., Dairy Production, Summer Session, 1948 — cancellation effective 6-18-48.
ODEGAARD, C. E., Professor, History, Assistant to the Dean, Graduate College — resignation effective 9-1-48.
ODELL, RUTH, Instructor, Physical Medicine (Medicine) — declination effective 9-1-48.
ODELL, RUTH, Instructor and Supervisor, Occupational Therapy (Physical Medicine) (Research and Educational Hospitals) — declination effective 9-1-48.
OGNESS, A. M., Assistant Professor, Aeronautical Engineering (C) — resignation effective 8-15-48.
OSGOOD, BESS G., Research Associate, Clinical Science, Instructor, Biological Chemistry — resignation effective 8-1-48.
PEARCE, CATHERINE A., Instructor, Journalism, Reference Assistant, rank of Instructor, Library — declination effective 9-1-48.
PLEISSNER, ELLA D., Instructor, Physical Medicine (Medicine) — declination effective 9-1-48.
PRATT, F. E., Instructor, Engineering Sciences (Undergraduate Division in Galesburg) — resignation effective 9-1-48.
PRICE, HARTLEY D., Associate Professor, Physical Education for Men — resignation effective 9-1-48.
PROEHL, P. O., Business English, Summer Session, 1948 — cancellation effective 6-18-48.
PROPES, E. A., Instructor, Mathematics — resignation effective 9-1-48.
RATCLIFFE, T. E., JR., Bibliographer, rank of Instructor, Acquisition Department (Library) — declination effective 9-1-48.
ROBACK, R. A., Research Fellow, Clinical Science (Medicine) — resignation effective 9-1-48.
SAVAGE, JOAN H., Instructor, English (Undergraduate Division in Chicago) — resignation effective 8-10-48.
SAWHILL, C. E., Music, Summer Session, 1948 — cancellation effective 6-18-48.
SCHWERMA, HENRY, Research Fellow, Clinical Science (Medicine) — resignation effective 8-26-48.
SCOTT, MRS. BERNICE A., Instructor, Mathematics (Pharmacy) — resignation effective 9-1-48.
SEBENS, WILMA, Instructor, Home Accounts Extension (Home Economics) (E) — resignation effective 9-1-48.
SHEURING, J. J., Instructor, Dairy Manufactures (Dairy Husbandry) (C), First Assistant, Dairy Manufactures Research (S) — resignation effective 8-31-48.
SHICK, W. L., General Engineering Drawing, Summer Session, 1948 — cancellation effective 6-18-48.
SHINNEMAN, D. A., Head Resident, Gymnasium Annex — cancellation effective 7-1-48.
SHRODE, L. B., Assistant, Engineering Sciences (Undergraduate Division in Galesburg) — declination effective 9-16-48.
SIBLEY, M. Q., Assistant Professor, Political Science — declination effective 9-1-48.
SMITH, L. W., Special Research Associate, Physics (S) — resignation effective 9-1-48.
SOLOMON, J. D., Nutrition Foundation Research Fellow, Biological Chemistry — resignation effective 10-15-48.

SPIVACK, MRS. SARAH S., Assistant Psychometrist, Student Personnel Bureau (Undergraduate Division in Galesburg) — declination effective 9-1-48.
STALLINGS, R. L., JR., Instructor, Accountancy — resignation effective 9-1-48.
STEPLETON, PAULINE D., Associate Professor, Hygiene, Medical Adviser for Women (Undergraduate Division in Chicago) — resignation effective 8-1-48.
STONE, ELIZABETH, Electroencephalographer, Psychiatry (Medicine) — resignation effective 9-18-48.
SUTHERLAND, R. L., Special Research Associate, Theoretical and Applied Mechanics (S) — declination effective 9-1-48.
TAYLOR, MRS. SADIE W., Scholar, Home Economics — resignation effective 9-16-48.
TOMPKINS, G. C., Instructor, Management — declination effective 9-1-48.
VAN DUYNE, FRANCES, Home Economics, Summer Session, 1948 — cancellation effective 6-18-48.
WEHRSPANN, D. H., Clinical Assistant, Medicine (Medicine) — declination effective 9-1-48.
WERNETTE, J. P., Professor, Economics — declination effective 9-1-48.
WHITESIDE, HELEN, Head Resident, Evans Hall — declination effective 9-1-48.
WILLETT, THELMA, Music, Summer Session, 1948 — cancellation effective 6-18-48.
WILLIAMS, S. K., Instructor, Electrical Engineering (C) — resignation effective 9-1-48.
WRIGHT, P. R., Instructor, Physical Sciences (Undergraduate Division in Chicago) — resignation effective 8-16-48.
YEAGER, R. A., JR., Assistant, Mechanical Engineering (C) — declination effective 9-16-48.
ZEEVAERT, LEONARDO, Visiting Research Associate, Structural Engineering (Civil Engineering) (S) — resignation effective 9-1-48.

DEGREES CONFERRED AUGUST 14, 1948

Summary

Degrees in the Graduate College:		
Master of Education	6	
Master of Social Work	2	
Master of Arts	114	
Master of Science	237	
Master of Fine Arts	2	
Master of Music	3	
Total, Graduate College	364	
Degrees in Law:		
Bachelor of Science	4	
Bachelor of Laws	10	
Doctor of Law	4	
Total, Law	18	
Baccalaureate Degrees:		
Bachelor of Science, Library School	18	
Bachelor of Science, College of Agriculture	41	
Bachelor of Science, College of Engineering	137	
Bachelor of Arts, College of Liberal Arts and Sciences	66	
Bachelor of Science, College of Liberal Arts and Sciences	53	
Bachelor of Science, College of Education	31	
Bachelor of Science, College of Commerce and Business Administration	121	
Bachelor of Science, School of Journalism	40	
Bachelor of Science, College of Fine and Applied Arts	17	
Bachelor of Fine Arts, College of Fine and Applied Arts	5	
Bachelor of Music, College of Fine and Applied Arts	1	
Bachelor of Science, School of Physical Education	14	
Bachelor of Science, Division of Special Services for War Veterans	130	
Total, Baccalaureate Degrees	674	
Total, Degrees Conferred		1 056

GRADUATE COLLEGE

Professional Degrees

Master of Education

CARRIE BELLE DAWSON, B.S., Lincoln University, 1942; M.S., 1944
LEO LEONARD KNUTI, B.S., M.S., University of Minnesota, 1926, 1937
WINONA COCKING PEITHMAN, A.B., MacMurray College, 1940; A.M., 1947
JOHN NEWTON RENARD, B.S., M.S., 1934, 1947
CALVIN SOLON SIFFERD, A.B., Northwestern University, 1928; A.M., 1945
RICHARD CLARKE SKINNER, B.Ed., Western Illinois State College, 1936; A.M., Northwestern University, 1939

Master of Social Work

HELEN WATTS HARLAND, A.B., 1921
STELLA CATHARINE HEFFERNAN, B.S., Saint Norbert College, 1941

Degree of Master of Arts

In Bacteriology

FRANK THOMAS GARDNER, B.S., New York University, 1942
HYMAN SHOR, A.B., New York University, 1947

In Business Organization and Operation

SHIH-RU HU, A.B., National Central University, 1943

In Chemistry

GEORGE ROBERT CORAOR, A.B., Illinois College, 1947
HARRY ALBERT DEWALT, JR., A.B., Temple University, 1947
KENNETH LEE HAMM, A.B., Carthage College, 1947
FRED ZELLMAN, A.B., Carthage College, 1947

In Classics

BETTY MARY ELLEN CROFT, A.B., 1947
WINIFRED JEAN HAGER, A.B., Wheaton College, 1947
ALMA MAE IRION, A.B., 1946

In Economics

DANIEL CLARK ANDERSON, A.B., 1946
HOWARD WILLIAM FLICK, A.B., Carthage College, 1941

In Education

VERNA OLIVE ANDREWS, A.B., 1930
EMMA ELIZABETH BAUMAN, A.B., Mount Holyoke College, 1947
JOHN MILTON BEATTY, A.B., Saint Ambrose College, 1941
JAMES CLEVELAND BLANKS, JR., A.B., Stowe Teachers College, 1945
ESTHER HAZEL BOONE, A.B., Stowe Teachers College, 1945
ALMA BLANCHE BREMER, B.S., Arkansas State College, 1940
JOANN BROSMAN, A.B., Indiana State Teachers College, 1944
CLAIR ZURL BURLEW, B.Ed., Western Illinois State College, 1939
ANN ESTHER CIONI, B.S., Illinois State Normal University, 1946
ARTHUR CHARLES CLARK, B.S., Southeast Missouri State Teachers College, 1937
SYLVIA TURKENITCH DREIKURS, A.B., Upsala College, 1936
HELEN LOUISE DUNN, B.S., 1938
NEWTON LOCHINVAR ELLIOTT, JR., A.B., Illinois College, 1938
HELEN GERTRUDE FAIRWEATHER, B.Ed., Illinois State Normal University, 1940
ALICE BESS LYONS FRAME, B.S., 1942
VIRGINIA FRATCHER, A.B., Bradley University, 1944
VORIS DAVID FREDERICK, B.Ed., Southern Illinois University, 1941
FREDERICK ISAAC GODSHALK, A.B., Lafayette College, 1925
HELEN EVELYN GREEN, A.B., Millikin University, 1945

JOHN RICHARD HAEGELE, B.Ed., Southern Illinois University, 1935
JACK RAUSCH HARTONG, A.B., Illinois College, 1939
RAY HENRY HEINZMAN, B.Ed., Southern Illinois University, 1940
MARIA JOHANNA HOEPFNER, A.B., 1945
JOHN GRAHAM HOWELL, B.Ed., Eastern Illinois State College, 1939
DARRELL JAMES INABNIT, A.B., University of Minnesota, 1939
DORIS JUANITA JAMES, A.B., Stowe Teachers College, 1944
MINNIE ESTHER JOHNSON, B.Ed., Western Illinois State College, 1942
NEVALEE TALLYN JOHNSON, A.B., Shurtleff College, 1942
RUSSELL EDWIN JOHNSON, A.B., Iowa State Teachers College, 1947
MARY ELIZABETH JONES, B.S., Michigan State Normal College, 1932
VIRGIL HOWARD JUDGE, B.Ed., Eastern Illinois State College, 1940
IRMA MAGDELINE KING, A.B., Stowe Teachers College, 1945
EDWARD EUGENE KONKEN, B.Ed., Western Illinois State College, 1939
CLARA AMELIA KRIZTON, B.Ed., Southern Illinois University, 1930
RAYMOND HENRY LANE, B.Ed., Eastern Illinois State College, 1940
ADELLE MALONE, A.B., Stowe Teachers College, 1944
WILLIAM OTIS MARICLE, B.Ed., Southern Illinois University, 1939
JULIUS SEBASTIAN MARTI, A.B., 1927
CLARA FRANCES MCGINTY, A.B., 1937
ARLENE LUCILLE MILLER, A.B., 1929
PAULINE MARIE SCHMOCK MUNSCH, B.Ed., Illinois State Normal University, 1937
CLARENCE R. NOE, A.B., Bradley University, 1939
GEORGE HERBERT OUTLAW, B.S., Lincoln University, 1943
DONNIE ELIZABETH PLAYER, A.B., Southern University, 1938
THOMAS ERNO PLETCHER, A.B., 1944
WILLETTE EDITH PYLES, A.B., Stowe Teachers College, 1945
WINNIFRED LONERGAN RHOADES, B.S., Illinois State Normal University, 1944
HELEN AMANTHIS RIPPELMEYER, B.Ed., Southern Illinois University, 1940
ELDA HERMANN ROBBINS, A.B., Augustana College, 1923
VIRGIL CARL ROTH, A.B., Greenville College, 1940
WILLIAM DEAN SANDERS, A.B., McKendree College, 1936
JENNIE ELIZABETH SHIELD, A.B., Augustana College, 1935
ANNA JONES SHIPLEY, Ph.B., University of Chicago, 1919
MALCOLM HOWARD STROW, A.B., University of Tulsa, 1942
MARGARET LOUISE TAYLOR, B.S., 1943
DOROTHY MAE THOMAS, A.B., Stowe Teachers College, 1945
CLARA ETTA TOMPKINS, A.B., Stowe Teachers College, 1946
HAZEL LOUISE TOWERY, B.Ed., Southern Illinois University, 1934
MARY FRANCES VARNADO, A.B., 1942
ANNABELLE WALKER, B.S., Northwestern University, 1946
EULA BERNIECE WALKER, A.B., Lincoln University, 1942
WILLIAM ANDREW WALSH, Ph.B., Saint Viator College, 1938
IVA IONE WARNER, B.Ed., Western Illinois State College, 1933
FRANCIS PAUL WHITE, A.B., Saint Ambrose College, 1940
MARY LOUISE WILLIAMS, A.B., Stowe Teachers College, 1942
ARTHUR C. WILSON, B.Ed., Winona State Teachers College, 1937
FRANK PHILBERT WINEBRENNER, A.B., Illinois College, 1933
HUGH PAUL WISHER, A.B., 1933
ARCHIE EDWARD WOODROME, B.Ed., Southern Illinois University, 1936

In English

WILMA JUNE DRYDEN, A.B., 1939
EDWIN DEWEY HAYNES, A.B., 1947
SYNNEVA CATHERINE ONSGARD, A.B., Wichita University, 1947
PETER TUN TSAO, A.B., North Central University, 1944

In French

HELEN HOWARD LINK, A.B., University of Chicago, 1942
ELAINE FRANCINE CHARLOTTE NEWKIRK, A.B., 1947

In German

EDWARD JOSEPH LENNON, A.B., 1947

In History

RODERICK PAGE THALER, A.B., University of Tennessee, 1947

In Mathematics

HARRY EDWARD COWAN, B.S., Pennsylvania State College, 1939

In Philosophy

ROBERT EUGENE RICHARDS, A.B., 1947

In Physics

SUMNER PRINDLE DAVIS, A.B., University of California, 1947
MILES THOMAS PIGOTT, A.B., Miami University, 1947

In Political Science

WILLIAM ELTON BERRY, JR., A.B., 1947
BETTY JANE HULL SWOBODA, B.Ed., Illinois State Normal University, 1941

In Psychology

ALBERT KEITH DOAK, A.B., 1947
FRANCIS DAVID HARDING, JR., B.S., Boston University, 1947
ARLENE BERTHA HEIST, A.B., Wartburg College, 1939; B.S., University of Minnesota, 1947
PAUL ADOLPH HEIST, A.B., Luther College, 1939; Ed.M., University of Minnesota, 1947
JAMES FRANCIS KELLY, A.B., 1947
ELEANOR FRANCES MAXWELL, A.B., Ohio University, 1947
HENRY METRICK, B.S., Roosevelt College, 1947
MARVIN JACK PITLUK, A.B., Roosevelt College, 1947
ELI SALTZ, B.S., 1947
LYLA GHOSE TINER, A.B., University of Wisconsin, 1947
DOROTHY STONECIPHER WHAM, A.B., MacMurray College, 1946

In Social Science

ESTELLE MARIE MCDOUGAL, A.B., Lincoln University, 1946

In Spanish

RUTH NAOMI CALIMESE, A.B., 1944
MARY PLAGAKIS, A.B., 1947

In the Teaching of English

RUTH ELEANOR BARDWICK, A.B., 1947

In the Teaching of Mathematics

SISTER MARY DORICE SUCHOWSKI, B.S., Milwaukee State Teachers College, 1943

In the Teaching of Social Studies

ALEEN ALMA HOSTETTLER, B.Ed., Illinois State Normal University, 1935
WALLACE GEORGE SCHWASS, B.S., LL.B., Northwestern University, 1939, 1941
JACK JUNIOR WESTWATER, A.B., 1947

Degree of Master of Science

In Accountancy

CLARENCE LEO DUNN, B.S., 1947
LEO JOSEPH GORENZ, JR., B.S., 1947
WILLIAM DELANEY HALL, B.S., 1947
HARRY TAYLOR MAGILL, B.S., Miami University, 1947
WESLEY WINFRED RINK, B.S., 1947

In Agricultural Economics

JOHN LEO MCGURK, B.S., Cornell University, 1947
JOHN RUSSELL MORRIS, B.Ed., Western Illinois State College, 1930
ROBERT CONE SUTER, B.S., Cornell University, 1947

In Agronomy

HOWARD ALBERT JONGEDYK, B.S., 1947
DARREL LUVENE LYNCH, B.S., 1947

In Animal Nutrition

MARCELO HENRY BERT, B.S., National College of Agriculture, 1946

In Animal Science

GEORGE FRANCIS CMARIK, B.S., 1947
CHARLES NICHOLAS DEHART, B.S., 1935

In Architecture

SHOU YI CHANG, B.S., National Central University, 1945

In Architectural Engineering

ROBERT PAUL LINK, B.S., 1944, 1947

In Bacteriology

LOUIS SOL BARON, B.S., College of the City of New York, 1947
ARTHUR FRANK KUNES, JR., B.S., 1947
KENNETH NELS LARSEN, B.S., 1947
MARVIN LEGATOR, B.S., 1947
EVA CAROL MARCUS, B.S., University of Chicago, 1947
WANDA FAY PEAIRS, B.S., Allegheny College, 1947
BERNARD ALBERT STEINBERG, A.B., New York University, 1947
HARRIET COLE STERN, B.S., 1946
WALTER ANTHONY ZYGMUNT, B.S., 1947

In Biological Science

CONSTANCE CORLEY BUZAN, B.S., 1947

In Ceramic Engineering

JAKE GLATTER, B.S., 1946

In Chemical Engineering

SHELTON LEE DOWNEY, B.S., University of California, 1943; B.S., 1947

In Chemistry

WILLIAM WESLEY BURR, JR., A.B., University of Nebraska, 1947
PHILIP DORNIN CAESAR, B.S., Yale University, 1939
ROBERT EDWARD CARNAHAN, B.S., University of Wisconsin, 1947
EDGAR LOUIS CARON, B.S., Bradley University, 1947
ELODIE EMELDA DIODENE, A.B., Tulane University, 1947
EDWARD FAITH ELSLAGER, B.S., James Millikin University, 1947
NORMAN HOWARD GRANT, Ph.B., B.S., University of Chicago, 1946, 1947
MARCUS GORDON GRODBERG, A.B., Clark University, 1944
HAROLD WAYNE HILL, JR., A.B., James Millikin University, 1947
JOSEPH LOUIS KRICKL, JR., B.S., Saint Mary's College, 1947
WALLACE HUTCHINSON MCCURDY, JR., B.S., Pennsylvania State College, 1947
WILLIAM RIEDEL MILLER, B.S., Iowa State College, 1946
SHALOM EDEL NEUHAUSEN, A.B., Temple University, 1947
ROBERT J. PEAVLER, A.B., Southern Illinois University, 1947
WARD BEECHER SCHAAP, B.S., Wheaton College, 1944
KAZUO HORACE TAKEMURA, B.S., University of California, 1947
JOHN VINCENT TUSCHHOFF, B.S., Illinois Wesleyan University, 1947
THOMAS JEROME WELLMAN, B.S., 1947

In City Planning

DALE ROBERT SCHERER, B.S., 1947

In Civil Engineering

STANLEY FAH KONG CHAR, B.S., Pennsylvania State College, 1947
KENNETH DAY CRUMRINE, A.B., Harvard University, 1947
CLAUDE ANDERSON FETZER, B.S., University of Tennessee, 1943
JOHN BERTRAM FREEBORN, B.S., Georgia School of Technology, 1947
DUANE HARPER GRANT, B.S., Howard University, 1946
JOHN CHARLES HENBERGER, B.S., 1947
CURT ANTON MATYAS, B.S., 1945
MOSTAFA KHALIL KAMEL MOSTAFA, B.S.C., Fouad First University, 1941
HAROLD EUGENE TURNER, B.S., 1946
THOMAS APPELLE WILEY, B.S., 1946
TIEN HSING WU, B.S., St. John's University, 1947

In Clinical Psychology

LOUISE MAURINE BEVERLY, A.B., Denison University, 1946
CYNTHIA FRANCES LEBAN, A.B., Alfred University, 1946
SOL SHAEL ROSENBERG, A.B., 1947
CLARENCE ARTHUR SCHORR, B.S., University of Dayton, 1947
ALVIN ELIOT WINDER, A.B., Brooklyn College, 1947

In Economics

RICHARD KAI-CHIH DIAO, A.B., National Central University, 1946
ARTHUR S. KRANE, B.Ed., Illinois State Normal University, 1942

In Education

DONALD EDWARD ADAMS, B.Ed., Illinois State Normal University, 1937
WAYNE MATHEWS AIKEN, B.Ed., Southern Illinois University, 1940
DOROTHY NELL AUSTIN, B.S., 1943
JULIA CAROLINE AUSTIN, B.S., 1943
VIRGIL HERBERT BANCROFT, B.S., 1938
LEW WALLACE BODINE, B.S., 1939
HOWARD THEODORE BOES, B.S., 1938
MARY LEAH BOULDIN, B.S., University of Missouri, 1940
VALLIS SEYLER BRAZINSKIS, B.S., Kansas University, 1941
WILLEFORD AARON BRIEN, B.S., Saint Louis University, 1946
JAMES EDWARD BURTON, B.Ed., Southern Illinois University, 1939
WALTER JOHN CHULICK, B.S., 1939
EMIL CORGIAT, B.S., 1936
VIVIAN PEARL COTTON, B.S., Lincoln University, 1942
MERLE ELMER CROSBY, A.B., Culver-Stockton College, 1939
GWYNDEL CALVIN DAVIS, B.S., James Millikin University, 1932
RALPH STERLING DAVIS, B.Ed., Western Illinois State College, 1937
RUSSELL ERHARDT DRECHSLER, B.S., 1941
ROBERT LEE ERDMAN, B.S., Milwaukee State Teachers College, 1947
MINNIE MARIE FENOGLIO, B.S., 1944
ROBERT OLIN FRAME, B.Ed., Eastern Illinois State College, 1943
MARION EUGENE GAHAN, B.S., 1936
EMERY LOUIS GERECZ, B.S., 1947
VERA LEE HEMINGWAY, B.S., Lincoln University, 1940
WILLIAM THOMAS HINES, B.Ed., Illinois State Normal University, 1941
LOUISE KATHERINE HOGUE, B.S., Southeast Missouri State Teachers College, 1942
JAMES CLINTON HOLLINGSED, B.Ed., Southern Illinois University, 1939
JACK HENRY HORENBERGER, B.S., Illinois Wesleyan University, 1936
CHARLES KENNETH JENKINS, B.Ed., Eastern Illinois State College, 1941
EUGENE MELVIN JOHNSON, B.S., 1946
MELVIN RUSSELL KORNMEYER, B.S., 1947

JOHN KEITH LANGAN, B.S., University of Minnesota, 1942
ELIJAH LANGFORD, B.S., Southern Illinois University, 1945
ROY ALBERT LARSON, B.Ed., Illinois State Normal University, 1940
WILLIAM EDWARD MAYNARD, B.Ed., Western Illinois State College, 1940
MILDRED MAE MENARD, B.S., Illinois State Normal University, 1945
DAVID HAROLD MILLER, B.S., 1942
ANNABELLE MILLIGAN, B.S., Indiana State Teachers College, 1940
FRANCES ELENDER MINTON, B.Ed., Illinois State Normal University, 1944
FORREST MERRITT MOORE, B.S., 1946
SYLVIA LUCILLE DIEL MOORE, B.Ed., Eastern Illinois State College, 1942
WILLIAM DALE MORTON, B.S., Illinois State Normal University, 1946
EDNA VIOLET NELSON, B.S., Illinois State Normal University, 1946
JOHN ADDISON NELSON, B.S., 1947
LLOYD PALM NELSON, B.S., 1942
LAVERNE VICTORY PATTERSON, B.S., 1940
FLORENCE MARGARET PEARSON, B.S., 1942
DOROTHY MAY RAINS, B.S., 1947
JOSEPH JOHN RALLO, B.S., Shurtleff College, 1942
WALTER MARION HENRY RAUTH, A.B., McKendree College, 1934
MARY FRANCES ROSS, B.S., 1943
WILLIAM ALLEN ROSSITER, B.S., 1932
CHRISTINE TOJO ROUFF, B.S., Washington University, 1944
LEE RUSHING, B.Ed., Southern Illinois University, 1937
MINNIE MARIE SCHEUERING, B.S., Western Illinois State College, 1944
EVELYN MARY SCHROTH, B.S., University of Wisconsin, 1940
KENNETH EUGENE SIBLEY, B.S., 1948
ELY A. SIRES, B.S., Milwaukee State Teachers College, 1939
ROSS KINNEY STEPHENSON, B.Ed., Eastern Illinois State College, 1943
MARY ALTA SULLIVAN, B.Ed., Western Illinois State College, 1935
ORVILLE GLENN SUMMERS, B.S., 1941
HUBERT HENRY SUTTON, B.Ed., Southern Illinois University, 1936
HARVEY MACK THOMPSON, B.S., Wilberforce University, 1942
CECIL JAMES TRIMBLE, B.S., 1936
DONALD H. VAN ORMER, B.Ed., Western Illinois State College, 1936
WILMA MARGARET WALTERS, B.S., 1943
NORMAN EUGENE WASSON, B.S., 1947
RALPH JONES WELLES, B.S., Illinois State Normal University, 1941
GALE LEROY WESLEY, B.Ed., Eastern Illinois State College, 1939
NANCY ISABELLE WHITLOCK, B.S., 1942
JOSEPH JOHN WILKAITIS, B.S., 1946
HAROLD EDGAR YOUNGER, B.Ed., Eastern Illinois State College, 1938

In Electrical Engineering

MAXWELL CLAYTON ANDREWS, B.S., University of Missouri, 1947
WILLIAM EDWIN BARRICK, B.S., Rose Polytechnic Institute, 1946
WILLIAM ALBERT BRIDGE, B.S., 1947
CAROLUS ADAMS BROWN, B.S., Georgia School of Technology, 1937
ALVIN LEE BURKE, B.S., United States Military Academy, 1938
LAWRENCE GORDON FORBES, B.S., United States Military Academy, 1940
DONALD EUGENE GLUM, B.S., Iowa State College, 1946
DAVID ROGER GUY, B.S., United States Military Academy, 1940
SIGURDUR GUDNI HALLDORSSON, B.S., Massachusette Institute of Technology, 1946
ELMER MAXWELL HARNER, B.S., University of Virginia, 1946
MUNRO KING HAYNES, B.S., University of Rochester, 1947
HENRY BENJAMIN HOLMES, III, B.S., Virginia Military Institute, 1941
JOHN GORDON JOHNSON, B.S., United States Military Academy, 1939
RALPH ERWIN KUEHN, B.S., 1941
LEWIS GENE LANDES, B.S., Rose Polytechnic Institute, 1944
WALLACE MICHAEL LAUTERBACH, B.S., United States Military Academy, 1941
CLINTON FORT MATTHEWS, B.S., Mississippi State College, 1940

WALTER FRANCIS MOLESKY, B.S., United States Military Academy, 1941
DONALD ERIC NELSON, B.S., 1941
EMMETT ROBINSON REYNOLDS, B.S., United States Military Academy, 1943
THOMAS MATTHEW MICHAEL RIENZI, B.S., United States Military Academy, 1942
JAMES EVANS ROBERTSON, B.S., Oklahoma Agriculture and Mechanical College, 1947
GEORGE MURRELL SNEAD, JR., B.S., Virginia Military Institute, 1943
ROBERT DAVIS TERRY, B.S., United States Military Academy, 1942
JOSEPH FRANKLIN TOBIAS, B.S., 1947
RICHARD ERNEST WENDT, JR., B.E.E., University of Louisville, 1947
HOYT EDWARD WHITE, B.S., Georgia School of Technology, 1938
MALCOLM DOUGLAS WIDENOR, M.E., Stevens Institute of Technology, 1944
SYLVAN KEITH WILLIAMS, B.S., South Dakota School of Mines, 1947
RICHARD MORRELL ZEHR, B.S., 1947

In Geography

LEE AUBREY BURCHAM, B.S., 1947

In Geology

HARMON EDWIN EVELAND, JR., B.S., 1947
EDGAR LEON WEINBERG, B.S., 1947

In Home Economics

ELSIE MAY BUCHANAN, B.S., 1941
SISTER M. DEPAUL KLOVER, B.S., De Paul University, 1932

In Horticulture

HARRY CHARLES KOHL, JR., B.S., 1940
GOAH ABE LYNCH, B.S., 1947

In Journalism

JEAN CECIL HALTERMAN, B.S., 1943
GEORGE HENRY MILLER, B.J., University of Missouri, 1940
ROBERT MANDELL POCKRASS, A.B., University of North Carolina, 1938
GERTRUDE JAMES SUNDBERG, B.S., Miami University, 1946

In Library Science

VIRGINIA ANNA BERG, A.B., Cornell College, 1945; B.S.(L.S.), 1946
ROSEMARY SCHILLY CALDWELL, A.B., Maryville College, 1934; B.S.(L.S.), Louisiana State University, 1941
GEORGIA ROSE COFFIN, A.B., University of Colorado, 1937; B.S.(L.S.), University of Denver, 1939
JEAN HALL, A.B., Drury College, 1943; B.S.(L.S.), 1944
ALETHIA ANNETTE LEWIS HOAGE, A.B., Fisk University, 1939; B.S.(L.S.), 1941
FRANCES MAUD KENNEDY, A.B., University of Oklahoma, 1928; B.S.(L.S.), 1931
MARGARET JEAN LOKKE, A.B., B.S.(L.S.), 1939, 1941
DE LAFAYETTE REID, JR., B.J., University of Missouri, 1938; B.S.(L.S.), 1940

In Mathematics

FRANCES MARIE CYRIER, B.S., Illinois State Normal University, 1944
PETE SINGLETON LEACH, B.S., Georgia School of Technology, 1932
GEORGE ROGER LIVESAY, B.S., 1948
CLARENCE ALOIS PHILLIPS, B.Ed., Saint Cloud State Teachers College, 1937
JUNE ARMSTRONG WHITEHEAD, B.S., 1947

In Mechanical Engineering

FRANK STUART ALEXANDER, JR., B.S., Purdue University, 1947
MING MAO CHEN, B.S., National Wu-han University, 1941
THOMAS ANSON COULTAS, B.E., University of Southern California, 1946
ARTHUR NICHOLS FLEMING, B.S., 1947

SHIH-CHIOW HU, B.E., National Wu-han University, 1942
MUZAFFER CEMAL KULUR, B.S., University of Michigan, 1947
KENNETH LLOYD LAMM, B.S., University of Wisconsin, 1947
CHENG SHIH, B.S., National Pei-Yang Engineering College, 1939

In Metallurgical Engineering

FRANK ALBERT ROUGH, B.S., 1943

In Music Education

LEE EDWARD DICKS, B.Mus., Bethany College, 1941
CHARLES WILLIAM GREGG, A.B., Hendrix College, 1943
LOIS HELEN ROBBINS, B.S., Western Illinois State College, 1947

In Physical Education

JOE MAX BRESSLER, B.Ed., Eastern Illinois State College, 1941
ELMER HENRY ENGEL, B.S., 1943
JOHN LINCOLN FREEMUTH, A.B., Carthage College, 1933
RICHARD CHARLES HEIDINGER, B.S., 1947
CHARLES TYLER HOTCHKISS, B.S., 1947
WILLIAM KASTRINOS, JR., B.S., Northern Illinois State Teachers College, 1947
THOMAS FRANK KRIZAN, B.S., 1947
ROY DOUGLAS MOORE, B.S., North Carolina College, 1947
JOHN NICHOLAS POTTER, B.S., 1947
LOUIS JOHN SAKAL, B.S., Springfield College, 1942
ARMOND HAROLD SEIDLER, B.S., 1943
RUTH ABRAMOVITZ SLUSER, B.S., 1947
ROBERT ELMER STERNLOFF, B.S., 1947
WILLIAM ANDREW TOMARAS, A.B., 1946
ROBERT ALEXANDER WILSON, B.S., 1947

In Physics

GERALD PAUL BECK, A.B., Southwestern College, 1943
MALCOLM MCCAMMON CLARK, B.S., 1947
WILLIAM MARSLAND HALL, B.S., 1947
IRWIN WILLIAM JANNEY, B.S., 1947
RALPH OWEN KERMAN, A.B., Kalamazoo College, 1947
WILLIAM EBERLE KREGER, B.S., Case School of Applied Science, 1946
ROBERT ANDREW KROMHOUT, B.S., Kansas State College, 1947
JAMES EDGAR LINDSAY, JR., B.S., University of Colorado, 1947
DONALD ROBERT MAXSON, B.S., Bowdoin College, 1944
ROBERT HAWLEY MCMICKLE, A.B., Oberlin College, 1947

In Physiology

HARRY GLEN HARSHBARGER, B.S., 1941

In Speech Correction

ALICE BURTON WEAVER, B.Ed., Eastern Illinois State College, 1941

In the Teaching of Biology and General Science

JUNIUS HUGH MORRIS, B.S., 1943
CLIFFORD ELYMAN MURPHY, A.B., Hanover College, 1936
LEE PAXTON WITT, B.S., 1941
CHARLES EDWARD WRIGHT, A.B., Carthage College, 1943

In Theoretical and Applied Mechanics

JACOB ARTHUR WEBER, B.S., 1942

In Zoology

JOHN FORBES MCCLELLAN, B.S., 1947
STANLEY NORTON MEYERS, A.B., 1947
REUBEN TORCH, B.S., 1947

Degree of Master of Fine Arts

In Art History

LEWIS WALDRON WILLIAMS, II, B.F.A., 1947

In Painting

CAROLYN SCHARF DAVIS, A.B., Scripps College, 1946

Master of Music

MARILYN JUNE FOLLIARD, B.Mus., 1947
STELLA JEAN HUNTER, B.Mus., 1946
FRANK BURTON PAGE, JR., B.Mus., University of Michigan, 1941

COLLEGE OF LAW

Degree of Bachelor of Science

ELDON EUGENE HAZLET
WORTHY BROWN KRANZ
RICHARD YATES ROWE, JR.
DONALD FRANCIS VONACHEN

Degree of Bachelor of Laws

ROBERT FIELD BARNES, A.B., 1942
ROBERT FREDERICK CASEY, B.S., 1946, 1947
HOMER EMMETT FOLGATE, JR.
HOBART BILDERBACH HARDEN, JR., B.S., 1946
LYLE RICH HUFF, B.S., M.S., 1932, 1937
ALBERT EDWIN HURT, B.S., 1941
NORMAN GEORGE PHILIP KRAUSZ, B.S., 1941
CLOVIS ALFRED MCKENZIE, B.S., 1947
CHARLES WILLIAM MUSSETT, B.S., 1948
WILLIAM HAROLD VAN LEEUWEN, A.B., 1947

Degree of Doctor of Law

RICHARD JOSEPH FALETTI, B.S., 1947; with Honors
EDWARD EMMETT HAUGENS, B.S., 1943
LENDRUM ACKER MACEACHRON, A.B., Oberlin College, 1940
DONALD LEROY WELSH, B.S., Purdue University, 1946

LIBRARY SCHOOL

Degree of Bachelor of Science

In Library Science

RUTH ELIZABETH BYNUM, B.S., Southeast Missouri State Teachers College, 1925; A.M., University of Missouri, 1934
MARIAN BOUGHNER CLARK, A.B., York College, 1927
PATRICIA CONNOLLY, A.B., Mount Mary College, 1932; A.M., 1938
DEBORAH SHACKELFORD FISHER, A.B., Dillard University, 1939; with High Honors
GENEVIEVE PAULINE HAYES, A.B., Illinois College, 1930; with Honors
EMMA SMITH HOUGH, A.B., 1924; M.S., Southern Illinois University, 1948
WILLIAM LEGRAND HUTCHINSON, B.S., Northwest Missouri State Teachers College, 1939; with High Honors
LOUISE MACY, A.B., Illinois Wesleyan University, 1928; A.M., 1942
MIRIAM MAXWELL, A.B., Beloit College, 1923
PEARL SMITH MAYBACH, A.B., A.M., 1931, 1932
LUCILLE MINGES MOORE, B.S., Florida Southern College, 1941
LIBBIE FRANCES POSTLEWAIT, B.Ed., Illinois State Normal University, 1940
NETTIE VIRGINIA SHIRLEY, B.S., 1945
RABIEB TANTRANON, A.B., Chulalongkorn University, 1940

KATHARINE TAYLOR, A.B., Central College, 1940; with Honors
BEATRICE MARGARET WHEATLEY, A.B., College of Emporia, 1927
HELEN CLARK WHITLER, A.B., Millikin University, 1924
HOWARD K. ZANDBERGEN, A.B., Hope College, 1947

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

SIDNEY JOSH BERNSTEIN
LOUIS FREDERICK BOTTERBUSCH, with High Honors
GLEN EDWARD BOYLE, with Honors
JOHN ROBERT CASEY
THOMAS BRYCE DEEREN
KENNETH BURTON ELLIOTT
RICHARD RONALD ELLIOTT
GEORGE FRED FEHRENBACHER, with Honors
PAUL JACOB FERREE, with Honors
RUSSELL ALBERT HARDY
WILLIAM GARFIELD KAMMLADE, JR., with Honors
JOHN KENNEDY KINCAID, JR., with High Honors
KENNETH WARREN KNELL
CHARLES EDGAR LINDLEY
ROBERT BARTLETT PALMER
CLINTON AMBROSE PICKETT, JR.
LESLIE WAYNE ROGERS
WILLIAM MAX ROSS, with Highest Honors
FRANKLIN BELL ROYSTER
CARL ROLLAND RYLANDER
KENNETH FAEH STEVENS
ROBERT FRANCIS TRACY
JOHN DAVID WILSON

In Floriculture

LEROY OTTO STANEK

In Home Economics

CLOETTA EMMALINE COLL, with High Honors
LUELLA CAMPBELL GOURLEY
JOANNE LENORE LARSON
JUSTINA WOOD LATHROP, with Honors
LUCY HARRIET LEAKE
MARY VIRGINIA MOORE
VERNICE TENDALL TILLITSON
ERLA DARLING ROBINSON
NANCY LEELLEN WOLFE
HELEN ELAINE WYCKOFF

In Home Economics Education

MARY FRANCES BINKLEY
LUCY ELEANOR PARISH

In Vocational Agriculture

HOWARD CARL KNIGHT
RICHARD MORGAN LOWE
GEORGE THOMAS RAINEY
RODELL MARVIN RHINE, with Honors
DONALD RALPH SPRINGER

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

JAMES RUSSELL BOWTON
ROBERT LEE CUMMINGS
ROBERT WILLIAM FALCONER, with High Honors
LEONARD JOHN OBERY, with Honors
FLOYD ALGA RUSH
JOHN OLIVER SPENCER

In Agricultural Engineering

ROBERT HARRY EAGLETON
FREELAND CARTER IVES
WILLIAM GEORGE TALBOTT

In Ceramic Engineering

JOSEPH FRANCIS WUELLNER

In Civil Engineering

FRANK WILLIAM ANDERSON
CHESTER LEWIS AUGUSTINE
ARTHUR JOSEPH BILODEAU
VERLON WESLEY BRASELTON
PAT EMANUEL DEROSA
ROBERT EARL EADS
MELVIN HENRY FISHER, with Honors
RUSSELL LOWELL GIFFIN, JR.

Richard Wendell Heil
Charles Kidder Huxford
Talat Demir Itil
George Ellsworth Jaeger
Charles Donald Johnson
David Arthur Johnson
Carl Henry Koontz
William John Langenbach, Jr.
Raymond Pius Maxwell
Walter Hugh Miller
Samuel Oken
Howard Joseph Pelc, with Honors
Carl Dean Peters
Alfred Joseph St. Pierre
Barbara Lou Schmidt
Martin James Siebrasse, with Honors
John Richard Thomason
Charles Fred Zirzow, with Honors

In Electrical Engineering

Bernard Anderhous
Charles Ross Anderson, with Honors
Theodore William Anderson
Thomas Robert Armstrong
Charles Edgar Baker, Jr.
Delmond Gus Bangert, with High Honors
John McNair Bell
Arthur Peter Boresi
Norman Keith Brownback
Billie Elmer Buescher
Glenn Mathias Burgwald
James Winfred Burton
William Alvin Carey
Edmond Elmer Conner, with High Honors
Alfred Ernst Corduan
William Bruce Croxville, with Honors
George Clinton Curtis
Robert Orville Duncan
Joseph James DuRapau
Everett Henton Ehrhart
Harry David Epstein
Robert Arley Floyd, Jr.
George Rufus Foster
Philip Greenspan
Thomas George Grey
John Dudley Hall
Richard Mervyn Hall
Floyd Harlin
Dale Edward Haskins
Mitsuru Hayashi
Daniel Edward Heiman
Karl Klatte Hilgendorf
Lowell Leon Hubbard
Howard Louis Johnson
Robert William Kiesling
Walter James Komorowski
Ernest Steve Krivi
John Anthony Kurland
Gordon Lee McGhee
James Orville McHood
Robert Chester Montross
Robert Franklin Newbold
Thomas Reilly O'Meara
Herbert Henry Rickert
Raymond Francis Roberts
John Brady Roche
Robert Rosencranz
Julian Saper
James Bryant Sayler
Donald Keith Schaeve, with High Honors
John Elmer Schmitt
Robert Shaw
Robert Lawrence Stouffer
William Mark Sunlin, with Honors
Robert Ethelston Twiggs
Robert Ivan Wilson, with Honors
Homer Howard Winter

In Engineering Physics

Henry Benjamin Hardy, Jr.
Van Olin Nicolai

In General Engineering

George Richard Goodzey
John Tyne Harmon
Herbert Stanley Kipnis
Harold F. Meyer, Jr.
Raymond Alexander Peters, with Honors

In Mechanical Engineering

William Major Alexander, Jr.
Lauri August Antilla
Harold Frederick Burgart
Roger William Caputo, with Honors
Charles Lester Carll
Robert Morris Cook
Frank James Cordera
Alfred Paul Coury
Robert Herman Cowan
Robert Dewey Dykes
William Everett Easterwood
Michael James Gallo
Francis Richard Giehl
Stuart John Johnson, with High Honors
James Cootey Kantor
Henry Richard Kulewicz
Arthur Arnold Leshin
Clark Albert Marsh
Francis Michael Mitch

HOWARD JOHN NELSON
CARL LEE RHODES
LESLIE EARL ROBY, with High Honors
RICHARD EUGENE SMARSTY
DALE CLARENCE SMITH, with Honors
CARL LEO SONNENSCHEIN
RAYMOND GLEN THORSON
ANTHONY ROBERT TIRONE
CEVDET SÜLEYMAN UZONUR
ROBERT JAMES WAGNER, with Honors
ANDREW CURTIS WHITE
BILLIE DEAN WOHLWEND
ROBERT LOUIS YUENGER
WILLIAM WALTER ZINK, JR.

In Metallurgical Engineering

HOLLIS PHILIP LEIGHLY, JR.
FRED LOUIS SIEGRIST, with High Honors

In Sanitary Engineering

MICHAEL VASIL SIVIK
WILLIAM HARRY SMITH

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

SHERWIN BURTON ABRAMS
HAROLD ASHER, with High Honors in Economics
THOMAS CARROLL BLOOMER
JOHN SIGLER BOEMAN
RITA TICHENOR BUSHYHEAD
FRANCES LAURA CAMPBELL
MARILYN CROUCH CARTER
DONALD HOLLAND CLARK
BOBBY DON CONNELLY, with Honors in Psychology
ARLENE GLORIA COOPER
MARIAN ESTHER CREMER, with High Honors in Psychology
MILDRED LOUISE CUTLER
OWEN JOHN DARLING
LEWIS LILBURN DOBBS
CARROLL WILLIAM ELLIOTT
BRUCE ALLAN FERRELL
DOROTHY JUDD FINCH
G. GEORGE FOX, II
EDMUND CARL HEINE, JR.
JAMES CLETIS HISE
WILLIAM CURTIS HISE
MARTHA LUCIEN JELLIFFE
JACK BERNARD JOELSON
CHARLES LESTER JOHNSON
HUBERT PRIMM JOHNSON
PATRICIA MERYL KENNETT
IRVING HICKS KENYON
ROBERT THOMAS KIRKPATRICK, with High Honors in English
ANN AUSTIN LAURENT
WINIFRED HAGSTROM LAWSON
LOIS ROSE LECHNER
MARY THERESE LEONARD
BERYL LICHTENSTEIN
ERNEST LILIENSTEIN
ROBERT JOSEPH LOMASTRO
ARTHUR ANDREW MAROZAS
JOHN STRATTON MARTHALER
MARGARET AMANDA MILLER
DWIGHT BOYD MITCHELL
LOUISE EVELYN MONSON
JAMES MICHAEL MURRAY
EUGENE ALEXANDER NELSON
HERBERT EUGENE ORENSTEIN
PAUL PABST
RAYMOND CASMIR PIECH
ROBERT GEORGE POHL
ALYDA RENE RATAJIK, with Honors in Zoology
MARY LEAH CLINE RICHARDS
CHARLOTTE ROSE ROBERTSON
DOLOROS ROSSI
ALEX MAX ROTER
HAROLD ALVIN ROTTER
NANCY HALL SANDS
EDWARD SCHNEIDER
ROBERT JAMES SCHREIBER, with Highest Honors in Psychology
DANISE JOAN SMITH
MARY LUCILLE THACKABERRY
THOMAS RUCKER TRAFTON, JR.
CORDELIA RYDER VICK
JAMES NIXON WHITWORTH
MARY AMANDA WILLIS
ROBERT ELWOOD WILSON

In the Teaching of English

PEARL RUTH SABATH

In the Teaching of Social Studies

ALDO VESPASIAN CAROZZA
WILLIAM JULIAN HOWE, with High Honors
ROBERT GENE HUGHES, with Highest Honors

Degree of Bachelor of Science

In Liberal Arts and Sciences

James McKitrick Blair
Gilbert Bogen
William E. Broberg, with High Honors in Psychology
Leland Loyal Cross
Dorothy Milliken Davenport
Vincent Lawrence Dlugos
Beverley Edelman
Merlin Junior Foster
Lucien Percy Garrett, Jr.
Jean Marie Geisler
Nelson Thomas Grisamore
James John Havel
Harold Leland Jacobson
Betty Lou Kemp
Reginald Kendall
Alice Stanello Kinkaid
Edwin Kissel, with Honors in Chemistry
Alvin Elmer Kleitsch
Helen Knezevich
Alice Harris Koren
Leonard Leemon, Jr.
Robert Finley McGregor
Norton Leonard Moise
David Gratiot Morris
Jane Marcus Podall
Leonard Allen Ridker
Hazel Ruth Rummer
Robert Schenke Russell
Marjorie Ann Sagraves, with High Honors in Psychology
Arthur Melvin Saltz
Harry Schiff
James Thomas Sellas
James Emery Southard
Ida Mansfield Stiner
Shirley Felsenthal Weinstein, with Honors in Physiology
Arthur Witt, Jr.
Robert William Zelenka

In Chemical Engineering

Norman David Gordon, with High Honors
Harry David Mueller, with High Honors
Harry Eugene Schilling
William Ambrose Streaker
Wen-Piao Sung, with Honors

In Chemistry

Kenneth Lawson Lindsay, with Highest Honors
Wayne Lloyd St. John
Edward Ervin Smissman, with Highest Honors
Ted Symon
William Walter Welsch, with Highest Honors

In Speech Correction

Robert Stewart Brubaker
Natalie Fisher, with High Honors
Julie Ann Kane, with Honors
Lois Jean Schlechter
Helen Louise Sieferman
Rosann Bugarsky Woodward

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

Alfred Otis Adams
Oscar Way Adams
Spencer Ardell Bullard
Edmund Osborne Butz
Everett Leslie Campbell
Isabelle Brown Carter
Duaine Louis Cunz
Wilna Jean Davis
Margaret Marie Dellatori
June White Driscoll
Raymond Gustave Erbes, Jr.
Aneta Mariet Guither
Marjorie Winn Harris
Lila Elaine Holmes
Irene Marie Jones
Jean Fowlie Kinzer
Verna Jacqueline McCorkle
Joan Peri Anderson Montor
Boneta Leigh Pitman
Wilna Lenora Powell
Ethel Ann Rottner
Myrla Jane Leach Sanders
Verna Bernice Setinz
Martha Root Smith
Wanda Marie Hemingway Wallace
Helen Louise Welles

In Home Economics Education

Dorothy Crabtree Rueff

In Industrial Education

SEYMOUR CORENSON
WILLIS JACOB MASEMORE
WARREN RUPPEL
CECIL GLENN SCHROEDER

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

WADE KENNETH ABBOTT
LLOYD DARRELL ATER
BRUCE HEATON BAILY
HERBERT HENRY BECK, JR.
GEORGE FRANCIS BOBBITT
JOAN ELIZABETH BORISKE, with High Honors
PAUL BRANDING, with Honors
JAMES EDWARD BRYAN
GEORGE LOWELL CASTOR
HOWARD SPENCER COHEN
ROBERT PHILIP COTTLE
THOMAS EDWARD CUNNINGHAM
JAMES HOWARD DELONG
JAMES ROBERT DEPAUW, with Honors
WILLIAM CHARLES DUFFY, with Honors
HAROLD GLENN ELLIOTT
DONALD LEE EVANS
JOHN WILLIAM FINCH
PHILLIP NORMAN FLEISHMAN
MELVIN VERNON FOERSTER
FRANCIS WILLIAM GILLEN
JULIUS GLASER
IRA HERBERT GOLDBERG
DONALD GEORGE GORDON
JAY BAKES GOSSETT, JR.
ORVAL HARRY GRABOWSKI
DONALD BERNARD GUINNANE
HERBERT EDGAR HUTCHISON, with Honors
HARRY JOSEPH JACOBS
DONALD EUGENE JEFFERS, with Honors
ALECK JUEL JOHNSEN
VERNON LEE JONES
ROBERT LEE KASPER
ARTHUR RAY KIEFER, with Honors
MARVIN BELL KORF
AXEL VAUGHN LARSEN
RICHARD FREDERICK LINDQUIST, with Honors
THANE ALFRED MAINS
KENNETH JOHN MCNAMARA
PHILIP AUGUST PEYROT
MILTON IRVING SABIN
JAMES BAYLES ST. JOHN
KENNETH RALPH SAYERS
DONALD AARON SILVERTRUST, with Honors
JACK FRANCIS SPENCER
ROBERT HENRY SUTER
ROBERT LEROY WELLS, with Honors
LUCIUS ARCHIE WILLIAMS, JR.

In Accountancy and Management

EVERETT LEROY CRUM

In Commerce and Law

CHARLES SYLVAN OZELL
PAYSOFF TINKOFF, JR.
WILLIAM HOWARD YOUNG

In Commercial Teaching

EDITH LILLIAN KINSINGER

In Economics

HOWARD THOMAS HENDREN
ZOLTAN KATO
HARVEY BARNETT ROSENBLOOM

In Industrial Administration

VICTOR BARBEE BUELL
WARREN BOYCE FLEMING
LEO PATRICK GIBBONS
JAMES WILLIAM ROBERTS
PATRICK HENRY SHARPE
ROBERT LOUIS STAUDER
DONALD PAUL STEURY, with Honors
WALTER WILLIAM STUMPE
JAMES ALLEN VERTIN

In Management

LESTER CHARLES ALTHOFF
SHELDON BERMAN
FREDIS EVELYN BURTON
IRVING ARDEN AXEL CARLSON
JOHN DOMINIC CASELLI
SIGEL CHESTER DAVIS
JOHN EDWARD DIVILBISS
DARREL DEWAYNE DROLSUM
DAVID MORTON ELLIS, JR.
CHANCY A. FINFROCK
WILBUR WILLIAM FINKLER, with Honors
GEORGE WILLIAM FISHER
FRANK NICHOLAS GAYESKI
MELVIN AUGUST GOFFINET
WARREN HAROLD HEWES
ROBERT HENRY HUSS, with Honors
HOWARD LEROY KING

William Thomas Lichtenwalter
Thomas Joseph Lyons
William Bernard McInerney
Harry Victor Mocnik
George Harley Nance
Harrison Emanuel Powell
Orville Reed Prosser
Alvin Lawrence Roegge
Charles Albert Schunk
Eugene Sidney Schweig
Charles Meyer Sternberger
Christian Eugene Trummel
Wayne Edwin Van Dyke
Lawrence Edward Viering
Bernard Irving Weinstein
William Sellar Young, Jr.

In Marketing

Arthur William Berger
Harold Eugene Briggs
David Cerda
James Robert Doster, Jr., with Honors
Clifford Joseph Ellison
John Fox Halvorson, with Honors
James Ferdinand Ingrish
Linda Lee Jaeger
William Joseph Jones
William Rudy Kohlsdorf
Arthur Edmond Konrad, Jr.
Edward William Krotz
Walter Michael Ross
Harold Saul Toppel
Jay Kenneth Torrey
Aratula Vedalakis
Herbert Lee Versen
Fred Claire White

In Marketing and Management

Delmar Eugene Grieser, with Honors
Ray Paul Hernacki, with Honors
Leo Rosenthal
Robert Edward Stenberg, with Honors
John Edward Vick

SCHOOL OF JOURNALISM

Degree of Bachelor of Science

In Journalism

Erwin Loren Aufdenkamp
Robert Donald Bischoff
Victor Richard Bohlman
Joyce Marguerite Corbett
Lorraine Louise Diers
Betty Lou Duncan
James Harold Feldman
Kenneth Marvin Freedman
David Friend
Wilbur Murray Fromm
Jack Romaine Grenz
John Raymond Harpster, Jr.
Jack Armstrong Harris
James Stevenson Hayward
Herbert Rees Heki
John Stevens Hunter
Jack Allen Jaffe
Helen Virginia Kasten
Vera Aloise Kratky
Joan Elizabeth Kuhns, with Honors
Ellen Josephine Lauder
Clement Francis Marley
Bernard Milgrom
Frank William Niesen
Constantine Dennis Orphan
Kenneth James Quirk
Donald Milward Robertson, Jr.
Albert Horace Rowe
Jack Lewis Schneider
Charles Lewis Scott
Oren Gray Sherman, Jr.
Harry Bernard Smith
Martin Harry Snitzer
George Fox Thoma
Paul Dewey Veatch, with Honors
Jack Wesley Vertrees
Elisabeth Springer Vogel
Robert Chandler Vogel
Carl William Wilson
Zena Zeman, with Honors

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architectural Engineering

Ivan C. Baucom, Jr.
Robert Carl Cohlmeyer
Knisely Dreher

In Architecture

Aaron David Freed, with Honors
Evans Folger
Clarence Thomas Jackson
Jeanette Ruth Jacobs
Donald Harold Knodle
Gerald Allen Perkins
Fred David Shellabarger, with Highest Honors

In Landscape Operation

LOUIS HENRY HUNLEY, JR.

In Music Education

JOHN ROBERT GRAHAM, with Honors
HAROLD WAYNE LEWIS
HAROLD FRANCIS LORENZ
FLOYD CLINTON MEAD
FRED VICTOR SIMON, with High Honors
JANE LOUISE STOCKWELL

Degree of Bachelor of Fine Arts

In Art Education

MARTHA JEAN KARNOPP, with Honors

In Industrial Design

CARL ROY GUSTAFSON

In Painting

JOAN RUTH FRINTZ, with Honors
BONNIE EVELYN JOHNSON
MARILY MIRTH PETERS

Degree of Bachelor of Music

JOAN HOLLYNE BENSON

SCHOOL OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

HARRY ANDES, JR.
LOIS LOVINGFOSS ARNHOLT
DOMINIC JOSEPH CALACCI
EBEN STEVENS CLEVELAND
CARL EDWARD GRAD
JAMES WIGHTMAN GURITZ
GERALD HUBERT JONES
ALAN WILDER METCALF, with Honors
RENE HERMAN ROCHELLE
OTTO AL STASI
WILLIAM ROBERT VERNON
RAY EDWARD WIES
ALBIN PAUL WOJNAROWSKI, with Honors
LESTER MILEN ZINSER

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

BERNARD LEO ABRAMS, with Honors
LEONARD DAVID ADLER
MILTON ALBERT
CHARLES WILLARD ALEXANDER
STANLEY ABEL ANDERSON
SAMUEL ANIKSTEIN
LEE FELIX AUBUCHON
ROBERT LEROY BAGG
SAMUEL LOUIS BANDY
ROBERT GENE BOBER
JOHN CARROLL BRADFORD
GEORGE CYRIL BREIDENBACH
NORMAN BROTMAN
FRANKLYN BURNS
ELLIOT CABRERA
OLIVER WILLIAM CAIRNS
THOMAS COXWELL CAMPBELL
RICHARD PETTIS CASHMORE
PAUL CURTIS CATION
ASHBY EDWARD CHALLY
CHARLES EDWARD CHAMBERS
ARTHUR ROWLAND CHENEY
ROBERT ELLSWORTH CLARK
ERWIN COHEN
ROBERT JACK COHEN
DONALD DENNISON COLT, JR.
BURLEIGH HERBERT COOPER, JR.
WENDELL EUGENE CRAWFORD
ALBERT WILLIAM CRUMP
ALBERT L. CULBERTSON, JR.
THOMAS JAMES DODO
STANLEY WILBUR DOUCETTE
JOCELYN FIELDING DOUGLAS, with High Honors
CHARLES THOMAS DUFFEY
LLOYD WILLIAM DUNNETT
GORDON STUART JAMES EATON
JOSEPH EISENBERG
HAROLD LAMOTTE EUSTICE
HAROLD EUGENE FLESNER
JOHN LEWIS FORBES
DONALD EDWARD FREIDAG
NORMAN DUGARD FRENCH, JR.
STEWART WALTER FREYBURGER
HILARY GLEN FRY
JESSE LEHMAN GARY, JR.
RAYMOND JOHN GASPER
CONSTANCE COURTOIS GILLEN

WALTER JOHN GODELAUSKY
DONALD GEORGE GRAF, with Honors
EARL DOUGLAS GRANGE
WILLIAM FRANK GREEN
LOUIS HOWARD HAGLUND, with Honors
CLIFFORD ROSS HALL, JR.
DUANE SMITH HALL
WILLIAM EDWARD HANFT
GEORGE MICHAEL HANS
JOSEPH LOUIS HARRANT
DAVID WILLIAMSON HAUCK
DONALD JONES HAY
WAYNE EDMUND HERR
JAY CRAWFORD HILL
ROBERT ALBERT HIRSCH
GEORGE VICTOR HOLMQUIST
EDWARD AARON HOUSE, JR.
SAMUEL MCKELVIE HUEY
GLENN ORRIN HUMPHREY
CHARLES JENKINS
FOSTER LEE JOHNSON
RICHARD RUSSELL JOHNSON
RONALD ARTHUR JOHNSON
ORWIN PROCTOR JOHNSTON, JR.
WARREN WILLIAM JOHNSTON
RICHARD JOSEPH JONES
BENJAMIN KALLIN
RONALD MYRON KARBAL
DONALD WILLIAM KARR
RICHARD EARL KRIGEL
JOHN ROGER KUHN
JOHN GRIFFITHS LAIRD
CHARLES MARTIN LARSON
ROBERT ALLEN LATHAM, JR.
FLOYD CHARLES LAUE
CLINTON DILLMAN LAUER
WELDA ALBERT LAURENT
DAVID GEORGE LAWSON
ELDON KEITH LEE
VERNON ELLSWORTH LEWIS
ROBERT STEPHEN MACDONALD
EDWARD JOSEPH MADDEN
JOHN WILLIAM MANIS
STANLEY RUSSELL MARKS, with Honors
RALPH PHILBROOK MAYALL
WARREN GILBERT MEIER
IRVING MELNIK
JAMES MOYE
JAMES HOWARD NEWMARK
EUGENE RICHARD NIGHTINGALE, JR., with Highest Honors
ROBERT ANTHONY NOVAK
WILLIAM BERNARD O'HERAN
HARRY JAMES PAPPAS
JOHN THOMAS POPE
GUY KING PATTERSON
ROBERT EDWARD PAULSON
ROSCOE CLARENCE POTTS
DAVID FRANCIS PRAY
SPENCER RECORDS QUICK
HOWARD WALDEN RAYMOND
DONALD CHARLES RYAN
JOHN ALEXANDER NORTHUP SANDERSON
DONALD FREDERICK SCHLOESSER
CHARLES DONALD SCHMIDT
HERBERT SCHNEIDERMAN
WALTER JOSEPH SEBO
HOWARD ALLEN SEIFER
ROBERT WILTON SHAFFER
BURTON JACK SHAPIRO, with Honors
EDWARD JEROME SHAW, JR.
DONALD EDWARD SHERIDAN
ROBERT RAY SIEFKEN
ROBERT LEON SMITH
ROBERT NORWOOD STIME
ROBERT FRANK THEISEN
ROBERT GEORGE THOKE
MELVIN TORCH
CARLETON TRIMBLE, JR.
RODGER NELSON TROXEL
IRVING WALTER TUNICK
GEORGE DANIEL VOLLE
FORREST EUGENE WILSON
NORBERT LEROY WILSON

CURRICULUM IN HEALTH EDUCATION

(Approved by the Board, page 79)

First Year

FIRST SEMESTER	HOURS
D.G.S. 111—Verbal Expression	4
Chem. 101 *or* 102—General Chemistry	5 or 3
D.G.S. 131—General Biology	4
P.E.M. 150—Professional Orientation	2
Physical Education	1
Military Science (for Men)	1
Total	15–17

SECOND SEMESTER	HOURS
D.G.S. 112—Verbal Expression	4
Chem. 132—Elementary Organic Chemistry	3
D.G.S. 132—General Biology	4
Hygiene 105—Personal and Environmental Hygiene	2
Physical Education	1
Military Science (for Men)	1
Total	15

Second Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Ed. 100—The American Public School	2	Psych. 100—Introduction to Psychology	4
Pol. Sci. 150—American Government	3	Hist. 152—History of the United States (1828-1948)	3
Physiol. 104—Physiological Anatomy	5	Physiol. 105—Physiological Anatomy	5
P.E.M. 160—Health Problems of School Children	3	Hygiene 110—Public Health	2
Humanities elective	2	Physical Education	1
Physical Education	1	Military Science (for Men)	1
Military Science (for Men)	1	Electives[1]	2
Total	17	*Total*	18

Third Year

Ed. 109—Educational Psychology	3	Ed. 240—Principles of Secondary Education	3
Bact. 104—Introductory Bacteriology	3	P.E.M. 218—Theory of Prescribing Exercises *or* P.E.W. 226—Theory of Individual and Remedial Gymnastics	3
Bact. 105—Introductory Bacteriology Laboratory	2	Home Econ. 120—Elementary Nutrition	2
Home Econ. 130—Introduction to Foods and Nutrition	2	Hygiene (*new*)—Physical and Health Inspection	2
P.E.M. 201—First Aid	2	P.E.M. 224—Driver Education	2
P.E.M. 202—Safety Education	2	Inspection Trip	0
Electives	2	Electives	4
Total	16	*Total*	16

Fourth Year

Ed. 241—Technic of Teaching in the Secondary School	3	P.E.M. 205—Tests and Measurements in Health, Physical Education, and Recreation *or* P.E.W. 208—Tests and Measurements	3
Ed. Practice (*new*)—Health Education	5	P.E.M. 220—Organization of School Health Programs *or* P.E.W. 228—School Health and First Aid	3
S.W.A. 220—Introduction to Social Work	3	Ed. 334—Child Development	3
Psych. 283—Psychology of Adjustment	3	S.W.A. 221—Child Welfare	3
Electives	2	Electives	3
Total	16	*Total*	15

PURCHASES

A. Purchases Recommended

Item	*Department*	*Vendor*	*Cost*
One 9 KC oscillator for experimental work with sound waves	Biological Chemistry (Medicine)	Raytheon Manufacturing Co., Boston, Mass.	$1 10 000 f.o.b. Waltham, Mass.
Thirty-two 36" oak tables; 128 oak arm chairs for the Faculty Grill	Chicago Illini Union	E & I Cooperative Service, Inc., Chicago	3 312 00
18,000 lbs. soft paste, all purpose white lead	Physical Plant	Glidden Co., Chicago	4 230 00
25,000 copies, 208 pages of pamphlets on agricultural subjects	Agricultural Administration	Schnepp & Barnes, Springfield	10 790 00

[1] Students are required to complete one teaching minor consisting of a minimum of 16 hours.

Item	*Department*	*Vendor*	*Cost*
Twenty-one 16 mm. black and white sound motion picture films; four 16 mm. color sound motion picture films	Visual Aids Service	United World Film, Inc., N.Y.	1 429 34
Twenty-two 16 mm. black and white silent motion picture films; 104 16 mm. black and white sound motion picture films; 20 16 mm. color sound motion picture films	Visual Aids Service	Encyclopaedia Britannica Films, Inc., Wilmette	6 926 31
Seventy-one 16 mm. black and white sound motion picture films; nine 16 mm. color sound motion picture films	Visual Aids Service	Coronet Instructional Films, Chicago	3 998 75
One gas booster pump, motor for pressures up to 30,000 P.S.I.	Chemistry	American Instrument Co., Silver Spring, Md.	1 065 00 f.o.b. Silver Spring
5,000 8½"x11" blue leather diploma covers	Office of Admissions and Records	W. M. Welch Diploma House, Chicago	7 900 00
One 2H Kearney & Trecker universal Milwaukee milling machine with accessories; one midget mill	Mechanical Engineering	Kearney & Trecker Corp., Milwaukee, Wis.	7 492 00 f.o.b. Milwaukee
Installation of acousti-celotex on the ceiling of corridors in University High School	Physical Plant Storeroom	Hugh J. Baker & Co., Decatur	2 494 00
5,000 ft. 2/C No. 6 A.W.G. standard type RLJFJ, 600 volt N.E.C. cable	Physical Plant Storeroom	General Electric Supply Corp., Chicago	1 783 20
One No. 221 Arcade heavy duty jolt molding machine	Mechanical Engineering	Arcade Mfgr. Div., Rockwell Mfgr. Co., Freeport	1 389 75 f.o.b. factory
One 60,000 lb. hydraulic universal testing machine	Mechanical Engineering	Tinius Olsen Testing Machine Co., Philadelphia, Pa.	3 138 00
One No. 20CSM plain Milwaukee milling machine	Mechanical Engineering	Kearney & Trecker Corp., Milwaukee, Wis.	9 439 00
500 tons Wright's residue super phosphate to be delivered and spread on Allerton Farms, Monticello	Agricultural Economics	Wright Fertilizer Co., Champaign	7 500 00 delivered and spread on Allerton Farms
One tool-type Homo tempering furnace equipment No. 9462-U15-2 with instrument panel, contactor cabinet; one No. 20901-R-2076 Model C Micromax indicating controller; one EF-101 basket with mesh screen	Mechanical Engineering	Leeds and Northrup Co., Chicago	1 230 17
One set of viols, consisting of two descants or trebles, two tenors, one base and chest for these instruments	Music	Thomas Smith, Cleveland, Ohio	3 000 00
20,000 reams 8⅜ x 10⅞ substance 16 lb. No. 4 white sulphite mimeo bond paper	Office Supply Store; Extension Service in Agriculture and Home Economics	Decatur Paper House, Decatur	10 780 00
One 6"x18" Norton surface grinder	Mechanical Engineering	Norton Co., Chicago	2 587 00 f.o.b. Worcester, Mass.
One 10" single wheel Oliver template tool bit grinder	Mechanical Engineering	Marshall & Huschart Machinery Co., Chicago	2 200 00 f.o.b. Adrian, Mich.
One model 1250 AM duplicator	Division of University Extension	Multigraph Sales Agency, Peoria	1 589 40
250 to 300 Western feeder lambs, choice grade	Animal Science	To be selected by Professor W. G. Kammlade	Approximately 5 000 00
One group of electronic assemblies	Physics	University of Chicago	2 375 00

B. Purchases Authorized by the President of the University

Item	*Department*	*Vendor*	*Cost*
83 steers	Agricultural Economics	Chicago Producers Commission Assn., Chicago	6 901 74
36 steers	Agricultural Economics	J. P. Brennan Co., Kirkland	4 540 50
One KB 6 International truck 176″ wheelbase, cab and chassis, 5-speed transmission	Agricultural Administration	Power Farm Implement Co., Champaign	2 275 45
10,000 reprints of Better Farming. A series of lesson units prepared by Vocational Agriculture Service, approximately 332 pages a unit	Agricultural Administration	Williamson Press, Inc., Springfield	6 795 00 f.o.b. Springfield
One kilo l-glutamic acid; 500 grams l-leucine; 3 kilos l-lysine monohydrochloride; 2 kilos dl-methionine; 300 grams l-tryptophane; 2 kilos dl-phenylalanine; 4 kilos dl-valine	Chemistry	Interchemical Corp., Union City, N.J.	1 450 00
1,000 grams l(-)-leucine; 3,000 grams dl-iso-leucine; 1,500 grams dl-threonine; 500 grams dl-tryptophane	Chemistry	Merck Co., Inc., Rahway, N.J.	2 175 00
One Leitz research petrographic microscope model "CM" (complete)	Geology	W. H. Kessel & Co., Chicago	1 302 00
Lumber for use in construction of headquarters building at northern Illinois experimental field, De Kalb County	Agricultural Engineering	Alexander Lumber Co., Shabbona	2 459 11
One Ozalid Print Master continuous black line printer complete with roll up device on rear of machine	Photography	Ozalid Division, General Aniline & Film Corp., Chicago	5 750 00 f.o.b. Johnson City, N.Y.
170 student lockers 15″ x 24″ x 72″ with 6″ leg, open base, assembled in average groups of four	Dental Administration	Berger Manufacturing Co., Chicago	2 589 10 plus I.R.O.T.
60 yearling steers	Animal Science	Representative of Animal Science Department to negotiate for the purchase	Approximately 12 000 00
Six No. 42AC Spencer microscopes; 3 No. 23LF ditto; 3 No. 26LF ditto	Geology	W. H. Kessel & Co., Chicago	5 819 70
Three 42BC Spencer microscopes, polarizing, complete with cases; three 420 micrometer eyepieces, 5 mm. scale	Ceramic Engineering	W. H. Kessel & Co., Chicago	1 732 05
550 36″ x 75″ innerspring mattresses	Residence Halls	Dodge-Dickinson Co., Bloomington	8 668 00
One air-conditioning unit to be installed in Infra-Red Laboratory, 204 Electrical Engineering Lab., and which is essential to the work done in this laboratory	Electrical Engineering	Westerlin & Campbell Co., Chicago	2 248 00

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED JULY 11 TO SEPTEMBER 10, 1948

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
Veterans Administration	Vocational rehabilitation training July 1, 1947, to August 14, 1948, at Urbana Speech Clinic	Cost plus 10%	July 1, 1947
U. S. Army Air Force	Study of an electrical network analogue for antennae	$37 823 00 maximum	May 18, 1948
Navy Department, Office of Naval Research	Study of fixed point sets for nonlinear operators	4 050 00	May 18, 1948
U. S. Army	Provide correspondence courses for military personnel July 1, 1948, to June 30, 1949	Fees plus .85 a lesson for services	July 1, 1948

Leases Executed Under General Regulations of the Board of Trustees

With Whom	*Property*	*Amount to be Paid to the University*	*Date*
L. N. Ridenour	508 S. Ridgeway, Champaign	$100.00[1] a month	August 5, 1948
S. S. Hamilton	59 E. Armory, Champaign	$50.00[1] a month	August 5, 1948
Ray H. Simpson	1210 W. Oregon, Urbana	$75.00[1] a month	August 5, 1948
Benjamin McMains	57 E. Armory, Champaign	$55.00 a month July and August, 1948; $60.00 a month September 1, 1948, to August 31, 1949	July 22, 1948
J. L. Page	1116 W. Illinois, Urbana, First floor apartment	$70.00[1] a month	August 5, 1948
Wilbur Schramm	608 W. Church, Champaign	$90.00[1] a month	July 28, 1948
G. W. Salisbury	1003 W. Nevada, Urbana, Second floor apartment	$50.00[1] a month	July 29, 1948
Elmer Spencer	Small house on the Percival farm	$15.00[1] a month	July 30, 1948
L. E. Tate	1207 W. Stoughton, Urbana	$35.00[1] a month	July 30, 1948
Howard R. Bowen	601 Haines Boulevard, Champaign	$100.00[1] a month	

AWARD OF CERTIFICATE OF CERTIFIED PUBLIC ACCOUNTANT

Robert Lee Baker
Albert Francis Billings
Theodore Woodward Blegen
H. Edward Breen
Paul Briggs
Gerald Aloysius Bryan
Godfrey Francis Burkhardt
Maurice Edward Burns
Harvey George Carne
John Francis Cerny
Philip Charam
Paul Rundell Cole
Don Gilbert Coumbe
William Alva Crews, Jr.
John William Cundiff
Richard Raymond Davis
John Raymond Doody
James Patrick Doyle
Irving Draznin
Thomas Emanuel DuBois
John Edward Dwyer
John Robert Ecker
Delford William Edens
Robert William Eilers
Richard Henry Eisenstaedt
Glen Jensen Evans
Manuel Nathan Finkelstein
Robert Aloysius Foos
Edward Mederic Fortin
Emory Clark Gaffney
Donald Everett Garretson
William Thomas Gibbs
Roger Lyman Goettsche
Charles Edmond Green
Harold Greenberg
Paul Gregory
Henri Bachrach Grier
Edward Meredith Hagen
Harold Halpern
Walter Charles Hamann
Herbert Warren Hanock
Leon Edward Hay
Theodore Jacob Hermann
Theodore Herbstman
Richard Lee Hitchcock
Maurice Hoffman
Herbert Ray Holmsten
Mary Louise Hough
Conrad Berger Howard
Edward J. Hutchens
Irvin Jacobs
Warren Harding Johnson
Charles Forsyth Johnston
Louis Hampton Jordan
Paul Theodore Jorgensen
Richard Vandegrift Julian
Bernard Karey
Earl Marvin Kaufman
Arthur Clinton Keast
Ralph V. Kerwin
Lawrence Burrell Kinports, Jr.
George Richard Kraft
Ralph Edward Lancaster
Cecil Albert Larimore
Russell Jay Lasher
Donald Edward Lawrence
Duncan Egger Lennon
William Henry Lenz
Marshall Bert Leven
Richard Lewis
Sylvia Therese Lileikis
Dorothy Albietz Litherland
Lloyd Edward Livingston
Gilbert Lynn
James Edward Madigan
Robert Albert Maisner
Robert Joseph Mallon
Vincent Roger Maranto

[1] Terminates August 31, 1949.

CLYDE DONALD MASON
KENNETH JAMIESON MCBRIDE
WILLIAM EDWARD MCFARLAND
ROBERT ARRAS MEIER
GEORGE BERNARD MICHELSON
WALTER AUGUST MILLER
DAVID LESTER MITCHELL
LESTER THOMAS MOATE
MELVIN BERNARD MONASEE
WILLIAM JOHN MOORE
WILLIAM JOSEPH MORGAN
WILFRED ARTHUR MULLER
DONALD WOODARD MULLINER
HARVEY PHIL NACHENBERG
ARTHUR NEWMAN
WILBUR DILLON NEWMAN
WILLIAM JOSEPH O'SHEA
JOHN WILLIAM OSTREM
ROBERT LAWRENCE PANCOAST
ROBERT CATERSON PARK
BENJAMIN PASS
VIRGIL VORMSBURG PEDERSEN
PAUL PERNECKY, JR.
FREDERICK WARD PONSOR
JOSEPH W. PRACHT
WALTER JAMES PRISBY
JAMES MARTIN QUINLIVAN
MERLON FOSS RICHARDS
ERWIN ROSS RIDGE
VINCENT J. ROMBS
ISRAEL F. ROTH
QUENTIN EDWARD SAMUELSON
FRED HAROLD SCHILDT
EDWARD ARTHUR SCHWARTZ
NORMAN DONALD SHAPIRO
CHARLES DANFORTH SHEDD
FRANCIS JOHN SPEYER
LAWRENCE ELDON STEVENSON
DURWOOD DEAN STRANG
JOHN RUSSEL SUNDERLAND
ARTHUR THEOFIL SWIECZKOWSKI
FRANK YASUSHI TAKAHASHI
ALEXANDER ROBERT THOMSON
WILLIAM EDWIN TOPEL
CHARLES TRENT TURNER
RILEY NOAH VANMETER
BERNARD HENRY WAHLEN
CHARLES RICHARD WALKER
VERDUN A. WATTS
LESLIE THOMAS WELSH, JR.
RICHARD DEAN WHITE
HAROLD WILLIAMS
ERMIN JEROME WINDSCHILL
FREDERICH HERBERT WINTER, JR.
WILLIAM JOHN WOLF
GORDON ROGER WORLEY
ELSIE OLIVE YOTTER
EVERETT THEODORE YUST
CHARLES ZLOTNIK
ROBERT JOHN ZOLAD

The Committee on Accountancy also recommends the following persons be awarded certificates under Section 5 of the Accountancy Act of 1943:

RALPH F. CURRY (MO.)
FRANZY EAKIN (MO.)
JOHN J. LANG (MO.)
EUGENE FRANCIS MCMANUS (N.C.)
ARTHUR ROLLA WADE (MO.)

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

October 21, 1948

The October meeting of the Board of Trustees of the University of Illinois was held at 9:30 a.m. on Thursday, October 21, 1948, at the Illini Center, in the LaSalle Hotel, in Chicago, according to the following schedule:

9:30 a.m. — Executive session as in Committee of the Whole.

4:30 p.m. — Open session.

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

President Stoddard was present; also Vice-President A. C. Ivy, Provost C. R. Griffith, Assistant to the President A. J. Janata, Secretary H. E. Cunningham, Treasurer I. L. Porter, Comptroller Lloyd Morey, Legal Counsel W. E. Britton; and, during part of the day, Mr. Newton C. Farr and Professor W. C. Huntington, Chairman of the Building Program Committee.

EXECUTIVE SESSION

MATTERS PRESENTED BY PRESIDENT STODDARD

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

CHICAGO HOUSING PROJECTS

(1) I have asked Dr. Ivy and Mr. Farr to be present to discuss the status of housing projects in the medical district.

Dr. Ivy stated that it was important that the Board act on these matters as soon as possible. Mr. Farr outlined the four projects for student and staff housing in the area. He stated that the plan for the Urbana staff housing project had been chosen instead of the plans used by the Illinois Institute of Technology. Mr. Farr recommended, in view of the requirements to obtain a loan for construction, that a lease of any part of the land on which the housing project was to be built was not acceptable, and that the land should be purchased from the Medical Center Commission. Mr. Farr recommended also that a contract for architectural services be made with Skidmore, Owings, and Merrill (for action, see page 145).

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

Whereas, the University of Illinois and the University of Illinois Foundation are now contemplating the acquisition of land from the Medical Center Commission for the purpose of erecting thereon an apartment building in the Medical Center District for the use of students and staff of the University of Illinois; and

Whereas, the Medical Center Commission has proposed that its conveyance of land to the University or to the Foundation take the form of a long-term lease by the Medical Center Commission to the University of Illinois or to the University of Illinois Foundation instead of a conveyance in fee simple; and

Whereas, it is deemed objectionable by the University that any building intended for its use, whether the title to the land and building is to be held by the University directly or indirectly through the University of Illinois Foundation, be erected on land leased to the University or to the Foundation,

Therefore, Be It Resolved, that it is hereby declared as a matter of general policy, and with particular reference to the proposal of the Medical Center Commission to lease land for building purposes to the University or to the University of Illinois Foundation, that land to be so acquired by the University or by the University of Illinois Foundation for University building purposes from the Medical Center Commission or other persons shall be acquired in fee simple only, subject only, in the case of the Medical Center Commission, to statutory limitations.

REPORT OF THE EXECUTIVE COMMITTEE

Employment of William H. Butterfield as Manager of the University of Illinois Foundation

(2) Several months ago Mr. Frank E. Bell submitted his resignation as Manager of the University of Illinois Foundation effective July 1, 1948, in order to accept a position at Williams College.

After interviewing a number of candidates for this position, officers of the Foundation and the President of the University selected Mr. William H. Butterfield, Vice-President of DePauw University. By authority of the Directors of the Foundation and with the approval of the President of the University, he has been appointed Manager effective October 15, 1948.

In discussing the terms of his employment it was agreed by the officers of the Foundation and the President of the University that Mr. Butterfield should receive a salary of $12,000 a year, the Foundation paying $7,500, and the University paying $4,500 for special services to be assigned him by the President of the University.

The Executive Committee of the Board of Trustees has authorized this appointment, so far as the University is concerned, and recommends that the Board assign $4,500 a year from the budget reserve for this position.

This report was received for record.

EMPLOYMENT OF SPECIAL COUNSEL

(3) The Legal Counsel has requested authority to employ outside counsel to assist him in the preparation for and trial of cases now pending and to help in work on the appeal of these cases to the Supreme Court, if necessary, and to handle negotiations in an effort to settle out of court the controversy with the Warner Construction Company.

There are four cases pending in Cook County. Another one is soon to be started. One case is pending in De Kalb County, one in Piatt County, and one in Champaign County. One case from Champaign County has reached the Supreme Court, briefs are to be written, one case is in the Court of Claims and one is before the Illinois Commerce Commission.

The bulk of the work of the Legal Counsel's office concerns the review and approval of contracts, the handling of claims for compensation under the Workmen's Compensation Law, the writing of legal opinions, and conferences on the legal aspects of various kinds of transactions.

I recommend that the Legal Counsel be authorized to employ outside counsel in these and similar cases, as they arise, subject to the approval of the Board of Trustees.

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

EMPLOYMENT OF REAL ESTATE NEGOTIATOR

(4) At the meeting of the Board of Trustees on September 23, 1948, a question was raised about the broker employed in the purchase of real estate properties.

The Board of Trustees on March 13, 1945 (Minutes, page 413), authorized the employment of Mr. Sidney B. Trelease as a negotiator in the acquisition of properties. Champaign-Urbana real estate brokerage fees are 5 per cent of the first $10,000 and 2 per cent of the balance. Mr. Trelease offered to serve as negotiator at a flat rate of $250 a parcel of property.

During the past two years the University has purchased a number of residence properties for faculty housing. The negotiations for the acquisition of these properties were carried on as follows:

I. Properties negotiated by Mr. Sidney B. Trelease:

Property	*Former Owner*
1108 West Green	William F. Schulz
1001 West Nevada	Chester W. Richards
608 West Church	Lloyd Wise
709 West Michigan	Warren A. Ruth

Mr. Trelease was paid by the University $250 for his services in each of these negotiations.

508 Ridgeway	Leland Haworth
206 West Vermont	G. LeRoy Porter
305 North Prospect	Ruth Rockwood

Mr. Trelease was paid a brokerage fee by the sellers of these properties.

II. Negotiations conducted by the former owners, no commissions being paid:

Property	*Former Owner*
302 West Vermont	William Habberton
407 West Washington	Edwin Park
207 West Washington	R. D. Carmichael
301 West Pennsylvania	Robert Thompson
701 West Delaware	Charles E. Odegaard
710 Indiana	Gordon Phillips
1116 West Illinois	Munice O. Bachman

III. Negotiations conducted by real estate brokers other than Mr. Trelease representing the former owners:

610 Haines	Robert Patterson
601½ East Springfield	Elmer and June M. Melchi

This report was received for record.

ACADEMY FOR UNITED STATES AIR FORCE

(5) United States Air Force authorities are preparing plans and enabling legislation for the establishment of an Air Force Academy similar to the service academies at West Point and Annapolis. It is anticipated that an interim academy will be established to operate on a small scale with approximately 200 to 300 cadets before completion of the Air Force Academy at its permanent site.

I have invited the authorities of the Air University at Maxwell Field, Alabama, who are preparing the plans for the Air Force Academy, to establish the interim academy at the University of Illinois. I request that the Board confirm my action and also authorize officials of the University to carry on the negotiations with United States Air Force officials if the latter will consider the offer.

On motion of Mr. Davis, the action of the President of the University was confirmed and he was authorized to do everything possible to secure the establishment of this academy at the University of Illinois.

REQUEST FROM PRESIDENT OF THE UNIVERSITY FOR A LEAVE OF ABSENCE

(6) The Third Session of the General Conference of the United Nations Educational, Scientific and Cultural Organization will meet in Beirut, Lebanon, from November 17 to December 11. I have been appointed one of the United States delegates to this session. I am also the American member of the Executive Board of UNESCO which will meet in Istanbul November 11 and 12 through the Beirut sessions.

I request a leave of absence with adjusted salary from November 6 to December 14, 1948.

On motion of Mr. Williamson, this leave was granted, on the terms requested.

BIENNIAL BUDGET FOR 1949-1951

(7) I present my recommendations for the biennial operating budget of the University of Illinois for the two years beginning July 1, 1949, covering all funds for which appropriations are made by the General Assembly. This estimate is submitted as the proposed basis for the budget to be filed with the Department of Finance by November 1, 1948, as required by law.

Several months ago, deans, directors, and general administrative officers were requested to submit estimates of needs for the coming biennium. These estimates were assembled and carefully studied in the offices of the Provost and the Comptroller. They were then submitted to the University Council for discussion.

After a review of these estimates and consideration of the problems of the next biennium as set forth below, I recommend a total operating budget for 1949-1951 of $72,271,742. Of this amount, the sum of $56,271,742 would come from tax funds of the State and the sum of $16,000,000 from the University's own income.

For the 1947-1949 biennium, the total was $60,083,818, with $17,000,000 derived from the University's own income deposited in the State Treasury. The reduction of this item is related to the decrease in the number of veterans. From State tax funds, the present appropriation is $43,083,818.

The increase of $12,187,924 is needed for the following purposes:

	Per Year	*Biennial Total*
For Academic Staff Additions	$ 713 015	$ 1 426 030
For Nonacademic Staff Additions (salary and wage staff)	468 056	936 112
Total Staff Additions	(1 181 071)	(2 362 142)
Salary and Wage Increases (increases in rate of compensation):		
Academic and Administrative Staff	1 491 623	2 983 246
Nonacademic Salary and Wage Staff	888 222	1 776 444
Total Salary and Wage Increases	(2 379 845)	(4 759 690)
Expense and Equipment (recurring)	622 425	1 244 850
University Retirement System	395 710	791 420
Nonrecurring Equipment	401 786	803 572
Total Increase Over 1948-1949 Budget	$4 980 837	$9 961 674

Increase Necessary to Continue Present Internal Budget to Next Biennium Due to the Fact That the 1948-1949 Budget Exceeds One-half of the Biennial 1947-1949 Appropriation	1 113 125	2 226 250
Total	$6 093 962	$12 187 924

The tentative distribution of this increase by location is as follows:

	Per Year
Urbana-Champaign including state-wide extension and other services	$3 384 776
Chicago Professional Colleges	818 037
Chicago Undergraduate Division	275 681
Galesburg Undergraduate Division	106 633
University Retirement System	395 710
Total Increase Over 1948-1949 Budget	$4 980 837

The foregoing figures do not include, in either biennium, the budget of the Division of Services for Crippled Children, appropriations for which are made to the University (see page 145).

SCHEDULE A

Biennial Budget for 1949-1951

Summary of Increases by Location[1]

	Internal Budget 1948-1949	*Increase Requested*[2]	*Total Budget Requested*
Educational and General:			
Urbana-Champaign	$18 366 083	$ 3 384 776	$21 750 859
Chicago Professional Colleges	5 492 837	818 037	6 310 874
Chicago Undergraduate Division	2 495 519	275 681	2 771 200
Galesburg Undergraduate Division	1 301 136	106 633	1 407 769
University Retirement System	394 099	395 710	789 809
Total Educational and General	(28 049 674)	(4 980 837)	(33 030 511)
Auxiliary Activities and Other Non-educational	3 105 360	.....	3 105 360
Total Annual Budget	$31 155 034	$ 4 980 837	$36 135 871
	×2	×2	×2
Total Biennial Budget	$62 310 068[3]	$ 9 961 674	$72 271 742

Summary by Fund

	State Appropriation 1947-1949	*Increase Requested*	*Appropriation Requested 1949-1951*
General Revenue Fund	$43 083 818	$13 187 924	$56 271 742
Income Fund	17 000 000	−1 000 000	16 000 000
Biennial Appropriation	$60 083 818[2]	$12 187 924	$72 271 742

[1] All figures are on annual basis except totals and summary by fund.
[2] Distribution by location is subject to adjustment within the total.
[3] 1948-1949 budget is in excess of one-half of the biennial appropriation by $1,113,125, or $2,226,250 on a biennial basis.

SCHEDULE B

BIENNIAL BUDGET FOR 1949-1951
SUMMARY OF INCREASES BY OBJECT[1]

	Budget 1948-1949	*Increase Requested*	*Total Budget Requested*
Staff:			
Academic Staff	$14 104 963	$ 713 015	$14 817 978
Nonacademic Staff	4 328 116	268 164	4 596 280
Wage Staff	4 172 946	199 892	4 372 838
Sub-total	(22 606 025)	(1 181 071)	(23 787 096)
Salary Increases:			
Academic Staff	.....	1 491 623	1 491 623
Nonacademic and Non-prevailing Wage Rate Groups	.....	647 251	647 251
Prevailing Wage Rate Groups	.....	240 971	240 971
Total Salary and Wage Rate Increases	.....	(2 379 845)	(2 379 845)
Expense and Equipment (recurring)	5 049 550	622 425	5 671 975
University Retirement System	394 099	395 710	789 809
Total Recurring Budget	(28 049 674)	(4 579 051)	(32 628 725)
Nonrecurring Equipment	.....	401 786	401 786
Total, Educational and General	$28 049 674	$4 980 837	$33 030 511
Auxiliary Activities and Other Noneducational	3 105 360	.....	3 105 360
Total Annual Budget	$31 155 034	$4 980 837	$36 135 871
	×2	×2	×2
Total Biennial Budget	$62 310 068	$9 961 674[2]	$72 271 742

[1] All figures are on an annual basis except totals.

[2] 1948-1949 budget is in excess of one-half of the biennial appropriation by $1,113,125, or $2,226,250 on a biennial basis.

SCHEDULE C

BIENNIAL BUDGET FOR 1949-1951

TENTATIVE DISTRIBUTION OF INCREASES REQUESTED[1]

	Urbana-Champaign Departments	*Chicago Professional Colleges*	*Chicago Undergraduate Division*	*Galesburg Undergraduate Division*	*Total*
Staff Additions:					
Academic — 164 persons Urbana; 18 Chicago Professional; 5 Chicago Undergraduate	$ 614 575	$ 77 590	$ 20 850	.....	$ 713 015
Nonacademic — 85 persons Urbana; 26 Chicago Professional; 4 Chicago Undergraduate	191 184	68 080	8 900	.....	268 164
Wages — Includes 35 persons Urbana and 25 Chicago Professional; remainder for additional student, temporary, and irregular help (approximately 15 full-time equivalent)	142 413	56 679	800	.....	199 892
Total Staff Additions	(948 172)	(202 349)	(30 550)	.....	(1 181 071)
Salary Increases:					
Academic — To provide a general adjustment on a merit basis	1 156 364	157 955	123 158	$54 146	1 491 623
Nonacademic Salary and Non-prevailing Wage Rates — To provide a general adjustment on a merit basis	306 403	228 837	64 307	47 704	647 251
Prevailing Wage Rates — Estimated amount required to meet increases in prevailing wage rates	176 608	29 444	19 548	15 371	240 971
Total Salary and Wage Rate Increases	(1 639 375)	(416 236)	(207 013)	(117 221)	(2 379 845)
Expense and Equipment (recurring) (averages 12% over present budget)	433 029	165 126	37 058	−12 788	622 425
University Retirement System	395 710	.....	.....	.....	395 710
Total Recurring Increases	$3 416 286	$783 711	$274 621	$104 433	$ 4 579 051
Nonrecurring Equipment	364 200	34 326	1 060	2 200	401 786
Sub-total	$3 780 486	$818 037	$275 681	$106 633	$ 4 980 837
Increase necessary to continue present internal budget through next biennium					1 113 125
Total Increase on an Annual Basis					$ 6 093 962
					×2
Total Increase for the Biennium					$12 187 924

[1] All increases are on an annual basis except total. Distribution by location is subject to adjustment within the total.

President Stoddard, Provost Griffith, and Comptroller Morey discussed the proposed budget presenting detailed explanations of all increases recommended. A formal document explaining in detail the increases was sent to the Board of Trustees in advance of the meeting and a copy is on file with the Secretary of the Board.

During the discussion of this budget, Dr. Meyer took his place with the Board.

On motion of Mr. Livingston, the biennial operating budget was unanimously approved as presented, to be filed as a tentative biennial budget under the State Finance Act, and the President of the University and the President of the Board were requested to take charge of the matter from now on.

STATEMENT BY REPRESENTATIVE JOHN K. MORRIS

At this point, the Honorable John K. Morris, Representative from the Twelfth District, was introduced. Mr. Morris urged that provision be made for housing the College of Veterinary Medicine and the Department of Home Economics as soon as possible.

The Board continued its consideration of matters presented by the President of the University.

CAPITAL EXPENDITURES BUDGET FOR 1949-1951

(8) I am recommending a capital expenditures appropriation for the 1949-1951 biennium for the Urbana campus of $36,855,000 and for the Chicago Professional Colleges of $26,210,000, a biennial total of $63,065,000 (Schedule A).

As an example of the need for long-range planning, a total of $38,370,000 (Schedule B) of capital expenditures for both Urbana and Chicago is required immediately after the proposed 1949-1951 program. The recommendations also show further needs for later biennia (Schedule C).

Professor W. C. Huntington, Chairman of the Building Program Committee, reviewed the work of the Committee in preparing the request and discussed the proposals in detail. The complete report of the Building Program Committee was sent to the Board of Trustees in advance of the meeting and a copy is on file with the Secretary of the Board.

SCHEDULE A

BUILDING PROGRAM FOR URBANA AND CHICAGO CAMPUSES
RECOMMENDED BY THE BUILDING PROGRAM COMMITTEE
FOR THE 1949-1951 BIENNIUM

October 11, 1948

Estimates, chiefly by Holabird and Root and Burgee, Architects, are based on floor areas recommended by the Committee and include allowances for furniture, laboratory equipment, landscaping, etc., by Physical Plant Department. However, appropriations will control floor areas. Order of listing has no significance.

URBANA CAMPUS

Project No.	*Project*	*Estimated Cost*
1	Biology Building — First Unit	$ 5 300 000
2	Chemistry Building Equipment	400 000
3	Architecture Building Addition	1 900 000
4	Animal Science Laboratory	2 500 000
5	Agricultural Engineering Building Improvement	220 000
6	Minor Agricultural Structures	240 000
7	Veterinary Medicine — Science Unit	1 800 000
8	Physics Laboratory Addition and Repowering	1 500 000
9	Law Building	2 300 000

10	Educational Laboratories:	
	Elementary Division — First Unit	1 100 000
	Psycho-Educational Clinic Division	700 000
11	Journalism and Communications Building — First Unit	1 100 000
12	Band Building	585 000
13	Library Addition	660 000
14	Hospital Addition	700 000
15	Addition to Armory for Naval Science	700 000
16	Student and Staff Housing	5 000 000
17	Building Remodeling and Improvement	1 800 000
18	Fire Station	250 000
19	Power Plant Addition	3 500 000
20	Distribution System	3 300 000
21	Land	1 300 000
	Total for Urbana Campus	$36 855 000

CHICAGO CAMPUS

22	Hospital Addition	$ 8 900 000
23	Dentistry, Medicine, and Pharmacy Building — Second Unit	6 000 000
24	Experimental Research Station	1 300 000
25	Drug Plant Research Station	650 000
26	Nurses Residence Hall	1 600 000
27	Power Plant and Distribution System	6 400 000
28	Building Remodeling and Improvement	620 000
29	Land	740 000
	Total for Chicago Campus	$26 210 000
	Privately Financed Housing:	
	Student Residence Hall — First Unit	(2 200 000)
	Staff Apartments	(1 800 000)
	TOTAL FOR URBANA AND CHICAGO CAMPUSES	$63 065 000

SCHEDULE B

PRIORITY GROUP AA

The call for projects referred to the 1949-1951 biennium. However, it was only possible to include a portion of the most urgent projects in the recommendations for that biennium. For that reason the priority group AA was established. Several of these projects are of almost the same degree of urgency as those included in the recommendations for the 1949-1951 biennium. Order of listing has no significance.

URBANA CAMPUS

Addition to Chemistry Building for Organic Chemistry	$4 600 000
Music Hall Addition	1 100 000
Food Technology Laboratory — First Unit	1 100 000
Minor Agricultural Structures	240 000
Veterinary Medicine Clinic and Hospital Unit	2 600 000
Engineering Library Addition	540 000
Educational Laboratories — Secondary Division	3 200 000
University Press	730 000
Huff Gymnasium Addition	630 000
Library Addition	1 300 000
Receiving Station and Warehouse	160 000
Student and Staff Housing	5 000 000
Building Remodeling and Improvements	3 400 000
Physical Plant Service Building	1 100 000
Utility Distribution System	950 000
Land	720 000
Total for Urbana Campus	$27 370 000

CHICAGO CAMPUS

Nurses School	$ 700 000
Cancer Research Institute	4 800 000
Chronic Illness and Geriatrics Institute	3 200 000
Building Remodeling and Improvements	2 000 000
Land	300 000
Total for Chicago Campus	$11 000 000
TOTAL FOR URBANA AND CHICAGO CAMPUSES	$38 370 000

SCHEDULE C

PRIORITY GROUP A

This group includes many urgently needed projects which could not be included in the 1949-1951 Biennium of AA priorities. It also includes projects which are less urgent at present but which are quite certain to become urgent. Also, because of establishing new programs, or for other reasons which are not now apparent, projects which are not included on this list may become urgent. This is especially true if the enrollment is not limited to 20,000. Cost estimates are available for some of these projects but they are not given because marked changes in cost may occur before the projects are actively considered. Order of listing has no significance.

URBANA CAMPUS

Biology Building — Second Unit
Home Economics Building
Agricultural Engineering Building — Additional Unit
Food Technology Laboratory — Second Unit
Dairy Manufacturers Building Addition
Minor Agricultural Structures
Mining and Metallurgy Building — First Unit
Talbot Laboratory Addition
Foundry Building and Equipment
Electrical Engineering Laboratory Addition
Aeronautical Engineering Building
Commerce Building
Educational Laboratories — Elementary Division, Second Unit
Remodeling and Addition to University High School for College of Education
Illini Press
Women's Gymnasium Addition
Aeronautics Education Building
Small Homes Council Building
Library Addition
Health and Physical Education Building
Faculty-Graduate Student Center
Administration Building Addition
Auditorium Remodeling and Addition
Service Building — Second Unit
Power Plant and Distribution System

CHICAGO CAMPUS

Women's Hospital

On motion of Mr. Davis, the biennial capital expense budget was unanimously approved as presented, to be filed as a tentative biennial budget under the State Finance Act, and the President of the University and the President of the Board were requested to take charge of the matter from now on.

President Fornof expressed the appreciation of the Board for the careful work of Professor Huntington and his committee.

REPORT OF THE COMMITTEE ON CHICAGO DEPARTMENTS

Dr. Meyer presented the following report.

A meeting of the Committee on Chicago Departments of the Board of Trustees of the University of Illinois was held at 12 o'clock noon on October 11, 1948, at the Chicago Athletic Club. Dr. Karl A. Meyer, Chairman, Dr. Martin G. Luken, General Chester R. Davis, and Mr. Park Livingston were present; also Mr. H. A. Hazleton, Clerk.

The Committee considered a recommendation from the Physical Plant Department that the firm of Skidmore, Owings, and Merrill be employed as architects for the proposed staff apartment building at the Medical Center Campus at a fee of 5½ per cent of the total cost of plans for the staff apartment building on the Urbana campus to the building at Medical Center. Skidmore, Owings, and Merrill are the architects employed for the faculty apartment building at Urbana.

After discussion of the recommendation the Committee decided that further information was needed before action could be taken on the proposal to employ Skidmore, Owings, and Merrill at a fee of 5½ per cent.

The meeting adjourned until such time as further information could be secured. Since that adjournment, the Chairman of the Committee secured from the Physical Plant Department further detailed information on the work necessary by Skidmore, Owings, and Merrill to adapt the Urbana building plans to the Chicago building.

The Chairman of the Committee also consulted with other architects concerning the proposal and after telephone discussion by the Chairman with Mr. Davis and Dr. Luken, the Committee recommends that Skidmore, Owings, and Merrill be employed as architects for the faculty apartment building on the Medical Center Campus at a fee of 5½ per cent of the cost of the building but that no contract be entered into with Skidmore, Owings, and Merrill until funds are assured for the completion of the building.

H. A. HAZLETON, *Clerk*
October 20, 1948

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

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

BIENNIAL BUDGET 1949-1951, DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(9) The Director of the Division of Services for Crippled Children and the Vice-President in charge of the Chicago Professional Colleges recommend the following budget for the biennium of 1949-1951 from State funds:

	Appropriation 1947-1949	*Increase Requested*	*Proposed Budget 1949-1951 Biennium*
Hospital and Medical Care	$1 025 000	$465 000	$1 490 000
Braces and Appliances	57 000	33 000	90 000
Salaries and Wages	253 342	175 772	429 114
Office Supplies and Expenses	7 580	1 420	9 000
Office Equipment	7 500	500	8 000
Contractual Services	12 000	12 000	24 000
Travel	.....	14 000	14 000
Total	$1 362 422	$701 692	$2 064 114

The increase requested for salaries and wages is requested to compensate employees of the Division adequately for the services rendered and to meet the competition for professionally trained staff members. In order to obtain competent personnel in several professional groups, it is necessary to increase the present salary ranges. The nonprofessional staff members must also be more adequately compensated for their services within the Division.

Hospitalization costs during the past biennium have gone up materially. The maximum that the Division has been paying for hospitalization during the present biennium is $11 a day for Chicago and St. Louis hospitals and $8 in hospitals

elsewhere in the State. Increasing costs indicate that costs may run as high as $20 a day in the next biennium, and in the down-state hospitals costs at present are over $12 a day. The anticipated increase in the cost of hospital care is reflected in the increase requested for the next biennium.

Staff additions of one medical social worker, two nursing consultants, a speech and hearing consultant, and eleven nonprofessional workers are requested for the district offices and the central office staffs in order that the normal growth of this program can be met.

The increase for contractual services results largely from the increased rentals the Division must pay for office space in various localities.

The new item of travel is requested since prior to this time all travel items have been paid for out of federal funds, but due to the decrease in the funds available from the federal government, it is necessary to request an appropriation for this travel from the State of Illinois.

On motion of Mr. McLaughlin, this biennial budget was approved as presented, to be filed as a tentative budget under the State Finance Act.

OPEN SESSION

MATTERS PRESENTED BY PRESIDENT STODDARD

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

BUDGET FOR THE INSTITUTION FOR TUBERCULOSIS RESEARCH

(1) The Sixty-fifth General Assembly of the State of Illinois appropriated to the University of Illinois the sum of $32,000 for the operation and maintenance expense of the Institution for Tuberculosis Research. The General Assembly also provided that the management of the Institution be vested in a five-man board, two to be appointed by the Board of Trustees of the University, two by the Board of the Municipal Tuberculosis Sanitarium, and the fifth member to be elected by the other four.

The Board of Directors of the Institution has submitted the following budget for the expenditure of this biennium's appropriation during the period of November 1, 1948, to June 30, 1949. The continuation of the program is dependent on the approval by the Legislature of additional appropriations.

1. S. R. Rosenthal, Director	G50[1]	$ 3 333
2. ————, Assistant Director	G100[1]	3 333
3. Nonacademic Salaries:		
Frederick Prepenbrock, Senior Medical Technologist	G[1]	2 200
Elizabeth Lyons, Junior Laboratory Assistant	G[1]	1 733
Belton Skinner, Animal Caretaker	G[1]	1 733
Total Salaries		$12 332
Expense and Equipment		19 668
Total		$32 000

I recommend that this budget be approved and that the President of the University be authorized to make such changes as are necessary within the total funds available, including making new appointments and the acceptance of resignations, in accordance with the provisions of the University Statutes.

On motion of Mr. Livingston, this budget was approved, and authority was given as requested, 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.

[1] From November 1, 1948, to June 30, 1949.

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(2) Mr. William F. G. Ross, Chairman of the Board of Examiners in Accountancy, has submitted his resignation from the Board because of ill health. He will be hospitalized for several months. The Committee on Accountancy recommends that Mr. Ross's resignation be accepted. The Committee makes this recommendation with much regret. Mr. Ross has given excellent service on the Board during his two years as a member. His full term would have expired June 30, 1949.

The Committee recommends that Mr. Charles Robert Miller of Arthur Young and Company, Chicago, be appointed to the Board of Examiners in Accountancy to fill the vacancy caused by Mr. Ross's resignation, that is until June 30, 1949.

Mr. Miller is forty-three years of age. He is a graduate of the University of Illinois, having received the Bachelor of Science degree in accountancy in June, 1928, with high honors. He obtained the Illinois C.P.A. certificate by examination in November, 1928. He has been with the firm of Arthur Young and Company for many years and is now a resident partner. He is recognized by the profession as an outstanding accountant.

Mr. Miller has indicated his willingness to serve.

On motion of Mr. Nickell, Mr. Ross's resignation was accepted, and Mr. Miller was appointed as recommended.

ADMINISTRATION OF DEPARTMENT OF BOTANY

(3) The members of the professorial staff of the Department of Botany have requested a change in the organization of the Department from one administered by a department head to a department organized with a chairman. Such a change of organization is permitted under University of Illinois Statutes on recommendation of the President to the Board of Trustees. I recommend approval of this request, and that Dr. Oswald Tippo, Associate Professor of Botany and now Acting Head of the Department, be appointed Chairman of the Department for two years from September 1, 1948, at an academic salary rate of $5,500.

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

UNIVERSITY'S SHARE OF DRAINAGE IMPROVEMENT COSTS

(4) The Union Drainage District No. 1 of the towns of Afton and Milan in De Kalb County has requested the University to assume its share of the cost of the cleaning of the drainage ditch which serves in part Wright Farm No. 7.[1] This ditch runs for approximately 160 rods through the entire length of the northeastern eighty acres of Wright Farm No. 7 and provides the drainage outlet for the whole farm. The ditch was dug about thirty-one years ago and has not been maintained adequately and has needed cleaning for some time. The University's share of this expense is $1,523.99, one-half of which is due in September, 1948, and the balance in November, 1948. The drainage district is also considering an annual maintenance program after the ditch has been cleaned.

This is similar in principle to payments by the University of part of the operating costs of the sewage disposal through the Urbana-Champaign Sanitary District, for construction of an addition to the local sanitary sewer system to serve the temporary housing area on South First Street, and for part of the cost of improving West Springfield Avenue in Urbana.

Professor J. B. Andrews, Dean H. P. Rusk, and Comptroller Lloyd Morey recommend payment of this initial expenditure and of a pro rata share of the subsequent annual maintenance charges.

Funds are available from the operation of Wright Farm No. 7.

I concur.

On motion of Mr. Davis, this recommendation was adopted. The appropriation was made 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.

[1] This farm is a part of the endowment of the Harry G. and Harriette Wright Scholarships.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

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

College of Agriculture:	
a. For remodeling Rooms 227-231 Bevier Hall for Home Economics Department	$ 2 800
b. For remodeling and equipment in the Horticulture Department	14 600
c. For calculating equipment for Agricultural Economics Department	4 600
d. For finishing Room 404 Mumford Hall	3 100
College of Fine and Applied Arts:	
For new console for Auditorium organ for the School of Music	12 000
College of Liberal Arts and Sciences:	
a. For remodeling of Room 143 Natural History Building for Geology Department	1 700
b. For laboratory equipment for Department of Bacteriology	5 500
c. For constant temperature humidity cases in Room 203 Harker Hall for Department of Entomology	1 500
d. For equipment for work in cytogenetics in the Department of Botany	41 600
e. For remodeling and miscellaneous equipment for Department of Botany	39 000
Chicago Professional Colleges:	
For purchase of microscopes	6 000
Total	$132 400

I concur.

On motion of Mr. Williamson, 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.

PURCHASE OF ILLINOIS TERMINAL RIGHT-OF-WAY

(6) The Illinois Terminal Railroad Company formerly had a spur track extending through the business and residential part of Urbana and through the University service area to Sixth Street in Champaign. When this spur was abandoned, the University acquired various portions of the property through the following actions of the Board of Trustees:

October 17, 1942 (Minutes, page 110), the Board authorized the purchase of that portion lying between Wright and Sixth Streets at a price of $1 500

September 24, 1946 (Minutes, page 57), the Board authorized the acquisition of that portion between Mathews and Goodwin Avenues at a price of 2 500

November 22, 1946 (Minutes, page 164), the Board authorized the purchase of that portion lying between Goodwin Avenue and Harvey Street at a cost of 1 500

May 27, 1947 (Minutes, page 370), the Board authorized the purchase of the West ½ block between Harvey Street and Gregory Avenue at a cost of .. 1 000

The purchase of the first parcel has been completed and the title transferred to the University of Illinois. The purchase of the last three parcels has not been completed pending the successful negotiation of some questions concerning the title. It is anticipated that these difficulties will be worked out in the near future.

There is also available the east one-half block between Harvey and Gregory (approximately 40' x 198'). The Illinois Terminal Railroad Company has a buyer for this property at a price of $750, which represents a unit cost of 9.5¢ a square foot. They have offered this property to the University at the same price, and the Director of the Physical Plant Department, the Security Officer, and the Comptroller recommend that the University purchase the property to be used as a parking area and for Physical Plant Service purposes.

I recommend the authorization of the purchase of this land and a special appropriation of $750 for this purpose.

On motion of Mr. McKelvey, this purchase was authorized and the appropriation was made, 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.

OIL AND GAS LEASES ON OLNEY EXPERIMENTAL FARM

(7) The Board of Trustees on September 23, 1948 (Minutes, page 84), authorized leasing to the Sun Oil Company for oil and gas development an experimental fruit farm tract of 19⅓ acres near Olney, Illinois. The Sun Oil Company also wishes to lease the seventy-five acre experimental farm tract which lies to the north of the 19⅓ acre tract described as follows:

"The South ¾ of West half of Southwest quarter of Section 36 and beginning at a point 12 chains South of the Northwest corner of the East half of the Southwest quarter of Section 36, thence South 28.19 chains, thence East 4.26 chains, thence North 28.19 chains, thence West 4.26 chains to place of beginning, 12 acres, more or less in Section 36; also, beginning at the Southwest corner of the West half of Southwest quarter of Section 36, running thence North along the section line 120 rods, thence West 4 rods, thence South 120 rods, thence East 4 rods to the place of beginning, containing 3 acres in Southeast quarter of Section 35, Township 4 North, Range 10 East, containing 75 acres, more or less."

This will give the University the same protection in the event oil or gas production in commercial quantities is developed within a statutory offset location.

The Head of the Department of Horticulture and the Director of the Agricultural Experiment Station recommend that this lease be authorized under the same terms as the other lease. The company will pay a rental of $5.00 a year an acre. If oil or gas is produced from wells on the University's land the University will receive one-eighth of the proceeds; if oil or gas is produced within 330 feet of University land the University will share in the royalties.

I concur.

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

APPOINTMENT OF JOSEPH A. RUSSELL AS PROFESSOR AND HEAD OF THE DEPARTMENT OF GEOGRAPHY

(8) I recommend the appointment of Dr. Joseph A. Russell of Syracuse University as Professor and Head of the Department of Geography on indefinite tenure at a salary of $8,000 an academic year beginning February 1, 1949.

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

SALE OF STANDARD OIL OF NEW JERSEY STOCK

(9) The Finance Committee of the Board recommends that two shares of Standard Oil Company of New Jersey stock received as a dividend on Standard Oil of Indiana stock be sold, since this dividend has been ruled as a distribution from income.

Authorization for this sale and approval of the following resolution is requested:

RESOLUTION REGARDING SALE OF STOCK

Whereas, the Board of Trustees of the University of Illinois is the owner of two shares of capital stock of the Standard Oil Company of New Jersey, and

Whereas, the Board of Trustees has approved the sale of such stock in its meeting of October 21, 1948,

Now, therefore, be it resolved by the Board of Trustees of the University of Illinois that Lloyd Morey, Comptroller, and H. E. Cunningham, Secretary, be authorized to execute any and all documents to complete such sale.

On motion of Mr. Livingston, this sale was authorized and the resolution was adopted as requested.

ADDITION TO CONTRACT FOR GENERAL WORK ON STADIUM RESTORATION

(10) The West Hall of the Stadium was used for student housing from 1946 to 1948, and was returned to use for instruction in physical education and student recreational programs at the beginning of the academic year, 1948-1949.

Lewis S. Colbert, General Contractor, Champaign, was engaged to do the necessary remodeling at an estimated cost of $4,791.

At the time the remodeling was planned, it was anticipated that some work would be required on the floor in the north half of the West Hall. It was impossible to determine the extent and nature of the work until partitions and wood flooring had been removed to permit examination of the concrete base. The cost of the additional work necessary will be $4,000.

There is other general work to be done to improve the West Hall, estimated to cost $1,363, for which the Athletic Association will supply funds.

The Director of the Physical Plant Department and the Comptroller recommend that this additional work for restoration and remodeling be done under the terms of the contract with Lewis S. Colbert for minor alterations authorized by the Board of Trustees on July 22, 1948.

Funds are available for the improvements to be paid for by the Athletic Association in an assignment already approved by the Board of Trustees, and funds are available for the restoration expenditures to be paid by the University in reserves accumulated from operation of the West Hall as a dormitory.

I concur and request that the Comptroller and the Secretary of the Board be authorized to execute an addition of $5,363 in this contract.

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

ADDITION TO HEATING CONTRACT FOR CHEMISTRY BUILDING

(11) The Director of the Physical Plant Department and the Comptroller recommend an addition in the amount of $5,404.17 to the contract with the Carson-Payson Company, Danville, for the heating work in the construction of the Chemistry and Chemical Engineering Building, for underground steam lines which will connect the houses at 1205 West California and 606 South Mathews front and rear with the University steam heating system.

Funds are available.

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

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

ADDITION TO GENERAL CONTRACT FOR MECHANICAL ENGINEERING BUILDING

(12) The Director of the Physical Plant Department and the Comptroller recommend an addition of $7,892 to the contract with the James McHugh Sons, Inc., for the general work on the Mechanical Engineering Building to provide for spray painting of exposed haydite block and concrete surfaces in all painted rooms except basement corridors.

Funds are available in the State appropriation for the Mechanical Engineering Building.

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

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

ADDITION TO GENERAL CONTRACT FOR ELECTRICAL ENGINEERING BUILDING

(13) The Director of the Physical Plant Department and the Comptroller recommend an increase of $10,535.37 in the contract with the John Felmley Company for the general work on the Electrical Engineering Building. This increase is to provide for the following:

1. Labor and material necessary for the removal of the existing bridge over the Boneyard, construction of a new bridge, and rerouting the creek under the new bridge..... $7 046 42
2. Labor and material for walks and drives..... 3 488 95

Funds are available in the State appropriation for this building.

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

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

ADDITION TO THE GENERAL CONTRACT FOR CHEMISTRY BUILDING

(14) The Director of the Physical Plant Department and the Comptroller recommend an addition of $2,812.73 to the contract with the John Felmley Company for the general work on the Chemistry and Chemical Engineering Building to provide for:

1. Substitution of Acoustone and Acousti-Celetox in lieu of acoustical plaster specified.....$1 665 62
2. Furnishing and installing of a gas cylinder shelter for the storage of gases under high pressures..... 1 147 11

Funds are available for these additions in the State appropriation for this building.

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

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

AWARD OF CONTRACTS FOR ALTERATIONS IN THE MEN'S OLD GYMNASIUM

(15) On January 8, 1948 (Minutes, page 960), the Board of Trustees appropriated $26,000 for alterations and lockers in the Men's Old Gymnasium. This project was not considered to be of top priority, and the work was postponed. Now that higher priority projects are under way, this one may go ahead.

Since this is a remodeling job, it is not feasible to secure competitive bids. The Director of the Physical Plant Department and the Comptroller recommend that the work be done by the following contractors under the terms of their standing contracts on a cost plus a fee basis for minor remodeling as approved by the Board of Trustees on July 22, 1948 (Minutes, page 18):

	Estimated Cost
General Work — Lewis S. Colbert	$15 798 97
Plumbing — Reliable Plumbing and Heating Co.	5 500 00

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

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

PURCHASES

(16) There are submitted recommendations for purchases for approval by the Board and a report of purchases authorized by the President of the University (see Appendix, page 163).

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

GIFTS AND GRANTS OF FUNDS FOR RESEARCH AND OTHER PURPOSES

(17) A report of gifts and grants of funds for research and other purposes received by the University since the last report on July 22, 1948 (see Appendix, page 165).

This report was received for record.

CANCELLATION OF SABBATICAL LEAVE OF ABSENCE GIVEN PROFESSOR RAYMOND P. STEARNS

(18) Associate Professor Raymond P. Stearns of the Department of History was given a sabbatical leave of absence for the second semester of 1948-1949 by the Board of Trustees on March 9, 1948.

Professor Stearns has requested that his leave be deferred for the convenience of the University because the Department of History has recently suffered major losses in the death of Professor Theodore C. Pease, former Head of the Department, and in the resignation of Professor Charles E. Odegaard.

I recommend cancellation of this leave without prejudice as to future reinstatement.

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

LEAVE OF ABSENCE FOR PROFESSOR STANLEY D. TYLMAN

(19) Dr. Stanley D. Tylman, Professor and Head of the Department of Crowns and Fixed Partial Dentures, College of Dentistry, has been invited to give a series of clinics and conferences for the dental faculties of the Universities of Buenos Aires and Cordoba in Argentina. The United States Department of State has asked that this teaching mission be undertaken.

The Dean of the College of Dentistry and the Vice-President in charge of the Chicago Professional Colleges recommend that he be given a leave of absence with full pay during the months of November and December, 1948. His duties will be taken over by other members of the faculty so that there will be no additional expense to the University.

I have authorized this leave of absence and request confirmation of my action.

On motion of Mr. Williamson, this leave was granted as recommended.

INCREASE IN CONTRACT FOR FLOORING IN STADIUM

(20) On September 23, 1948 (Minutes, page 83), the Board of Trustees awarded a contract for asphalt tile flooring to W. Lewis and Company in the amount of $6,107.77 as a part of the program of restoration and improvement of the West Great Hall of the Stadium. After the bids had been received for this flooring, the Athletic Association requested the addition of asphalt tile markings for the basketball courts. The asphalt tile markings are preferred to the painted markings because they are more permanent and economical over a long period of usage.

The Director of the Physical Plant Department and the Comptroller recommend an increase of $1,020 in the contract with W. Lewis and Company to provide for this additional installation to be paid for by the Athletic Association.

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

On motion of Mr. Williamson, 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 153).
2. Graduate scholars and fellows (page 155).
3. Resignations, declinations, and cancellations (page 156).
4. Degrees conferred at Urbana, October 15, 1948 (page 157).

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.)

BAER, JEAN G., Visiting Professor, Zoology, five months beginning February 1, 1949, $5000 (10-15-48).

BARRON, SAMUEL B., Clinical Instructor, Pediatrics (Medicine), eleven months beginning October 1, 1948, without salary (10-7-48).

BOSSCHER, GERARD P., Instructor, Orthodontia (Dentistry) (⅗), one year beginning September 1, 1948, $1800 (10-7-48).

BRIGGS, CECIL C., Visiting Professor, Architecture (½), September 15, 1948-January 31, 1949, $533.33 a month (10-15-48).

BROWN, JOHN W., Instructor, Physical Education for Men (Chicago Professional Colleges), one year beginning September 1, 1948, $4500, supersedes (10-7-48).

CARLSON, CLARENCE I., Associate Professor, General Engineering Drawing, Head of the Department (Undergraduate Division in Chicago), indefinite tenure beginning September 1, 1948, $7200 a year, supersedes (10-15-48).

COLEMAN, MRS. SHIRLEY W., Personnel Technician, Student Counseling Bureau, one year beginning September 1, 1948, $2400 (10-1-48).

DE TAMBLE, GRACE W., Assistant, Occupational Therapy (Neuropsychiatric Unit) (Physical Medicine) (Medicine), September 1, 1948, until further notice, $3000 a year (9-24-48).

DICKEY, ROBERT I., Associate Professor, Accountancy (½), indefinite tenure, Assistant Dean, College of Commerce and Business Administration (½), one year, beginning September 1, 1948, $6200 a year, supersedes (10-13-48).

DIESSNER, WARREN H., Associate Professor, Military Science and Tactics (Medical Corps Unit) (Medicine), September 1, 1947, until further notice, without salary (10-1-48).

DOOLAS, GEORG, Instructor, Physical Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $4000 (10-15-48).

FAWCETT, CLARENCE G., Instructor, Physical Sciences (Undergraduate Division in Chicago), five months beginning September 1, 1948, $1800 (10-15-48).

FEAR, MARJORIE M., Assistant, English, nine months beginning September 16, 1948, $2400 (10-5-48).

FUHRMAN, DONALD L., Assistant, Dermatology (Medicine), one year beginning September 1, 1948, without salary (9-24-48).

GANSLEN, RICHARD V., Instructor, Physical Education for Men (¼), academic year beginning September 1, 1948, $900 (10-1-48)

GRANBERG, CHARLES B., Instructor, Manufacturing Pharmacy (Pharmacy) (½), eleven months beginning October 1, 1948, $200 a year, supersedes (9-24-48).

GRAY, HORACE M., Professor, Economics, indefinite tenure beginning September 1, 1948, $10,000 a year, supersedes (9-27-48).

GREEN, GEORGE H., Special Research Assistant, Mechanical Engineering (S), September 23, 1948-August 31, 1949, $3000 a year (10-12-48).

HART, D. E., Assistant, Anatomy (Medicine), one year beginning September 1, 1948, without salary (9-24-48).

HEARN, JUNE M., Research Assistant, Chemistry (Graduate College), eleven months beginning October 1, 1948, $2475 (10-7-48).

HECLAND, MRS. VIRGINIA, Assistant, English, September 16, 1948-January 31, 1949, $1200 (10-7-48).

HERSHEY, ALBERT E., Research Professor, Mechanical Engineering (C) (1/10), (S) (9/10), indefinite tenure beginning September 1, 1948, $7200 a year, leave of absence without salary for the academic year 1948-1949, supersedes (10-7-48).

HEYMANN, HANS, Lecturer, Economics, academic year beginning September 1, 1948, $5000 (10-7-48).

HILL, MARTHA A., Research Assistant, Medicine (Medicine), September 13, 1948-August 31, 1949, $2400 a year (10-7-48).

HU, HUAN C., Special Research Associate, Electrical Engineering (S) (½), one year beginning September 1, 1948, $2600 (10-4-48).

HULL, BARBARA J., Clinical Assistant, Medicine (Medicine), eleven months beginning October 1, 1948, without salary (10-7-48).

IGLOE, MAX C., Associate Professor, Preventive Medicine and Public Health (Medicine) (16/100), one year beginning September 1, 1948, $1000 (10-1-48).

JONIETZ, MRS. ALICE K., Clinical Counselor, Student Counseling Bureau, September 24, 1948-August 31, 1949, $4500 a year (10-7-48).

KNIGHT, JERE D., Special Research Associate, Physics (S), September 16-December 31, 1948, $400 a month (10-11-48).

KRIZAN, THOMAS F., Instructor, Physical Education for Men, academic year beginning September 1, 1948, $3200 (9-24-48).

LAIRD, MRS. ANN L., Director, Nursing, Acting Director, School of Nursing (½), ten months beginning November 1, 1948, $2898; also to be furnished room and one meal daily valued at $192 a year, supersedes (10-4-48).

LAW, MARY L., Instructor, Clinical Speech (Otolaryngology) (Medicine) (½), one year beginning September 1, 1948, $1800 (10-12-48).

LEITER, HOWARD A., Special Research Assistant, Physics (C), eleven months beginning October 1, 1948, $270 a month (10-4-48).

LEVINSON, IDA, Instructor, Speech, academic year beginning September 1, 1948, $3650, supersedes (10-1-48).

LITTRELL, JOHN H., Assistant, Naval Science, September 17, 1948, until further notice, without salary (9-27-48).

MARC, ARTHUR, Instructor, Operative Dentistry (Dentistry) (½), eleven months beginning October 1, 1948, $1625 a year, supersedes (10-7-48).

MASUOKA, SHIG J., Registered Pharmacist, Hospital Pharmacy (Pharmacy) (½), eleven months beginning October 1, 1948, $1620 a year, supersedes (10-15-48).

MCCOLLOM, KATHERINE T., Assistant, English, September 16, 1948-January 31, 1949, $1200 (10-7-48).

MELETSIS, GEORGE J., Registered Pharmacist, Hospital Pharmacy (Pharmacy), eleven months beginning October 1, 1948, $3300 a year, supersedes (10-5-48).

MILLER, RICHARD I., Instructor, Physical Education for Men (½) during first semester, (¼) during second semester, Instructor, Education (½) during first semester, (¾) during second semester, academic year beginning September 1, 1948, $3500 (9-24-48).

MOWERY, ROBERT W., Assistant, Agricultural Engineering (C & S), October 25, 1948-August 31, 1949, $3300 a year (10-4-48).

NUGENT, TIMOTHY J., Instructor, Hygiene (Undergraduate Division in Galesburg), academic year beginning September 1, 1948, $3300 (10-12-48).

OZONE, KENJI, Research Assistant, Pediatrics (Medicine), one year beginning September 1, 1948, $2700 (9-24-48).

PEARLMAN, MAURICE D., Chief Resident, Clinical Teaching Assistant, Ophthalmology (Illinois Eye and Ear Infirmary), one year beginning July 1, 1948, $1800; also to be furnished full maintenance valued at $384 a year, supersedes (10-7-48).

PEPPER, STEPHEN C., Visiting Professor, Philosophy, five months beginning February 1, 1949, $6000 (10-7-48).

POPELKA, BLANCHE M., Assistant and Supervisor, Occupational Therapy (Physical Medicine) (Medicine), one year beginning September 1, 1948, $3000 (10-13-48).

REISS, FRANKLIN J., Assistant Professor, Farm Management Research (Agricultural Economics) (⅖) (S), one year beginning September 1, 1948, $2000, supersedes (10-1-48).

ROBB, WILLIAM C., Associate Professor, Economics (½), indefinite tenure, Assistant Dean, College of Commerce and Business Administration (½), one year, beginning September 1, 1948, $6720 a year, supersedes (10-13-48).

RODRIQUEZ, ARTHUR A., Assistant Professor, Physical Medicine (Medicine), one year beginning September 1, 1948, $5000, supersedes (10-11-48).

SAMTER, MAX, Assistant Professor, Medicine (Medicine) (9/10), one year beginning September 1, 1948, $4750, supersedes (10-8-48).

SCHALLER, RICHARD, Head Resident, Annex Hall, ten months beginning September 1, 1948, $1900, also to be provided housing valued at $10 a month (10-11-48).

SCHROEDER, ROY W., Assistant Professor, Foundry and Pattern Laboratory (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $6000, supersedes (10-15-48).

SCOUFFAS, GEORGE, Assistant, English, nine months beginning September 16, 1948, $3200, supersedes (10-1-48).

SEIDLER, ARMOND H., Instructor, Physical Education for Men, academic year beginning September 1, 1948, $3450 (10-5-48).

SEIDLER, BURTON M., Manager, Temporary Housing (Undergraduate Division in Galesburg), one year beginning September 1, 1948, $2880; also to be furnished housing valued at $120 a year (10-5-48).

SIEGEL, ALFRED L., Clinical Assistant, Medicine (Medicine), September 15, 1948-August 31, 1949, without salary (10-7-48).

SMITH, JAMES B., Assistant, Naval Science, September 17, 1948, until further notice, without salary (9-27-48).

STARKMAN, NATHAN M., Clinical Instructor, Radiology (Medicine), one year beginning September 1, 1948, without salary (9-24-48).

STEIN, FLOYD H., Head Resident, Rink Hall, ten months beginning September 1, 1948, $1900; also to be furnished housing valued at $10 a month (10-11-48).

STENDLER, MRS. CELIA B., Assistant Professor, Bureau of Research and Service, one year beginning September 1, 1948, $5628, supersedes (10-12-48).

STUERMER, RAY, Assistant Professor, Architecture (Undergraduate Division in Chicago) (⅓), academic year beginning September 1, 1948, $2000 (10-7-48).

TANNER, MACK C., Assistant, Operative Dentistry (Dentistry) (⅔), eleven months beginning October 1, 1948, $1120 a year, supersedes (10-7-48).

TAYLOR, WELTON I., Instructor, Bacteriology (Medicine), one year beginning September 1, 1948, $4000 (9-24-48).

TINER, MRS. LYLA G., Personnel Technician, Student Counseling Bureau (½), one year beginning September 1, 1948, $1400 (10-7-48).

TROTIER, ARNOLD H., Professor, Library Science, indefinite tenure, Assistant Director, Technical Departments, eleven months, beginning October 1, 1948, $6900 a year, supersedes (10-15-48).

WHAM, MRS. DOROTHY S., Personnel Technician, Student Counseling Bureau, one year beginning September 1, 1948, $2900 (10-1-48).

WITTMAN, PHYLLIS, Visiting Lecturer, Psychology, academic year beginning September 1, 1948, without salary (9-24-48).

YANKOW, HENRY G., JR., Instructor, Accountancy, Senior Accountant, Business Office (Undergraduate Division in Chicago), academic year beginning September 1, 1948, $4750, supersedes (10-4-48).

YENAWINE, WAYNE S., Circulation Librarian, Library, Assistant Professor, Library Science, one year beginning September 1, 1948, $5000 (9-24-48).

ZENER, CLARENCE, Special Lecturer and Consultant, Physical Metallurgy (Mining and Metallurgical Engineering) (C) (4/1000), ten months beginning September 1, 1948, $400 (10-13-48).

ZIELESCH, MARGUERITE R., Instructor, Physics (Undergraduate Division in Galesburg), academic year beginning September 1, 1948, $3200 (10-7-48).

GRADUATE FELLOWS AND SCHOLARS

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

BASS, KENNETH, United States Public Health Service Research Fellow, Bacteriology (Medicine), September 13, 1948-September 30, 1949, $3600 a year (10-7-48).

BURNS, RICHARD O., Research Fellow, Physiology (Medicine), one year beginning October 1, 1948, $2000 (10-7-48).

CHEN, CHIA-YUNG, Magnavox Foundation Fellow, Chemistry, October 1, 1948-January 31, 1949, $500 (10-12-48).

DEXTER, THEODORE H., Research Fellow, Chemistry (½), eleven months beginning September 1, 1948, $1375 (10-12-48).

FLORIO, AURELIO E., Nonresident Fellow, Physical Education, four months beginning February 1, 1949, $800 (9-24-48).

HUMISTON, CHARLES G., Upjohn Company Fellow, Chemistry, eleven months beginning October 1, 1948, $1375 (10-12-48).

LANPHIER, EDWARD H., Bristol Fellow, Pharmacology (Medicine), eleven months beginning October 1, 1948, $150 a month (10-13-48).

MEADOWS, RUTH E., United States Public Health Service Fellow, Psychology, nine months beginning September 16, 1948, $1600 (9-24-48).
NYMAN, CLIFFORD O., Upjohn Company Fellow, Chemistry, eleven months beginning October 1, 1948, $1375 (10-12-48).
RICHEY, MARJORIE H., United States Public Health Service Fellow, Psychology, nine months beginning September 16, 1948, $1200 (9-24-48).
SAUNDERS, DAVID R., Bonfils Fellow, Psychology, nine months beginning September 16, 1948, $1200 (9-24-48).
SCOTT, MERRILL B., Scholar, Physics, nine months beginning September 16, 1948, $700, supersedes (9-27-48).
TOOMEY, ROBERT D., Pittsburgh Consolidated Coal Company, Chemistry, nine months beginning September 16, 1948, $1200 (10-12-48).
ZEEVAERT, LEONARDO, Special Research Fellow, Civil Engineering, nine months beginning September 16, 1948, $1500 (10-7-48).
ZIMMERMAN, WILLIAM A., United States Public Health Service Fellow, Psychology, nine months beginning September 16, 1948, $1600 (9-24-48).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

ABREU-GOMEZ, ERMILO, Visiting Assistant Professor, Spanish — resignation effective 9-1-48.
ANNIS, ROBERT W., Special Research Associate, Electrical Engineering (S) — resignation effective 9-20-48.
BORUS, JOSEPH, Lecturer, Division of Social Welfare Administration — cancellation effective 10-1-48.
BRUNNER, HANS, Professor, Otolaryngology (Medicine) — resignation effective 10-15-48.
CHASE, JEAN T., First Assistant, Home Economics (S) — resignation effective 11-1-48.
ELBERT, J. E., Instructor, Commerce and Business Administration (Undergraduate Division in Galesburg) — resignation effective 10-14-48.
FLEMING, DORIS, Bibliographer, rank of Instructor, Acquisition (Library) — resignation effective 11-1-48.
FLORIO, AURELIO E., Nonresident Fellow, Physical Education — declination effective 2-1-49.
HALTERMAN, JEAN, Assistant, Marketing — declination effective 9-16-48.
KELLER, JEANNE L., Personnel Technician, Student Personnel Bureau (Undergraduate Division in Galesburg) — resignation effective 10-9-48.
KLEMA, ERNEST D., Fellow, Physics — resignation effective 9-16-48.
LIND, EVELYN R., Research Assistant, Bureau of Economic and Business Research — resignation effective 10-15-48.
MAURICE, CHARLES G., Instructor, Applied Materia Medica and Therapeutics (Dentistry) — resignation effective 10-1-48.
MISCHEL, THEODORE, Fellow, Physics — resignation effective 9-16-48.
NORMANN, ARNE, Scholar, Mechanical Engineering — cancellation effective 9-16-48.
PARMET, B. S., Instructor, Electrical Engineering (C) — declination effective 9-1-48.
PROTZMAN, RUTH M., Catalog Assistant, Library — resignation effective 9-12-48.
SHEFFLER, PAUL W., Research Fellow, Physiology (Medicine) — resignation effective 9-1-48.
SPECTOR, HARRY, Assistant Professor, Animal Nutrition and Animal Nutrition Research (Animal Science) (C & S) — resignation effective 10-1-48.
STONE, CLEMENT A., Research Fellow, Pharmacology (Medicine) — resignation effective 10-1-48.
SUSINA, S. V., Research Fellow, Pharmacology (Medicine) — declination effective 9-1-48.
WEBSTER, MRS. LUCILLE J., Instructor, English (Undergraduate Division in Chicago) — resignation effective 9-14-48.
WHITFIELD, W. M., Instructor, Electrical Engineering (C) — cancellation effective 9-1-48.
ZIMMERMAN, EDWARD J., Fellow, Physics — resignation effective 9-16-48.

DEGREES CONFERRED OCTOBER 15, 1948

Summary

Degrees in the Graduate College:		
Doctor of Philosophy	49	
Doctor of Education	3	
Master of Social Work	3	
Master of Arts	27	
Master of Science	59	
Total, Graduate College	141	
Degrees in Law:		
Bachelor of Science	1	
Bachelor of Laws	14	
Doctor of Law	5	
Total, Law	20	
Baccalaureate Degrees:		
Bachelor of Science, College of Engineering	1	
Bachelor of Arts, College of Liberal Arts and Sciences	4	
Bachelor of Science, College of Liberal Arts and Sciences	1	
Bachelor of Science, College of Education	1	
Bachelor of Science, College of Commerce and Business Administration	2	
Bachelor of Fine Arts, College of Fine and Applied Arts	1	
Bachelor of Science, Division of Special Services for War Veterans	4	
Total, Baccalaureate Degrees	14	
Total, Degrees Conferred		175

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Agricultural Economics

EARL CLIFFORD HEDLUND, B.S., University of Nebraska, 1938; M.S., 1939

In Agronomy

RUSSELL EARL HAY, JR., A.B., Miami University, 1940; M.S., University of Nebraska, 1942

CHING-KWEI LEE, B.S., Fuh Tan University, 1932; M.S., 1946

In Animal Science

ARTHUR EDISON CULLISON, B.S., M.S., 1936, 1937

STANLEY WALLACE TERRILL, B.S., Iowa State College, 1940

In Bacteriology

REYNOLD BERNARD CZARNECKI, B.S., Pennsylvania State College, 1939

In Botany

EVERETT SMITH BENEKE, A.B., Miami University, 1940; M.S., Ohio State University, 1941

In Ceramic Engineering

ESTHER MILLER TUTTLE, B.S., M.S., Alfred University, 1942, 1943

MILTON ALFRED TUTTLE, B.S., M.S., Alfred University, 1941, 1942

In Chemical Engineering

EDWARD HUBERT CONROY, JR., B.S., State University of Iowa, 1942

In Chemistry

FRANCIS WARREN BLODGETT, A.B., Oberlin College, 1943

NEAL ORIN BRACE, B.S., University of Minnesota, 1946

JANET LOIS CROSBY, B.S., Iowa State College, 1945

ERNEST LUDWIG ELIEL, D.Phys., University of Havana, 1946
JAMES SHERWOOD FRITZ, B.S., James Millikin University, 1945; M.S., 1946
MORTON HARFENIST, B.S., College of the City of New York, 1942; M.S., Brooklyn Polytechnic Institute, 1946
AUGUSTA KNOEPFELMACHER HIRSCH, B.S., M.S., 1945, 1946
HERMAN SAUL LEVINE, B.S., University of Pittsburgh, 1943
JAMES BEVERLEY MCPHERSON, JR., A.B., Kenyon College, 1941; M.S., 1942
ELDON DENZEL NIELSON, A.B., University of Utah, 1945
FREDERICK JOHN PILGRIM, B.S., M.S., Rensselaer Polytechnic Institute, 1939, 1940
ANTHONY WOLFGANG SCHRECKER, Doktorandum, University of Vienna, 1937; Licence-es-Sciences, University of Paris, 1941
JACK LELAND REDAVAT WILLIAMS, B.S., University of Alberta, 1946

In Civil Engineering

MOUNIR BADIR, B.S., Fouad I University, 1943; M.S., 1947
ELIO D'APPOLONIA, B.S., M.S., University of Alberta, 1942, 1946
PRYOR NEIL RANDALL, B.S., 1942

In Economics

SIEN-TSIN HU, B.S., National Central University, 1939; M.S., 1946
NATHANIEL JACKENDOFF, B.S., College of the City of New York, 1938; A.M., 1939
DONALD CALVIN MILLER, A.B., A.M., 1942, 1943
YU-PU PAN, B.S., National Northeastern University, 1938; M.S., 1946
LEROY LILLARD QUALLS, A.B., Illinois Wesleyan University, 1932; A.M., 1936
C. NUGENT WEDDING, B.S., M.S., 1938, 1942

In Electrical Engineering

AMIYA KUMAR CHATTERJEE, A.M., College of Engineering and Technology (Jadavpur, India), 1935; M.S., Cornell University, 1946

In English

CARL FREDERICK BENSON, A.B., A.M., University of Texas, 1937, 1938
DONALD LOUIS HILL, A.B., Hartwick College, 1937; A.M., Syracuse University, 1939
MILFORD CYRIL JOCHUMS, A.B., A.M., 1938, 1940
DOROTHY BEAL RUSHING, A.B., A.M., Sam Houston State Teachers College, 1939, 1940

In Entomology

SOL KRAMER, A.B., Brooklyn College, 1939; M.S., Massachusetts State College, 1942

In French

BRUCE HALE MAINOUS, A.B., College of William and Mary, 1935; A.M., 1939

In History

MAURICE GLEN BAXTER, B.S., M.S., 1941, 1942
NELSON FRANCIS NORMAN, A.B., Stanford University, 1939; A.M., Harvard University, 1941
ROBERT MIZE SUTTON, A.B., Shurtleff College, 1937; A.M., 1938

In Mathematics

RAY GARTNER LANGEBARTEL, A.B., A.M., 1942, 1943

In Political Science

EARL THOMAS HANSON, B.Ed., Southern Illinois University, 1932; A.M., 1937
LEO CLAIR STINE, B.Ed., Illinois State Normal University, 1939; A.M., 1943

In Psychology

STANLEY CYRIL GRZEDA, B.S., M.S., 1944, 1945

In Zoology

ROBERT MARSHALL CHEW, B.S., Washington and Jefferson College, 1944; M.S., 1946
HUGH HANSON, B.S., Kansas State Teachers College, 1939; M.S., 1941
ROBERT HARDING WHITTAKER, A.B., Washburn Municipal University, 1942

Professional Degrees

Degree of Doctor of Education

ARDWIN JOSEPH DOLIO, B.Ed., Northern Illinois State Teachers College, 1939; M.S., Ed.M., 1946, 1947
GALE EDWARD JENSEN, B.S., Milwaukee State Teachers College, 1942; M.S., Ed.M., 1944, 1947
JOE FRANK WILKES, A.B., University of Tennessee, 1937; A.M., George Peabody College, 1940; Ed.M., 1945

Degree of Master of Social Work

ALICE ELIZABETH ANDREWS, A.B., 1945
DOROTHY B. FRANKEL, Ph.B., University of Chicago, 1945
PAUL ISRAEL KLIGER, A.B., 1946

Degree of Master of Arts

In Education

DOMINIC LOUIS COSTA, B.Mus.Ed., James Millikin University, 1939
GEORGE CLIFFORD EGBERT, B.S., 1942
LILLIAN ARTHESTA GARNER, A.B., Southern University, 1946
ALEYNE CLAYTON HAINES, A.B., Florida State College for Women, 1937

In English

BEULAH MARGUERITE GREEN, A.B., Asbury College, 1947
MABRE WISE KRUEGER, A.B., 1935
HERBERT SUMNER MICHAELS, B.S., Boston University, 1942
RUTH HILDEGARDE SCHMITT, B.Ed., Illinois State Normal University, 1939
BARBARA JOAN SOLLENBERGER, A.B., MacMurray College, 1946
NATIVIDAD DEDAL VILLEGAS, B.S., University of the Philippines, 1931

In History

CLIFFORD ARTHUR KECK, A.B., University of Southern California, 1947
WILBURN CECIL MCAFEE, B.Ed., Southern Illinois University, 1939
PHILIP IRA MITTERLING, A.B., Muhlenberg College, 1947
RALPH ODELL RANDALL, B.Ed., Southern Illinois University, 1940
FRED DUANE ROSE, B.S., Northern Illinois State Teachers College, 1947

In Mathematics

JOE WILLIE WRAY, B.S., 1939; M.S., University of Georgia, 1944

In Philosophy

ROBERT ARNOLD CORNETT, A.B., Cincinnati Bible Seminary, 1943; A.B., Butler University, 1944; B.D., Princeton Theological Seminary, 1946

In Political Science

FLOYD HERBERT STOKES, JR., A.B., Virginia State College, 1942

In Psychology

HAROLD LEO APPELL, B.S., Northwestern University, 1946
ROBERT GLENN DEMAREE, B.S., 1941
THOMAS CLAYTON HARTLEY, B.S., 1944
BERNARD H. LIGHT, B.S., 1947

In Spanish

JEAN STAHL CHITTENDEN, A.B., University of Arizona, 1944
LORAYNE LIPSKER GARY, A.B., 1944

In Speech

LEROY CHESTER BROWN, A.B., Greenville College, 1947
GENEVIEVE RICHARDSON, B.S., 1942
HOWARD EUGENE SHUMAN, B.S., 1946

Degree of Master of Science

In Accountancy

WILLIAM DENTON BARTH, B.S., 1947
MING PO HSU, B.S., Chiao Tung University, 1941
JAMES KINGSLEY STALKER, B.S., 1947

In Agricultural Economics

ALLIE CLAY FELDER, JR., B.S., Hampton Institute, 1943
ALBERT ARTHUR KREIG, B.S., 1942
VERNON LEO SHAHBAZIAN, B.S., California State Polytechnic School, 1947
IRWIN ARTHUR SMITH, B.S., 1947
WOODROW YONTS, B.S., 1947

In Agronomy

JEROME CLEMENT LYONS, B.S., 1947
ROBERT MCLEOD REED, B.S., 1947

In Bacteriology

ERICH HENRY SCHULDT, JR., A.B., Brown University, 1946

In Botany

KARL MICHAEL JAKOB, B.S., 1943

In Business Organization and Operation

JAMES EDWARD MOYER, B.S., 1947
DONALD LEROY SHAWVER, B.S., Eastern Illinois State College, 1947
IRVIN MILES SLEPICKA, JR., M.E., Stevens Institute of Technology, 1945

In Chemistry

JOHN RAYMOND CUMMINGS, A.B., Marshall College, 1937
GUNTHER LOUIS EICHHORN, A.B., University of Louisville, 1947
JOHN PHILIP FAUST, B.S., Loyola University, 1944

In Civil Engineering

SHIRO AISAWA, B.S., University of Connecticut, 1947
BENJAMIN LEROY GOEPFERT, B.S., 1947
WILLIAM WALTER HAY, B.S., Carnegie Institute of Technology, 1931
NICHOLAS ANDREW WEIL, B.S., University of Technical Sciences (Budapest), 1947

In Clinical Psychology

RAYMOND JOSEPH JANKERS, B.S., 1946

In Dairy Technology

ROBERT JAMES MCCAULEY, B.S., Michigan State College, 1941

In Economics

MANDEL GOMBERG, B.S., 1947
WARREN ARNOLD GUSTAFSON, A.B., 1947
RICHARD STEFAN LOPATA, B.S., 1947
JOHN DAVID SENGER, B.S., 1945

In Education

JOHN GEORGE CARLETON BROWN, B.S., 1940
LOYD WAYNE PERRY, B.S., 1947

In Electrical Engineering

CARL THEODORE ADOLF JOHNK, B.S., Shurtleff College, 1941; B.S., Missouri School of Mines, 1942

In Geology

ROBERT WHITCOMB ELLINGWOOD, B.S., Northwestern University, 1942
LAWRENCE JOHNSON FINFROCK, B.S., 1940
ROBERT CLAIR HONEA, JR., B.S., 1946
WILLIAM CARL IRVIN, B.S., 1947
ROBERT DAY KNODLE, B.S., 1947
ROBERT FRANK KRAYE, A.B., 1947
WILLIAM RILEY PAMPE, B.S., 1947
HUGH GERARD WALK, A.B., 1947
HAROLD RICHARD WHITE, B.S., 1947

In Horticulture

TSUN-HWEI CHU, A.B., National Szechwan University, 1942
NIDAMARTI GOPALKRISHNA, B.S., College of Agriculture (India), 1941

In Journalism

GLENN HAVEN DOWLER, B.S., 1947

In Music Education

LOUISE BREDEHOEFT CANNON, B.Mus.Ed., James Millikin University, 1937
PHYLLIS MCCLURE, B.Mus., MacMurray College, 1946
GORDON CHARLES PENTZ, B.S., B.Mus., 1947, 1948

In Physical Education

RICHARD ROCKWOOD ABBOT, B.S., 1943
JAMES ANTON BALEY, B.S., 1946
HERSCHEL GROVER BENSON, B.S., 1946
MELVIN CLAY BREWER, B.S., 1940
BURRIS FREDERICK HUSMAN, B.S., 1941
NICOLAAS BENJAMIN STRYDOM, B.Ed., University of Stellenbosch, 1945
ALBERT EDWARD WILLETT, A.B., College of Wooster, 1934; A.M., Northwestern University, 1940

In Physics

ANDREW LEE ATKINS, JR., A.B., B.S., Southeast Missouri State Teachers College, 1947
FREDERICK HARVEY GILES, JR., B.S., Wheaton College, 1947

In Physiology

IRWIN MORTON WEINSTOCK, B.S., University of Oklahoma, 1947

In Theoretical and Applied Mechanics

KULBIR SINGH, C.E., Thomason College of Civil Engineering, 1941; M.S., 1947

In Zoology

MARION LOUISE BIRKNER, B.S., 1945
DEAN HOBERT ECKE, B.S., 1947

COLLEGE OF LAW

Degree of Bachelor of Science

ROBERT STEPHEN KIRBY

Degree of Bachelor of Laws

JAMES MICHAEL BARTLEY, A.B., 1943
ARTHUR RAYMOND BENZ, B.S., 1940
RICHARD LEE CALKINS, B.S., Illinois State Normal University, 1946
SAM JOSEPH CANNARIATO, B.S., 1943
STEPHEN WORCESTER EDWARDS, B.S., 1947
CHARLES HUDSON EVANS, JR., A.B., 1947
CHARLES THURMAN HUFFORD, JR., A.B., 1943
PHILIP JOHN KELLY, JR., A.B., Oberlin College, 1946
HAROLD LEON MADSEN, B.S., 1942
WILLIAM FRANCIS MEEHLING, B.S., 1947
JAMES EDWARD MURPHY, B.Ed., Southern Illinois University, 1938
PEER PEDERSEN, B.S., 1947
ELMO FRANCIS PETERSEN, B.S., 1941
ROBERT JOHN WOODS, A.B., Yale College, 1942

Degree of Doctor of Law

STANLEY RICHARD BILLICK, B.S., 1947
WAYNE PADDOCK DYER, A.B., 1938; with Honors
DOROTHY JANE KUHNS, B.S., 1941
WILLIAM EUGENE SHIPLEY, B.Ed., Illinois State Normal University, 1942
HAROLD BARTLETT SMITH, A.B., M.D., University of Rochester, 1938, 1941

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Mechanical Engineering

LESLIE LEVI JONES

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

JACK HARRY DAVIS
FREDERICK DANIEL HIGHLAND
FLORENCE DIANA LEVINSON
VIRGIE-ANN NASTOFF

Degree of Bachelor of Science

In Chemistry

EDWIN JOSEPH KUTA

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

ROBERT WILLIAM BUNTING

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Management

WILLIAM ALFRED CURTIS
BURTON POSNER

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Fine Arts

In Art Education

MADONNA MOZELL CALDWELL, with High Honors

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

MAX DONALD COUCH
WILLIAM HENRY GILLETTE, JR.
HENRY KARL LONG
MAX ROBERT WALLER

PURCHASES

Purchases Recommended

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

Item	*Department*	*Vendor*	*Cost*
500,000 multiple vitamin capsules	Hospital Pharmacy, Chicago	Abbott Laboratories, Chicago	$4 875 00
700 14″x18″ No. 4548 FA-4S aluminium trays	Residence Halls	J. R. Malone Fixture Co., Danville	1 427 49 f.o.b. Urbana
105 ft. tin lined wood log casing, 11″ inside diameter; 18 guides with rollers for use with above log; 105 ft. tin lined wood log casing, 15″ inside diameter; 18 special guides for 4″ and 1¼″ pipes	Physical Plant	General Meters & Controls Co., Chicago	1 494 04
40,000 lbs. 25″x38″ 70 lb. coated offset book paper	Office Supply Store	Dwight Brothers Paper Co., Chicago	6 528 00 f.o.b. Urbana
One reconditioned nine-foot concert grand piano	Chicago Undergraduate Division	Baldwin Piano Co., Chicago	2 747 88
One No. 6600 industrial laboratory table, 12′ long with stone top	Horticulture	Leonard Peterson Co., Chicago	1 032 50 f.o.b. Chicago
79 steers for Wright Farms; the University to pay one-half the cost and the tenant to pay the other half	Agricultural Economics	Chicago Producers Commission Assn., Chicago	6 565 51
One tractor, broom, and snow plow for sidewalk and parking lot maintenance	Chicago Physical Plant	Roseman Tractor Equipment Co., Evanston	1 942 00
208 gross round head brass machine screws; 127 gross flat head brass ditto; 160 gross fillister head brass ditto; 159 gross round head iron ditto; 94 gross flat head iron ditto; 85 gross fillister head iron ditto; 132 gross round head iron wood screws; 104 gross flat head iron ditto; 138 gross round head brass ditto; 122 gross flat head brass ditto; 101 gross brass hexagon nuts; 50 gross steel hexagon nuts	Physics	C. H. Besly & Co., Chicago	1 200 00
Rugs for new Women's Residence Hall: one 18′x22′; two 18′x24′; two 13′6″x14′; four 13′6″x16′; one 13′6″x18′; one 11′3″x32′; one 9′x10′; three 6′9″x10′; one 11′3″x10′; to be made from Karagheusian "Tweed Stone" pattern No. 427 grey Two 15′x11′; two 10′6″x10′6″; to be made from Bigelow-Sanford Gross Point No. 4496 ¼″ U. S. rubber padding for rugs	Physical Plant	Marshall Field & Co., Chicago	6 789 99
45,000 lbs. (one car load) 40 lb. halftone book paper in 33⅛″ wide by 36″ diameter rolls, for printing *Alumni News*	Alumni Association	C. J. Duffey Paper Co., Rock Island	3 690 00
One G.M. Series "71", model 3-71 Diesel engine	Mechanical Engineering	Detroit Diesel Engine Division, General Motors Corp., Detroit, Mich.	1 039 00

Item	*Department*	*Vendor*	*Cost*
6,500 diplomas to be printed on Crane's parchment deed paper from steel plate; names, degrees, and dates to be printed	Office of Admissions and Records	W. M. Welch Diploma House, Chicago	3 380 00
200 cases 4½"x4½" 10 lb. manila toilet tissue, 1,500 sheets a roll, 50 rolls a case; 20 cases 4½"x4½" ditto, 1,000 sheets a roll, 100 rolls a case; 250 cases No. 207 Ft. Howard bleached handifold towels, 10½"x13¼", 3,750 towels a case	Physical Plant	Decatur Paper House, Inc., Decatur	2 636 50 f.o.b. mill; carload freight allowed
One lot laboratory (special) and allied accessories	Chemistry	Scientific Glass Apparatus Co., Bloomfield, N.J.	1 692 82 f.o.b. delivered
One E. H. Sargent XXI model polarigraph	Clinical Science, Medicine	E. H. Sargent & Co., Chicago	1 650 00 f.o.b. delivered
Ten Bausch & Lomb model B-8 microscopes complete with accessories	Horticulture	E. H. Sargent & Co., Chicago	2 340 00 f.o.b. Urbana
Venetian blinds to be installed in the new Mechanical Engineering Building	Physical Plant	Mackin Venetian Blind Co., Momence	7 277 52 installed
One Farmall M tractor	Agricultural Administration	Power Farm Implement Co., Champaign	2 091 86 f.o.b. delivered
Five 28LG Spencer stereoscopic microscopes; one 5LXK Spencer research microscope; four 5LRK Spencer research microscopes	Botany	W. H. Kessel & Co., Chicago	7 950 60
One ¾-ton Ford V-8 pickup truck to replace one 1940 one-ton truck	Agricultural Administration	Barham-Green, Inc., Harrisburg	1 400 02
Two ½-ton Ford V-8 pickup trucks to replace one 1941 Ford pickup and one army jeep	Agricultural Administration	Barham-Green, Inc., Harrisburg	2 316 72
4,000 board feet of the following:	Physical Plant		
1" select air dried rough cypress 8" and wider 10'-16' long; 2" select air dried rough cypress 8" and wider 10'-16' long; 1¼" select air dried rough cypress 8" and wider 10'-16' long		Beckemier-Jansen Lumber Co., St. Louis, Mo.	3 116 00
1" select kiln dried rough cypress 8" and wider 10'-16' long; 2" select kiln dried rough cypress 8" and wider 10'-16' long		Schreiber Lumber Co., Chicago	1 900 00
300 Mitchell model No. 600 study lamps	Residence Halls	Efengee Electrical Supply Co., Chicago	1 049 58 f.o.b. Chicago

Purchases Authorized by the President of the University

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.

Item	*Department*	*Vendor*	*Cost*
34,500 lbs. .100"x.250" double paper single cotton covered magnet wire. Wire type same as per Allis-Chalmers Dwg. No. 01-102-616 Spec. 01-603729-00-400. This wire is to be shipped to the New York Naval Shipyard to be used in building a large bias reactor for the 300 MEV betatron.	Physics	Anaconda Wire & Cable Co., Chicago	$14 238 15 f.o.b. delivered
One Ford 8-cylinder custom 4-door sedan to replace 1941 Ford sedan	Agricultural Administration	Holder Motor Sales, Vienna	1 250 60

GIFTS AND GRANTS OF FUNDS FOR RESEARCH AND OTHER PURPOSES

Gifts

1. Asthmatic Children's Aid of Chicago, $10,000 in support of the Allergy Unit, College of Medicine.

2. Mr. Philip S. Bloom, Chicago, $2,400 for the Bloom Research Fellowship in the Allergy Unit, College of Medicine.

3. Additions to the Orthopaedic Gift Fund for Children: Ridge Service Guild, Chicago, $500; Women of the Rotary Club of Chicago, $799.50; Evanston Drama Club, Evanston, $350.

4. Mr. Roy W. Godley, Agricultural Counsel for the Kroger Company, Cincinnati, Ohio, $1,200 for scholarships in Home Economics, College of Agriculture, during the year 1948-1949.

5. Peabody Coal Company, $600 for scholarships in Mining Engineering.

6. The Chicago Farmers, $500 for a scholarship in the College of Agriculture.

7. Illinois Mining Institute, $500 for scholarships in Mining Engineering during the year 1948-1949.

8. Old Ben Coal Corporation, Chicago, $400 for scholarships during the year 1948-1949.

9. Graham-Hoeme Plow Company, Inc., of Amarillo, Texas, a "Graham Hoeme" plow for use at the Dixon Springs Experiment Station.

10. Mr. Alfred E. Pickard, President of the Central Mine Supply Company, Mt. Vernon, Illinois, $200 in support of the Alfred E. Pickard Scholarship in Engineering.

11. Mr. Joseph Worrell, Class of 1913, St. Paul, Nebraska, $200 for undergraduate scholarships. Mr. Worrell was given a scholarship for one year at the time he attended the University and he desires to pay something for the benefits he received.

12. For a traveling fund for the residents, instructors, and younger men of the staff in the Department of Pediatrics so that they may attend medical meetings: Parents of a child in South Bend, Indiana (Dr. H. G. Poncher was called into consultation regarding this case), $100; Betty W. Garnitz, South Bend, Indiana, $15.

13. William Demmler and Brothers, Kewanee, a Demmler core-blowing machine for the foundry laboratory at the Chicago Undergraduate Division.

14. Congressman Rolla C. McMillen, Decatur, clothbound sets of the Annual Reports of the American Historical Association covering the years 1934 to 1942.

15. The Berkelhamer family of Chicago, $100 in support of the Dr. Ralph C. Berkelhamer Scholarship.

Grants for Research

1. Illinois Seed Producers Association, $3,167.65 for corn research in the Department of Agronomy.

2. Campbell Soup Company, $100 for research on vegetable crops in the Department of Horticulture.

3. Illinois State Horticultural Society, $1,200 for orchard nutrition studies in the Department of Horticulture.

4. Midwest Barley Improvement Association, $100 for continuation of barley variety fertilizer tests in northern Illinois.

5. For development of the Northern Illinois Experimental Field: De Kalb County Farm Bureau, $10,000; Mr. Preston Woods, Waterman, $1,000; Mr. William Wyffels, Geneseo, $100.

6. VioBin Corporation, Monticello, $1,000 for study of the nutrients other than vitamin E contained in wheat germ oil.

7. Abbott Laboratories, Eli Lilly and Company, Parke, Davis, and Company, and the Upjohn Company, $25,000 for continuation of research in the chemistry of antibiotic substances during the academic year 1948-1949.

8. Allied Chemical & Dye Corporation, New York City, $2,400 plus tuition in support of two fellowships of $1,200 each in chemistry during the academic year 1948-1949.

9. American Cyanamid Company, Bound Brook, New Jersey, $3,000 in support of a postdoctoral fellowship in chemistry during the academic year 1948-1949.

10. Cincinnati Chemical Works, Inc., Norwood, Ohio, $1,000 in continued support of a fellowship in chemistry during the academic year 1948-1949.

11. Eastman Kodak Company, Rochester, New York, $1,500 for continuation of a fellowship in chemistry during the academic year 1948-1949.

12. E. I. du Pont de Nemours & Company, Inc., Wilmington, Delaware, $4,500 in support of a postdoctoral fellowship in chemistry (stipend of $3,000 and $1,500 to the University for necessary equipment and supplies in connection with the research) during the academic year 1948-1949; $2,800 in support of a postgraduate fellowship in electrical engineering (stipend of $1,800 and $1,000 to the University for expense in connection with the research) during the academic year 1948-1949.

13. General Aniline and Film Corporation, Easton, Pennsylvania, $1,395.63 in continuation of a fellowship in chemistry during the academic year 1948-1949.

14. Graham, Crowley, and Associates, Inc., Chicago, $4,500 for the renewal of three graduate fellowships in chemistry.

15. Röhm & Haas Company, Philadelphia, $1,200 for continuation of a fellowship in chemistry during the academic year 1948-1949.

16. Smith, Kline, and French Laboratories, Philadelphia, $1,000 for continuation of the Walter G. Karr Fellowship during the academic year 1948-1949.

17. Standard Oil Company of California, San Francisco, $1,250, plus tuition, in support of a graduate fellowship in chemistry during the academic year 1948-1949.

18. Victor Chemical Works, Chicago Heights, $1,750 for continuation of a research assistantship in inorganic chemistry during the academic year 1948-1949.

19. Western Cartridge Company, Division of Olin Industries, Inc., East Alton, Illinois, $1,800 for continuation of a fellowship in chemistry, $1,500 for the stipend and $300 for the purchase of any special equipment or chemicals which might be needed in connection with the research.

20. The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio, $1,200 for continuation of a fellowship in ceramic engineering during the academic year 1948-1949, $1,000 for the stipend and $200 for miscellaneous expenses.

21. Pittsburgh Consolidation Coal Company, Pittsburgh, $2,250 for continuation of a fellowship in chemical engineering during the academic year 1948-1949, $1,250 for the stipend and $1,000 for tuition and other fees and to cover expenses incidental to the research.

22. Shell Fellowship Committee, New York City, $3,000 plus tuition fees in support of two fellowships, one in geology and one in chemical engineering, during the academic year 1948-1949, $1,200 for the stipend in each case and $300 to each department for expenses related to the research projects. If the fellows should be veterans, the Company will pay only the excess of fees and tuition over $500.

23. Standard Oil Company of Indiana, $450 for extension of a fellowship in Civil Engineering during June, July, and August, 1948.

24. Music Research Foundation, Inc., Washington, D.C., $1,200 in support of a research fellowship in the Department of Psychology to be known as "The Bonfils Fellowship for Music Research."

25. National Cancer Institute, $6,912 for studies to ascertain dyes which stain gastric mucosa when taken orally and susceptibility of monkey's stomach to heat and condiments, for one year beginning June 10, 1948.

26. United States Public Health Service, $5,500 for investigation by the Department of Bacteriology, College of Medicine, of the physiological effects of the influenza virus on the host, for one year from July 1, 1948.

27. John and Mary R. Markle Foundation, $5,000 for studies in therapy in infants and children by the Department of Pediatrics, for one year from September 1, 1948.

28. Bristol Laboratories, Syracuse, New York, $1,800 a year for a two-year period covering the academic years 1947-1948 and 1948-1949, in support of a fellowship in pathology.

29. American Cancer Society, $11,581.50 a year from October 1, 1946, through June 30, 1948, for research studies of relations between nucleus and cytoplasm by the Department of Pathology.

30. American Foundation for Pharmaceutical Education, $900 for the renewal of a fellowship in Pharmacognosy for one year beginning September 1, 1948; $600 for the renewal of a fellowship in Pharmacy for one year beginning October 1, 1948.

31. Life Insurance Medical Research Fund, $300 for research by the Department of Physiology, College of Medicine, in the treatment and prophylaxis of experimental hypertension.

32. United States Public Health Service, $11,800 for a study of the neurophysiological basis of epilepsy by the Department of Psychiatry.

33. American Medical Association, Committee on Scientific Research, $1,000 for research on studies on pancreatic function by the Department of Surgery.

34. Abbott Laboratories, $250 for studies on absorption of intraperitoneal fluids by the Department of Surgery.

35. The Upjohn Company, $2,844 for continuation of the study of the use of gelatin sponge in thoracic surgery by the Department of Surgery.

36. American Pharmaceutical Association, $850 for the study of adjusted ophthalmic solutions during the period July 1, 1948, to July 31, 1949, by the Department of Ophthalmology and the Illinois Eye and Ear Infirmary.

37. Illinois Federation of Women's Clubs, $2,000 for a fellowship in cancer in the Tumor Clinic, College of Medicine.

38. Dr. and Mrs. William R. Read, Dr. and Mrs. Otto Konzelman, Dr. and Mrs. Anthony Linowieski, and Dr. and Mrs. R. M. Hutchinson, all of Chicago, $50 to be used for cancer research in the Tumor Clinic.

39. United States Public Health Service, $9,990 for research on a quantitative method of indexing gingival disease and to determine the index of gingival disease in representative groups in the United States, by the Department of Histology, College of Dentistry.

40. Anonymous, $170 to the Department of Psychiatry.

41. Nutrition Research Laboratory, $83.33 a month during the months of June, July, August, and September, 1948, for research in arthritis by the Department of Physiology, College of Medicine.

42. Ciba Pharmaceutical Products, $1,500 for the study of primary irritant qualities and the skin sensitizing propensities of tetrahydrohurfuryl ester of nicotinic acid under the supervision of Dr. A. Rostenberg of the Department of Dermatology.

43. Commonwealth Fund, $500 to defray the laboratory expenses of a doctor sent by the Commonwealth Fund for advanced training and research in the Department of Pathology, during the year beginning September 1, 1948.

44. Council on White Mineral Oil, $2,000 for a study of Frazer's partition hypothesis of fat absorption.

45. Dr. C. I. Reed of the Department of Physiology, $370 for the electron microscope fund.

46. National Committee for Mental Hygiene, Inc., $500 to be added to the Scottish Rite Masonic Fund for research in dementia praecox under the supervision of the Department of Psychiatry.

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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 universities[1] 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 4½ 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.)
ISRAEL DAVID BOTNICK (N.Y.)
JAMES EFFORD BURGESS (Wis.)
LEONARD ANDREW HAUSMAN (Mo.)
JOSEPH JAMES HOLLAND (Mo.)
JAMES HOOPER (Tenn.)
JACK DEMPSEY HUGGINS (Mo.)
HAROLD WOODROW JONES (Okla., Ark.)
CHARLES SILEP (Ind.)
ROBERT WILSON SLEEPER (Md.)
MURRAY ALEXANDER WEBSTER (Ohio)

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. KENDELL, Head of the Department of Physical Medicine. The Office of the Surgeon General, Department of the Army, has requested the services of Professor Kendell 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 Kendell'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	
	$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
Total	$188 653

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, Hoopeston
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).

BUCY, PAUL C., Professor, Neurology and Neurological Surgery (Medicine) (¼), 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) (½), Assistant Professor, Oral and Maxillofacial Surgery (¼), Assistant Professor, Department of Postgraduate Studies (¼), (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 (¾), February 9-August 31, 1949, $3900 a year, supersedes (11-11-48).

GAGNON, JAMES A., Instructor, Histology (35/100), Operative Dentistry (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) (½), 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) (⅖), 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 (½), one year beginning September 1, 1948, $1400, Assistant, Education (½), 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 (¾), 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) (½), five months beginning September 1, 1948, $800 (10-20-48).

MACKAY, ROLAND P., Professor, Neurology (Neurology and Neurological Surgery) (Medicine) (⅓), 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 (½), 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) (½), beginning November 1, 1948, $3750 a year, supersedes (11-2-48).

ORAVEC, VERA A., Instructor, Foreign Languages (Undergraduate Division in Chicago) (¼), five months beginning September 1, 1948, $400 (10-20-48).

PETTICREW, G. A., Special Research Associate, Electrical Engineering (S) (¾), 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 (¼), nine months beginning September 16, 1948, $3250 (10-22-48).

ROTTSCHAFER, 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) (½), 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) (¼), and Institute of Labor and Industrial Relations (¼), 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).

TOLOMEO, 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, VERNA 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

Item	*Department*	*Vendor*	*Cost*
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.	3 639 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
		Total	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), Illiopolis	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

Item	*Department*	*Vendor*	*Cost*
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 4½ x 4½ ten lb. manila toilet tissue 1500 sheets a roll; 20 cases 4½ x 4½ 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.

Item	*Department*	*Vendor*	*Cost*
Draperies for the public areas of the new Women's Residence Hall	Physical Plant	W. Lewis & Co., Champaign	$7 344 77
Two 176″ x 6½″ x 1¾″ 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

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
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

With Whom	*Purpose*	*Amount to be Paid by the University*	*Date*
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 Illini 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

With Whom	*Purpose*	*Amount*	*Date*
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

With Whom	*Purpose*	*Amount*	*Date*
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

With Whom	*Property*	*Amount to be Paid to the University*	*Date*[1]
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.

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

January 13, 1949

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

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

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

1 p.m. — Open session.

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

President Stoddard was present; also Vice-President A. C. Ivy, Provost C. R. Griffith, Assistant to the President A. J. Janata, Secretary H. E. Cunningham, Comptroller Lloyd Morey, Professor W. H. Scheick, Coordinator of the Small Homes Council, and, during the open session, Director J. F. Wright.

MINUTES APPROVED

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

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

MEETING OF THE EXECUTIVE COMMITTEE

DECEMBER 28, 1948

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

MATTERS PRESENTED BY PRESIDENT STODDARD

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

INAUGURATION OF GOVERNOR

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

This report was received for record.

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

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

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

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

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

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

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

I recommend acceptance.

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

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

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

D. R. BLODGETT, Jacksonville
J. E. BLUE, Rockford
WAYNE BUTLER, Charleston
J. H. CHERRY, Joliet
CARRIE B. DAWSON, East St. Louis
P. L. EWING, Rockford
*M. P. GAFFNEY, Winnetka
J. E. HILL, Springfield
H. C. HUNT, Chicago
*KATHLEEN JARRETT, Bloomington
J. F. KARBER, Ridgway
*MARY R. LEMAY, Ottawa
W. R. MCINTOSH, Decatur
GERALD SMITH, Moline
R. M. WRIGHT, Robinson

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

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

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

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

I concur.

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

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

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

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

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

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

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

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

AWARD OF CONTRACT FOR INSTALLATION OF BARRIER AT CHICAGO UNDERGRADUATE DIVISION

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

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

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

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

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

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

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

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

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

Funds are available from Bookstore operations for this improvement.

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

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

AWARD OF CONTRACT FOR REPLACEMENT OF SIDEWALKS AT CHICAGO PROFESSIONAL COLLEGES

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

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

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

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

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

CONTRACT FOR ELECTRIC CRANE IN NEW CHEMISTRY BUILDING

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

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

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

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

INCREASE IN CONTRACT FOR PHYSICAL ENVIRONMENT ADDITION IN CHICAGO

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

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

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

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

PATENT ON SYNTHESIS OF SPARTEINE

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

I concur.

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

PURCHASES

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

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

PURCHASE OF DENTAL EQUIPMENT

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

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

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

I concur.

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

ASSIGNMENTS OF FUNDS BY BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

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

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

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

CONTRACT WITH WARNER CONSTRUCTION COMPANY FOR WOMEN'S RESIDENCE HALL

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

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

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

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

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

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

ARCHITECTURAL SERVICES ON STAFF HOUSING

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

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

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

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

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

The Executive Committee adjourned.

H. E. CUNNINGHAM
Clerk

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

[1] President Fornof, on December 30, 1948, appointed Mr. Kenney E. Williamson and President George D. Stoddard to serve on this committee.

EXECUTIVE SESSION

MATTERS PRESENTED BY PRESIDENT STODDARD

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

STAFF HOUSING RESEARCH PROJECT

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

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

Accordingly, I recommend:

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

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

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

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

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

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

PURCHASE OF LAND FOR COLLEGE OF AGRICULTURE

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

[1] See page 226 below.

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

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

HOUSING AT CHICAGO MEDICAL CENTER

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

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

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

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

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

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

REPORT OF EXECUTIVE COMMITTEE

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

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

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

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

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

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

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

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

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

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

[1] See page 226 below.

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

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

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

This report was received for record.

ESTATE OF MRS. THOMAS ARKLE CLARK

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

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

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

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

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

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

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

No action was taken on this matter.

REPORT OF FINANCE COMMITTEE ON INSURANCE PRACTICES

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

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

I. Fire and extended coverage insurance is not recommended on University buildings or contents except:
   1. Where required by contract to which the University is a party.
   2. Where express or implied trusts are involved which place an obligation upon the University to carry insurance as a legal requirement of good trusteeship.
   3. Where the rental charge or other income is set on the basis of current rates and normally includes the cost of insurance.
   4. Where funds are provided voluntarily from outside sources to be used in the payment of insurance premiums.

II. Casualty insurance coverage is not recommended on University risks except:
   1. Where required by contract to which the University is a party.
   2. Where it is expedient to protect University employee interests.
   3. Where it is expedient to have competent inspection service for the prevention of accidents.

III. Burglary, robbery, and theft insurance coverage is not recommended on University risks except:
   1. Where it is expedient to protect the University against loss in the handling of all cash and securities.
   2. Where the rental charge or other income is set on the basis of current rates and normally includes the cost of insurance.

IV. Bond coverage is not recommended on University risks except:
   1. Where required by law.
   2. Where it is expedient to protect the University against fidelity loss in the handling of property.

V. Insurance is recommended for the hospital and medical service program for students under the special fee required of them and available to staff members.

(The foregoing recommendations are as proposed by the Advisory Committee except that the Advisory Committee recommended against insurance of hospital and medical service. The Finance Committee does not concur in that recommendation.)

VI. Coinsurance is recommended:
   1. Where a loan agreement or contract requires coverage to at least 80 per cent of the value of the property (fire and extended coverage).
   2. Where it is required by insurance contract in order to obtain the coverage desired.
   3. Where insurance is carried on income producing properties insured to at least 80 per cent of their value.
   4. The amount of coinsurance shall be determined as follows:
      a. The requirements of a given contract.
      b. Otherwise, 80 per cent shall be considered as standard.
   5. The insurable values of University property insured subject to coinsurance shall be determined and maintained as follows:
      a. Valuation on buildings shall be determined and maintained by the Architectural Department of the Physical Plant except in those instances where the Physical Plant and the Business Office may feel outside valuations necessary.
      b. Valuation of contents shall be determined by outside appraisals. The frequency or need for any upkeep service of such appraisals shall be left to the discretion of the Business Office.

B. The foregoing recommendations include (No. II-2) insurance in excess of the legal liability of the University ($2,500 in each instance) for bodily injury and property damage in connection with automotive and aircraft equipment and protection of the operators of such equipment. This practice is followed by other departments of the State and we think that public policy dictates the continuation of this policy. The Finance Committee further concurs in the recommendation of the Vice-President of the Professional Colleges and the Dean of the College of Medicine that malpractice insurance be carried on the full-time staff engaged in the direct treatment and care of patients. This

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

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

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

1. In determining the amount of insurance to be allocated to any one company, consideration shall be given to the amount of insurance to be placed in comparison with the financial rating of the company.
2. All liability policies shall contain a legal immunity endorsement prohibiting the insurance company from taking advantage of any legal immunity to which the University as a public institution might be entitled.
3. The policies placed with mutual companies shall be of the nonassessable type.

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

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

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

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

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

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

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

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

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

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

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

REVISIONS IN BIENNIAL OPERATING BUDGET FOR 1949-1951

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

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

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

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

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

I. Analysis of Increases by Purpose and Location. Original increases requested and proposed revisions.

II. Budget Estimate for Operation 1949-1951 Biennium. Comparative budgets for 1947-1949, and for 1949-1951 as revised, classified according to expenditures and sources of funds in the standard form required by the Department of Finance.

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

The Comptroller and the Provost commented on the changes.

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

SCHEDULE I

BIENNIAL BUDGET FOR OPERATIONS, 1949-1951

ANALYSIS OF INCREASES BY PURPOSE AND LOCATION

(With Tentative Allocation of Revision to Conform to Budgetary Commission Recommendation)

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

SCHEDULE II

BUDGET ESTIMATE FOR OPERATION 1949-1951 BIENNIUM

SUMMARY BY OBJECT AND FUND

(WITH APPROPRIATION FOR 1947-1949)

Revised to Conform to Budgetary Commission Recommendation

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

ELECTRONIC DIGITAL COMPUTER PROJECT

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

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

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

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

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

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

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

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

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

DIVISION OF SOCIAL WELFARE ADMINISTRATION

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

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

PRESIDENT STODDARD REPORTS ON UNESCO

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

OPEN SESSION

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

APPOINTMENT OF ACTING HEAD OF THE DEPARTMENT OF ENGLISH

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

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

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

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

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

Earl Warren Allen
Warren Lewis Alsberg
Robert Aronson
Paul Gudmundur Asgeirson
Walter Robert Baron
Benjamin Q. Beckerman
Manfred Hulgar Bengtson
Theodore Berger
Sidney William Berman
John Joseph Bieg
Robert Philip Bleicher
Donald Norman Botsford
Wayne Struve Boutell
Francis Virgil Boyd
Fred Cahnmann
Leonard William Campbell
Robert Thomas Campion
Bertram Lionel Chez
Alois Frank Cina
Bernard Francis Cinkoske
Thomas Francis Clark, Jr.
John Christian Walter Clemens
Lloyd Truman Clemetsen
Ralph Gilbert Conger
Lawrence John Desmond
Robert Louis Dicke
Robert Felix Dickey
Leo Vincent Dieter
Lawrence Strode Dunham
Olin Neill Emmons
Erskine Phelps Eustice, Jr.
Anthony Philip Falduto
Thomas Bert Fauls
Charles Wolfgang Field

WALLACE EDWIN FINKE
ROBERT EARL FISH
JOHN SARSFIELD FLANNERY
JAMES ELROD FLETCHER
LAWRENCE EUGENE FRAZEE
LEWIS SAMUEL FROST
JOSEPH THOMAS GAISER
BERNARD JERALD GARFINKEL
FRED W. GEYLER
ABE MYRON GOLDRICH
WILLIAM EARLE GREENE
ALBERT CLARENCE GREER
SAMUEL JOHN GUY
PHILIP B. HAHN
NEWTON FRANKLIN HAMPEL
NORMAN HANDELSMAN
JEROME HARRIS
RAYMOND VICTOR HIRST
GORDON CROME HORTIN
WALTER MARK HORWICH
GEORGE E. HUNT, JR.
ARTHUR JAMES HUTTON
WILLIAM MYRON IKERT
ARTHUR ROLAND KELLER, JR.
WARREN ERNEST KING
RICHARD FRANKLIN KRATOCHWILL
EDWARD JOHN KREGG
LOUIS KUIPERS
GEORGE MILTON LEAVITT
RICHARD STANLEY LEDERMANN
HENRY FRED LEVIN
AREN ARNOLD LEWIS
KULLERVO LOUHI
DAVID ALLEN MACKIE
ABRAHAM A. MADDEN
PAUL LEO MARCINKOSKA
EUGENE FREDERICK MCBRIDE
WILLIAM FRANCIS MCGLINN
MORRIS ALBERT MEERSON
VICTOR ERIC MERTINS
CHARLENE RHODA MILLER
WILLIAM ANTHONY MINARICH
HAROLD BENJAMIN MINKUS
HARVEY EARLE MITTENTHAL
MITSUKAZU MIYAKE
JAY SHERWIN MORRIS
SHELDON ALFRED MORRISON
JOHN THOMAS MURRAY
ROBERT WILLIAM MYERS
JOSEPH FERDON NEIL, JR.
ROBERT E. NELSON
SAMUEL NEWMAN
EDWARD HAROLD NOEHRE
FRANCIS BORGIA O'BRIEN
HENRY ROBBINS ODELL
BENJAMIN P. O'NEILL
SAMUEL JACKSON OSHEROFF
SIDNEY PANCOE
KENNETH HAROLD PRICE
MORTON DENNISON PROUTY, JR.
THOMAS FRANKLIN RAMSEY, JR.
MATTHEW C. RAYNARD
RICHARD FRED REINCKE
DONOVAN CAMPBELL ROBERTS
BERNARD HARRIS ROSS
JAMES WARREN ROWLAND
JULIAN RICHARD SAYRE
ARTHUR EDWARD SERWICH
HAROLD EDWARD SEYLLER
OSCAR SHIRMAN
VICTOR HOWARD SHULMAN
PHILIP SLUTZKY
JACK CARSON SMITH
LEROY ALEXANDER SMITH
LEO JOHN SOKOL
ALEX SOLL
PAUL HORACE SPENCER
JOHN HAROLD STAFFORD
ROBERT EDWARD STAUFFER
CHARLES WILLIAM STROEHER
LAWRENCE MAYES SUMMERVILLE
GORDON RAYMOND TELLING
HARTLEY WILLIAM VOIGT
HAYS THOMAS WATKINS, JR.
RAYMOND S. WEISLER
MELBOURNE DAILL WELLS
HALE CHRISTY WHITCOMB
JOSEPH DAVID WOLGEL
DICK YIN WONG
VYTOLD CHARLES YASUS
EARL FRANCIS YOUNG

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

ALBERT D. BERNING (Ohio)
JOSEPH EDWARD BURKE (N.Y.)
GEORGE OSCAR CARLSON (Tex.)
WILLIAM DICKERSON CONKLIN (N.Y.)
CLAUDE RAYMOND GILES (Wis.)
ROBERT HENRY GREGORY (Tex.)
JAMES RAY HARRIS (Okla.)
ARTHUR HENRY KLOTZ (Ind.)
CLARENCE HENRY KOEBBE (Mich.)
JOHN A. LINDQUIST (N.Y.)
JAMES JOSEPH MAHON, JR. (Pa.)
CLARENCE BOYD NEVILLE (Tex.)
VIRGIL GRANT ORCUTT (Mo.)
ALBERT NEWTON PATTON (Ohio)
GLENN ORRIN PETTY (Pa.)
JOHN CLARKSON POTTER (Mass.)
EDWARD CARL PRELLWITZ (Wis.)
JEAN WILSON ROGERS (Mo.)
GUSTAVE FREDERICK SCHWEITZER (Pa.)
WILLIAM JOHN SLAIS (Mo.)
HASSEL TIPPIT (Ohio)
LOUIS CARL WEISS (Ohio)
ALVIN THOMAS WILKINSON (Mass.)

I concur.

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

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

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

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

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

Third Year

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

Fourth Year

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

Summarized the total requirements of the curriculum are as follows:

	HOURS
Physical Education	44
Social Studies	17
Biological Science	14–16
Rhetoric and Speech	12
Psychology	7
Art and Music	4
Military	4
Minor in: Biological Science, Social Studies, English and Speech, Psychology, Fine Arts	12
Electives	16–14
Total	130

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

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

RELEASE OF FUNDS FOR BUILDING AND CAPITAL IMPROVEMENTS

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

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

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

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

LAPSING OF BALANCES IN APPROPRIATIONS FOR MINOR REMODELING AND PLANT EXTENSIONS

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

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

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

I concur and recommend approval.

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

APPROPRIATION FOR REPLACEMENT OF NEWTON SOIL EXPERIMENT FIELD BUILDING AND EQUIPMENT

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

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

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

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

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

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

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

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

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

I concur.

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

PURCHASES

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

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

COMPTROLLER'S REPORT OF CONTRACTS

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

This report was received for record.

APPOINTMENTS TO THE FACULTY MADE BY THE PRESIDENT OF THE UNIVERSITY

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

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

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

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

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

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

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

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

REPORT OF AUDIT OF UNIVERSITY ACCOUNTS

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

This report was received for record.

INVESTMENTS

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

ENDOWMENT FUNDS

Purchases:

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

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

APPOINTMENT OF UNIVERSITY AUDITORS

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

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

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

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

ADDITION TO CONTRACT FOR GENERAL WORK ON THE MECHANICAL ENGINEERING BUILDING

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

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

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

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

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

ADDITION TO CONTRACT FOR REMODELING OF DAVID KINLEY HALL

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

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

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

ADDITION TO PLUMBING CONTRACT FOR STUDENT AND STAFF APARTMENTS

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

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

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

CONTRACT FOR REMODELING PHYSICAL EDUCATION FACILITIES AT CHICAGO UNDERGRADUATE DIVISION

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

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

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

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

CONTRACT FOR BUILDING ALTERATIONS IN THE RESEARCH AND EUCATIONAL HOSPITALS

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

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

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

I concur.

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

WOMEN'S RESIDENCE HALLS REVENUE BONDS

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

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

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

Five bids were received representing fifteen companies. The lowest bid is offered by Shields and Company and Eastman, Dillon, and Company as a joint bid with an effective interest rate of 2.71815 per cent for all bonds. Bonds maturing through 1952 will bear interest at 4 per cent; bonds maturing from 1953 through 1961 will bear interest at the rate of 2½ per cent; and bonds maturing from 1962 through 1973 will bear interest at the rate of 2¾ per cent.

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

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

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

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

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

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

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

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

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

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

degrees to said Lincoln Avenue, the same being a part of the North Half (N½) of the South East Quarter (SE¼) of Section Eighteen (18), Township Nineteen (19) North of Range Nine (9) East of the Third (3rd) Principal Meridian" and contracts have been let for the construction and equipment of said residence halls for women students of said University, and based upon the contracts heretofore let this Board of Trustees has heretofore estimated and does hereby estimate that the cost of the construction of the new women's residence halls upon said above described property located at 1005 South Lincoln Avenue, complete with all equipment, will aggregate the sum of $3,400,000; and

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

WHEREAS in order to produce the additional $800,000 necessary for the completion and equipment of said women's residence halls located on the property hereinabove described at 1005 South Lincoln Avenue in the City of Urbana, Illinois, it will be necessary that this Board of Trustees borrow money and issue its revenue bonds in the principal amount of $800,000 as authorized pursuant to the Act hereinabove referred to:

NOW, THEREFORE, Be It and It Is Hereby Resolved by the Board of Trustees of the University of Illinois, as follows:

SECTION 1. That it be and it is hereby determined by the Board of Trustees of the University of Illinois, that it is necessary and for the best interests of the University of Illinois that it borrow the sum of $800,000 to complete the construction of and to fully equip the new women's residence halls located on the property described in the preambles of this resolution at 1005 South Lincoln Avenue, in the City of Urbana, Illinois, and in evidence thereof issue its revenue bonds in the principal amount of $800,000.

SECTION 2. That said bonds shall be designated "Women's Residence Halls Revenue Bonds of 1949," be numbered 1 to 800, inclusive, be of the denomination of $1,000 each, be dated February 15, 1949, bonds numbered 1 to 70, inclusive, to bear interest at the rate of four per cent (4%) per annum, bonds numbered 71 to 334, inclusive, to bear interest at the rate of two and one-half per cent (2½%) per annum, and bonds numbered 335 to 800, inclusive, to bear interest at the rate of two and three fourths per cent (2¾%) per annum, interest payable October 1, 1949, and semi-annually thereafter on the first days of April and October in each year, and to become due as follows:

Principal Amount	*Bond Numbers*	*Maturity Dates*
$11,000	1- 11 incl.	April 1, 1950
11,000	12- 22 "	October 1, 1950
12,000	23- 34 "	April 1, 1951
12,000	35- 46 "	October 1, 1951
12,000	47- 58 "	April 1, 1952
12,000	59- 70 "	October 1, 1952
13,000	71- 83 "	April 1, 1953
13,000	84- 96 "	October 1, 1953
13,000	97-109 "	April 1, 1954
13,000	110-122 "	October 1, 1954
14,000	123-136 "	April 1, 1955
14,000	137-150 "	October 1, 1955
14,000	151-164 "	April 1, 1956
14,000	165-178 "	October 1, 1956
14,000	179-192 "	April 1, 1957
15,000	193-207 "	October 1, 1957
15,000	208-222 "	April 1, 1958
15,000	223-237 "	October 1, 1958
15,000	238-252 "	April 1, 1959
16,000	253-268 "	October 1, 1959
16,000	269-284 "	April 1, 1960
16,000	285-300 "	October 1, 1960
17,000	301-317 "	April 1, 1961

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

provided, however, said bonds shall be redeemable as a whole or in part in the inverse order in which they are numbered, prior to their maturity on any interest payment date at the option of said Board of Trustees of the University of Illinois on or after April 1, 1952, and up to and including October 1, 1953, at par and accrued interest and a premium of three per cent (3%) of the principal amount thereof and a premium of two per cent (2%) of the principal amount thereof if redeemed on April 1, 1954, or on any interest payment date thereafter up to and including October 1, 1958, and a premium of one per cent (1%) of the principal amount thereof if redeemed on April 1, 1959, or on any interest payment date thereafter before maturity.

Notice of redemption of any or all of said bonds shall be given by publication at least once not less than thirty days prior to the date of redemption, such publication to be made once in one newspaper published and of general circulation in the City of Chicago, Illinois, and such notice of redemption shall, with substantial accuracy (a) designate the date and place of redemption, such place to be at the office of the Depositary hereinafter mentioned in the City of Chicago and State of Illinois; and (b) designate the numbers and the aggregate principal amount of such bonds; and (c) state that on the designated date of redemption said bonds will be redeemed by payment of principal thereof and the accrued interest thereon to date of redemption, plus the applicable redemption premium, and that from and after the designated redemption date interest in respect of all bonds so called for redemption shall cease.

SECTION 3. Any of said bonds may be registered as to principal at any time prior to maturity in the name of the holder on the books of registration of said University to be kept in the office of the Depositary hereinafter mentioned, such registration to be noted on the reverse side of the bonds by the said Depositary as registrar. After such registration no transfer of such bonds shall be valid unless made on the said books by the registered owner in person or by his duly authorized attorney and similarly noted on such bonds. Upon presentation of any of such bonds registered as to principal, accompanied by a written instrument of transfer satisfactory to the Depositary hereinafter mentioned, executed by the registered owner, or by a duly authorized attorney, such bond shall be transferred upon such books. The registered owner of any such bond registered as to principal shall also have the right to cause the same to be discharged from registration by transfer to bearer, in which case transferability by delivery shall be restored, and thereafter the principal of such bond when due shall be payable to the person presenting such bond. Any such bond registered as payable to

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

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

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

(Form of Bond)

UNITED STATES OF AMERICA

STATE OF ILLINOIS

UNIVERSITY OF ILLINOIS

WOMEN'S RESIDENCE HALLS REVENUE BOND OF 1949

KNOW ALL MEN BY THESE PRESENTS, that the University of Illinois, a body corporate and politic, for value received, hereby promises to pay to bearer, or if this bond be registered as hereinafter provided, then to the registered holder hereof, solely from the special fund of said University, as hereinafter mentioned, and not otherwise, the principal sum of One Thousand Dollars ($1,000) on ....., 194....., and to pay interest on said sum from the date hereof until paid at the rate of ..... per cent (.....%) per annum, payable October 1, 1949, and semi-annually thereafter on the first days of April and October in each year, until maturity hereof, in accordance with and upon presentation and surrender of the annexed interest coupons as they severally become due.

Both principal and interest of this bond are hereby made payable in lawful money of the United States of America at The Northern Trust Company in the City of Chicago and State of Illinois.

This bond and the series of which it forms a part is issued under authority of an Act of the Legislature of the State of Illinois, entitled "An Act to authorize the Board of Trustees of the University of Illinois to acquire by purchase or otherwise, construct, equip, complete, operate, control and manage student residence halls, staff housing facilities, dormitories, health and physical education buildings, or other revenue producing building or buildings, defining the duties of such Board with respect to operation and maintenance thereof, charge fees or rates for the use thereof, and providing for and authorizing the issue of bonds for the purpose of defraying the cost of construction, acquisition or equipment of any such building or buildings, payable solely from the revenues derived from the operation thereof, and for the refunding of any such bonds." Approved June 30, 1945. L. 1945, p. 1753; title as amended by Act approved July 21, 1947, as amended, and all other Laws supplementary thereto, and a resolution duly adopted by the Board of Trustees of the University of Illinois for the purpose of defraying part of the cost of constructing new women's residence halls, located at 1005 South Lincoln Avenue in the City of Urbana, Illinois, and is payable solely from the net revenue to be derived from the operation of said building, and not otherwise, and this bond and the series of which it forms a part do not constitute an indebtedness of said University or of the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University or the State of Illinois is pledged to the payment of this bond or the interest thereon.

Under said Act of the Legislature of the State of Illinois and other Laws supplementary thereto and the said resolution adopted pursuant thereto, the net revenue derived from the operation of said building shall be deposited with The Northern Trust Company, in the City of Chicago, Illinois, under a Deposit Agreement entered into between the Board of Trustees of the University of

Illinois and the said Bank, and used only for the purpose of paying the fees and expenses of such Depositary, principal of and interest on the bonds of said University that are issued under authority of said Act of the Legislature of the State of Illinois and the resolution of the Board of Trustees, hereinabove referred to, and which are payable by their terms only from the net revenue of said women's residence halls located at 1005 South Lincoln Avenue, in the City of Urbana, Illinois.

It is hereby certified and recited that all acts, conditions and things required to be done precedent to and in the issuance of this bond by the Constitution and Statutes of the State of Illinois, and the applicable resolutions of said Board of Trustees of the University of Illinois, have been done and have happened and have been performed in regular and due form and time as required by law and that provision has been made for depositing the net revenue derived from the operation of said buildings with the said The Northern Trust Company, to be applied in the manner as hereinabove set forth.

This bond is one of an authorized issue of $800,000, all of like date and of the denomination of $1,000 each, numbered from 1 to 800, inclusive, and said bonds are subject to redemption as a whole or in part in the inverse order in which they are numbered, prior to maturity, on any interest payment date on or after April 1, 1952, and up to and including October 1, 1953, at par and accrued interest and a premium of three per cent (3%) of the principal amount thereof, and a premium of two per cent (2%) of the principal amount thereof if redeemed on April 1, 1954, or on any interest payment date thereafter up to and including October 1, 1958, and a premium of one percent (1%) of the principal amount thereof if redeemed on April 1, 1959, or on any interest payment date thereafter before maturity.

Notice of redemption of any or all of said bonds shall be published once not less than thirty days prior to date of redemption; such publication to be made in one newspaper published and of general circulation in the City of Chicago, and when this bond or any of the bonds of such authorized issue shall have been called for redemption, interest thereon shall cease from and after the specified redemption date.

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

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

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

provided for in and by said Deposit Agreement, and to establish from time to time charges and fees for the use of said buildings and to maintain and collect charges and fees sufficient to pay the reasonable cost of operating, maintaining, insuring and repairing of said buildings, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues until all of such bonds have been paid in full, both as to principal and interest.

IN WITNESS WHEREOF, said University of Illinois, by its Board of Trustees, has caused this bond to be signed by the President of the Board of Trustees and two members thereof, its corporate seal to be hereto affixed, attested by the Secretary of said Board, and the coupons hereto attached to be authenticated by the facsimile signatures of the President and Secretary of said Board of Trustees, and this bond to be dated the fifteenth day of February, 1949.

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

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

ATTEST:

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

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

(Form of Coupon)

Number..... $.....

On the first day of ....., 19.....* (unless the within mentioned bond has theretofore been called for payment, as therein provided, and payment made or provided for), the University of Illinois will pay to bearer solely from the special fund referred to in the said bond to which this coupon is attached, ... Dollars ($.....) in lawful money of the United States of America at The Northern Trust Company, in the City of Chicago, Illinois, being interest then due on its Women's Residence Halls Revenue Bond of 1949, dated February 15, 1949, Number .....

.....
President, Board of Trustees

.....
Secretary, Board of Trustees

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

(Form of Registration)

Date of Registration	In Whose Name Registered	Signature of Registrar

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

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

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

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

WITNESSETH:

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

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

adopted by said Board of Trustees of the University of Illinois on the 13th day of January, 1949, has issued or is about to issue Eight Hundred Thousand Dollars ($800,000) principal amount of its Women's Residence Halls Revenue Bonds of 1949 for the purpose of defraying part of the cost of constructing new women's residence halls on the following described property:

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

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

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

Bonds numbered 1 to 70, inclusive, bearing interest at the rate of four per cent (4%) per annum, bonds numbered 71 to 334, inclusive, bearing interest at the rate of two and one-half per cent (2½%) per annum and bonds numbered 335 to 800, inclusive, bearing interest at the rate of two and three fourths per cent (2¾%) per annum, interest payable October 1, 1949, and semi-annually thereafter on the first days of April and October in each year, said bonds being redeemable as a whole or in part in the inverse order in which they are numbered, prior to their maturity, on any interest payment date on or after April 1, 1952 and up to and including October 1, 1953, at par and accrued interest and a premium of three per cent (3%) of the principal amount thereof, a premium of two per cent (2%) of the principal amount thereof if redeemed on April 1, 1954, or on any interest payment date thereafter up to and including October 1, 1958, and a premium of one per cent (1%) of the principal amount thereof if redeemed on April 1, 1959, or on any interest payment date thereafter before maturity.

Notice of redemption shall be given by publication at least once not less than thirty days prior to date of redemption, such publication to be made once in one newspaper published and of general circulation in the City of Chicago, Illinois; and

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

the said women's residence halls, the term "net revenues" as used herein meaning the gross revenues of the said building, less the reasonable cost of operating, insuring, maintaining and repairing the said women's residence halls; and

WHEREAS the University has, in and by the said resolution, covenanted and agreed, for the benefit of the holders from time to time of the said bonds and the interest coupons thereto appertaining, that the net revenues of the said women's residence halls will be from time to time deposited with the Depositary and used only for the payment of the fees and expenses of the Depositary, principal of, premium, if any, and the interest on the said bonds; and

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

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

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

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

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

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

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

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

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

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

(a) Designate the date and place of redemption, such place to be the office of the Depositary, in the City of Chicago and State of Illinois;

(b) If the bonds to be redeemed are less than all of those outstanding, designate the numbers and the aggregate principal amount of such bonds; and

(c) State that on the designated date of redemption said bonds will be redeemed by payment of the principal thereof and the accrued interest thereon, plus the applicable redemption premium, and that from and after the designated redemption date interest in respect of the bonds so called for redemption will cease.

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

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

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

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

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

(b) The Depositary shall not be accountable for any of the proceeds of the bonds or of the revenues of the said women's residence halls nor for any other funds of the University, except such funds as may be deposited hereunder. The Depositary shall not be required to allow interest on any funds at any time deposited hereunder. The Depositary may become the owner of bonds of the said issue with the same rights which it would have if not Depositary.

(c) The Depositary shall not be liable for any action taken or omitted to be taken by it in good faith and in the exercise of reasonable care and believed by it to be within the discretion or power conferred upon it by this agreement, nor shall the Depositary be responsible for the consequences of any error of judgment, and the Depositary shall not be answerable except for its own acts, neglect and default, nor for any loss unless the same shall happen through the negligence or want of good faith of the Depositary.

(d) The Depositary shall be entitled to advice of counsel concerning all matters arising under this agreement and its duties hereunder, and may in all cases pay such reasonable compensation as it shall deem proper to such counsel and all such outlays and expenditures shall be repaid to the Depositary out of the sinking fund money.

(e) The Depositary shall not be required to give any bond or surety in respect of the exercise of the duties and powers conferred hereby or otherwise in respect of the premises.

(f) The Depositary shall have a first lien hereunder upon the sinking fund moneys for reasonable compensation, expenses, advances and counsel fees incurred in and about the exercise and performance of its powers and duties hereunder, and the cost and expense of defending against any liability in the premises of any character whatsoever. The compensation of the Depositary shall not be limited to or by any provision of law in regard to the compensation of a trustee of an express trust.

(g) The Depositary at the time acting hereunder may at any time resign by giving not less than sixty (60) days' written notice to the University specifying the date when such resignation takes effect.

SECTION 5. The University covenants that in case the Depositary at the time acting hereunder shall resign or be dissolved or shall be in the course of dissolution or liquidation or otherwise become incapable of acting hereunder, the University will forthwith appoint a successor Depositary which shall be a trust company or bank in good standing located in the State of Illinois and having a capital and surplus of not less than Five Million Dollars ($5,000,000), if there be such a trust company or bank willing, qualified and able to accept the appointment upon reasonable or customary terms.

Every successor Depositary appointed hereunder shall execute, acknowledge and deliver to its predecessor and also to the University an instrument in writing accepting such appointment hereunder, and thereupon such successor Depositary, without any further act, deed or conveyance, shall become fully vested with all of the estates, rights, powers, duties and obligations of its predecessor, and every predecessor Depositary shall deliver all moneys and securities, together with a record of the amount and the numbers of the outstanding bonds, to its successor; provided, however, that before such delivery is required or made, all fees, advances, and expenses of the retiring Depositary shall be paid in full.

Any corporation into which the Depositary or any successor to it may be merged or converted or with which it or any successor to it may be consolidated, or any corporation resulting from any merger, conversion or consolidation to which the Depositary, or any successor to it shall be a party, shall be the successor Depositary under this agreement without the execution or filing of any paper on the part of either of the parties hereto.

SECTION 6. Nothing in this agreement expressed or implied is intended or shall be construed to confer upon any person, firm or corporation, other than the parties hereto and the holders of the said bonds and the coupons thereto appertaining, any right, remedy or claim, legal or equitable, under or by reason of this agreement or any covenant, condition or stipulation hereof.

IN WITNESS WHEREOF, said University of Illinois, acting by and through its Board of Trustees, has caused this agreement to be signed in its name by the President of the Board of Trustees and the Treasurer thereof and its corporate seal to be hereunto affixed and attested by the Secretary thereof, and said The Northern Trust Company has caused this agreement to be signed in its corporate name by one of its Vice Presidents and its corporate seal to be hereunto affixed and attested by one of its Assistant Secretaries, all as of the day and year first above written.

UNIVERSITY OF ILLINOIS

By.....
President, Board of Trustees

ATTEST:

.....
Secretary, Board of Trustees

.....
Treasurer, University of Illinois

THE NORTHERN TRUST COMPANY
As Depositary

ATTEST:

.....
Assistant Secretary

By.....
Vice President

SECTION 7. Said University hereby covenants that proper books of record and account will be kept, in which full, true and correct entries will be made of all income, expenses and financial transactions of and in relation to the said women's residence halls, and that it will furnish to the Depositary and to the original purchasers of said bonds on or before October 1 in each year so long as any bonds remain outstanding a statement certified as correct by the Comptroller and Treasurer of the University, showing the gross operating revenues, the operating expenses, and the net revenues of said women's residence halls for the twelve months' period ending on the next preceding June 30.

SECTION 8. The University covenants that while any of the bonds authorized hereunder remain outstanding it will establish charges and fees for the use of said women's residence halls and all of the facilities thereof adjusted so as to provide revenues at all times sufficient to pay the reasonable cost of maintaining, operating, insuring and repairing the said women's residence halls, to pay the interest from time to time becoming due on the said bonds from time to time outstanding, and to provide for the payment of the principal of such bonds at maturity.

SECTION 9. It is hereby covenanted and agreed that while any revenue bonds issued hereunder are outstanding no additional revenue bonds shall be issued which, by their terms, are payable from the revenues of said women's residence halls located at 1005 South Lincoln Avenue, in the City of Urbana, Illinois, unless and until all revenue bonds issued pursuant to the terms of this resolution have been paid in full, both as to principal and interest, or until provision shall have been made for such payment in full.

SECTION 10. Said University of Illinois hereby covenants and agrees with the holder or holders of the bonds herein proposed to be issued, or any of them, that it will punctually perform all duties with reference to said women's residence halls required by the Constitution and Laws of the State of Illinois, including the making and collecting of sufficient charges and fees for the use of said properties and all of the facilities thereof, and segregating the revenue thereof and the application of the income and revenue thereof, as provided by this resolution; and it hereby covenants and agrees not to sell, lease, loan, mortgage or in any manner dispose of said women's residence halls, including any and all extensions and improvements that may be made thereto, until all of the bonds herein authorized to

be issued shall have been paid in full, both principal and interest, or unless and until provision shall have been made for the payment thereof in full, and the said University further covenants and agrees with the holders of said bonds to maintain in good condition and continuously operate said women's residence halls and maintain and keep in full force and effect at all times adequate insurance for the protection of said properties, including multi-risk insurance, covering loss or damage to said properties and use and occupancy insurance covering loss of use of said properties. The cost of maintaining all insurance shall be deemed to be an operating charge and shall be paid only from revenues.

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

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

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

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

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

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

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

Passed....., 1949.

Recorded....., 1949.

.....
President, Board of Trustees

ATTEST:

.....
Secretary

STATE OF ILLINOIS }
COUNTY OF CHAMPAIGN } SS

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

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

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

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

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

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

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

RESOLUTION OF APPRECIATION OF GOVERNOR GREEN

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

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

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

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

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

REPORTS OF THE SECRETARY

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

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

The Board adjourned.

H. E. CUNNINGHAM
Secretary

JOHN R. FORNOF
President

EXECUTIVE COMMITTEE MEETING

JANUARY 18, 1949

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

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

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

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

Purchase of Land for College of Agriculture

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

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

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

Staff Housing Research Project

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

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

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

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

The Committee adjourned.

H. E. CUNNINGHAM
Clerk

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

STAFF HOUSING RESEARCH PROJECT

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

MATTERS PRESENTED BY PRESIDENT STODDARD

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

INSTITUTE OF AVIATION

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

I recommend approval.

This change of name was approved as recommended.

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

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

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

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

This authority was given as recommended.

AWARD OF CONTRACT FOR TEMPORARY HOUSING SANITARY SEWER

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

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

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

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

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

This authority was given as recommended.

ADDITION TO CONTRACT FOR GENERAL WORK ON STUDENT AND STAFF APARTMENTS

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

Funds are available for this addition.

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

This addition to contract was authorized as recommended.

PURCHASES

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

These purchases were authorized as recommended.

The Executive Committee adjourned.

H. E. CUNNINGHAM
Secretary

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

APPENDIX

APPOINTMENTS MADE BY THE PRESIDENT

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

ANISON, GEORGE, Instructor, Otolaryngology (Medicine), six months beginning January 1, 1949, without salary, supersedes (12-29-48).

AXEL, PETER, Assistant Professor, Physics (C), second semester of the academic year beginning February 1, 1949, $4500 a year (12-8-48).

BARNES, F. P., Assistant Professor, Education, academic year beginning September 1, 1949, $5200 (12-31-48).

BERSON, ROBERT C., Assistant Professor, Medicine (Medicine), one year beginning September 1, 1948, without salary (in addition to his appointment as Assistant Director of Clinics, Research and Educational Hospitals, and Assistant Dean, College of Medicine) (12-31-48).

BOYD, RETTA E., Assistant Director of Clinics, in Charge of Neuropsychiatric Clinics (Research and Educational Hospitals), eleven months beginning October 1, 1948, $4200 a year, supersedes (12-13-48).

COCHRUN, IRWIN A., Lecturer, Marketing (Business Organization and Operation) (⅕), five months beginning February 1, 1949, $500 (12-17-48).

COHEN, LAWRENCE, Assistant, Otolaryngology (Medicine), six months beginning January 1, 1949, without salary (12-29-48).

COULTAS, T. A., Instructor, Mechanical Engineering (C), second semester of the academic year beginning March 1, 1949, $3500 a year, supersedes (12-8-48).

DAMMERS, WARREN R., Instructor, Pediatrics (Medicine), eleven months beginning October 1, 1948, $3600 a year (11-18-48).

DRAPEAU, JOSEPH E., JR., Special Lecturer, Powder Metallurgy (Mining and Metallurgical Engineering) (C), one year beginning September 1, 1948, without salary (12-8-48).

DUNLOP, KATHLEEN E., Research Assistant, Bureau of Economic and Business Research, November 15, 1948-August 31, 1949, $2700 a year (12-17-48).

DUNN, WILLIAM F., Instructor, Management (Business Organization and Operation), second semester of the academic year beginning February 1, 1949, $1650, supersedes (12-17-48).

FENTON, FRANCES H., Registered Pharmacist, Hospital Pharmacy (Pharmacy), December 13, 1948-August 31, 1949, $3300 a year (12-13-48).

FERBER, ROBERT, Research Assistant Professor, Bureau of Economic and Business Research, nine months beginning December 1, 1948, $6110 a year (11-18-48).

FLORES, SAMSON S., Assistant, Full and Removable Partial Dentures (Dentistry), eight months beginning January 1, 1949, $2600 a year, supersedes (12-29-48).

FRETER, P. L., Instructor, Business Law (Business Organization and Operation), six months beginning March 1, 1949, $1750, supersedes (12-2-48).

FREUDENTHAL, ALFRED M., Research Professor, Theoretical and Applied Mechanics (S), indefinite tenure beginning September 1, 1949, $10,000 a year, supersedes (1-4-49).

GOODMAN, WILLIAM, Instructor, Otolaryngology (Medicine), six months beginning January 1, 1949, without salary, supersedes (12-29-48).

GREY, THOMAS G., Special Research Assistant, Electrical Engineering (S), full time, November 1, 1948-February 8, 1949, $3300 a year, (½), February 9-August 31, 1949, $1650 a year, supersedes (11-18-48).

HAEBERLIN, JOHN B., JR., Clinical Assistant, Dermatology (Medicine), one year beginning November 1, 1948, without salary (12-13-48).

HALL, HERMAN S., Lecturer, Business Management Service, December 6, 1948-August 31, 1949, $6000 a year (12-11-48).

HALLIWELL, GEORGE P., Special Lecturer, Non-Ferrous Metallurgy (Mining and Metallurgical Engineering) (C), one year beginning September 1, 1948, without salary (12-8-48).

HALSEY, JAMES F., Research Assistant Professor, Fluid Mechanics (Theoretical and Applied Mechanics) (S), two years beginning September 1, 1949, $5000 a year (12-15-48).

HINCHCLIFF, KEITH H., Assistant Professor, Farm Structures Extension and Farm Structures Research (E & S), ten months beginning November 1, 1948, $6000 a year, supersedes (11-18-48).

HUNESBERGER, IRVAN M., Instructor, Chemistry, one year beginning October 1, 1948, without salary (11-18-48).

ITTKIN, PAUL, Clinical Assistant, Otolaryngology (Medicine), eight months beginning January 1, 1949, without salary (12-29-48).

JANES, A. W., Assistant Editor of Publications, rank of Instructor (Agricultural Experiment Station), eight months beginning January 1, 1949, $4500 a year, supersedes (12-31-48).

KELLEY, VICTOR W., Associate Professor, Pomology Research and Horticulture Extension (Horticulture) (S & E), indefinite tenure beginning February 1, 1949, $5700 a year, supersedes (12-29-48).

KEMPF, ALICE H., Research Associate, Bacteriology (Medicine), eleven months beginning October 1, 1948, without salary (12-13-48).

KNIGHT, J. D., Special Research Associate, Physics (S), six months beginning January 1, 1949, $4800 a year (12-8-48).

MAURICE, CHARLES G., Instructor, Applied Materia Medica and Therapeutics (Dentistry) (½), November 22, 1948-August 31, 1949, $2000 a year (11-26-48).

MCCORMICK, JAY E., Clinical Assistant Professor, Psychiatry (Rush) (Medicine), one year beginning September 1, 1948, without salary (12-13-48).

MODIGLIANI, FRANCO, Research Associate Professor, Bureau of Economic and Business Research, indefinite tenure beginning November 15, 1948, $9500 a year (11-30-48).

MUDGE, WILLIAM A., Special Lecturer, Metallurgy (Mining and Metallurgical Engineering) (S), one year beginning September 1, 1948, without salary (12-13-48).

NEWTON, R. K., Supervisor, Engineering Extension, rank of Assistant Professor (Division of University Extension), nine months beginning December 1, 1948, $5000 a year, supersedes (12-24-48).

NIANICK, LEONARD, Clinical Assistant, Otolaryngology (Medicine), eight months beginning January 1, 1949, without salary (12-29-48).

OVERAKER, ALLEN E., Claims Assistant, Division of Special Services for War Veterans (½), one year beginning September 1, 1948, $1400, supersedes (11-18-48).

PERLMAN, JOSEPH, Registered Pharmacist, in Charge of the Hospital Pharmacy (Illinois Eye and Ear Infirmary), October 26, 1948-August 31, 1949, $4000 a year (11-18-48).

PETERSEN, ELIZABETH M., Infrared Technician, Chemistry, eight months beginning January 1, 1949, $3200 a year (11-18-48).

PINGRY, R. E., Assistant Professor, Education, second semester of the academic year beginning February 1, 1949, $4000 a year (12-31-48).

PROTZMAN, RUTH M., Catalog Assistant, Library, eight months beginning January 1, 1949, $2800 a year (12-29-48).

REISS, FRANKLIN J., Assistant Professor, Farm Management Research (Agricultural Economics) (S) (⅗), one year beginning September 1, 1948, $2000, on leave of absence, three-fifths time, one year beginning September 1, 1948, without salary, supersedes (12-2-48).

RIESEN, DONALD E., Special Research Assistant, Physics (C), nine months beginning December 1, 1948, $3240 a year, supersedes (12-29-48).

SCHOUR, MRS. ESTHER, Visiting Assistant Professor, Social Welfare Administration (Graduate College), five months beginning February 1, 1949, $2250 (11-18-48).

SCHUBERT, OSCAR E., Instructor, Pomology Research and Horticulture Extension (Horticulture) (S & E), seven months beginning February 1, 1949, $4000 a year, supersedes (1-6-49).

SHAW, JEAN C., Research Assistant, Medicine (Medicine), December 20, 1948-August 31, 1949, $2700 a year (12-29-48).

SILVER, ROBERT J., Head Counselor, Rink Hall, three months beginning November 1, 1948, $100 a month, Head Resident, Rink Hall, five months beginning February 1, 1949, $190 a month (11-18-48).

SPROW, ALLEN J., Instructor, Psychology (Undergraduate Division in Galesburg) (⅙), December 6, 1948-August 31, 1949, $500 a year (12-2-48).
STRANG, ARTHUR E., Instructor, Journalism (½), second semester of the academic year beginning February 1, 1949, $2100 a year (12-17-48).
SUNDIN, HJALMAR S., Assistant, Civil Engineering (C), February 1, 1949-June 15, 1949, $1500, supersedes (12-2-48).
TORHAN, GEORGE, Counselor, Division of Special Services for War Veterans (½), one year beginning September 1, 1948, $1400, supersedes (11-18-48).
WEESNER, KATHRYN M., Instructor, Home Economics (C), six months beginning February 1, 1949, $250 a month (11-18-48).
WHAM, MRS. DOROTHY S., Clinical Counselor, Student Counseling Bureau, November 20, 1948-August 31, 1949, $3500 a year, supersedes (12-29-48).
YENAWINE, WAYNE S., Circulation Librarian, Library, Instructor, Library Science, eight months beginning January 1, 1949, $5000 a year, supersedes (12-27-48).
YORK, S. B., Supervisor, Extramural Classes, rank of Assistant Professor (E), nine months beginning December 1, 1948, $5000 a year, supersedes (12-24-48).
ZAHORSKY, MRS. METTA M., Instructor, Home Economics Education (½), second semester of the academic year beginning February 1, 1949, $900 (12-29-48).

GRADUATE FELLOWS

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

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

RESIGNATIONS AND DECLINATIONS

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

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

PURCHASES

Purchases Recommended

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

DECEMBER 28, 1948

Item	*Department*	*Vendor*	*Cost*
One 5/50 lb. cylinder automatic operating carbon-dioxide fire extinguisher installation for volatile storage vault	Physical Plant	American LaFrance Foamite Corp., Chicago	$1 606 16 f.o.b. delivered and installed
One Toledo model No. 4031 fuel consumption scale complete with type 1 selection switch control, photoelectric relay, and timer	Mechanical Engineering	Toledo Scale Co., Peoria	1 452 00 f.o.b. Toledo
One group of camera equipment to be used with North American Philips X-ray equipment	Geology	Otto Von Der Heyde, Newton Highlands, Mass.	3 170 00
One laboratory table, wood 17′ x 54″x56¼″; one fume hood superstructure for above table	Botany	Leonard Peterson and Co., Inc., Chicago	1 495 00 f.o.b. Chicago
Seventeen No. 31-21-40 Bausch and Lomb monocular laboratory microscopes, complete except for cases	Botany	Lukas Microscope Service, Skokie	2 658 30
Twenty-six steers for Wright Farm No. 3 (the University pays one-half the cost)	Agricultural Economics	Chicago Producers Commission Association, Chicago	2 914 86
One No. 12043 Norelco X-ray diffraction unit; 4 No. 52018 camera support brackets with 6″ tracks and electric motor; 1 No. 32051 tube, Lindemann window; 1 No. 32053 tube, Lindemann window	Geology	Dick X-Ray Co., St. Louis, Mo.	4 244 00
300,000 No. 10 20 lb. manila envelopes; 75,000 No. 6¾ 20 lb. ditto; 250,000 No. 10 28 lb. white wove envelopes; 100,000 No. 6¾ 28 lb. ditto	Office Supply Store	Dwight Brothers Paper Co., Chicago	1 898 99 f.o.b. Urbana
Ten twenty-drawer filing cabinets for I.B.M. tabulating cards	Office of Admissions and Records	Wright & Co., Inc., Worcester, Mass.	1 565 00 f.o.b. Grand Rapids, Mich.
Seventy-two table tops, assorted sizes, covered cigarette proof grade canary yellow consoweld (to replace present table tops in Illini Union Cafeteria)	Illini Union Foods	J. R. Malone Fixture Co., Danville	1 396 48 f.o.b. Urbana
Nine No. 13ML Spencer binocular microscopes, complete with carrying cases	Otolaryngology	A. S. Aloe Co., Chicago	3 620 70
Fifteen herbarium cases, 30¼″ wide x 19⅜″ deep x 83 13/16″ high; 8 herbarium cases, 30¼″ wide x 19⅜″ deep x 42″ high	Botany	Jack Sheean, Bloomington	3 996 90 delivered and installed
Fifty steers for Wright Farm No. 6 (the University pays one-half the cost)	Agricultural Economics	Chicago Producers Commission Association, Chicago	4 519 78
One half-ton pickup truck	Botany	Sullivan Chevrolet Co., Champaign	1 278 70
109 reams 24 x 32 113 lb. cream post card stock	Office Supply Store	Dwight Brothers Paper Co., Chicago	1 385 66 f.o.b. Urbana

Item	*Department*	*Vendor*	*Cost*
Two model 450 York automatic ice cube makers for installation in the Research and Educational Hospitals	Physical Plant	Murphy & Miller, Chicago	3 396 00 delivered and installed
Air-conditioning equipment at Hospital Pharmacy	Physical Plant	Air Comfort Corp., Chicago	2 873 00
One EMC console model electron microscope, master item MI-12954-E	Chemistry	Radio Corporation of America, Camden, N.J.	4 990 00 f.o.b. Camden
500 sets (50 prints each) 8¼" x 11" student personnel data sheets to be printed by offset	Engineering Administration	Edwards Brothers, Inc., Ann Arbor, Mich.	1 600 00 f.o.b. Ann Arbor
Thirty-nine manometers	Mechanical Engineering	Carl F. Gast Co., St. Louis, Mo.	1 381 00
Four parts for 6 ft. impedence measuring line according to specifications prepared by Electrical Engineering Department	Electrical Engineering	Hayes Scientific Appliances, Urbana	4 000 00
1,000 Illinois project honor medals; 300 Illinois outstanding honor medals	Home Economics Extension	L. G. Balfour Co., Champaign	1 855 00
Additional and replacement furniture for Busey and Evans Halls: 5 Karpen No. C-69 occasional chairs; 2 Karpen No. 7-12 three-seat Lawson sofas; 2 Karpen No. 7-12 two-seat Lawson sofas; 2 Karpen No. 7-12 Lawson lounge chairs; 9 Karpen No. 8-22 barrel chairs; 5 Karpen No. 7-66 tub chairs; 1 Karpen No. C-69 occasional chair; 3 Karpen No. 8-112 wingback chairs; 4 Karpen No. 8-58 two-seat sofas; 1 Karpen No. 8-135 two-seat sofa	Residence Halls	Kiler's, Inc., Champaign	4 012 72 f.o.b. delivered
100,000 8½ x 13¼ ruled examination paper; 40,000 sheets 17 x 13¼ examination paper (for C.P.A. examinations)	Committee on Accountancy (Office of Admissions and Records)	Interstate Printing Co., Danville	1 070 75 f.o.b. Urbana
10,000 reams 8⅜ x 10⅞ 16 lb. weight mimeograph paper	Office Supply Store	Marquette Paper Corp., Chicago	5 200 00 f.o.b. Urbana
One 200-ton hydro-power laboratory press with motor and starter	Ceramic Engineering	Hydraulic Press Manufacturing Co., Mt. Gilead, Ohio	10 200 00 f.o.b. Mt. Gilead
400 sheets fir plywood, SO1S, S2S	Physical Plant	Hunter Lumber Co., Urbana	2 207 29 f.o.b. Urbana
Two issues, 1000 copies each, of University of Illinois Law Forum (to be printed quarterly)	College of Law	Twin City Printing Co., Champaign	2 700 00
Twenty-five tons pig iron for foundry use	Mechanical Engineering	Pickands Mather & Co., Chicago	1 175 00 f.o.b. South Chicago
Four units book shelving 15' long, double face, 90" high, to be installed in Engineering Library	Library	W. B. Read & Co., Bloomington	1 246 44
One Universal Leitz microscope with photomicrographic attachment for metallographic work and accessories	Electrical Engineering	W. H. Kessel & Co., Chicago	2 402 50
	JANUARY 13, 1949		
180 tons Bourbonni (this is flagstone, sizes from 2"-8" thick, 12"-18" wide, and from 1 to 4 feet long), to be delivered to the new Electrical Engineering Building	Physical Plant	Champaign Builders Supply Co., Champaign	2 412 00
Furniture for seminar and lounge in the new Electrical Engineering Building: 2 sectional sofas, 2 two-cushion sofas, 3 chairs (all leather upholstered)	Physical Plant	Kiler's, Inc., Champaign	1 628 66 f.o.b. delivered

Item	*Department*	*Vendor*	*Cost*
10,000 reprints of Better Farming—Units 61 to 88, a series of lesson units prepared by Vocational Agriculture Service, approximately 215 pages in all units, to be printed on 50 lb. white offset stock	Agricultural Administration	Williamson Press, Inc., Springfield	4 210 00 f.o.b. Springfield
100,000 gallons (approximately) 72-74 octane gasoline to be delivered as required during the six months ending June 30, 1949	Physical Plant	Johnson Oil Refining Co., Urbana	16 500 00
One group of X-ray equipment: one Westinghouse 50 MA transformer; one 12″ D tube; one adapter; one tube stand (mobile); one Victoreen r-meter; one protective floor screen; one set shockproof cables	Botany	Dick X-Ray Co., St. Louis, Mo.	1 860 00
One Boonton Q-meter type 160-A; one Boonton Q-meter type 170-A; one replacement thermocouple type 165-A for above Q-meter type 160-A	Electrical Engineering	Alfred Crossley & Associates, Chicago	1 194 50 f.o.b. Boonton, N.J.
One style M Steinway Grand piano	Music	Professor Bruce R. Foote, Urbana	1 300 00
One ½ ton Ford panel truck to replace 1940 Ford panel truck	Extension Service in Agriculture and Home Economics	Dana Hudelson, Inc., Champaign	1 022 41
Twenty dozen table cloths, fine cotton damask 52″ x 92″ hemmed size; 50 dozen napkins, fine cotton damask 22″ x 22″ hemmed size	Illini Union Foods	Nestel Products Co., Inc., New York City	1 097 00 f.o.b. Urbana
One 5 KW motor-generator set; one starter; one two-pole DC breaker; one DC ammeter; one DC voltmeter	Mechanical Engineering	Westinghouse Electric Corp., Springfield	1 019 00
One 1949 4-door Plymouth special deluxe sedan complete with heater and defroster	Physical Plant	Shelby Motor Co., Champaign	1 575 65
Two 1949 4-door Ford sedans complete with heaters and defrosters	Physical Plant	Dana Hudelson, Inc., Champaign	3 507 72
New console for the pipe organ in the Auditorium	Music	Aeolian-Skinner Organ Co., Chicago	9 350 00
One Universal microscope, research type, for nuclear physics use complete with accessories	Physics	W. H. Kessel & Co., Chicago	2 027 10
	JANUARY 18, 1949		
100 five-gallon drums Ethyl Ether USP; 20 five-gallon drums Absolute Ether ACS	General Chemical Stores	U.S. Industrial Chemicals, Inc., Chicago	1 020 00
One 13″ x 5′1″ collet lathe, complete with 1 h.p. 1800 r.p.m. 3/60/220 instant reversing motor, handwheel type draw-in collet chuck attachment; set of 16 split collets for round work, 1/16″ to 1″ by 16ths; taper attachment, telescopic type; chip pan; taper shank arbor; 3-jaw drill chuck, 0″ to ⅜″ capacity, and Millerette converter	Division of General Studies (Biological)	Morehouse & Wells Co., Decatur	2 225 51 f.o.b. South Bend, Ind.
One 25LG Spencer stereoscopic microscope, without case; 1 No. 484 Spencer mechanical stage; 9 25G Spencer stereoscopic microscopes, without cases	Veterinary Pathology and Hygiene	E. H. Sargent & Co., Chicago	3 327 90
One drying oven with temperature control, Precision model No. 848	Agronomy	Precision Scientific Co., Chicago	1 485 00
Ten Spencer No. 33MH microscopes, complete except for cases	Veterinary Physiology and Pharmacology	Chicago Apparatus Co., Chicago	2 529 00
Supplies for the Fenwal System for distribution for intravenous solution made only by Macalaster Bicknell	Hospital Pharmacy	American Sterilizer Co., Chicago	2 246 50
5,000 reams 8⅜ x 10⅞ 20 lb. substance duplicator paper	Office Supply Store	Bradner Smith & Co., Chicago	3 307 50 f.o.b. Urbana

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

Purchases Authorized

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

DECEMBER 28, 1948

Item	*Department*	*Vendor*	*Cost*
One American Radiator Ideal boiler to be installed complete at Cook County Experiment Station to replace old boiler which is no longer serviceable	Horticulture	Central Heating Co., Des Plaines	$1 982 00
One Chevrolet 1948 Stylemaster sedan to replace 1940 Chevrolet sedan	Horticulture	Sullivan Chevrolet Co., Champaign	1 154 89
One Chevrolet 1948 Stylemaster 4-door sedan (additional equipment)	Institute of Labor and Industrial Relations	Sullivan Chevrolet Co., Champaign	1 460 89
One stacking fixture for field pieces; two nose clamping plates	Physics	Milwaukee Tool & Die Co., Milwaukee, Wis.	1 840 00 f.o.b. Urbana
25,000 copies of 1948-1949 Second Semester Time Table	University Press	Interstate Printing Co., Danville	3 782 50 f.o.b. Urbana
60,000 gal. 80 octane aviation gasoline; 40,000 gal. 91 octane aviation gasoline (to be delivered during the period January 1, 1949, through June 30, 1949)	Institute of Aeronautics	Shell Oil Co., Chicago	19 368 00
Labor and material for 4" concrete floor with 40' x 80' Quonset building at Airport	Institute of Aeronautics	Wascher Concrete & Insulation Co., Champaign	1 492 00
Labor and material for 40' x 80' Quonset building at Airport	Institute of Aeronautics	Wascher Concrete & Insulation Co., Champaign	3 271 00
One 1948 Chevrolet ¾ ton pickup truck to replace 1940 Chevrolet express truck (Sullivan Chevrolet Co., $1,514.37; allowance on trade-in, $325.00; total $1,189.37)	Physical Plant	Sullivan Chevrolet Co., Champaign	1 189 37

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

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

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

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
War Department, Quartermaster Corps	Study of isolation of compounds responsible for unpalatable dried whole milk (Contract No. W-11-183-qm-1872)	5 400 00	December 31, 1947
War Department, Medical Corps	Studies of prolonging life of hepatectomized frogs (Contract No. W-49-007-MD-446)	3 460 00	July 15, 1948
War Department, Medical Corps	Study of the effect of nutrition on convalescence after injuries, diarrhea diseases, chronic infections, liver diseases (Contract No. W-49-007-MD-451)	39 220 00	July 1, 1948
War Department, Headquarters Fifth Army	Course in internship	None	July 1, 1948
War Department, Headquarters Fifth Army	Postgraduate course in prosthetic dentistry (Contract No. W-11-175-TNG (AAV)241)	600 00	July 1, 1948
Veterans Administration	Instruction of veterans under PL16 at Urbana-Champaign (Contract No. VA28r vr-1049)	Rates per contract	February 8, 1948

With Whom	*Purpose*	*Amount to be Paid by the University*	*Date*
F. E. Gates Marble & Tile Co.	Remodeling room 12 Physical Plant Service Building	$ 1 010 00	August 20, 1948
Permutit Co.	Water treating equipment at Abbott Power Plant	21 530 00 (Includes 10% escalation clause)	May 28, 1948
(Approved as a purchase May 22, 1948, Minutes, page 1108)			
Museum of Modern Art	Show exhibition "Marcel Breuer: Architect and Designer" at Chicago	75 00 and transportation fee	
Museum of Modern Art	Show exhibition "What Is Modern Design?" at Chicago	75 00 and transportation fee	
Commonwealth Edison Co.	Meter lease at Chicago	Rates per contract	June 22, 1948
Knox Laundry	Dry cleaning service at Galesburg	Rates per contract	August 28, 1948
C. O. Henriksen Co.	Maintenance on heating boilers at Galesburg	2 220 75	
Herb Strausberger	Install tile lines on Wright Farm No. 3	1 350 73	November 5, 1948
Herb Strausberger	Install tile lines on Wright Farm No. 3	437 75	November 10, 1948
O. K. Papers	Loan of napkin dispensers at Navy Pier	None	September 27, 1948
Illinois Power Co.	Gas service for housing projects 11277, 11287, 11306	2 666 30 plus meter reading	September 16, 1946

Contract Change in Excess of $5,000

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

Change Orders for Cost-Plus Contracts Under Standing Contracts of July 1, 1948

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

Leases Executed Under General Regulations of the Board

With Whom	*Property*	*Amount to be Paid to the University*	*Date*[1]
O. H. Mowrer	206 West Vermont, Urbana	$100 00 a month	August 19, 1948
Louis B. Howard	701 West Delaware, Urbana	135 00 a month	September 14, 1948
A. H. Taub	1009 West Nevada, Urbana	100 00 a month	November 19, 1948
Illini Publishing Co.	Basement at 725 South Wright, Champaign	125 00 a month	September 16, 1948

With Whom	*Property*	*Amount to be Paid by the University*	*Date*
Rockford Consolidated Newspaper, Inc.	Room 222, Rockford News Tower, 99 East State Street, Rockford (Office for Division of Services for Crippled Children)	$ 55 00 a month September 1, 1948, to June 30, 1949	September 1, 1948
Franklin-Adams Co.	Rooms 1429-41-43-45 in Adams-Franklin Building, 222 West Adams, Chicago (Office for Division of Services for Crippled Children)	11 638 00 September 1, 1947, to June 30, 1949	July 9, 1947
Mary H. Seten	Room 8 Seten Building, Northwest corner of Vine and Locust Streets, Harrisburg (Office for Division of Services for Crippled Children)	25 00 a month October 1, 1948, to June 30, 1949	September 23, 1948

[1] Leases terminate August 31, 1949.

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

February 17, 1949

The February meeting of the Board of Trustees of the University of Illinois was held on Thursday, February 17, 1949, at the Blackstone Hotel, in Chicago, according to the following schedule:

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

12 m. — Open session.

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

President Stoddard was present; also Vice-President A. C. Ivy, Provost C. R. Griffith, Assistants to the President, A. J. Janata and Wilbur Schramm, Secretary H. E. Cunningham, Comptroller Lloyd Morey, Legal Counsel W. E. Britton, and during part of the day, Director J. F. Wright and Mr. W. H. Butterfield, Manager of the University of Illinois Foundation.

EXECUTIVE SESSION

MINUTES OF EXECUTIVE COMMITTEE, JANUARY 24, 1949

The Secretary reported for record that the Executive Committee on January 24, 1949, authorized the following purchases on recommendation of the President of the University.

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.

Item	*Department*	*Vendor*	*Cost*
One model ML DoAll contour machine with accessories for 220 volt, 60 cycle; 3 phase contour machine	Radiology-Betatron	DoAll Midwest Co., Chicago	$1 956 77
One Lancaster mixer model SKG with level-side heavy muller complete with motor and control equipment	Civil Engineering	Posey Iron Works, Inc., Lancaster, Pa.	1 368 00 f.o.b. Lancaster
600 copies *Correspondance de Proust* to be printed and bound. This is a book of all-French composition of about 416 pages.	University Press	Waverly Press, Inc., Baltimore, Md.	3 301 27
Display cases and show cases for the University Bookstore, Chicago Undergraduate Division	Chicago Undergraduate Division	Julius Bender, Inc., Chicago	1 701 38 delivered and installed
Twenty-four General Electric model RS-45 water coolers with vitreous china tops and foot-operated valves	Physical Plant	Don Hayes Appliance Store, Champaign	4 320 00 f.o.b. Springfield

H. E. CUNNINGHAM
Clerk

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

MATTERS PRESENTED BY PRESIDENT STODDARD

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

NEW FIRE STATION

(1) The building appropriation requests for 1949-1951 include $250,000 for a new fire station. The State Fire Marshal has offered to secure a supplementary appropriation of $450,000 from the fire prevention fund in the State Treasury to provide additional facilities in this building, particularly an auditorium with seating capacity of 800 to be used for meetings of organizations interested in fire protection, schools of instruction, equipment displays, and quarters for representatives of the State Fire Marshal.

The University is asked to assume:

1. Cost of preparing plans, specifications, and supervision of construction.
2. Cost of land required.
3. Complete operation and maintenance costs for the structure and the grounds.
4. Salaries of fire fighting personnel and cost of truck operation.
5. Responsibility for the assignment of space on the first floor of the building with the privilege of making use of the auditorium and basement area for University functions, provided there are no conflicts with events scheduled by the State Fire Marshal's Office or the Illinois Firemen's Association.

The State Fire Marshal's Office and the Illinois Firemen's Association agree to assume:

1. Salaries and equipment for their office personnel.
2. Salary and equipment for a Deputy Fire Marshal, if and when appointed.
3. Cost of exhibits and demonstration equipment for training and fire fighting demonstration work.
4. Expense of special arrangements for meetings sponsored by the State Fire Marshal's Office or the Illinois Firemen's Association.
5. Additions or alterations to the structure or equipment required by the State Fire Marshal's Office and/or the Illinois Firemen's Association.

The University would provide additional funds of approximately $6,000 a year for operation and maintenance, but not before 1951. In return the University would have the use of an additional large lecture room when it is not required for the purposes specified.

In recommending an appropriation for strictly University facilities, the Building Program Committee agreed in principle with the plan of joint development. The Chairman of the Committee, the Director of the Physical Plant Department, and the Comptroller have reviewed the proposal submitted by the State Fire Marshal and recommend its approval. He has requested that no publicity be given to the proposal until it is further developed with State authorities.

On motion of Mr. McLaughlin, this plan was approved.

GIFT OF MR. AND MRS. MERLE J. TREES

(2) The Executive Committee of the Board on December 28, 1948 (Minutes, page 190), accepted an offer from Mr. and Mrs. Merle J. Trees of one-half interest in their Rembrandt "Portrait of Amsterdam Burgher" as their gift to the "Emily Nichols Trees (Class of 1905) and Merle Jay Trees (Class of 1907) Collection" for 1948.

Mr. and Mrs. Trees have decided to offer the University the remaining one-half interest in this painting as their 1949 contribution to the Trees Collection. As further evidence of this offer they have sent the Secretary of the Board a formal deed of gift in which each contributes the remaining undivided one-fourth interest in the painting. This painting is appraised at $65,000 by the Art Institute of Chicago.

I recommend the acceptance of this offer and that the Secretary of the Board be requested to convey to Mr. and Mrs. Trees a formal expression of appreciation on behalf of the Board.

On motion of Mr. Davis, this gift was accepted with great appreciation of the generosity of Mr. and Mrs. Trees.

UNIVERSITY OF ILLINOIS LEGISLATION TO BE REQUESTED OF THE 66TH GENERAL ASSEMBLY

(3) I request that the President of the University be authorized to secure the introduction in the 66th General Assembly of the following University legislation. These measures have been discussed with the Senator and the three Representatives of the 24th Senatorial District who have agreed to sponsor or to secure sponsorship of the bills:

1. Biennial operating budget for 1949-1951.
2. Appropriations for buildings and other capital improvements.
3. Amendment of insurance code to make University of Illinois revenue bonds legal investments for insurance companies in Illinois. Obligations of the University of Illinois Foundation are legal investments for insurance companies but the direct obligations of the University are not. This amendment would improve the market for University revenue bonds.
4. Amendment of State Finance Act to permit the University to handle, through its own treasury, funds of all *self-supporting activities*, instead of requiring the deposit in and disbursement from the State Treasury. The present arrangement complicates budget operations and makes it difficult to handle business operations of such activities with dispatch, thus causing loss of discounts and creating dissatisfaction among employees in payment of wages. The change has been discussed with representatives of the Department of Finance and the State Auditor's Office and has their tentative approval.

5. Authorization to pay real estate taxes on certain University properties or to make payments to municipalities in lieu of taxes.

6. Amendment of Civil Service Act to eliminate wartime provisions relating to certification.

7. Change in name of the "Research and Educational Hospitals" to "University of Illinois Hospitals."

8. Transfer of the Illinois Neuropsychiatric Institute from the Department of Public Welfare to the University. At present the Illinois Neuropsychiatric Institute is operated jointly by the University and the Department of Public Welfare. A single administration is desirable.

9. Transfer of title to Institution for Tuberculosis Research in Chicago to the University of Illinois.

President Stoddard and Mr. Morey commented on these proposals.

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

PURCHASE OF FARM LAND

(4) I recommend that in accordance with the recommendation of Dean Rusk, referred by the Board on January 13, 1949, to the Committee on Buildings and Grounds with power to purchase an option (Minutes, page 196), approved by the Committee on Buildings and Grounds and the Executive Committee on January 18, 1949 (Minutes, page 226), the purchase of 320 acres of land at a price not to exceed $600 an acre be authorized.

On motion of Mr. McLaughlin, this purchase was authorized as recommended, and the President and the Legal Counsel were authorized to deal directly with the owners and their counsel to secure an option after March 7, 1949, and an appropriation of not to exceed $100,000 from this year's funds was made, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Mr. McLaughlin, Dr. Meyer, Mr. Williamson; no, none; absent, Dr. Luken, Mr. Nickell, Mr. Stevenson.

REPORTS OF ACTIONS OF THE EXECUTIVE COMMITTEE

On motion of Mr. Williamson, the Secretary was instructed to notify the members of the Board promptly of all actions of the Executive Committee on matters specially referred to the Executive Committee by the Board.

APPOINTMENTS TO THE FACULTY MADE BY THE PRESIDENT OF THE UNIVERSITY

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

1. LAWRENCE IVAN O'KELLY, Professor of Psychology, beginning September 1, 1949, at an annual salary of $6,000.

2. DETLEV WALTHER SCHUMANN, Professor of German, beginning September 1, 1949, at an annual salary of $7,500.

3. LEONARD MARTIN ZUBKO, Assistant Professor of Mechanical Engineering, beginning February 1, 1949, at an annual salary of $4,600.

On motion of Mr. Davis, these appointments were confirmed.

OPEN SESSION

MATTERS PRESENTED BY PRESIDENT STODDARD

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

APPOINTMENT OF HEAD OF DEPARTMENT OF ENTOMOLOGY

(1) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Professor William Patrick Hayes, now Acting Head of the Department of Entomology, as Head of the Department on indefinite tenure effective as of February 1, 1949, at an annual salary rate of $7,500.

I concur in this recommendation.

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

APPOINTMENT OF PROFESSOR HAROLD L. WALKER AS ACTING DIRECTOR OF THE STATE DEPARTMENT OF MINES AND MINERALS

(2) At the request of the Governor, I have authorized Professor Harold L. Walker, Head of the Department of Mining and Metallurgical Engineering, to accept appointment as Acting Director of the State Department of Mines and Minerals.

Professor Walker desires to retain his present University position, carrying on his new duties concurrently with the State assignment and without change in salary. This I have approved. I request confirmation of my action.

On motion of Mr. Davis, this action was confirmed as requested.

APPOINTMENTS TO PROFESSIONAL ADVISORY COMMITTEE OF THE DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(3) The Board of Trustees has authorized the appointment of a Professional Advisory Committee of the Division of Services for Crippled Children to work with the Superintendent of the Division in providing necessary contacts between it and the University. The present committee was appointed for two years from December 1, 1946. The Vice-President in charge of the Colleges of Medicine, Dentistry, and Pharmacy submits the following nominations for reappointments and new appointments to this Committee for two years from December 1, 1948. I concur in these appointments.

Reappointments

ALLAN G. BRODIE, Orthodontist, Chicago
HAROLD CAMP, Secretary-Treasurer of State Medical Society, Monmouth
MAUDE CARSON, Chief of Division of Public Health Nursing, Illinois Department of Public Health, Springfield
FREMONT A. CHANDLER, Orthopedic Surgeon, Chicago
EDWARD L. COMPERE, Orthopedic Surgeon, Chicago
HUGH E. COOPER, Orthopedic Surgeon, East Peoria
WOODRUFF L. CRAWFORD, Pediatrician, Rockford
ROLAND R. CROSS, Director of State Department of Public Health, Springfield
WATSON GAILEY, Ophthalmologist, Bloomington
DORA GOLDSTINE, Medical Social Worker, University of Chicago
PAUL W. GREELEY, Plastic Surgeon, Chicago
JULIUS H. HESS, Pediatrician, Chicago
PAUL H. HOLINGER, Broncho-Esophagologist, Chicago
HERBERT KOEPP-BAKER, Audiologist, Chicago
PHILIP LEWIN, Orthopedic Surgeon, Chicago
FREDERICK W. MERRIFIELD, Maxillofacial Surgeon, Chicago
EDNA NICHOLSON, Executive Secretary of Central Service for the Chronically Ill, Chicago
ERIC OLDBERG, Neurologist and Neurosurgeon, Chicago
HENRY G. PONCHER, Pediatrician, Chicago
GEORGE E. SHAMBAUGH, JR., Otolaryngologist, Chicago
JOHN THOMPSON, Orthodontist, Chicago

New Appointments

STUART BROADWELL, Otologist, Springfield
RAY BROWN, Superintendent of University of Chicago Clinics, Chicago
JANE BULL, Secretary of Committee, Executive Director of Commission for Handicapped Children, Chicago
FRANCIS J. GERTY, Psychiatrist, Chicago

ISAAC JOLLES, Psychologist, State Department of Public Instruction, Springfield
H. WORLEY KENDELL, Professor and Head of Department of Physical Medicine, University of Illinois, Chicago
FREDERICK H. MAURER, Pediatrician, Peoria
MAYER A. PERLSTEIN, Pediatrician, Chicago
HAROLD WESTLAKE, Director of Speech Clinic, Northwestern University, Evanston

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

PROGRESSIVE ADMISSIONS PLAN

(4) On recommendation of the Director of Admissions and Records and with the concurrence of the Provost, I recommend the following changes in the policy governing admissions to the University effective at the beginning of the Summer Session of 1949:

1. That the progressive admissions plan be rescinded. It is generally agreed that the plan has worked well. It is no longer needed, because we expect to be able to admit all students, resident in Illinois, who qualify under the former system. Illinois residents will be admitted who fulfill the standard entrance requirements — graduation from an accredited secondary school with fifteen units of acceptable secondary school work.

2. That with respect to applicants who are not residents of the State of Illinois: (a) the admission of new freshmen be confined to students who rank in the upper 50 per cent of their high-school graduating classes; and (b) the admission of transfer students be confined to those who average not less than 3.5 in their college work in terms of the marking system of the University of Illinois.

3. That transfer students who are residents of Illinois who have a scholastic average of less than 3.0 be admitted only on special action of the dean of the college to which the student seeks admission.

On motion of Mr. Livingston, these changes in policy were approved as recommended.

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

(5) In accordance with the terms of the Policy and Rules Relating to Compensation and Working Conditions of Nonacademic Employees, the Director of Nonacademic Personnel certifies to the Retirement System most nonacademic employees as of the date of employment. This practice is costly in time and effort, since employee turnover occurs chiefly within the first six months of employment, the normal probationary period.

It is agreed by all officials concerned that the practice should be changed to provide for certification at the end of the six months probationary period. This calls for the following changes in the Policy and Rules (language to be deleted in brackets and new language in italics):

SECTION I — 6. [A permanent and continuous employee is (a) one employed in a position or in work which the University contemplates continuing for the next six months, or is (b) a person who has completed six months of service.] *A permanent and continuous employee is an employee who has completed six months' service in any classification or classifications in nonacademic employment.* For this purpose a month of service shall be no less than twenty work days, excluding approved absences. A person employed regularly but on a part-time basis and fulfilling the above conditions will be considered a permanent and continuous employee.

SECTION III — 1-A. Permanent and continuous employees *and those employed in positions or in work which the University contemplates continuing for at least six months, but who have not yet completed six months' service in any classification or classifications of nonacademic employment,* in prevailing rate groups paid at hourly rates, will be paid a monthly rate determined by multiplying the number of hours of the work year, which shall be uniform in all years, by the hourly rate and dividing by 12, as follows: . . .

SECTION VI — 1-Sub-paragraph. Permanent and continuous employees *and those employed in positions or in work which the University contemplates continuing for at least six months, but who have not yet completed six months' service in any classification or classifications of nonacademic employment* not in a prevailing rate group will be excused with full pay.

SECTION VIII — 2-A. Each full-time permanent and continuous employee is entitled to a disability leave of two work weeks with pay in each year of service, no part of which shall be cumulative. Each permanent and continuous employee employed regularly but on a part-time basis is entitled to such fraction of two work weeks with pay as is represented by the relationship between this part-time employment and the full-time schedules in his classification. Any permanent and continuous employee, *or any person who is employed in a position or in work which the University contemplates continuing for at least six months, but who has not yet completed six months' service in any classification or classifications of non-academic employment,* who is disabled before completing his first year of service will be allowed the same proportionate amount of the two work weeks' disability leave as the portion of the year completed.

I concur.

On motion of Mr. McLaughlin these changes in policy were approved as recommended.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

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

1. Remodeling Room 406 Davenport Hall	$11 010
2. Chicago Professional Colleges for remodeling of space for internal auditor	1 950
3. Colleges of Medicine, Dentistry, and Pharmacy for projectors	600
4. College of Medicine for lighting control in Rooms 106, 221, and 443 and public address system in Rooms 221 and 443	1 700
5. College of Pharmacy for equipment	2 635
6. Chicago Professional Colleges for remodeling and equipment for Non-academic Personnel Office	1 300
Total	$19 195

I concur.

On motion of Dr. Meyer, 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. Williamson; no, none; absent, Dr. Luken, Mr. Nickell, Mr. Stevenson.

APPROPRIATION AND CONTRACT FOR EMERGENCY LIGHTING SYSTEM IN THE McKINLEY HOSPITAL

(7) The Board of Trustees has authorized installation of an emergency lighting system in the McKinley Hospital to provide service to the first floor, including X-ray room, laboratory, and emergency room, and to the surgery quarters on the third floor.

The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for $5,124 for this installation to the Leverenz Electric Company, Danville, the lowest bidder.

I recommend that an appropriation of $5,124 be made for this improvement and that the Comptroller and the Secretary of the Board be authorized to execute the contract.

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

COLD ROOM IN PHYSICAL ENVIRONMENT BUILDING AT CHICAGO PROFESSIONAL COLLEGES

(8) One of the important items required for the new Physical Environment Unit, under construction in Chicago from a State appropriation and supplementary appropriations from the University's General Reserve, is a cold room including

necessary refrigeration, insulation, and accessory equipment to maintain constant temperature. This equipment is not available as a single standard manufactured product. It must be constructed and installed especially and is of a highly specialized type both in design and in performance.

A committee appointed by Vice-President Ivy has selected the Vilter Sales and Construction Company and the Armstrong Cork Company, both of Chicago, as the concerns best fitted to provide the desired equipment and in a position to deliver and complete the work promptly and within the period of availability of the State appropriation. Prices have been secured from these concerns as follows:

Vilter Sales and Construction Company, Milwaukee, Wisconsin, and Chicago, for mechanical equipment and installation	$98 140
Armstrong Cork Company, Lancaster, Pennsylvania, and Chicago, for insulation	28 936

The committee in charge of the work has reviewed the proposals and reports that, based on engineering design and cost of necessary components, the proposed costs are reasonable.

Vice-President Ivy requests that the contracts be awarded as scheduled above. I concur.

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

CONTRACT FOR CONSTRUCTION OF HYDRAULIC ENGINEERING LABORATORY QUARTERS

(9) Included in the special appropriations for nonrecurring expenditures made by the Board on January 13, 1949 (Minutes, page 204), are funds for the construction of an addition to Warehouse No. 1, near the Sanitary Engineering Laboratory, to provide quarters for research in hydraulic engineering.

Since the work is of a remodeling nature, the Director of the Physical Plant Department and the Comptroller recommend that it be done under the standing contract with Lewis S. Colbert, Champaign, for work of this nature at an estimated cost of $12,577.30.

I concur and recommend that the Comptroller be authorized to execute this addition to the standing contract with Lewis S. Colbert.

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

ADDITION TO GENERAL CONTRACT FOR CONSTRUCTION OF THE CHEMISTRY AND CHEMICAL ENGINEERING BUILDING

(10) The Director of the Physical Plant Department and the Comptroller recommend an increase of $1,752.14 in the general contract for the construction of the Chemistry and Chemical Engineering Building to provide for (1) terrazzo treads and landings on the stairs in place of cement treads and landings, and (2) asphalt tile floors in stair halls (continuation of asphalt tile floors in corridors).

These are some of the items eliminated from the original specifications in order to keep down the cost of the Chemistry and Chemical Engineering Building. Sufficient funds are now available for these additions. The terrazzo stair treads and the asphalt tile floors in the stair halls will be more satisfactory from the standpoint of maintenance and appearance.

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

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

ADDITION TO GENERAL CONTRACT FOR CONSTRUCTION OF MECHANICAL ENGINEERING BUILDING

(11) The Director of the Physical Plant Department and the Comptroller recommend an increase of $4,300 in the general contract for the construction of the Mechanical Engineering Building for the installation of acoustical tile ceilings on the first and second floors in six classroom corridors. Acoustical treatment of

these areas was omitted from the original specifications and deferred until it was certain that funds would be available.

Acoustical treatment of ceilings will reduce the noise from the corridors and it is desirable because some classes will extend through periods when other classes are changing. Funds are now available for this addition.

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

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

INSTALLATION AND MAINTENANCE OF ELECTRICAL CONDUIT UNDER AND ACROSS CERTAIN STREETS IN THE CITY OF CHICAGO

(12) At the request of the University of Illinois, the City Council of the City of Chicago passed an ordinance on December 22, 1948, granting permission to the University to excavate for, install, and maintain an electrical conduit under and across certain streets in the City of Chicago.

The Legal Counsel recommends that the following resolution be adopted. I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute an acceptance form for such an electrical conduit.

RESOLUTION

Whereas, the City Council of the City of Chicago, at its regular meeting on December 22, 1948, passed an Ordinance which grants permission to the University of Illinois to install and maintain electrical conduit under and across certain streets in the City of Chicago, and

Whereas, by the provisions of said Ordinance, a copy of which is hereto attached, the same is required to be accepted by the University of Illinois,

Now Therefore, Be It Resolved by the Board of Trustees of the University of Illinois that the permission granted by said Ordinance be and the same is hereby accepted according to the terms of said Ordinance as set forth therein.

On motion of Mr. Livingston, this resolution was adopted and authority was given as recommended.

PURCHASE OF PRINTING EQUIPMENT

(13) On March 27, 1947 (Minutes, page 312), the Board of Trustees authorized the purchase of a new press to be installed in Gregory Hall for joint use by the Illini Publishing Company, the University Press, and the School of Journalism to replace the press now owned and operated by the Illini Publishing Company in Illini Hall. An appropriation of $25,000 was made to apply toward the cost of the press, the balance of cost of the press to be paid by the Illini Publishing Company.

On September 26, 1947 (Minutes, page 829), the Board approved a contract with Goss Printing Company for the purchase of the press at a price of $59,710 with an escalator clause providing for an increase in price prior to delivery. It was agreed that if the readjusted price was not satisfactory the contract could be cancelled by the buyer without penalty.

When the contract was finally concluded in November, 1947, a price of $61,160 was stipulated. At that time, a payment of $6,116 was made as the contract provided.

On January 5, 1949, the company served notice that the press would be ready for delivery in March, 1949, and the price would be $65,575. In the meantime, serious problems have arisen concerning the location of the press, the space originally intended being in an addition to the north side of Gregory Hall. This plan has not proved entirely feasible and no satisfactory permanent location is now available. The Illini Publishing Company, which is required to meet the cost of the press in excess of the $25,000 appropriation made by the University, has concluded that the option to cancel the contract should be exercised. The company has been notified accordingly and has returned the deposit made on the contract and has accepted the cancellation. The University appropriation is being lapsed into the General Reserve.

On motion of Dr. Meyer, this cancellation of contract was confirmed.

APPROPRIATION OF ATHLETIC ASSOCIATION FUNDS

(14) The Board of Directors of the Athletic Association of the University of Illinois on January 29, 1949, appropriated $1,000 from the unappropriated surplus of the Athletic Association for the purpose of conducting a two-day football clinic for high-school coaches in the State of Illinois. This action is submitted to the Board of Trustees for approval.

On motion of General Davis, this appropriation was approved.

PURCHASES

(15) The Director of Purchases has proposed and the Comptroller recommends the purchases listed under A in the Appendix (page 279). The President has authorized emergency purchases listed under B in the Appendix (page 281).

On motion of General Davis, purchases were authorized as recommended under A, and the action of the President of the University in authorizing emergency purchases under B was approved and confirmed.

COMPTROLLER'S REPORT OF CONTRACTS AND LEASES

(16) The Comptroller's report of contracts and leases executed under the general regulations of the Board, from December 11, 1948, also of change orders for cost-plus and other contracts (see page 282).

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(17) The Comptroller presents his quarterly report to the Board as of December 31, 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.

ARCHITECTURAL STUDIES OF NEW BUILDINGS

(18) It would be an advantage to start preliminary studies of some of the projects included in the building program for 1949-1951 on which no work has yet been done. I asked the Building Program Committee to advise me on how any funds that can be made available for such work prior to July 1, 1949, can best be used.

The Committee recommends that:

1. An assignment of $50,000 be made to start preliminary studies of the Biology Building, first unit; Educational Laboratories Building, Psycho-Educational Clinic Division; and Law Building.

2. The firm of Holabird and Root and Burgee of Chicago be employed for these studies on a cost-plus basis subject to these conditions: (a) a maximum fee of not to exceed $50,000; (b) services may be terminated at any time; and (c) employment is limited to preliminary studies and the University reserves the right to employ other architects for further work on these projects.

Payment for these services will be on the basis of actual salaries plus 1.3 times that amount for indirect costs and commission, plus such direct expenses as blueprinting, telephone calls, and travel. The work will be carried on as directed by the University and only until such time as the University may direct that it be stopped.

The appropriation herein recommended is much less than will be required to complete preliminary plans. A larger amount is not being recommended at this time because $50,000 will take care of all work which can be done immediately.

On motion of Mr. Livingston, the employment of Holabird and Root and Burgee was authorized under the conditions recommended, and the appropriation was made, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Mr. McLaughlin, Dr. Meyer, Mr. Williamson; no, none; absent, Dr. Luken, Mr. Nickell, Mr. Stevenson.

CONTRACT FOR POWER PLANT GENERATING EQUIPMENT

(19) On June 15, 1948 (Minutes, page 1159), the Board of Trustees appropriated $49,220 as the partial cost of a new turbogenerator and auxiliary equipment needed to increase the power production capacity of the Abbott Power Plant at Urbana-Champaign. The estimated cost of the required generator, auxiliary equipment, and installation is $1,215,280 and provision for it is included in the building program for 1949-1951 as approved by the Board on October 21, 1948.

The $49,220 already appropriated is for engineering work which can be done during the current biennium. As a further means of expediting delivery of the equipment, it was proposed that contracts be entered into, up to a maximum of $568,500, such contracts giving the University the right of termination if funds for the generating equipment are not appropriated by the General Assembly of Illinois, in which case the University's liability would be limited to the $49,220 for engineering services.

The Physical Plant Department has secured bids on a 7500 KW turbogenerator, condensing equipment, and a cooling tower. The Director of the Physical Plant Department and the Comptroller recommend the award of contracts to the lowest bidders as follows:

7500 KW turbogenerator, General Electric Company, Chicago, $282,200, subject to a maximum escalation of 10%, or a maximum cost of.....	$310 420
Bids were taken on a full extraction generator (that is, one from which all the steam may be available for heating), and, as an alternate, on a generator which would provide maximum extraction up to the 7500 KW capacity. The latter has the same generating capacity as the former but requires less floor space and costs less. It is proposed to accept the alternate bid and award the contract on that equipment.	
Condensing equipment, Worthington Pump Company, Chicago, $48,920 plus a maximum escalation of 10%, or a maximum cost of.....	53 812
Cooling tower, Marley Company, Inc., Chicago, $31,363, plus (a) unloading and erection, $7,663, and (b) a maximum escalation of 15% or a maximum cost of.....	40 176
Total.....	$404 408

This cost is within the maximum of $568,500. Proposals for an electrical switch gear will be considered later.

I recommend that the Comptroller and the Secretary of the Board be authorized to execute the contracts on the basis of the bids indicated herein.

On motion of Dr. Meyer, contracts were authorized as recommended.

APPOINTMENT OF HEAD OF DEPARTMENT OF PHYSIOLOGY

(20) On September 1, 1943, the Department of Physiology in the College of Liberal Arts and Sciences was merged with the Department of Zoology as an administrative convenience pending the appointment of a head of the Department of Physiology. The Dean of the College of Liberal Arts and Sciences recommends that:

1. Effective September 1, 1949, the Departments of Physiology and Zoology be administered as separate departments of the College.

2. Dr. Robert E. Johnson, now Director of the Medical Nutrition Laboratory of the Army Service Forces in Chicago, be appointed Professor and Head of the Department of Physiology on indefinite tenure beginning September 1, 1949, at a salary of $10,000 an academic year.

I concur in these recommendations.

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

BIENNIAL BUDGET FOR THE INSTITUTION FOR TUBERCULOSIS RESEARCH

(21) The 65th General Assembly of the State of Illinois appropriated to the University of Illinois the sum of $32,000 for the operation and maintenance of the Institution for Tuberculosis Research. The General Assembly provided that the management of the Institution be vested in a five-man board, two members to

be appointed by the Board of Trustees of the University, two by the Board of the Municipal Tuberculosis Sanitarium, and the fifth member to be elected by the other four.

The 65th General Assembly also appropriated funds to the Department of Public Health for constructing and equipping a building and funds to the Department of Finance for the purchase of land. The University will request legislation transferring to the University title to the land on which the building is now being erected.

The Vice-President in Charge of the Chicago Professional Colleges has submitted on behalf of the Board of Directors of the Institution for Tuberculosis Research a proposed operating budget for the biennium of 1949-1951, totaling $143,000, with the request that the Board of Trustees submit this budget to the Department of Finance. This amount is required for:

Heating, lighting, and maintaining the new building....	$ 61 000
Salaries, wages, supplies, and equipment.....	82 000
Total.....	$143 000

The $32,000 appropriated by the General Assembly for 1947-1949 was for salaries, supplies, and equipment for only an eight- or nine-month period during 1948-1949.

I recommend that the Board of Trustees authorize the transmittal of this request to the Department of Finance of the State of Illinois.

On motion of Mr. McKelvey, this budget was approved as recommended for transmittal to the State Department of Finance.

STATUS OF ACADEMY FOR UNITED STATES AIR FORCE

President Stoddard reported informally on the status of plans for an Academy for the United States Air Force (Minutes, October 21, 1948, page 138) to the effect that no decision has been made looking to the establishment of such an academy.

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 251).
2. Graduate scholars and fellows (page 254).
3. Resignations and declinations (page 255).
4. Leaves of absence (page 256).
5. Retirements (page 256).
6. Lists of degrees conferred at Commencement in Urbana on February 6, 1949 (page 257).

DATE OF ANNUAL MEETING

The date of the annual meeting was discussed, and some members stated that Tuesday, March 8, 1949, would be inconvenient to them, and that Thursday, March 10, 1949, was an acceptable date. The By-Laws provide that the date of the annual meeting may be changed by the Board (Article I, Section 1).

On motion of Dr. Meyer, the date of the annual meeting for 1949 was changed to Thursday, March 10, as provided in the By-Laws of the Board.

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.)

ANNIS, R. W., Special Research Associate, Electrical Engineering (S) (½), eight months beginning January 1, 1949, $2600 a year (1-19-49).

ASHWORTH, BETTY J., Assistant Teacher, Veterans Nursery School (Division of Special Services for War Veterans), February 1-June 15, 1949, $1250 (2-1-49).

BAIR, THOMAS D., Assistant, Veterinary Parasitology (Veterinary Pathology and Hygiene) (Veterinary Medicine), June 16-August 31, 1949, $250 a month (1-29-49).

BALAGOT, REUBEN C., Assistant, Surgery (Medicine), eight months beginning January 1, 1949, without salary (1-29-49).

BARBER, W. J., Assistant, Physical Education for Men, February 1-June 15, 1949, $1400, supersedes (1-24-49).

BOARDMAN, R. S., Assistant, Geology (Graduate College), six months beginning February 1, 1949, $1200 (2-4-49).

BOND, ELIHU, Administrator, Animal Hospital (Medicine), eight months beginning January 1, 1949, $4500 a year, supersedes nonacademic appointment (1-19-49).

BOOS, MARGARET F., Visiting Professor, Geology, five months beginning February 1, 1949, $4000 (1-31-49).

BREWSTER, ROBERT R., Instructor, German, academic year beginning September 1, 1949, $3500 (2-9-49).

BRIGGS, CECIL C., Visiting Professor, Architecture (½), February 1-June 15, 1949, $533.33 a month (1-24-49).

BRILL, R. G., Assistant Professor, Education, academic year beginning September 1, 1949, $5000 (2-9-49).

BROWN, W. V., Extension Specialist, Division of University Extension, seven months beginning February 1, 1949, $4500 a year (2-9-49).

BYRAM, MRS. BETTY J., Research Assistant, Bureau of Economic and Business Research, seven months beginning February 1, 1949, $2700 a year, supersedes (2-3-49).

CAMMACK, T. E., Instructor, Economics, six months beginning February 1, 1949, $4000 a year (1-19-49).

CANTÓN, ALFREDO, Visiting Assistant Professor, Spanish, academic year beginning September 1, 1949, $4000 (2-9-49).

CAVANAUGH, MRS. JOYCE J., Serials Librarian, rank of Assistant (Undergraduate Division in Chicago), February 14-August 31, 1949, $3000 a year (2-9-49).

CHAPMAN, ROBERT A., Clinical Assistant, Medicine (Medicine), eight months beginning January 1, 1949, without salary (1-24-49).

CLARK, WILLIAM C., Research Assistant, Physiology (Graduate College), three months beginning January 16, 1949, $1005 (1-24-49).

DALLENBACH, FREDERICK D., Assistant, Pathology (Medicine), one year beginning July 1, 1949, without salary (2-9-49).

DELATOUR, GODFREY S., Visiting Professor, Sociology, five months beginning February 1, 1949, $3500 (1-27-49).

DEYOUNG, WILLARD G., Clinical Instructor, Medicine (Medicine), eight months beginning January 1, 1949, without salary (1-24-49).

DOLLINS, C. W., Special Research Assistant Professor, Engineering Materials (Theoretical and Applied Mechanics) (S), eight months beginning January 1, 1949, $5700 a year, supersedes (2-9-49).

DOOB, J. L., Professor, Mathematics, indefinite tenure beginning February 1, 1949, $9000 a year, supersedes (1-19-49).

FAUCETT, P. M., JR., Assistant, Economics, February 1-June 15, 1949, $266.66 a month, supersedes (2-8-49).

FAWCETT, C. G., Instructor, Physical Sciences (Undergraduate Division in Chicago), second semester of the academic year, beginning February 1, 1949, $1800 (2-3-49).

FLEMING, JOAN, Assistant Professor, Psychiatry (Medicine), eight months beginning January 1, 1949, without salary (2-9-49).

FOGLE, CATHERINE L., Instructor, Auditory Training (Otolaryngology) (Medicine), eight months beginning January 1, 1949, $4000 a year, supersedes (1-31-49).

FORREST, RUSSELL A., Clinical Assistant, Medicine (Medicine), eight months beginning January 1, 1949, without salary, supersedes (1-24-49).

FRY, FRANCIS J., Special Research Associate, Electrical Engineering (S), February 9-August 31, 1949, $5200 a year, supersedes (1-29-49).

GAMMILL, H. L., Assistant Professor, Industrial Psychology (Institute of Labor and Industrial Relations) (½), (Division of University Extension) (½), seven months beginning February 1, 1949, $5000 a year, supersedes (2-10-49).

GIANASI, CHARLES A., Assistant Physician, Health Service (Chicago Professional Colleges) (½), eight months beginning January 1, 1949, $3000 a year (1-24-49).

GREEN, MORRIS, Assistant, Pediatrics (Medicine), one year beginning January 1, 1949, without salary (1-24-49).

GROVE, WILLIAM J., Research Assistant, Surgery (Medicine), six months beginning January 1, 1949, $2400 a year (2-15-49).

GRUNDSET, LLOYD H., Clinical Assistant, Medicine (Medicine), eight months beginning January 1, 1949, without salary (1-24-49).

HEIMBURGER, ROBERT F., Clinical Assistant, Neurosurgery (Neurology and Neurological Surgery) (Medicine), seven months beginning February 1, 1949, without salary (2-15-49).

HENNING, DALE A., Instructor, Management (Business Organization and Operation), second semester of the academic year, beginning February 1, 1949, $1500 (2-15-49).

HORWITZ, IRWIN D., Clinical Assistant, Otolaryngology (Medicine), October 16, 1948-August 31, 1949, $2065 a year (1-24-49).

HUNT, MRS. PATRICIA W., Assistant Teacher, Veterans Nursery School (Division of Special Services for War Veterans), February 1-June 15, 1949, $1250 (1-29-49).

HUSMAN, B. F., Instructor, Physical Education for Men, Acting Chairman, Division of Physical Education (Undergraduate Division in Galesburg), seven months beginning February 1, 1949, $3600 a year; in addition to $300 a year paid by the Athletic Association, for which the University assumes no responsibility, supersedes (1-24-49).

ILES, MRS. BESSIE P., Instructor, Music (⅔), second semester of the academic year, beginning February 1, 1949, $1000 (2-15-49).

IRELAND, H. O., Special Research Associate, Civil Engineering (S), seven months beginning February 1, 1949, $4000 a year, supersedes (1-19-49).

IRVINE, JANE, Instructor, Audiology (Otolaryngology) (Medicine), eight months beginning January 1, 1949, $4000 a year, supersedes (1-31-49).

JACKSON, DONALD D., Editor in Charge of Books, rank of Assistant Professor, University Press, seven months beginning February 1, 1949, $4800 a year, supersedes (2-10-49).

JENKINS, JAMES L., Special Research Assistant, Electrical Engineering (S), February 1-April 15, 1949, $3200 a year, supersedes (2-15-49).

JOHNS, WILLIAM D., JR., Special Research Assistant, Petrography (S), February 14-August 31, 1949, $3000 a year (2-15-49).

KAHN, MORTON, Assistant, Otolaryngology (Medicine), six months beginning January 1, 1949, without salary (1-24-49).

KENTNER, IRENE F., Counselor, Women's Residence Hall (¼), five months beginning February 1, 1949, $80 a month (2-9-49).

KIRKPATRICK, B. F., Assistant, Business Law (Business Organization and Operation), February 1-June 15, 1949, $1500, supersedes (2-5-49).

KOEPP-BAKER, HERBERT, Professor, Clinical Speech Pathology, Director, Speech and Hearing Rehabilitation (Otolaryngology) (Medicine), eight months beginning January 1, 1949, $10,000 a year, supersedes (2-9-49).

KOSTKA, HELEN M., Assistant Professor, Hygiene, Medical Advisor for Women (Undergraduate Division in Chicago) (½), seven months beginning February 1, 1949, $3500 a year (1-29-49).

LANDIS, PAUL N., Professor, English, indefinite tenure, Acting Head, Department of English, seven months beginning February 1, 1949, $7500 a year, supersedes (2-7-49).

HILLER, E. T., Professor, Sociology — retirement effective 2-1-49.
SPITLER, J. C., Professor, Agricultural Extension (C), Associate Director, Extension Service in Agriculture and Home Economics, State Leader of Farm Advisers (E) — retirement effective 9-1-49.

DEGREES CONFERRED FEBRUARY 6, 1949

Summary

Degrees in the Graduate College:		
Doctor of Philosophy	39	
Doctor of Education	3	
Master of Education	3	
Master of Social Work	1	
Master of Arts	46	
Master of Science	169	
Master of Music	1	
Total, Graduate College	262	
Degrees in Law:		
Bachelor of Science	12	
Bachelor of Laws	34	
Doctor of Law	4	
Total, Law	50	
Baccalaureate Degrees:		
Bachelor of Science, Library School	1	
Bachelor of Science, College of Agriculture	65	
Bachelor of Science, College of Engineering	240	
Bachelor of Arts, College of Liberal Arts and Sciences	161	
Bachelor of Science, College of Liberal Arts and Sciences	102	
Bachelor of Science, College of Education	38	
Bachelor of Science, College of Commerce and Business Administration	209	
Bachelor of Science, School of Journalism	62	
Bachelor of Science, College of Fine and Applied Arts	45	
Bachelor of Fine Arts, College of Fine and Applied Arts	20	
Bachelor of Music, College of Fine and Applied Arts	2	
Bachelor of Science, School of Physical Education	44	
Bachelor of Science, Division of Special Services for War Veterans	229	
Total, Baccalaureate Degrees	1,218	
Total, Degrees Conferred		1,530

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Agricultural Economics

CHING PENG MENG, B.S., Nanking University, 1942; M.S., Cornell University, 1946

In Agronomy

ROBERT PAUL PFEIFER, B.S., 1942
STANLEY ARTHUR WATSON, A.B., Pomona College, 1939; M.S., 1941

In Bacteriology

ROBERT ALLEN ALTENBERN, B.S., University of New Hampshire, 1943; M.S., 1947
CARROLL EUGENE HEIST, B.S., Muhlenberg College, 1930; M.S., 1947

In Chemistry

PETER GEORGE ARVAN, B.S., 1943; A.M., Indiana University, 1944
BURTON PETER BLOCK, B.S., Harvard College, 1944; M.S., University of Tennessee, 1945
ARCHIBALD MILLER HYSON, B.S., Pennsylvania State College, 1942; M.S., 1944

SCHMITTLE, SAMUEL C., Assistant, Veterinary Pathology and Hygiene (Veterinary Medicine and Agricultural Experiment Station), seven months beginning February 1, 1949, $3800 a year, supersedes (2-15-49).
SHARPE, JOSEPH T., Instructor, Mechanical Engineering (C), second semester of the academic year, beginning February 1, 1949, $1500, supersedes (1-29-49).
SINNAMON, GEORGE K., Research Associate, Civil Engineering (S), seven months beginning February 1, 1949, $4000 a year, supersedes (1-24-49).
SMITH, HELEN L., Editor in Charge of Official Publications, rank of Assistant Professor, University Press, seven months beginning February 1, 1949, $5220 a year, supersedes (2-10-49).
SNYDER, JAMES N., Instructor, Physics (C), second semester of the academic year, beginning February 1, 1949, $2000 (1-24-49).
SOBOROFF, BURTON J., Clinical Assistant, Otolaryngology (Medicine), eight months beginning January 1, 1949, $2065 a year (1-24-49).
STAGNER, ROSS, Professor, Psychology (Institute of Labor and Industrial Relations) (½), (Liberal Arts and Sciences) (½), seven months beginning February 1, 1949, $8000 a year, supersedes (1-19-49).
STEIN, SEYMOUR N., Assistant Professor (Research Physiologist), Psychiatry (Medicine), eight months beginning January 1, 1949, $6000 a year, supersedes (2-9-49).
STRAUB, FREDERICK G., Special Research Professor, Chemical Engineering (S), eight months beginning January 1, 1949, $7500 a year, supersedes (2-9-49).
SUSINA, MRS. BETTY J., Registered Pharmacist, Hospital Pharmacy (Pharmacy), eight months beginning January 1, 1949, $3300 a year (1-31-49).
TOUCHBERRY, ROBERT W., Assistant Professor, Dairy Cattle Genetics and Dairy Cattle Genetics Research (Dairy Production) (C & S), seven months beginning February 1, 1949, $4500 a year, supersedes (1-24-49).
VAL DEZ, MABEL A., Assistant, Occupational Therapy (Orthopedic Unit) (Physical Medicine) (Medicine), January 17-August 31, 1949, $250 a month (2-9-49).
WALSTON, ROBERT L., Lecturer, Salesmanship (Business Management Service) (Commerce) (½), (Division of University Extension) (½), seven months beginning February 1, 1949, $4500 a year (2-9-49).
WEIGEL, ROBERT H., Special Research Assistant, Mechanical Engineering (C), seven months beginning February 1, 1949, $3600 a year, supersedes (1-19-49).
WEISS, KENNETH S., Assistant, Surgery (Medicine), eight months beginning January 1, 1949, without salary (1-29-49).
WESTEN, RISDON J., Assistant, Psychology, February 1-June 15, 1949, $1200, supersedes (2-12-49).
WOLMAN, ABEL, Lecturer and Research Consultant, Sanitary Engineering (Civil Engineering) (C) (5/100), February 1-June 15, 1949, $150 (2-1-49).
WOODS, ROBERT P., Clinical Assistant, Neurology and Neurological Surgery (Medicine), eight months beginning January 1, 1949, without salary (2-1-49).
ZUBKO, LEONARD M., Assistant Professor, Mechanical Engineering (C), second semester of the academic year, beginning February 1, 1949, $2300 (1-29-49).

GRADUATE FELLOWS AND SCHOLARS

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

ANASTOPOULOS, VASILIOS, Research Fellow, Medicine (Medicine), ten months beginning November 1, 1948, $200 a month (1-24-49).
BARKER, ROY J., Fellow, Entomology, February 1-June 15 ,1949, $425 (1-12-49).
BROPHY, EDMOND M., Research Fellow, Biological Chemistry (Medicine), January 10-June 30, 1949, $125 a month (2-1-49).
CATALDI, HORACE A., Shell Oil Company Fellow, Chemistry, February 1-June 15, 1949, $600 (1-17-49).
CHANG, MENG-TE, Fellow, Civil Engineering, February 1-June 15, 1949, $500 (1-12-49).
CHEN, SZU-CHU, Scholar, Political Science, February 1-June 15, 1949, $350 (1-12-49).
CHU, CHIA-CHEN, Fellow, Chemistry, February 1-June 15, 1949, $425 (1-12-49).
CHU, TSUN-HWEI, Fellow, Horticulture, February 1-June 15, 1949, $425 (1-12-49).
CROSS, DOROTHY M., United States Public Health Service Research Fellow, Physiology (Medicine), one year beginning January 1, 1949, $2400 (1-24-49).

ERWIN, CARLOS C., Fellow, Agricultural Economics, February 1-June 15, 1949, $425 (2-2-49).
FARRIS, PAUL L., Scholar, Agricultural Economics, February 1-June 15, 1949, $350 (1-12-49).
FRANZBLAU, SANFORD A., Research Fellow, Medicine (Medicine), eight months beginning January 1, 1949, without salary, supersedes (1-29-49).
FULLER, JOSEPH A., JR., Scholar, Chemistry, February 1-June 15, 1949, $350 (1-12-49).
GARBER, MEYER, Scholar, Physics, February 1-June 15, 1949, $350 (1-12-49).
HARMS, ALFRED G., Scholar, Agricultural Economics, February 1-June 15, 1949, $350 (1-12-49).
JAMES, MARION E., Fellow, Library Science, February 1-June 15, 1949, $425 (1-12-49).
KAO, RICHARD C., Scholar, Agricultural Economics, February 1-June 15, 1949, $350 (1-12-49).
KNOX, ELLIS G., Scholar, Agronomy, February 1-June 15, 1949, $350 (1-12-49).
KUO, KE-CHAN, Fellow, Mathematics, February 1-June 15, 1949, $425 (1-12-49).
LARSON, ARTHUR Q., JR., Fellow, History, February 1-June 15, 1949, $425 (1-28-49).
LO, YUEN-TZE, Scholar, Electrical Engineering, February 1-June 15, 1949, $350 (1-12-49).
MA, HSIEN NE, Fellow, Civil Engineering, February 1-June 15, 1949, $425 (1-12-49).
MEI, CHEN AN, Fellow, Botany, February 1-June 15, 1949, $425 (1-12-49).
NELSON, DOROTHY, National Cancer Institute Research Fellow, Clinical Science (Medicine), six months beginning January 1, 1949, $300 a month, supersedes (1-24-49).
NOLL, CLIFFORD R., JR., Scholar, Chemistry, February 1-June 15, 1949, $350 (1-12-49).
PAN, SAI-LUNG, Fellow, Civil Engineering, February 1-June 15, 1949, $425 (1-12-49).
PATTERSON, CHARLES, JR., Fellow, English, February 1-June 15, 1949, $500 (1-12-49).
POITRAS, ADRIAN W., Fellow, Botany, February 1-June 15, 1949, $500 (1-12-49).
ROBBINS, MARGARET A., Scholar, Economics, February 1-June 15, 1949, $350 (1-12-49).
SEGALL, BENJAMIN, Fellow, Physics, February 1-June 15, 1949, $425 (1-12-49).
SKEEN, NANCY N., Scholar, Philosophy, February 1-June 15, 1949, $350 (1-12-49).
STALLMEYER, JAMES E., Standard Oil Company of Indiana Fellow, Civil Engineering, February 1-June 15, 1949, $750 (1-12-49).
STEINBERG, BERNARD A., Fellow, Bacteriology, February 1-June 15, 1949, $425 (1-12-49).
STERNBURG, JAMES G., Fellow, Entomology, February 1-June 15, 1949, $350 (1-28-49).
TAKEMURA, KAZUO H., Fellow, Chemistry, February 1-June 15, 1949, $425 (1-12-49).
TEWELES, RICHARD J., Fellow, Economics, February 1-June 15, 1949, $500 (1-12-49).
WANG, RICHARD I. H., Research Fellow, Pharmacology (Medicine), eight months beginning January 1, 1949, $125 a month (1-24-49).
WANG, TAI K., Eli Lilly and Company Research Fellow, Bacteriology (Medicine), five months beginning February 1, 1949, $150 a month (2-15-49).
WEI, LING-YUN, Fellow, Electrical Engineering, February 1-June 15, 1949, $350 (1-28-49).
WOLF, MONICA P., Scholar, Music Education, February 1-June 15, 1949, $350 (1-12-49).
WONG, JAMES Y., Scholar, Electrical Engineering, February 1-June 15, 1949, $350 (1-12-49).

RESIGNATIONS AND DECLINATIONS

BLY, JAMES R., Assistant, Physical Education for Men — resignation effective 2-1-49.
BOLDUC, MRS. BARBARA, Assistant Teacher, Nursery School (Division of Special Services for War Veterans) — resignation effective 2-1-49.
BRODNICKI, LORETTA J., Scholar, Chemistry — resignation effective 1-31-49.
CAMP, MRS. ANGELENE HELLEBERG, Instructor, Home Economics (C) — resignation effective 2-1-49.

CARUS, MRS. RUTH FRENCHMAN, First Assistant, Home Economics (S) — resignation effective 1-1-49.
CHU, TSUN-HWEI, Fellow, Horticulture — declination effective 2-1-49.
COOKE, PAULINE M., Clinic Physician, Psychiatry (Medicine) — resignation effective 12-31-48.
DANKS, ARTHUR G., Professor, Veterinary Clinical Medicine, Head of Department (Veterinary Medicine) — resignation effective 2-21-49 at noon.
EISENSTEIN, MILTON, Instructor, Anatomy (Medicine) — resignation effective 2-1-49.
EKLUND, MRS. KATHARINE, Assistant Teacher, Nursery School (Division of Special Services for War Veterans) — resignation effective 2-1-49.
FALETTI, R. J., Instructor, Business Law — resignation effective 3-1-49.
HALL, MRS. KATHRYN P., Cataloger, rank of Instructor, Library of Medical Sciences — resignation effective 2-27-49.
HEINO, HELEN E., Instructor, Clinical Pathology (Medicine) — resignation effective 3-31-49.
HUFF, LYLE R., Instructor, Business Law — resignation effective 3-1-49.
JAMES, MARION EVELYN, Fellow, Library Science — declination effective 2-1-49.
JONES, W. H., Instructor, Chemistry — resignation effective 3-1-49.
KNOX, CARL W., Supervisor, Temporary Housing — resignation effective 3-1-49.
MACGREGOR, ELLEN, Serials Librarian, rank of Instructor (Undergraduate Division in Chicago) — resignation effective 2-12-49.
MAUNDER, MRS. BETTY, Assistant, Veterinary Pathology and Hygiene (Veterinary Medicine) — resignation effective 2-12-49 at noon.
MCQUITTY, LOUIS L., Counselor, Student Counseling Bureau — resignation effective 2-1-49.
MILLS, CULVER C., Supervisor of Counseling, Student Welfare (Undergraduate Division in Galesburg) — resignation effective 2-21-49.
MIX, HUGH M., Assistant, Journalism — resignation effective 1-31-49.
MOYER, KENNETH E., Assistant, Psychology — resignation effective 2-1-49.
MULLER, ERNEST H., Fellow, Geology — resignation effective 2-1-49.
NORTON, RALPH P., Instructor, Labor and Industrial Relations, Instructor, Journalism — resignation effective 3-1-49.
PAGANO, JOSEPH F., Harry G. Wright and Harriette A. Wright Fellow, Bacteriology — resignation effective 2-1-49.
RODGERS, FRANKLIN A., Fellow, Physics — resignation effective 2-1-49.
ROSS, ROBERT M., DuPont Postdoctoral Fellow, Chemistry — resignation effective 1-31-49.
SINGLETON, J. W., Assistant, Pediatrics (Medicine) — resignation effective 1-1-49.
SONGER, RICHARD G., Scholar, Zoology — resignation effective 2-1-49.
TAYLOR, MRS. SADIE W., Research Assistant, Plant Pathology (Horticulture) (S) — resignation effective 2-15-49.
THORNTON, R. W., Instructor, Engineering Sciences (Undergraduate Division in Galesburg) — resignation effective 2-1-49.
TREVOY, DONALD J., Shell Oil Company Fellow, Chemistry — resignation effective 1-31-49.
WERT, MRS. LUCILLE MATHENA, Assistant Catalog Librarian, rank of Instructor, Library (Undergraduate Division in Chicago) — resignation effective 3-1-49.
WITTELLE, MIRIAM, Counselor, Women's Residence Halls — resignation effective 1-31-49.
WOOD, MRS. JANE M., Assistant, Microanalysis (Chemistry) — resignation effective 3-15-49.

LEAVES OF ABSENCE

MITCHELL, R. V., Assistant Professor, Marketing (Business Organization and Operation)—leave of absence, without salary, March 1-August 31, 1949.

RETIREMENTS

ASHBY, R. C., Professor, Livestock Marketing and Livestock Marketing Research (Agricultural Economics & Animal Science) (C & S) — retirement effective 9-1-49.
FREER, LOUISE, Professor, Physical Education for Women, Head of the Department — retirement effective 9-1-49.

HILLER, E. T., Professor, Sociology — retirement effective 2-1-49.
SPITLER, J. C., Professor, Agricultural Extension (C), Associate Director, Extension Service in Agriculture and Home Economics, State Leader of Farm Advisers (E) — retirement effective 9-1-49.

DEGREES CONFERRED FEBRUARY 6, 1949

Summary

Degrees in the Graduate College:		
Doctor of Philosophy	39	
Doctor of Education	3	
Master of Education	3	
Master of Social Work	1	
Master of Arts	46	
Master of Science	169	
Master of Music	1	
Total, Graduate College	262	
Degrees in Law:		
Bachelor of Science	12	
Bachelor of Laws	34	
Doctor of Law	4	
Total, Law	50	
Baccalaureate Degrees:		
Bachelor of Science, Library School	1	
Bachelor of Science, College of Agriculture	65	
Bachelor of Science, College of Engineering	240	
Bachelor of Arts, College of Liberal Arts and Sciences	161	
Bachelor of Science, College of Liberal Arts and Sciences	102	
Bachelor of Science, College of Education	38	
Bachelor of Science, College of Commerce and Business Administration	209	
Bachelor of Science, School of Journalism	62	
Bachelor of Science, College of Fine and Applied Arts	45	
Bachelor of Fine Arts, College of Fine and Applied Arts	20	
Bachelor of Music, College of Fine and Applied Arts	2	
Bachelor of Science, School of Physical Education	44	
Bachelor of Science, Division of Special Services for War Veterans	229	
Total, Baccalaureate Degrees	1,218	
Total, Degrees Conferred		1,530

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Agricultural Economics

CHING PENG MENG, B.S., Nanking University, 1942; M.S., Cornell University, 1946

In Agronomy

ROBERT PAUL PFEIFER, B.S., 1942
STANLEY ARTHUR WATSON, A.B., Pomona College, 1939; M.S., 1941

In Bacteriology

ROBERT ALLEN ALTENBERN, B.S., University of New Hampshire, 1943; M.S., 1947
CARROLL EUGENE HEIST, B.S., Muhlenberg College, 1930; M.S., 1947

In Chemistry

PETER GEORGE ARVAN, B.S., 1943; A.M., Indiana University, 1944
BURTON PETER BLOCK, B.S., Harvard College, 1944; M.S., University of Tennessee, 1945
ARCHIBALD MILLER HYSON, B.S., Pennsylvania State College, 1942; M.S., 1944

JAMES LESLIE JOHNSON, B.S., University of North Carolina, 1943
JOHN HENRY KOEHNEKE, A.B., M.S., Kalamazoo College, 1943, 1945
GERHARD WALTER LEUBNER, B.S., Union College (Schenectady), 1943
MELVIN HENRY MUELLER, A.B., Iowa State Teachers College, 1940
ROBERT RICHARD PHILLIPS, A.B., Central College, 1942; M.S., 1947
JOHN CADWALLADER RICHARDS, A.B., Princeton University, 1942
WILLIAM VANCE RUYLE, A.B., A.M., University of Nebraska, 1942, 1943
RAYMOND PETER SEVEN, A.B., University of Michigan, 1943; M.S., 1947
GRADUS LAWRENCE SHOEMAKER, A.B., Hope College, 1944; M.S., 1947
LEONARD CHARLES SMITH, JR., A.B., Montana State University, 1943
THEODORE MERRIAM VIAL, B.S., University of Maryland, 1942
DAVID JEFFERSON WALLACE, B.S., Murray State Teachers College, 1942

In Civil Engineering

PARESHNATH CHATTERJEE, B.S., B.Eng., Calcutta University, 1938, 1941; M.S., 1947

In Dairy Production

BRUCE EDWARD ELLICKSON, B.S., 1943
HOWARD ERRETTE MOORMAN, B.Ed., Southern Illinois University, 1936; M.S., 1942

In Economics

GERTRUDE VALENTINA GRODSKI, B.S., M.S., 1943, 1944

In Education

WENDELL EUGENE CANNON, B.S., M.S., 1928, 1931

In Electrical Engineering

GILBERT BARTHOLOMEW BLISS, B.S., M.S., 1933, 1939
ROBERT EDWARD FONTANA, B.E.E., New York University, 1939; M.S., 1947
CHARLES ASBURY HOLT, III, B.S., United States Military Academy, 1943; M.S., 1947

In Entomology

GEORGE FRANKLIN LUDVIK, A.B., M.S., 1941, 1947

In French

RALPH MARION PERRY, Ph.B., A.M., University of Chicago, 1933, 1937

In Geology

ERNEST JAMES WINGETT IRISH, A.B., A.M., University of British Columbia, 1939, 1940

In History

JOSEPHINE LOUISE HARPER, A.B., Rockford College, 1942; A.M., 1943

In Physics

PETER AXEL, A.B., Brooklyn College, 1943; M.S., 1947
ROBERT KENLEY CLARK, A.B., Montana State University, 1939; M.S., 1941
RALPH ERNEST MEAGHER, B.S., University of Chicago, 1938; M.S., Massachusetts Institute of Technology, 1939
JAMES ALFRED PHILLIPS, A.B., Carleton College, 1942; M.S., 1943
FRANKLIN ALANSON RODGERS, B.S., Bradley Polytechnic Institute, 1944
ANDREW WILLIAM SUNYAR, A.B., Albion College, 1942; M.S., 1944

In Veterinary Pathology and Hygiene

JOSEPH ORTAN ALBERTS, B.S., M.S., 1934, 1935; V.M.D., University of Pennsylvania, 1943

Professional Degrees

Degree of Doctor of Education

MAX REED GOODSON, A.B., A.M., Ed.M., 1933, 1936, 1942
KARL LOUIS MASSANARI, A.B., Goshen College, 1936; A.M., Ed.M., 1942, 1948
LLOYD JAMES PHIPPS, B.S., M.S., Ed.M., 1940, 1942, 1947

Degree of Master of Education

WARREN JUSTUS HUFFMAN, A.B., Bridgewater College, 1937; A.M., 1942
GEORGE ORVILLE JOHNSON, B.S., Milwaukee State Teachers College, 1938
JOSEPH ANDREW MASON, B.S., Bradley University, 1937; M.S., 1941

Degree of Master of Social Work

CORDILL HAMILTON WOOD, A.B., Rockford College, 1941

Degree of Master of Arts

In Chemistry

RACHEL KOPEL, A.B., Hanover College, 1947
JOHN EDWARD MCNAMARA, A.B., Knox College, 1947
ELIZABETH IRWIN PARKER, A.B., Smith College, 1945

In Economics

TSI-YANG CHEN, A.B., National Hunan University, 1943
WALTER TOMPSON, A.B., Boston University, 1947

In Education

GRACIELA ANDRADE, Graduate, University of Concepcion (Chile), 1935
CARL HARMOND BAUMGARDNER, B.Ed., Illinois State Normal University, 1942
SANFORD EUGENE BELL, A.B., Lincoln University, 1941
LEONE BERGFIELD, B.S., 1943
DOROTHY MAE BOTTOMLEY, B.Ed., Illinois State Normal University, 1942
LOUIE ELLA SIDWELL DAVIS, B.Ed., Western Illinois State College, 1939
JESSIE LEE DELASHMENT, A.B., Stowe Teachers College, 1947
JEAN ELIZABETH DONALDSON, A.B., Fisk University, 1946
MARGARET WILBOURN HENDERSON, B.S., Southern Illinois University, 1946
JOSEPH CHERYL JURJEVICH, JR., B.S., 1948
MARY PATRICIA PEIFER, A.B., John B. Stetson University, 1943
ROBERT JACK SILVER, B.S., 1948
PHYLLIS GERTRUDE SMITH, B.S., Illinois State Normal University, 1945
THOMAS SVOB, B.Ed., Western Illinois State College, 1939
ROBERTA JACKMAN THOMPSON, A.B., Lake Forest College, 1945
MARY MILDRED WALKER, A.B., Stowe Teachers College, 1947
RUSSELL SANFORD WARD, B.Ed., Southern Illinois University, 1943
ROBERT CHARLES ZIMMERMAN, B.Ed., Eastern Illinois State College, 1940

In English

WILLIAM ELLIOT COLBURN, A.B., 1947
ADRIAN WILLIAM JANES, A.B., 1939

In French

JANE RIGGS HAYNES, A.B., Butler University, 1941

In History

FRANK RAYMOND ADDIS, A.B., 1948
MARY DOWLING ELLICKSON, A.B., 1943
ARTHUR QUENTIN LARSON, JR., A.B., 1948
NELLIE HOLLAND RAMEY, A.B., 1910
DORRIS WILBUR WILTON, A.B., 1947

In Mathematics

EVELYN KENDRICK KINNEY, A.B., 1948
SAAD LUKA MIKHAIL, B.S., Fouad I University, 1943
MERLE WALLACE MILLIGAN, B.S., Monmouth College, 1947
EDGAR RAYMOND MULLINS, JR., A.B., Grinnell College, 1947

In Physics

ROBERT LAY HICKMOTT, A.B., Kalamazoo College, 1947

In Physiology

MARJORIE ALICE VAN VRANKEN, A.B., Hope College, 1946

In Political Science

IN-TONG LEE, A.B., University of Kwangsi, 1944
PAUL OTTO PROEHL, A.B., J.D., 1942, 1948

In Psychology

CAMILLE ANN DI BELLA, A.B., 1947
DAVID ROBERTSON SAUNDERS, B.S., Harvard University, 1943

In Social Sciences

LYMME MASCO YOUNG, B.S., 1948

In Sociology

PER-SHAUN YOUNG, A.B., National Sun Yat-Sen University, 1940

In Speech

JACK JUNIOR HASCH, A.B., 1947
HENRY HAROLD MAMET, A.B., 1946

In the Teaching of English

JOY HELEN COVEY, A.B., 1947

Degree of Master of Science

In Accountancy

RICHARD WAYNE FISHER, B.S., University of Kansas, 1948
HUGH WILLIAM MATTER, B.S., Miami University, 1948
WILLIAM ADOLPH TERRILL, B.B.S., B.S., University of Cincinnati, 1938, 1940

In Agricultural Economics

AHMAD ZAKI ABD-ELHADI SHEIRA, B.S., Farouk University, 1946

In Agricultural Engineering

HERMAN WILLIAM GLOVER, B.S., University of Georgia, 1947

In Agronomy

KUANG-LU CHENG, A.B., National Northwestern College of Agriculture, 1941
FRED WARREN SLIFE, B.S., 1947

In Animal Nutrition

ARTHUR HENDERSON NESBIT, B.S., 1947

In Animal Science

WILLIAM EDWARD BOLLAERT, B.S., University of Notre Dame, 1946
WILLIAM HARVEY PFANDER, B.S., University of Missouri, 1948
WALTER THOMAS SMILEY, JR., B.S., University of Wisconsin, 1947

In Architecture

FERDI ABDURRAHMAN AKSEL, Graduate, Fine Arts Academy (Turkey), 1945
KENNETH WILLIAM BROOKS, B.S., 1940
CHI-SHIH CHANG, B.S., National Central University, 1941
DICK-NOE PANG, B.S., National Central University, 1937
FRED TREITLER, B.S., Illinois Institute of Technology, 1946

In Bacteriology

ELEANOR FRANCES CALDWELL, B.S., 1945
CLIFTON CARROLL COPPER, B.S., Hampton Institute, 1944
JOHN ROYAL GERKE, A.B., Duke University, 1947
HERBERT MORITZ HIRSCH, B.S., 1947

RALPH HALE HUBBLE, A.B., James Millikin University, 1947
CHARLES SAUL KAMBAR, B.S., 1947
ROBERT LESLIE MYLROIE, B.S.A., University of British Columbia, 1942
SAMUEL ROSEN, A.B., Brooklyn College, 1948
ARTHUR MARVIN STERN, B.S., 1948
HALLECK BURKETT WARREN, JR., B.S., St. Louis University, 1943

In Biological Sciences

CLAIRE MARGARET CHULAY, B.S., 1947

In Ceramic Engineering

ROBERT FREDERICK KIMPEL, B.S., 1941
SADASHIV MANGESH LAD, B.S., University of Bombay, 1943, 1945
KANCHANLAL HIRALAL PARIKH, B.S., University of Bombay, 1943, 1945
SUDHIR SEN, B.S., Patna University, 1938; M.S., University of Calcutta, 1940
SANGA VENKATA SUBRAHMANYAM, B.S., Benares Hindu University, 1946

In Ceramics

TERRY FRANKLIN NEWKIRK, B.S., 1941

In Chemical Engineering

CHIA-YUNG CHEN, B.S., National Central University, 1943
MILFORD CHARLES TASSLER, B.S., Carnegie Institute of Technology, 1947

In Chemistry

CHIA-CHEN CHU, B.S., University of Shanghai, 1944
LEON WILLIAM CUNNINGHAM, JR., B.S., Alabama Polytechnic Institute, 1947
EMIL WILLIAM GRIESHABER, B.S., University of Wisconsin, 1947
PAUL SEWARD MCKITTRICK, A.B., Princeton University, 1947
ALBIN GEORGE PINKUS, B.S., Columbia University, 1947
ARTHUR EDWARD ROSE, B.S., 1948

In Civil Engineering

DOGAN AKAD, B.S., 1948
JOHN CALVIN ASCHERMAN, B.S., 1944
CHANG-BA CHAI, B.S., Chiao Tung University, 1946
JIA-HUNG JEAN, B.S., Chekiang University, 1945
FRANK KLEIN, B.S., 1940
DAH-HSUAN LEE, B.S., National Sun Yat-Sen University, 1942
ZUR-KONG LEE, B.S., St. John's University, 1938
KUO-JUN LI, B.S., National Wu-han University, 1945
PAUL LEONARD LOPINOT, B.S., 1947
GORDON ELBERT MARTIN, B.S., 1948
ROBERT JOHN MOSBORG, B.S., 1946
ROBERT ORPIN, B.S., Kansas State College, 1940
SAI-LUNG PAN, B.S., Hangchow Christian College, 1945
SALVATORE ANTHONY ROCCI, B.S., Pennsylvania State College, 1947
HAROLD SEAMAN SHAFFER, B.S., 1948
GEORGE KIDD SINNAMON, B.S., Rutgers University, 1947
JAMES EDWARD STALLMEYER, B.S., 1947
KING-SANG SUN, B.S., National Fuh Tan University, 1946

In Clinical Psychology

JOSEPH JAMES DE LUCIA, B.S., St. Peter's College, 1943
ESTHER MIGNON ROLLINS, B.S., Howard University, 1947

In Dairy Production

RICHARD IRWIN MEYER, B.S., 1948

In Dairy Technology

WILLIAM ROBERT LAHVIC, JR., B.S., 1948
JOSEPH TOBIAS, B.S., University of Georgia, 1942

In Economics

LLOYD JUNIOR SMITH, B.S., 1947

In Education

ROBERT EDWARD ALLISON, B.S., 1948
VERLA ELIZABETH BERG, B.S., 1940
ROBERT OLIVER BIRKHIMER, B.S., 1946
ROBERT RUDOLPH FALKENSTEIN, B.S., 1942
LAWRENCE ELSTON GREEN, B.S., Southern Illinois University, 1948
CLARK NORRIS JENKINS, B.S., 1947
MARY MUELLER KEIRLE, B.S., Shurtleff College, 1945
ROBERT SOLOMON LUKOV, B.S., 1948
WILLIAM DAVID MASTERS, B.S., 1939
JACK CLAUD MCILVOY, B.S., 1937
ALBERT RALPH MUNSE, B.S., 1947
MARCELLA WILSON PALM, B.Ed., Illinois State Normal University, 1942
KENNETH HARVEY PARKER, B.S., 1948
CECILE BLANCHE RENTSCHLER, B.S., 1948
SAMUEL RICHMOND, B.S., 1933
HERMAN F. SHUSTER, B.S., Northwestern University, 1935
EMMETT SIMMS, B.S., 1948
FRANCES TENDICK TUXHORN, B.S., MacMurray College, 1931

In the Education of Mentally Handicapped Children

MARY EDITH CORLETT, A.B., University of Colorado, 1943

In Electrical Engineering

MURRAY LEWIS BABCOCK, B.S., 1948
SIDNEY CLYDE BRUCE, B.S., University of Colorado, 1940
WALTON WAYNE CANNON, B.S., 1948
WILLIAM BROOKS CARROLL, B.E.E., Alabama Polytechnic Institute, 1940
TE-NING CHIN, B.E.E., National Southwest Associated University, 1942
GLENN CRADDOCK COLEMAN, B.S., United States Military Academy, 1938
MILTON HAROLD CROTHERS, B.S., South Dakota State College, 1942
GLENN B. DAUGHTON, B.S., M.S., Carnegie Institute of Technology, 1937, 1940
CLYDE RAYMOND EISENSCHMIDT, JR., B.S., United States Military Academy, 1942
ROBERT FREDERICK FROST, B.S., United States Military Academy, 1936
FRANCIS POWERS GREEN, B.S., 1948
YATES MICHEL HILL, B.S., United States Military Academy, 1942
RICHARD MILTON HOLLIS, B.S., Purdue University, 1948
PERRY LEN HUIE, B.S., 1947
ROBERT STANLEY JACOBSON, B.S., Worcester Polytechnic Institute, 1946
ELMER DOUGLASS JONES, JR., B.S., Howard University, 1941
JACOB FRANK KOENIG, B.S., Pennsylvania State College, 1944
CLARENCE HARMON LEWIS, B.S., 1933
CHEN-HUA LIU, B.S., 1948
HSIEN-HAO MEI, B.S., National Chiao-Tung University, 1945
ALBERT ROYAL NOLAND, B.S., 1948
ORVILLE RHODELL POMEROY, B.S., 1948
LYLE SHEPHERD PURNELL, A.B., 1942
DOUGLAS EDWARD ROYAL, B.S., 1948
JOSEPH ABRAHAM SALOOM, JR., B.S., 1948
BUFORD SMITH, JR., B.S., University of Tennessee, 1943
YU-CHING TU, B.S., National Chiao Tung University, 1946
WAYNE JAMES VANDERGRIFT, B.S., Rutgers University, 1947

In Entomology

MURRAY IRVING COOPER, B.S., Cornell University, 1947
FRANK EDWIN GUTHRIE, B.S., University of Kentucky, 1947

In Geology

RICHARD JOEL CASSIN, B.S., 1942
ROBERT HAROLD SHAVER, B.S., 1947

In Home Economics

PAULINE LENORA BENNETT, B.Ed., Illinois State Normal University, 1942
HARRIET JOAN WRIGHT, B.S., Framingham State Teachers College, 1940

In Horticulture

JAMES BISCHOFF ARMSTRONG, B.S., University of Maryland, 1945
ROBERT ELMER HARNACK, B.S., Iowa State College, 1947

In Journalism

NELSON WELLESLEY CAMPBELL, B.S., 1943

In Mathematics

FREDERICK ARTHUR BELL, B.Ed., Chicago Teachers College, 1943
PAUL F. CONRAD, B.S., 1948
HARRY DENIS FRANKEL, B.S., 1947
LOVICK LAMAR LAYTON, B.S., Georgia Teachers College, 1935; A.M., Emory University, 1937
JAMES HAROLD TURNOCK, JR., B.S., 1948
ROBERT JOHN WEEKS, B.S., Illinois State Normal University, 1947

In Mechanical Engineering

MIEN CHAO, B.S., Chiao Tung University, 1938
L-KANT DZEN, B.S., National Institute of Technology, 1944
WYMAN KENNETH ENDER, B.S., 1948
GURNAM SINGH GUJRAL, B.S., Government College (India), 1943; B.S., 1948
HENRY FRANCIS HRUBECKY, B.S., 1944
GANPAT JAIWANTRAO KAMAT, B.S., University of Calcutta, 1943; B.Eng., University of Bombay, 1946
HAROLD RAYMOND KOENIG, B.S., 1947
ROBERT WILLIAM LALLY, B.S., 1948
JERRY RONALD ROAN, B.S., 1945
BURT MILTON ROWE, B.S., Tufts College, 1945
JOSEPH TOLMAN SHARPE, B.Eng., Vanderbilt University, 1947
WILLIS SPRATTLING, JR., B.S., Bradley University, 1947
RONALD KUNG-CHAO WANG, B.S., National Tsing Hua University, 1947

In Metallurgical Engineering

JAMES HENRY BECHTOLD, B.S., 1947
ROBERT WALTER BOHL, B.S., 1946
JOSEPH ALLEN GAINES, B.S., 1944
WARREN JONSSON, B.S., 1947
SAM LEBER, B.S., 1947

In Music Education

JAMES WILLIAM SCHRODT, B.Mus., M.Mus., 1938, 1947
LOUIS WILLIAM VAN ERMEN, B.Mus.Ed., Bradley University, 1942

In Physical Education

OLGA VICTORIK, B.S., 1942
NINA JANE WITHERELL, B.S., 1942

In Physics

DAVID BELLAMY DUTTON, B.S., Case Institute of Technology, 1947
JOHN CYRUS FUHRMEISTER, A.B., Coe College, 1944
DONALD HARVEY GLENNY, A.B., M.A., McMaster University, 1946, 1947

EFRAM RICHARD LAVINE, A.B., 1948
JOEL SMITH LAWSON, JR., A.B., Williams College, 1947
WALTER ORVILLE MANSFIELD, JR., A.B., Marietta College, 1947
ROBERT EDMUND ROWLAND, A.B., Cornell College, 1947
WILLIAM W. SCHRIEVER, B.S., University of Oklahoma, 1947

In Political Science

ROSLYN BERGER FRIEDMAN, B.S., 1946

In Sanitary Engineering

ROBERT EDWIN HAMILTON, B.S., 1947

In Speech Correction

FRANCES LEE JOHNSON, A.B., Augustana College, 1944

In the Teaching of Biological Sciences

ARTHUR PAUL HINSON, B.S., McKendree College, 1947

In Theoretical and Applied Mechanics

EIVIND HOGNESTAD, B.S., Norway Institute of Technology, 1947
CHARLES ERWIN SPAETH, B.S., 1948
JOHN BRUCE WOOD, B.S., University of Pittsburgh, 1939

In Zoology

SADAKO HAYASE, A.B., Swarthmore College, 1947
WILLIAM BECKWITH ROBERTSON, A.B., Carthage College, 1947
MARY FRANCES THOMETZ, B.S., 1947
KENYON STANLEY TWEEDELL, B.S., 1947
MURRAY WITTNER, B.S., 1948

Degree of Master of Music

THOMAS LOGAN MILLS, B.Mus., Hendrix College, 1947

COLLEGE OF LAW

Degree of Bachelor of Science

In Law

DONALD LEE ARNOLD
LIONEL IRVING BRAZEN
FRANK BERTRAM DEYO
CHESTER EARL EVANS
ROY DELBERT GRUNNET
JOHN MARTIN LAWLESS
WILLIAM MCINTYRE LEWERS
JOHN JOSEPH MORAN
LAWRENCE ARTHUR PATTON
ROBERT HARRISON RECK
JACK GEORGE STEIN
ARTHUR FREDERICK WENDLER

Degree of Bachelor of Laws

WILLIAM HENRY AMLING, A.B., 1943
WARREN CARL ANTHONY BEHR, A.B., 1947
PHILIP BAKER BENEFIEL
ROBERT EMMONS BJELLAND, B.S., 1944
HENRY GEORGE BORDEN, B.S., 1938
WILLIAM CAHN, A.B., 1946
WILLIAM CARROL CALVIN, B.S., 1947
CARL FRANK CHAPMAN, B.S., 1947

JOHN HAL CONNOR, JR., B.S., 1948
RICHARD RAYMOND CROSS
FLOYD ANGELOUS DEMANES
GEORGE ELWIN DEWOLF, JR., B.S., 1947
ROY S. DIAMOND, B.S., 1948
SIDNEY MORGAN DRAKE, JR., B.S., 1947
JOHN JOSEPH FYALKA, B.S., 1945
HAROLD EUGENE HALLSTROM, B.S., 1947
JOHN BRUCE HYDE, A.B., 1947
FREDERICK WILLIAM IRION, B.S., 1947
ELMER JENKINS
BYRON EDWARD KOCH, B.S., 1942
WYATT ALLEN LINDSEY, B.S., Southern Illinois University, 1946
RAMON HAWES MASON, B.S., 1942
CHARLES AUGUSTUS MCCLURE, A.B., Oberlin College, 1943
RICHARD ALBAND MOHAN, B.S., 1944
WILLIAM PORTER MUMFORD, B.S., 1944
OWEN JENNINGS OOMS, A.B., 1946
JOHN PARMLEY, B.S., 1947
DANIEL JAMIESON SCHIFELING, A.B., 1947
GEORGE ALBERT SCOTT, A.B., Wabash College, 1946
JOHN CLAIRE SHUMAKER, B.S., 1947
HURSHAL CARL TUMMELSON, JR.
WENDELL GAUNT WINKELMANN, B.S., 1943
ROBERT GAYLORD WOLF, B.S., 1948
GIDEON EUGENE WRIGHT, B.S., 1947

Degree of Doctor of Law

JEFFERSON DAVIS GILLER, B.S., 1947
EARL LAVERNE PALMBERG, B.S., 1941
ROBERT CARL STOERZBACH, B.S., 1947; with Honors
JOHN HOWARD WATSON, JR., B.S., 1947; with Honors

LIBRARY SCHOOL

Degree of Bachelor of Science

In Library Science

RUBY VESTA MARTZ, A.B., University of Oklahoma, 1942

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agricultural Science

RICHARD CHIEN-WEN KAO, with Highest Honors
ELLIS GILBERT KNOX, with Honors
WILLIAM LEVI SEARLS
HERBERT LEE SHARP

In Agriculture

WILLIAM CLARK ANNIN
HAROLD ALVIN BRINKMEIER
ROBERT HAROLD BURGESS
DONALD APLAND CARLSON
RILEY VINCENT CHURCHILL
ALFRED ABBOTT CULVER
ROBERT FRANCIS CURRAN
FREDERIC EDGAR DANNER
CHARLES ORVILLE DAVISON
DONALD DWIGHT DICKENSON
CHARLES EUGENE ERICKSON
WILLIAM WALTER ERWIN
ALFRED GLEN HARMS, with Highest Honors
BURTON LAVERN HASSELBERG
WILLIAM MONROE HENRY, JR.
ROBERT JUDSON HOLLENSBE
WILLIAM KRONING HORIN
CHARLES SEYMOUR KRITZER
RALPH EVERETT LINSLEY
DEAN STANLEY LLOYD
CARL PAYNE MARTIN
CHARLES WILLIAM MAYFIELD
JOHN HILLER MCMAHON

ARNOLD NORMAN MOELLER, with High Honors
THOMAS HARRY MOFFETT
KENNETH ROBERT NELSON
CORDIE RAYMOND OGG, JR.
GERALD WAYNE PARR
ANTHONY LEO PAVLICK
WILLIAM THOMAS PETERSON
CHARLES WILLIAM PRANGE
JOHN ANTON SCHROEDER
HERMAN LOUIS SCHUETTE
EARL SNEARLEY, JR.
MILTON MEEKER SNOW
EARL ELWORTH SURRATT
WILLIAM LYCURGUS TRACY
EARL LOUIS URISH, with Highest Honors
FRANCIS DALE VERCLER, with Highest Honors
JACK ALLEN WASSON
JAMES SAMUEL WEHRLY, with Honors
AUGUST LOUIS WICKERT
DWIGHT MASON WILSON, with High Honors
CLARK EDWARD WISE, JR.

In Dairy Technology

JOHN PHILLIP EBERHART
ROBERT EDWIN FLAKS
ALBERT GLEN SLAGLE

In Floriculture

ALFRED CORNELL KOELLING, with Honors

In Home Economics

WINIFRED BOONE CAGLE, with Honors
DOROTHY JOYCE GALBREATH
PHYLLIS DAVIS KENEIPP
NORMA LYSLE MCCURLEY
LAURELL ROBINSON MCMINN, with Honors
JO MARILYN RIGG

In Home Economics Education

MELVA FLORENCE BAUGHMAN
MARGARET ADELINE ROGERS, with Honors

In Vocational Agriculture

FRANK CRAWFORD
FRANK WILLIAM PETERSEN, with Honors
ARTHUR MONROE PHILLIPS
RICHARD J. SMITH
WILBUR WARREN SPRING

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

DEAN LUCAS ADAMS
WALTER LEROY BEDENKOP, JR., with Honors
PAUL WILLIAM BORN
WILLIAM ANDREW BROOKS, JR., with High Honors
ROBERT DONALD FOSTER
VERNON LOUIS FRENCH
JOHN EDWIN GILROY
DAVID HUGO JAFFE
WILLIAM JOHN LAWTON, JR., with Honors
LOWELL KENNETH MASLEY
DONALD EDWARD PARKER
JOHN WILLIAM PAUL, JR.
BERNARD RASHIS
GEORGE GRANVILLE RICKER
GEORGE TONY TRIFONOFF
VERNON FLOYD VAN HEYNINGEN, with Honors
JOHN JAY WILLIAMS
FRANK WOHLMUTH
JOSEPH MARVIN ZABINSKY

In Agricultural Engineering

JAMES DRUMMER PRENDERGAST

In Ceramic Engineering

DANIEL LEW DEADMORE
STANLEY FRANCIS PASPY, JR.
HENRY WELK RAPP, JR.
LAVOY HENSEL SCHNEIDER

In Civil Engineering

CLIFFORD EINAR ANDERSON
ARTHUR ERNEST ARCHER
MEHMET MUVAHIT ATAMER
WILLIAM WORRELL BRANNON
ROBERT ALLEN BRISCOE
DONALD Q. BROWN, with High Honors

RONALD HUGH BROWN, with High Honors
DONALD DEAN BURLEY
VERNON ANDREW CISKE
CHARLES ALLAN CLINARD
JOHN ROBERT COATH
JAMES CHARLES CORBETT, JR.
GORDON BENNETT DALRYMPLE
FRANKLIN FREDERICK DENTON
DONALD DAVID DILLER
NORMAN COOPER EMERICK
ROBERT GATES FLETCHER
MUZAFFER GOCEK
ALLAN ROSS GOODMAN, with Honors
EDWARD WILLIAM HABICHT, with Honors
JACKSON LEROY HOCKMAN
JOSEPH ILLICH
JEAN MARSHALL KENEIPP
GERALD MOY LEE
WILLIAM FRANCIS LEE
TED ALLAN LEVY
RUSSELL OLANDER LIGHTCAP
LOWELL WILLIAM MARKERT
KENNETH FRANCIS MCGANN, with High Honors
JOHN RUSSELL MCLAUGHLIN
JAMES LOWELL MILLS
CLARENCE RAYMOND NOWACKI, with Honors
ANIBAL PADRO-ACEVEDO
ELMER WILLIAM PASSOW
LAVERNE HARRY PECK
LOURDE CHESTER PFULB, JR.
JAMES WALTER POWERS
DOMINIC PRINCIPALI
SOMPORN PUNYAGUPTA
JOHN DAVID SIMPSON
WAYNE ALAN SMUTZ
HERBERT JOHN SORENSEN
PAUL ROBERT TUTT
HENRY KENNETH VOGEL
DONALD EUGENE WAGGONER, with Honors

In Electrical Engineering

ROBERT ALLEN ADKISSON, with Honors
JOHN LEE BEIDELMAN
ROBERT DAHLEEN BILLINGS
ROBERT EDWARD BIRR
WILLIAM JAMES BRINKER, JR.
JAMES WAYNE BROWN
HOWARD HALLMAN BURROUGHS
LOUIS J. COHN
SAMUEL FLORENZ COLEMAN
LEWIS JOHN CRAFT, JR.
DANIEL JOSEPH DAUGHERTY, with Honors
JOHN MARVIN DEMETRY
ROBERT JAMES DENNIS
GLEN DARREL DEVORE
JOHN OSCAR DICK
FRANK JUNIOR DILL
FLOYD DUNN, with Honors
CONSTANTINE JOHN ECONOMIDES
LEROY CLARENCE ELLIS
DWAYNE RICHARD FRY
HELMUT JOHN GEISLER
WILFRED WALDO GEISSLER
NELSON WOOD GENUNG
FREDERICK PHILIP GLASSMAN
WILLIAM FRANCIS GRIFFARD
CARL REVERE HALL
MARVIN EDWIN HANNER
JOHN RICHARD HOLZINGER
ROBERT LEE HYDE, with Honors
DONALD SANDELIN JOHNSON
JULIUS KAYE
JOHN MARSHALL KING
ROBERT LOUIS LEBDUSKA
HOWARD DALE LITWILLER
JOHN FREDERICK MAGUIRE
ROBERT W. MANN
STEVEN WILLIAM MARRAS
GLENN MARK MASSIE
ROBERT CLAYTON MCLANE
JAMES PATRICK MCMAHON
HERMAN MENCHER
GEORGE MISTIC
JAMES LEROY MOON
FRANK JOSEPH OCNASCHEK, with High Honors
HERBERT ARNOLD ODLE
WILLIAM ARVID PAULSON
MARLAND HERMAN SANDER
CLARENCE EMMETT SANDY
LAWRENCE JAMES SCHEWE, JR.
GEORGE JUNIOR SCHILLINGER
JAMES HENRY SCHUSSELE
HAROLD BROWN SCOTT
HOWARD RICE SEID
KENNETH MANLEY SNAPP
PETER SPERELAKIS
LOUIS WAYNE STEVENS
RICHARD CHURCH STILES
CHARLES WILLIAM STUDT, with High Honors
KENNETH EVERETT TORESON
HARRY HOWARD WESTERHOLT, with Honors
ROBERT AARON WILLIAMS
RICHARD DUDLEY WILLIAMSON, with High Honors
CLYDE WILSON, JR.
ELDEN WOODROW WILSON
JAMES SIDNEY JOSEPH WILSON
GRANT EUGENE WINNER
LYNN ELLSWORTH WOLAVER
ROBERT LLEWELLYN WOLFF

In Engineering Physics

ROBERT WAYNE CORWIN
ARDEN HOUSTON GADDIS
THOMAS GOLDEN MORRISON
JAMES VALENTINE RYAN

In General Engineering

ROLAND FREDERICK BILL
LEROY ANTHONY DOUGALL
WILLIAM HUGH DUGAN
HAROLD SHERMAN FRENCH
JOSEPH GAYSOWSKI, JR.
RUDOLPH GUSTAV LARSON
ROBERT DOUGLAS MYERS
GERALD VERNON SHEFFER
GEORGE EDWIN SPEARS
ROBERT EDWARD SPITLER, with Honors

In Mechanical Engineering

LEON ADELMAN
LOWELL HAINES BARNETT
FAHIR BASCI
HARRY EDWARD ANTHONY BEAMS
GEORGE ALLEN BECKER
ALBERT WILLIAM BERG, with High Honors
CARL EDWARD BOETTCHER
WILLARD LARUE BOWMAN
HUGH GENE BRADY, JR.
ROBERT THOMAS BRADY
CLARENCE LAVERNE BROWN, JR.
PAT JOSEPH CALABRESE
JOHN JASPER CAMPBELL
GEORGE WILLIAMS CHEELY
EDWARD FRANK CLENDENIN
CLAYTON CAMMETT COLE
JOHN LEWIS COLP
LEWIS JOHN CRAFT, JR.
ROBERT JAMES CURRAN
JOSEPH MILTON DAVID
MERLE BURTRON DIERKING
CHARLES EDWIN DRURY, with High Honors
DAVID ARTHUR DUFF
SANFORD HAROLD EISMAN
JOSEPH ENGBERG
RICHARD JOHN FALLER
FAROUGH FARMAN-FARMAIAN
HAROLD ELLSWORTH GAITHER
NEVZAT GOMEC
JOSEPH ARNOLD GRIMMER
WILLIAM NEAL GROVES, with Honors
GEORGE WILLIAM GUIRL
LEONARD BRYAN HARRIS
MORRIS HENDERSON, with Honors
JAMES PHILLIP HERTZ
JOHN LEVIN HOLE
JOHN CHRISTIAN HUG
RICHARD REID HUNTER
JAMES FITZMAURICE KESSLER
HAROLD KINZER LEVY, with Honors
ROBERT CURTIS LINDSTROM
ELTON BLACKBURN LONG
VERNON VICTOR LUCAS
LOYD MARTIN LUNDQUIST, JR.
LEE MORTON MANNA
HERMAN SAMUEL MARCHISELLO
WILLIAM LINDLAND MATTHEESSEN
DONALD MICHAEL MAZENKO
LEO LEWIS NOVAK
SEYMOUR PARNES
BERNARD ALFRED PESKIN
IAN DALE POTTORF
DEAN ROBBINS RAINEY
KARL EDWARD RENNELS
HOWARD BENJAMIN SCHECKMAN
ROBERT EDWARD SCHMIELAU
EDWIN FREDERICK SCHWALBE
ROBERT LINCOLN SEVERNS
RICHARD PAUL SIEGFRIED
WILLIAM DAVID SKORBURG
DONALD GEORGE SMITH
ROBERT ALAMANDER SMITH
CHESTER TARCYSIUSZ SOKOLOWSKI
EARL EDWARD JOSEPH SPILLAR
RUSSEL EDWIN SPRAGUE
CHARLES ARTHUR STOLLEY
ERNEST ANTHONY SULASKI, with Honors
NORMAN LEIF SWANSON
JAMES MELVIN TABAKA
MILTON JOHN TRCKA
EUGENE GRANT VAIL
ROBERT LEE WATSON
EUGENE PHILLIP WELCHER, JR.
ROBERT HERMAN WILKE
DAVID WALLACE WRIGHT
THOMAS JOHN WRIGHT
BURTON EUGENE YOUNG
STEPHAN KARL ZELOBOWSKI

In Metallurgical Engineering

CHARLES ALBERT FOURNIER
ELMER LEROY FREY, JR.
EDWARD BERNARD GEMPLER
RALPH CLINTON GOETZ
FRANCIS KEITH LAMPSON
MUAMMER AHMET UNAL
CARL ROBERT WEYMUELLER
GEORGE CLIFFORD WILLING

In Mining Engineering

GEORGE ROBERT EADIE

In Sanitary Engineering

HERMAN KAPLAN, with High Honors JOHN JULIUS WURDACK

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

JACK LYNN ALLISON
JULIAN JAMES ALTROGGE
LEONOR RUTH ALVAREZ
MARTIN WILLIAM ANTHONISEN
ELAINE BERRY
NATHAN BEZANSKY
EDWARD MASON BITTINGER
HARLAN JOHN BLARE
MELVIN THEODORE BOBICK
ROBERT FRED BOGNER
MONICA HILLWORTH BOWEN
ZEDRICK THOMAS BRADEN, JR.
LEONARD JOSEPH BRALOWER
PATRICIA LOUISE BROWN
CAROL MAY BROWNING
WILLIAM HAMILTON BURNS, with Honors in Psychology
JAMES WEIR MARTIN CAMPBELL
DOLORES CAPALETY
JOAN SHIRLEY CARMELL
JOSEPH VINCENT LEWIS CATALANO
CHARLES NOAH CHERRY
LUCY MARIA CHIN
ROBERT HENRY CHRISTENSEN
DANIEL EUGENE CLARK, JR.
FRED ALBERT CLARK, JR.
JACQUELINE CHARLOTTE COCCIA
JAMES RALSTON COOPER
DONALD EUGENE COPPLE
ELLIOTT MAURICE CRAINE, with Honors in Chemistry
THOMAS RAYMOND CREWS, with Highest Honors in Chemistry
ROBERT THORNTON CROWDER
NORMAN WHISENNAND CUNNINGHAM
ELAINE CURTIS
CHARLES MARCUS DICIRO
MURIEL ELAINE DIX
HELEN EISEN
JOYCE THELMA ELLEDGE, with High Honors in Psychology
ROBERT LYNN FAIRBANK
IRVING FEINMAN
DANTE PETER FERRARA
LLOYD AMOS FULK, with Highest Honors in Mathematics
NORTON JAY FURMAN
GRETTA EMILIE GILBERTSON
LILLIAN ROITMAN GLADSTONE
MARCIA ELLEN GRABFELDER
JOHN PATRICK GRAHAM
ANNETTE MAY GROMFIN
FLORENCE GRAVES GUSTAFSON
BARBARA FRANK HAMANT
EARL NORTON HARRIS
SEYMOUR HELFAND
JACQUELYN COUNTRYMAN HOGANSON
GERALD KING HOOVER
GEORGE JAY HSIEH
SHIGERU ISHII
GLORIA JEANNE JACKSON
JAMES RICHARD JACKSON, with Honors in History
JACQUELINE JAFFE
WINIFRED ELSIE JENNINGS
DARRELL LLEWELLYN JOHNSON
EMMA JOHNSON
HOWARD LYLE JONES
DOROTHY STRAIN KATRIS
ALBERT KAUFMAN, JR.
IRVING NORTON KING
PAUL RICHARD KLEIN
ALENA KLEINER
HELEN MARIE KLIER, with Honors in Physical Science
GERTRUDE KOBLER, with High Honors in Sociology
OTTO MAX KOHLER, JR., with Honors in History
JOSEPH EDWARD KOMPARE
FLORENCE RITA KOSTKA
HELEN JUNE KRABBE
RITA ANN KUEFFNER
MEYER LANDES
PHYLLIS ELAINE LANG, with High Honors in Psychology
BARBARA LOIS LANMAN
DOROTHY LE QUATTE
HELEN RUCKEL LEVIN, with Honors in Economics
VINCENT CABRERA LOPEZ
CALVIN BRUCE LOW, with High Honors in German
VIRGINIA JANE LUFT
HYMAN MACKLER, with Honors in Chemistry
WILLIAM KRAMER MANN, JR.
HENRY CABLE MASSEY
MYRTLE WILSON MCCLISH
JAMES EVAN MILLS
DONALD ALAN MITCHELL
ALLYN JUDSON MORGAN
EARL LANGDON NEAL
ALLEN MERLE NELSON, with Honors in Philosophy
MARJORIE LILYAN NELSON
EDITH NUDELMAN

EDWARD THADDEUS OCZKOWSKI
JOHN JAMES OFFENHISER, with Honors in Geology
BETTY LOUISE PARKE
STANLEY FRANK PELCHER, JR.
IRA PENN
RUTH BERGMAN PESKIN, with High Honors in English
SANDER MOSES POSTOL
H. ROBERT POWELL
MARSHALL WILLIAM RAFFEL, with Honors in Philosophy
JOHN HARRISON RAINS, JR.
LOUISE RICHARDSON
LAWRENCE RIESER
RAE MARTI RING
LENORE JOAN ROGAL
MERILYN ROSENFELD
DONALD FREUND ROTH
CONSTANCE RENEÉ RUBIN
PHILIP RANDOLPH RUBY, with Honors in Chemistry
ARAH-DEAN PHYLLIS SCHEELE
GEORGE WILLIAM SCHUKNECHT
PATRICIA ANN SCOTT
THOMAS WERNER SEATON
CHARLOTTE HELEN SEBEL
ORRIS ARTHUR SENG
EUGENE MICHAEL SHALIT
HERBERT JOY SHANER, JR.
FRANK JAMES RICHARD SHAY, JR.
ANNE SHKLAIR
SIDNEY MARTIN SIGEL
ESTHER LEE SLAVICK
CLAYTON EARL SNYDER
HERMAN SOSTRIN
JOE WAYNE SPENCE
FLOYD HERBERT STEIN
JOHN ALBERT STEPHENSON
JAMES GORDON STERNBURG, with Honors in Entomology
HELEN MARGARET STONE
JAYCE LOU TOKMAN
PHYLLIS ANN TRAVIS
JOSEPH VELARDI
ROBERT FRANK VESPA
DORIS BAILEY WAKELAND, with High Honors in Political Science
FULTON WANT, JR.
JOHN ALEXANDER WAREKOIS
ARNOLD STEVEN WARLIN, with Highest Honors in History
CHARLES FRANKLIN WAXLER
BERNICE OZERAN WEISS
FRANK SIMPSON WHITING, JR.
JACQUELINE RUTH WHYNOT
MILDRED JUNE WINKLEMAN, with Highest Honors in Spanish
CORDELL HULL WOOD
EDWARD VAUGHAN WOOD
BURTON IRVING ZOUB
JUDITH ANN ZUCKERMAN, with High Honors in Psychology

In the Teaching of English

ROBERT LANDESMAN

In the Teaching of French

NORMA EVANS

In the Teaching of German

PATRICIA JEAN ELLIS

In the Teaching of Social Studies

GORDON LAVON DAVIS, with Honors
EARL HERMAN DIEKEN, with High Honors
HUDSON ELLWOOD MESSERALL
MARION LOIS ORTHER
FAITH ELAINE RHODES
PETER PAUL RIZZO
JAMES HARVEY ROBBINS
ROMAN SIEWIERSKI

In the Teaching of Spanish

SHIRLEY TANNENBAUM HATTIS
JOSEPHINE BLOOM STEIN, with High Honors
BETTY JANE STEINER, with High Honors

Degree of Bachelor of Science

In Chemical Engineering

MEYER CHERTOFF
ROBERT LEON LAWRENCE CHILENSKAS, with Highest Honors
RICHARD ALFRED CODERRE, with Highest Honors
HENNING WALFRED EKLUND, with High Honors
LEONARD JOSEPH GORDON, with High Honors
JOHN CHARLES GRENCH
DAVID SOLOMAN HACKER, with High Honors
RAY WINSTON HARRIS, with Highest Honors
JAMES PRICE HENDRIX
RAYMOND CHARLES KOELLER, with Honors
WILLIAM GLENN MCDANIEL

EDWARD JOSEPH MIKA
HARRY DALE ONGMAN, with Honors
GORDON FAULKNER PALM, with Honors
EDWARD JOSEPH PETKUS, with High Honors
ROBERT KEITH SCHARMER, with Highest Honors
HERBERT GORDON SCHULTZ, with High Honors
BERNARD EDWARD SIMONSON
MILTON ANTON TULIS
BYRON ALVIN VANCE, with Honors
HAROLD LEROY WARD, JR., with High Honors
DONALD WILBUR WOOD, with High Honors

In Chemistry

MELVIN MANUEL BRESSLER
GEORGE RAYMOND JOSEPH CLARK, with Highest Honors
JOHN FREDERICK COLLINS
WILLIAM TOOLE CURLESS
NORMAN WILLISTON EARLE
DAVID LEON KANTRO, with Highest Honors
ROBERT MALCOLM KING
EDWARD HOWARD KOBISK
RICHARD FREMONT LIPPOLDT, with High Honors
DONALD FRANK MASON, with High Honors
DONALD EDWARD PAUL
RICHARD JOHN PRATT
LEON SIMET

In Home Economics

HELEN MARIE WOLCOTT, with Honors

In Liberal Arts and Sciences

ESTHER ALEXANDER
GERALD KEITH ANDERSON
ROBERT WALTER BEEBE
DOROTHY ANN BERCHER, with Honors in Bacteriology
BERNARD BERNE
VIVIAN ELAINE BERNSTEIN
DONALD GIBSON BEST
EDWARD HENRY BOLAM
DAVID ARTHUR BRIERLEY
WILLIAM JOSEPH CADDEN
CHARLES GLENN CARLYLE, with Honors in Mathematics
HOWARD ROSS CRAMER, with Honors in Geology
EDWARD REINAUER DEGGINGER, with Honors in Chemistry
RAYMOND LEE DRENAN
MARIAN LUCILLE DUBSKY
JOSEPH EDWARD FLANAGAN
BERNARD FREIREICH
JEANNITA JANE GLENN, with Honors in Zoology
ALVIN IRVING GOLDBERG
BARBARA JANE GRISWOLD
ROY HALPERN, with Honors in Chemistry
HILDEGARDE HEROLD HARRIS
MARGARET ANN HAYES
ROBERT COLLINS HAYGOOD
CHARLES MASAO ISE
RICHARD LEROY JOHNSON
ROBERT RICHARD JOHNSTON
IRWIN ARKY KALISH
JOANNE KATZOFF
EUGENE PAUL KOLEN
SHERRY KOPLON, with Highest Honors in Bacteriology
GEORGE KURTO, JR.
FRED ROBERT LAYTON, with Highest Honors in Chemistry
ALBERT LEBOYER, with Honors in Chemistry
JEROME LEONARD LIPIN
NORMA DORENE LOWRY, with Highest Honors in Psychology
JULIA LUBAS
DANIEL CREIGHTON MELROSE
CHARLOTTE MARVINE MELTON
PAUL A. MESCHER
BETTY SETSU MORIWAKI
HARRY NOVAK
IRVING PLISKIN
JOHN PAUL QUINN
MARY JULIA RIZZOLI
ELAINE SAMSON, with High Honors in Chemistry
JAMES DONALD SAUL
ANTHONY JOSEPH SCALETTA
HOWARD RAY SCHWALB
NATHAN SHIPKOWITZ
BERNARD ALLEN SMITH
WILLIAM JAMES SOLAWETZ, JR.
EDGAR ALLEN STEWART, JR.
WILLIAM SCOTT TANNER
MURRAY KENT TERIS
WILLARD JOHN TESCH, JR.
BERNARD ALAN THORSELL
DOROTHY IRENE WEERS
RICHARD HARTLEY WILLIS
HERBERT SOLOMON WOLF, with Honors in Mathematics
MARY BATEY WYLD, with Honors in Chemistry
ARTHUR TETSUO YAHIRO
SAMUEL ZEMAN, JR.

In Speech Correction

BONNIE LEA SMITH

In the Teaching of Biological Sciences and General Science

BYRON GEORGE BERNARD
PAULINE LEE ROSENTHAL

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

GLORIA ELIZABETH ANDERSON
RUBY JEANNETTE ASCHERMAN
JOSEPH ISADORE BOSI
BLANCHE LOUISE BURGESON
RETA MEMMEN CAMPBELL
ESTHER MARIE CHOBAR
MORTON COBURN
DOROTHY AGNES CURTIN
GLORIA ANN DAVIS
BETTIE LEE RILEY DECKER
JAMES JUNIOR EASLEY
CHARLES RONALD ENDRESS
ROSEMARY FLOOD
MARIAN PAULINE FULTON
WILLIAM MAURICE GLICKMAN, with High Honors in History
GEORGE KENNETH ISAACS
EDMUND ALOYSIUS KOSZUTA
BETTY R. LASAKOW
CHARLES PATRICK MARTIN, JR., with Honors in Education
JOSEPHINE MASTROPIETRO
LLOYD EVERALD MCCLEARY, with Honors in Education
BERNARD MEHL, with Honors in Mathematics
JACK CLIFFORD MERWIN, with Honors in Mathematics
WILLIAM FREDERICK MYERS
CHARLES HERMAN PEELER, JR.
MARIAN NORTHCOTT PONDER
IRENE HARRIET PONTO
DELORES EISENSTEIN PORDY
BETTY JANE REEDER
MIRIAM POZEN ROBINSON
VIVIAN JUDITH ROSENBLUM
MARION GERALDINE SHERIFF
OPHIA MAE SOKOLOWSKI
CLAUDEAN EDRIE TUTTLE
MARGARET ANN WELSH
NANCY LOUISE FEAD WYMAN

In Industrial Education

KENNETH FREEMAN LIGHT, with Honors
WALTER DEAN PAGELS

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

LEE HARRIS ADELSON
WILLIAM ALBIN ANDERSON, with Honors
ALFRED EDGAR BENT
THEODORE DAVID BERKSON
JAMES BERNARD BRAND
ROBERT ANTHONY BRUMLEVE
WILFRED WAYNE CLANNIN
PAUL ELBA CLEER
HOWARD COHEN
RUTH ELLEN COURTRIGHT
CHARLES JOSEPH DALEY
LAWRENCE JOHN DESMOND, with Honors
WAYNE EMMITT ELDRED
BERNARD LOUIS EMKES
RONALD EARL ESSERMAN
ROGER DALE EUBANKS
HAROLD LEE EWING
WILBUR RAE EWING
GERALD PETER FALETTI
WILLIAM DUNLOP FARR, with Honors
SISTO FASSERO
HAROLD PAUL FINE
JAMES KENNETH FOSTER
HAROLD RAY FRANKLIN, JR.
LEROY CARL GOAD
JACK GOMBERG
ROBERT ECKMANN GREEN
MARTIN MORRIS HELLER
WERNER OTTO HOFFMAN
GLORIA JUNE HOLLAND
GUY LEE HUDSON, with Honors
PHILIP GALE JOHNSON
EDWARD ROBERT KAIN
PAUL JAMES KELSEY, with Honors
ROBERT ELMER KIEL
GEORGE LEONARD KLAUS, with Honors
JOHN WALTER KLEWIN
HARLAN GEORGE KLOTZ, with Honors
LUDWIG ANTON KULOVSEK

LLOYD JULIUS KUNTZE
ROBERT DAVID LEACH, with Honors
ROGER CHARLES LENTZ
ABRAHAM HERBERT LIEBLING, with Honors
ROBERT GORIN LIVINGSTON
RAYMOND THOMAS LLOYD, JR., with Honors
DONALD EDWARD LOESCH
FRANK GILBERT LOWNDS
MELVIN CLIFFORD LUHRMAN
DARRELL JUNIOR MCREYNOLDS
CARMEN RUSSELL MILANO, with Honors
JO ANN OLSON
KENNETH DALE ORENDORFF, with Honors
SIDNEY MARTIN POLANSKY
HOWARD SAMUEL PORDY
HAROLD HENRY RATZ
PHILLIP RICH, with Honors
JULES RITHOLZ
FRED WILLIAM ROECKER
BERNARD HARRIS ROSS
ERNEST DAVID SCHNEIDER
PAUL SCHULTZ
CLARENCE SHAPIRO
EDWARD JEROME SILVERMAN, with Honors
ROBERT LEE SMITH, JR., with Honors
PAUL MICHAEL SOMERS
DANIEL JEROME STEINBERG, with Honors
HOWARD JAMES STEWART
RICHARD GARDNER STEWART, with Honors
JOHN RUSSELL STRANG
CHARLES EDWARD STREMPLER
GEORGE LEONARD STROUP
EARL RICHARD VOGELSANG
ROBERT WILLIAM WEBER, with Honors
JOHN CHARLES WEECH, with Honors
SEYMOUR WEINMAN
WILLIAM CARLSON WEIPERT, with Honors
JAMES RICHARD WHITFIELD
ERNEST WILSON
HOWARD ELDON WYMAN

In Accountancy and Management

GEORGE LEWIS FISHER
JOHN THORNTON HAVENS
JAMES ADOLPH PARCHMANN, with Honors in Accountancy

In Banking and Finance

NEAL ELDON LEIGHTY
VALE WAGNER NORTRIDGE, with Honors
ALLAN EDWIN PUMPHREY

In Commerce and Law

WILBUR ALLEN EVERINGHAM, with Honors
THOMAS JAMES HALPIN
JOHN RICHARD KELLER, with Honors
HAROLD EDWARD SORTOR

In Commercial Teaching

ALBERTA FRANCES POLENSKE
JEAN GENEVIEVE MILDRED RILEY

In Economics

ELLIOT CHAUM
DENNIS RONALD HEJNA
MYRON IRVIN HUTNER
JOHN MATTHEW KINNEAR, with Honors
JOSEPH EDWARD THOMAS O'MAHONY
LESTER B. ORDMAN
RALPH WILLIAM TIBBILS

In Economics and Management

BURTON LOUIS FRANKEL

In Industrial Administration

DAVID TED BEDELL
ROBERT ARTHUR JOHNSON
SHERMAN IRWIN MANDEL
JOHN WILLIAM MANIS
ROBERT CLINGMAN MOHR
HERBERT ANDREW PAIRITZ
HERBERT LYNN ROSZELL, JR.
GEORGE HENRY WEATHERBE, JR.
MILTON ROBERT ZELLMER

In Management

EVELYN MAE BAIRD, with Honors
MARSHALL LEROY BENTSEN
ROY THEODORE BRABEC
ERVIN MERRILL BROWN
MILES GARDNER BROWN
EDWIN ANTHONY BRUEGGEMANN
EDWARD JOSEPH BUCZKIEWICZ
PHILIP MACDONALD CARROLL, with Honors
ROBERT AUSTIN CHITTENDEN

LEE ROY CRAWFORD
ROBERT FRANKLIN DAVIS, with Honors
DAVID JOSEPH DILLON
LEE BRINK DRAPER
LAWRENCE ALBERT DUBOIS
DONALD ARTHUR ELANDER
EDWARD STEWART EX
LEONARD BENJAMIN FELDMAN
RICHARD DONALD FORTIN
ROBERT ADOLPH FRECH, with Honors
JAMES RODERICK GARNER
ROSS WARREN GILFILLAN
PAUL FRANCIS HACKETT
RUSSELL DENNIS HARBERT, JR.
TAFFIE HELLENY
GENE WALLACE HENDERSON
DON EUGENE HERRON, with Honors
RAYMOND HUGHES
JOHN ROBERT HUNTER
DONALD EDWARD JANSEN, with Honors
DELMAR KARL JOHANNSEN
JAMES ELMER JOHNSON
DAVID GRAHAM KILBURN
KENT WARREN LOCKE
DOUGLAS LEE MARTIN
JAMES JOSEPH MCARDLE, with Honors
WILLIAM ROBERT MITCHELL
JOHN NARUSIS, JR.
ALAN HENRY ORLOVE
ALICE ELEANOR PIERZHALA
PETER HAMPTON PRESSON
DONALD L. RAPPEPORT
HAROLD LEROY RHODES
STANLEY JULIAN ROSZKOWSKI
WILLIAM VAL RYDEN
CHANDLER GATES SMITH
LOIS EMMA SMITH

In Management and Marketing

JOHN FRANKLIN BELT, with Honors
ALDO DINO CAUCIG
LEONARD LEE GIBSON, with Honors
CHARLES ROBERT HERZOG
LAWRENCE KRULEWITCH
HERBERT CHARLES KRUPP
NICHOLAS KURIGA
DANIEL RAYMOND PICHON, JR., with Honors
JAMES ELDON ROURKE
LESLIE LOUIS SHEETS
CLIFTON JOSEPH SMITH
LEONARD SOROKA
HOWARD ARTHUR STAI
EUGENE MORRIS STINSON
LLOYD WILLIAM THOMPSON
LLOYD RANKIN WILLIAMS
CLARENCE EVERETT ZERMER

In Marketing

KENNETH FREDRICK ABRAHAMS
DONALD TAYLOR ANDERSON
STUART EUGENE ANDERSON
ALLAN HENRY BAHNSEN
WILLIAM LOCKLIN BARKER
CHARLES MOORMAN BARNETT
TYLL CURT BATES
LESLIE BRAVERMAN, with Honors
WILLIAM HOLLIS BUECHNER
ROBERT LYNN BUKOFZER
RICHARD LAWRENCE CARDOZO
JACK GUY CHARLESWORTH
HARRY MEAD CLARK, JR.
THOMAS WILLIAM COEN
IRENE ELLA CUNNINGHAM
CHARLES BURTON DELBRIDGE
EDWARD RUE ELLIOTT
EUGENE BENJAMIN GOLD
ARNOLD DAVID GOODMAN
FRANK CHARLES HART, JR.
ARTHUR HECKER
PATRICIA JEANE HOFFMAN
ALLAN CONRAD HOGANSON
HALE HOLDEN HUDDLESTON
EUGENE LAWRENCE JOHNSON
JAMES WOODROW KASSERMAN
ODELL LEON KIRK
HENRY JUNIOR KUERTH
HAROLD LEON
FRED MILLER MCCAHEY
ROBERT JOSEPH MINNING, with Honors
WILLIAM HAMILTON ORR
PHILIP BISHOP PARKER
CHARLES STEVENS REPA
ROBERT GERALD SLAVIK
HAROLD M. TEEPLE
EUGENE JOHN TRANDEL

In Public Affairs

CHARLES MATHEW HOLLEB, JR.

SCHOOL OF JOURNALISM

Degree of Bachelor of Science

In Journalism

ARLENE HARRIET BILLOW
LAWRENCE EDGAR BLOSTEIN
MARGARET NICHOLSON BROWN
ROBERT JULIUS BURKHARDT
JAMES ASHTON CHAPMAN
JOHN THOMAS COY

Charles Donnelly Cram
Jack Milton Crannell
John Nicholas DeBoice, with Honors
Jeanette Parquette Dodge
James Ross Dowler
Donald Hugh Driskell
John Richard Eby
Helen Jean Ernst
Elaine Folk
Richard Leslie Gibbs, with Honors
Miller Ralph Green
Alvin Robert Haerr, with Honors
Robert George Hallstein
Roy Gerald Hamrick
John Henry Hicks
Grover C. Hoff
Phillip Byrum Jeffries
Octavio Jordan
Leon Howard Katz
Carrel Lincoln Kimmel
Adele Evelyn King
William Fred Koelling
Joseph Edward Konvicka
Eugene Nicholas Lang
George Joseph Lipotich
Lee Donald Mann
Louis Presley Mautz
Beverly Lou Medow
Edward Anthony Michalski
Julia Elizabeth Miner
Lois Sandquist Moore, with Honors
Greta Morganstine
Jack Walter Nesslar
John Thomas Pavis
Louise Helen Pawlowski
Arthur Jay Perbohner
Leo Edward Persselin, with High Honors
Alvin William Pistorius, with Honors
Leonard Primer
Harvey Rubin
Ralph Richard Schenk
Milo John See, Jr.
Eric Paul Selin, with Honors
Edward George Singer, Jr.
Robert Roy Singer, Jr.
Seymour Soglin
Robert G. Summers
Cecil Gordon Taylor
Jane Bonker Tester
James Oscar Thompson
Nathan Uditsky
Edwin Weinshelbaum
Jack Hanley West, Jr.
J. Carroll Wilson
Ralph Alonzo Wright
George Wendell Zemina

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architectural Engineering

Kenneth Ford Einhorn, with High Honors
David Wolfe Fredman
Ralph Woolverton Gould
Vincent Francis Hamant
Shelton Marshall Hannig
Oliver Leon Herrick, with Honors
George McFarland Hodge, Jr.
James Charles James, Jr., with Honors
Thomas Christian Jellinger
Leland LaMont Lawrence, Jr., with Honors
William Dennis Murphy
Guy Robert Peterson, with High Honors
Howard Rose
Alan Granthan Seder, with Honors
Vernon Keller Senour
Roy Ellis Unsin, with Honors
Donald Otto Unteed
Henry Harold Varley

In Architecture

Silas Stringham Bigelow
Robert Paul Bradley
Edwin Ignatius John Callahan
Roberta Ann Cooke, with Honors
Louis Chris Cordogan
Robert Lawrence Friedman, with Honors
Arland Delaine Gould
Frank Carleton Huffman, Jr.
Ara Ignatius
Herbert Edward Kaiser
Allan Louis Karl, with Highest Honors
William George Karson
David Joseph Katz
Harold Warren Kemp, with Honors
Oscar Kleb
Jack Wesley Klund, with Honors
Pelayo M. Llarena, with Honors
Bernard Charles Mack
Robert Andrews Nelson
John Gordon Replinger, with Highest Honors
Wallace Glenn Smith
Richard Eugene Spencer
James Perdue Willis

In Music Education

NORMA LEE LINDENMUTH
ABBIE MARIE OLSON, with Honors
ALBERT DALE SHEPHERD
ARNOLD KENNETH WILLIAMS

Degree of Bachelor of Fine Arts

In Advertising Design

KENNETH EDWIN CONSAUL
LAVON THERESA DAVITO
EUGENE LOUIS KOLKEY
PATRICIA ANN MCKEE
WILBURN ALLEN MOORE

In Art Education

HERBERT DANIEL BLUMENTHAL
LINDA LEE ERMISCH
FAIRIE LOUISE HAVENS
FRANK JOSEPH MULA

In Industrial Design

OLGA KALAPACA DURHAM, with High Honors
WARREN WALTER FITZGERALD, with High Honors
WARREN SMITH GLENNY
GAYLE MAYNARD HARDY
EDWARD KLEIN
THOMAS CASEY KNIGHT
JULIUS JOHN SABYAN
GEORGE EDWARD SCHUTZ

In Painting

ELIZA ANNE FAIRFIELD
MARJORIE MARY WALDSCHMIDT
ELLEN MAE WEBB

Degree of Bachelor of Music

FRED MANNING HUBBELL, with Honors
CARL EDGAR LEACH

SCHOOL OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

MICHAEL ALBERT BANCHY, JR.
MELVIN BARKAN
BILLY HUBERT BATTERSHELL
HUGH JARMUTH BITTER
CHARLES RAY CHAPMAN
PASQUALE ANTHONY CIVITELLO
WILLIAM DAVID COOK
JOHN RICHARD DOHERTY
ROSS HOWARD ELVIDGE
GEORGE FREDERICK FISCHER, with Honors
GORDON LEE FISHER
JAMES SCOTT FLEMING, with Honors
ROLAND JOSEPH GAGNON
AIX BARNARD HARRISON
ROBERT REDMOND HESSENBERGER
RALPH HOWARD HINES
DONALD LEE HOSKIN
MURNEY MYLES LAZIER, with Honors
ARMAS JOHN LEHTINEN
PHILIP WEAVER LOGSDON
JOHN LUKACHIK, JR.
DONALD MILTON MAECHTLE
LESTER THOMAS MAPES, JR.
SAM MARSHALL MUSCATO
GEORGE EDWARD NASH
JAMES HENRY NEUFELDT
DORIS MARIE NEYENDORF
ALVIN HENRY NOBLE
PAUL ROBERT OLSON
HOWARD PALMER
RALPH ANTHONY PIGNATO
PATRICIA JANE POYTEN
MARILYN RUTH ROSENBAUM
JOHN FREDERICK SANDWICK, with Honors
STANLEY EUGENE SCHOFIELD
EDMOND WALDRON SHEA
ROBERT HELMUT TOBER
GEORGE JOHN TORHAN
GORDON ALBERT VAUNDRY
JOSEPH GEORGE WASKO, with Honors
ROBERT JOHN WATT
CHARLIE HALL WOOD
JEANNE FAY YOUNG
FRED F. ZANDIER

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

PHILIP ACKERMAN
CALVIN KARKOW AGGER
ROBERT MAURICE ALCORN
DANIEL EDWIN ANDERSON
WILLIAM EDWIN ANDERSON
JOHN PAUL APLINGTON
LEONARD WILLIAM ARMON
KARL ARON
EDWARD AUERSWALD
BERT BELL BABERO
WILLIAM ROBERT BANE
EMANUEL MANNY BARKIN
LESTER BARKMAN, JR.
ROBERT MILLER BARRICK
JOSEPH JACOB BARONE
FREDERICK REED BATES, with Honors
JOSEPH EUGENE BAUGHMAN
FRANCIS ADRIAN BAUMAN
MERVIN LEON BEIL
MAURICE ALBERT BENDES
EVO ROLAND BINDI
WILLIAM WEBB BLAIR
WILLIAM IRVING BLANKENBERG
HUBERT EUGENE BLAZINA
GEORGE SHEPARD BLOCK
BERNARD BLOOM
MILTON TUCKER BODMAN
CHARLES HENRY BOWMAN
ROBERT WILLIAM BRANDT
ROBERT FREDRICK BRODAY
EDWARD LAWRENCE BROWN
LARRY FRANK BROWN, with Honors
RICHARD CLARENCE BUGIELSKI
CLYDE ANDREW BURKHEAD
RICHARD EKSTROM CARLSON
ALLAN ROY CARPENTER, JR.
ROBERT JOSEPH CASEY
RICHARD FOWLER CASPER
ROBERT LEE CAVITT
ALVIN LANCASTER CHESTER
PHILIP JOSEPH COCHRANE
RICHARD MALCOLM COOPERMAN
ROBERT COXWORTH
RICHARD RAYMOND CROSS
ROBERT WELTON CUMMINS
JAMES WESLEY CURFMAN
JOSEPH FRANCIS CUSICK
WILLIAM GEORGE DAHLQUIST
ROBERT EMMETT DAVLIN
RICHARD HAWKINSON DEBAUGH
JOHN JOE JAMES DESMOND
ARTHUR VINCENT DEYOT
ALAN JOHN DIXON
ISAAC NEWTON DOLGINOW
JOHN CHARLES DUNSMORE
LEONARD DURHAM
JAMES VAN ALLEN EDSALL
WILLIAM MCLEAN EDGERLEY
GEORGE JOSEPH ELLIOTT
EARL DUANE EYMAN, with Honors
LADD WILLIAM FAULKNER
GLENN LOUIS FELTZ
JOHN KENNETH FISSINGER
ROBERT JAMES FOLKS
ERNEST RICHARD FRALEY
RICHARD YUNGHANS GARY
RAMON SHROYER GIBSON
ALFRED GEORGE GIERACH, JR.
DONALD PIERCE GIFFORD
EARL CHARLES GOETSCH
LYMAN GREER, JR.
GEORGE NEWTON GRIFFITH
WILLIAM MARION GRIFFITH, with Honors
DONALD BUTLER GRIM
ARTHUR FREDERICK GUDEHUS
WILBERT FERDINAND GUTH
DICK THORMAN HAAS
PHILIP REA HAGAN
ROBERT ERICK HAHN
RICHARD DIRCK HAMILTON
JOHN DODGE HAMPEL
CASPER FREDERICK HANAWALT
CALVIN HANNA, JR.
JOHN PHILIP HARNEY
RALPH WALTER HARTSHORN
CLARENCE THOMAS HAWORTH
HUGH MARSTON HEFNER
RALPH EDWARD HELMERICKS, JR.
BILLY KEITH HILL
KIM HILL
ELMER PHILLIP HOHMANN
JAMES HARLAN HOUTCHENS
JAMES RILEY HUFF, JR.
RALPH SIDNEY HURWITZ
LLOYD NATHANIEL HUTH
LAWRENCE EDWARD JACOBSON
WILLIAM HAROLD JACOBSON, JR.
WILLIAM CLARENCE JANES
RAYMOND WILLIAM JASEK
CHARLES HERMAN JESKE
CARL RICHARD JOHNSON
HARRY ALFRED JOHNSON, JR.
ELMER LEWIS JONES
RICHARD LEWIS JOUTRAS
ROBERT ARRINGTON KAMERMAN
WALTER RAYMOND KENYON, JR.
WESLEY ROBERT KING
DEXTER ASA KNOWLTON
STEWART BERNARD KOPPEL
STANLEY JOSEPH KOZUCH
JEROME ELMER KROPP

ROBERT THOMAS KRUPPE
RICHARD EDWARD LARSON
EMANUEL HENRY LAZERSON
CARROLL THOMAS LEMONS
WILLIAM ANDREW LEWIS
LAWRENCE LIEBERMAN
CARL DAVID LINDER
MAX GOMAN LINDSAY
JACK LIPE
ROBERT ROSCOE LIPE
HUBERT MAYO LIVINGSTON
PAUL EDWARD LONGENBAUGH
ROBERT LEWIS LUBIN
JAMES FRANCIS LYNCH
J. EDWARD MAHONEY
JACK LANE MANNLE
WARREN CHARLES MARGGRAF
JOSEPH PHILIP MARGOLIS
ELMER MAURER
NORMAN DEANE MAYFIELD
WALTER FREDRICK MCCONNELL
JOSEPH ALBERT MCDADE
MAURICE HAINLEY MCDANIEL
JAMES PATRICK MCGRADY
ADDISON ALLEN MCLINTOCK
ELIZABETH JUANITA MCRAE
GORDON GLENN MEIER
SHELDON SAMUEL MELLS
GENE FRANCIS METZINGER, with Honors
ELLEN LOUISE MICHAEL
DAVID MILLER
ROSS J. MILLER, with Honors
EDWARD ALEXANDER MITE
STANLEY LOUIS MOLASKY
HAROLD THOMAS MOONEY
WILLIAM JOHN MOSHER
JOHN GREGORY MUDGE
BRUCE MITCHELL MUIRHEAD
HUGH RONALD MURPHY
ROBERT MILLER NAAS
WILLIAM ROGER NASH
IRVING NEAR
MAURICE EDWARD NEWLON
HENRY CARL NEWMAN
ROBERT CHARLES NICKELS
ROBERT IRA NIERMAN
EDWIN JOHN NOWAK
MAURICE BERNARD NURSE
WILLIAM KIRLEY O'CONNOR
MAX LEROY OLSON
WILLIAM HOWARD ORCUTT
JOSEPH EDWARD PALMER
WESLEY HUGH PATTERSON
ROBERT LEWIS PEARSON
EMMETT WILKES PERKINS
CHARLES WILLIAM PFIESTER
ROBERT JAMES PHILLIPS
CHESTER LEONARD PIETRZAK
MORTON THOMAS PLUDA
THOMAS JOSEPH POWERS
DONALD RICHARD PRENTICE
MABBETT KING RECKORD, JR.
JAMES JOSEPH REEDY
JACK ROGER REWERTS
JOHN ORLIE RICHARDSON
WALTER AITKEN RIDDLE
BRADLEY WALLACE RIPPEL
ARTHUR HERMES ROBERTS
HOLMES PAUL ROBERTSON
JOHN BLAINE ROOTH
SIDNEY LEWIS ROSENBLOOM
MELVIN PASSON ROSKE, JR.
JULIUS ROTTER
LOUIS EDWARD ROWE
GEORGE BOYLE RUMSEY
JOSEPH PAUL SABAN
JEROME REEVES SAGER
WARREN WALLACE SCHUMACHER
LEROY FRED SCHWEITZER
MARION WALTER SCOTT
NORMAN WILLIAM SEEGREN
MALCOLM JACK SHAFER
QUENTIN RAY SHARP
JOSEPH H. SHARPE, JR.
JAMES EDWARD SHERIDAN, with High Honors
GUY SHERMAN, JR.
JACK BALES SHEWALTER
GILBERT SHMIKLER
ROBERT BURTON SIMON
ROBERT EUGENE SIMPSON
GEORGE CHARLES SLEZAK
GUY HADLEY SLOAN
GERALD RUSSELL SMITH
LELAND CROSS SMITH, JR.
SIDNEY SOSIN
EUGENE STERN
EUGENE ARTHUR STERN
MELVIN POTTER STRAUS
ELMER ERNEST STRONG, JR.
WILLIAM MAYNARD TALBOT
THOMAS FOLBRE TAYLOR
WENDELL TOZER
JOHN EDWARD TROLLER
WINSLOW ERNEST UEBEL
PAUL USLAN
WILLIAM MONT UTTERBACK
WILLIAM LAWTON VINEYARD
ROBERT JOSEPH WAKEFIELD
WILLIAM JAMES WALKER, JR.
JOSEPH RUSSELL WALL
FRANK ARTHUR WALTERS
JACK WILLIAM WARNER
JAMES WILBUR WARREN
DONALD HOWARD WEDDLE
ROBERT CHARLESWORTH WEHRMANN
KEITH BURTON WILCOX
JESSE BALDWIN WILLIAMS
ANTHONY HERMAN ZILLNER, JR.

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.

Item	*Department*	*Vendor*	*Cost*
X-ray equipment including 300 MA generator, control, timer, tube, cables, wall-mounted bucky and accessories	Research and Educational Hospitals	Picker X-Ray Co., Chicago	$4 532 00
500 cases No. 207 bleached towels, 10¼ x 13¼; 300 cases toilet tissue 10 lb. manila, 1500 sheets a roll, 50 rolls a case; 40 cases toilet tissue 10 lb. manila, 1000 sheets a roll, 100 rolls a case	Physical Plant	S. V. Cain, Inc., Peoria	4 723 00 f.o.b. Urbana
One 20" micro-speed "V" ram type shaper with helical bull gear, Timken roller bearings, instantaneous speed and feed changes, full swivel vise, table support, handles, wrenches, and 5 hp 220/440/3/60 motor	Chemistry	Peoria Tool & Engineering Co., Peoria	2 875 00 f.o.b. Albany, N.Y.
Thirty-four two-pupil wood tables 24" x 48"; 68 No. 368 classroom seating chairs 17" size	University High School	American Seating Co., Chicago	1 234 61 f.o.b. Urbana knocked down
Four entrance lights for the new Chemistry and Chemical Engineering Building	Physical Plant	Leverenz Electric Co., Danville	1 869 00 f.o.b. Urbana
Five No. 31-26-24 Bausch and Lomb microscopes, model BKW, complete except for cases	Veterinary Pathology and Hygiene	E. H. Sargent & Co., Chicago	1 674 00
Four model 200B regulated power supply; 2 model 204 ditto	Electrical Engineering	Electronics Measurements Co., Red Bank, N.J.	1 530 00 f.o.b. Eatontown, N.J.
40,000 lbs. 25 x 38—70 lb. champion wedgewood coated offset book paper	Office Supply Store	Decatur Paper House, Decatur	6 334 72 f.o.b. Urbana
One precision coaxial slotted line section, type No. 205-A; one precision waveguide slotted section type No. 209-A; two broad band probes type 250; one waveguide slide screw tuner type 309; two fixed coaxial pads type 130-C; two fixed coaxial pads type 130-D; two dozen flange bolt and nut assembly type 369-A; 4 waveguide stands type 375; two bolometers type 610; one waveguide termination type 129	Electrical Engineering	Waveguide Manufacturing & Equipment Co., Inc., New York City	1 664 74 f.o.b. N.Y.
One No. A6000 Ohio Scanlon major operating table with accessories for the Research and Educational Hospitals	Research and Educational Hospitals, Operating Room	Hospital Equipment Corp., Chicago	1 595 00 f.o.b. Chicago
Laboratory furniture for Laryngology Laboratory	Research and Educational Hospitals	Kewaunee Manufacturing Co., Evanston	1 427 21
123 dozen hypodermic syringes	Chicago General Stores	Hospital Equipment Co., Chicago	1 825 25 net delivered
3,468 pieces assorted Coors porcelain laboratory ware	General Chemical Stores	E. H. Sargent & Co., Chicago	1 748 35 f.o.b. Urbana
One 8-ton, single lever, manually operated, 2-strain rod hydraulic press w/pumping unit, mounting stand, 7½ hp motor, magnetic reduced voltage starter, hydraulic knockout cylinder, 3 hp motor for knockout cylinder, and starter for 3 hp motor	Ceramic Engineering	Denison Engineering Co., Columbus, Ohio	2 612 65 f.o.b. Columbus

Item	*Department*	*Vendor*	*Cost*
One ½ ton Ford 100 hp 114″ wheel base panel truck equipped with heavy duty tires, overload springs, heater and defroster, to replace 1938 Dodge ¾ ton panel truck	Horticulture	Dana Hudelson, Inc., Champaign	1 381 97
Three oscilloscopes, type 511AD	Electrical Engineering	Tektronix Co., c/o James E. Everett, Evanston	2 535 00 f.o.b. Portland, Ore.
One International O4-2 plow orchard tractor with accessories	Horticulture	Power Farm Implement Co., Champaign	1 823 47
One laboratory autoclave (sterilizer) single wall, 21 ½″ x 38″, direct steam heat, automatic	Chemistry	American Sterilizer Co., Erie, Pa.	1 139 40
Light fixtures for new Chemistry and Chemical Engineering Building	Physical Plant	Hyland Electrical Supply Co., Chicago	4 694 80 f.o.b. factory
		Efengee Electrical Supply Co., Chicago	4 552 36 f.o.b. Urbana
101 General Electric ranges No. AP1-47; 102 General Electric refrigerators (101 model NC-60 and 1 model NB-8D)	Physical Plant	St. Joseph Appliance Store, St. Joseph	28 759 49
Kitchen cabinets for 101 apartment kitchens and lounge kitchen	Physical Plant	Howard's Appliance Store, Monticello	28 251 56
Eighty student laboratory tables, 26″ x 32″ x 28 ½″ high x 1 ¼″ five-ply masonite top	Geology	W. B. Read & Co., Bloomington	2 048 98
Eighty-five feet furnace wire, platinum 80%, rhodium 20%, .032″ diameter; 50 feet furnace wire, platinum 80%, rhodium 20%, .050″ diameter	Ceramic Engineering	Baker & Co., Inc., Newark, N.J.	1 932 09
Five lbs. aminoacetic acid (glycocoll) N.F.; 1000 grams 1 (-) tyrosine; 1000 grams (-) leucine; 100 grams 1 (-) proline; 1000 grams dlPhenylalanine; 1500 grams dlThreonine	Chemistry	Merck & Co., Rahway, N.J.	1 664 50
Laboratory furniture	Dairy Production	Walrus Manufacturing Co., Decatur	4 019 75
Paintings:	College of Fine and Applied Arts		
"Mocking Soldier" by Rico Lebrun		Rico Lebrun, Los Angeles, Calif.	1 100 00
"Le Malheur adoucit les pierres" by Yves Tanguy		Pierre Matisse Gallery, New York City	1 360 00
Leather upholstered furniture for student lounge in new Mechanical Engineering Building	Physical Plant	Kiler's, Inc., Champaign	1 408 93 f.o.b. Urbana
Twenty-four police uniforms consisting of coat, trousers, and two caps, made of 19 oz. blue whipcord	Physical Plant	DeMoulin Bros. & Co., Greenville	1 729 20
Laundry service	Colleges of Medicine, Dentistry, and Pharmacy, and the Research and Educational Hospitals	Lahey Laundry, Chicago	5 560 00 (estimated)

This is to supplement the service of the University's laundry operated by the Physical Plant Department which because of space limitations is unable to do all of the work required. Fifty-seven commercial laundries in the Chicago area were asked if they would be interested in bidding on such service and 12 replied they would. Subsequently six of these laundries submitted bids on a one-stop service with a central pick-up and delivery and two submitted bids on the basis of collecting and delivering laundry at the various locations required. The multiple pick-up and delivery service will be more efficient and economical than a one-stop pick-up and delivery service which would require the University to collect and distribute the laundry internally. This service is proposed only until June 30 of the current fiscal year with any change in price to be mutually agreeable to both parties before it is put into effect. This supplementary service will enable the University to reduce the volume of work handled by its own laundry to a point of greater efficiency.

125 No. 455 Jasper side arm chairs, walnut finish; 59 No. 453 Jasper side chairs, walnut finish for new Chemistry and Chemical Engineering Building	Physical Plant	W. B. Read & Co., Bloomington	1 850 48 f.o.b. Urbana
Sixty-four sectional bookcases, each to consist of one 13″ section and four 11″ sections, top and base, for the new Chemistry and Chemical Engineering Building	Physical Plant	Jack Sheean, Bloomington	3 750 34

Item	*Department*	*Vendor*	*Cost*
Thirteen No. 6260 Central Desk Co. solid walnut island base desks 60″x 34″; two No. 6266-4 ditto 66″x 36″; six No. 6460 ditto 60″ x 34″; 14 No. 6705 Central Desk Co. solid walnut telephone cabinets; 10 No. 6660 Central Desk Co. solid walnut tables 60″ x 34″ for new Chemistry and Chemical Engineering Building	Physical Plant	Weber, Hilmer & Johnson, Chicago	3 000 00
Four swivel arm chairs, gray metal, green leather upholstered; 11 swivel chairs without arms, gray metal, green leather upholstered; 146 side chairs, gray metal, green plastic upholstered seat, for new Chemistry and Chemical Engineering Building	Physical Plant	Educational & Institutional Cooperative Service, Inc., New York City	2 166 19 delivered
112 single pedestal flat top desks, gray metal, 45″ x 28″; 4 double pedestal flat top desks, gray metal, for new Chemistry and Chemical Engineering Building	Physical Plant	Paxton Typewriter Co., Bloomington	7 591 25
Thirty-one four-drawer vertical letter files, Grade A, gray finish; 37 ditto, walnut finish; 2 files same as above with lock; 12 vertical letter files, 3 drawers letters, 2 drawers 4″ x 6″ cards, walnut; 1 file same as above with lock; 5 vertical letter files, 3 drawers letters, 2 drawers 4″ x 6″ cards, gray; 3 vertical letter files, 3 drawers letters, 2 drawers 3″x5″ cards, walnut, for new Chemistry and Chemical Engineering Building	Physical Plant	W. B. Read & Co., Bloomington	5 122 85
Quonset building, 40′ x 120′, to be erected at the University of Illinois Airport	Institute of Aviation	Harshbarger Building & Supply Co., Urbana	10 178 00
Foundation and concrete floor slab for Quonset building; labor and material to install insulation in said building		Wascher Concrete & Insulation Co., Champaign	7 655 00

B. 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.

Item	*Department*	*Vendor*	*Cost*
One stacking fixture for field pieces; 2 nose clamping plates	Physics	Allis-Chalmers Manufacturing Co., Milwaukee, Wis.	$ 6 000 00
Parts for construction of reversing switch to be used with 300 MEV betatron: 500 X-96093 movable contacts; 500 E-12075 contact springs; 300 B-15288 spring shields; 300 B-15287 contact supports; 1000 G-5106 stationary contact tips; 300 B-12379 nuts, special ¼″—20; 1000 E-11859 silver brazing sheets	Physics	Allen Bradley Co., Milwaukee, Wis.	3 763 75
Steel for winding mandrel for 300 MEV betatron for Allis-Chalmers to be shipped to the New York Naval Shipyard, Brooklyn, N.Y., where work is to be done	Physics	Allis-Chalmers Manufacturing Co., Milwaukee, Wis.	1 450 35
One model 4WD Jeep 4-wheel drive one-ton truck	Forestry	Reeder Auto Sales, Champaign	1 878 91
2500 copies Engineering Experiment Station Circular No. 56	Engineering Experiment Station	Williamson Press, Inc., Springfield	1 900 00
One 500′ length 1/C 3,000,000 cm., concentric strand, 469/.080″ each wire to be double formvar insulated, type HF, standard concentric strand with each layer applied in reverse directions, .200″ VC, tape and braid 8 KV	Physics	General Cable Corp., Milwaukee, Wis.	4 583 00 f.o.b. West Allis, Wis.

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED DECEMBER 11, 1948, TO JANUARY 10, 1949

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
Veterans Administration	Refresher courses under PL346 at Chicago Professional Colleges (Contract No. VA 28r-ve318)	Rates per contract	January 1, 1947
War Department, Headquarters Fifth Army	Contract No. W-11-175TNG-(AAV)-370	$ 750 00	October 1, 1948
War Department, Headquarters Fifth Army	Course in Neuropathology	None	October 6, 1948
Veterans Administration	Services relating to the counseling of veterans (Contract No. V 3028V-17)	Rates per contract	August 25, 1948
VioBin Corp.	Study of influence of wheat germ oil on physical fitness tests	2 000 00	December 18, 1948
Dawe's Products Co.	Study of rations for broiler production	1 500 00	December 13, 1948
Eli Lilly & Co.	Study of mumps vaccination	5 346 00	November 1, 1948
Illinois Clay Products Co.	Study of effects of certain treating agents on the plastic and high temperature properties of illite and kaolinite clay	5 500 00	December 20, 1948
Navy Department, Bureau of Yards and Docks	Contract No. NOy-16104	6 590 00	May 11, 1948
Navy Department, Office of Naval Research	Contract No. N6ori-07122	3 000 00	August 2, 1948
Navy Department, Bureau of Supplies and Accounts	Contract No. N7sp-7049	1 000 00	September 1, 1947

With Whom	*Purpose*	*Amount to be Paid by the University*	*Date*
E. C. Manthei	Agreement for mechanical engineering services in connection with maintenance program of physical plant	$ 415 00	December 1, 1948
Museum of Modern Art	Show exhibition "Open and Closed Form—Modern Sculpture"	100 00 and transportation fee	November 29, 1948
Larken Contractors	Tiling on Wright Farm No. 4	1 596 90	November 5, 1948

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

With Whom	*Purpose*	*Amount*
Lewis S. Colbert	Eleven change orders	$23 649 45
Reliable Plumbing and Heating Co.	Ten change orders	4 295 69
Schroeder's	Eight change orders	2 925 51
Square Deal Electric Co.	Sixteen change orders	13 852 67

REPORT OF CONTRACT CHANGES EXECUTED

With Whom	*Purpose*	*Amount*	*Date*
Champaign Plumbing and Heating Co.	Additional cost at Federal Works Agency Warehouse over original estimate	$ 703 93	December 11, 1948
Sargent and Lundy	Increase in fee due to additional cost, in accordance with terms of original contract	19 100 00	November 5, 1948

LEASES EXECUTED UNDER GENERAL REGULATIONS OF THE BOARD

With Whom	*Property*	*Amount to be Paid to the University*	*Date*
Marcus M. Rhoades	709 West Michigan, Urbana	September 1, 1948, to August 31, 1949 $ 100 00 a month	November 19, 1948
Jack Ryan	601½ East Springfield, Champaign	November 16, 1948, to May 31, 1949 25 00 a month	December 2, 1948
War Department, Corps of Engineers	Lease No. W-11-114-Eng-5144	July 1, 1948, to June 30, 1949 46 25 a month	June 14, 1948

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

March 10, 1949

The annual meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, on Thursday, March 10, 1949, according to the following schedule:

10:00 a.m. — Executive session as in Committee of the Whole.

12:30 p.m. — Open session.

The following members were present: President Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson. General Davis, retiring member, was present during the early part of the meeting.

President Stoddard was present; also Dr. A. C. Ivy, Vice-President in charge of the Chicago Professional Colleges, Professor C. R. Griffith, Provost, Mr. A. J. Janata, Assistant to the President, Mr. H. E. Cunningham, Secretary, Mr. Lloyd Morey, Comptroller, Professor W. E. Britton, Legal Counsel, and, during part of the day, Mr. I. L. Porter, Treasurer, Mr. J. F. Wright, Director of Public Information, and Miss Marietta Stevenson, Director of Social Welfare Administration.

APPROVAL OF MINUTES

The Secretary presented the minutes of the meeting of January 13, 1949, with the minutes of the Executive Committee of December 28, 1948, and January 18, 1949.

On motion of Mr. McLaughlin, the minutes were approved and received for record as printed on pages 189 to 238 above.

MR. KENNEY E. WILLIAMSON ELECTED PRESIDENT OF THE BOARD

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

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

Mr. Fornof expressed his appreciation of the cooperation of the members of the Board and of the President and executive staff of the University during his term.

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

MR. HARRISON E. CUNNINGHAM ELECTED SECRETARY

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

PROFESSOR LLOYD MOREY ELECTED COMPTROLLER

On nomination of Mr. Herrick and on motion of Mr. McLaughlin, Professor Lloyd Morey, of Urbana, was elected Comptroller for one year.

EXECUTIVE COMMITTEE ELECTED

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

Mr. McLaughlin withdrew in favor of Mr. Livingston.

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

MR. IRVIN L. PORTER ELECTED TREASURER

On nomination of Mr. McLaughlin and on motion of Mr. Fornof, Mr. Irvin L. Porter, of Chicago, was elected Treasurer for two years, under the same conditions of bond as at present.

TREASURER'S BOND

On motion of Mr. Livingston, the amount of the Treasurer's bond was fixed at $3,000,000.

On motion of Dr. Meyer, the Finance Committee was instructed to see that the Treasurer secure a satisfactory bond, and to report it to the Board for record.

AUTHORITY TO RECEIVE MONEY

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

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

DELEGATION OF SIGNATURES

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

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

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

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

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

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

STANDING COMMITTEES FOR 1949-1950

President Williamson appointed the following standing committees of the Board for 1949-1950 on March 24, 1949. They are printed here as provided in the By-Laws.

Agriculture

WALTER W. McLAUGHLIN, Chairman
WIRT HERRICK
DR. KARL A. MEYER

Alumni

MRS. FRANCES B. WATKINS, Chairman
JOHN R. FORNOF
MRS. DORIS S. HOLT

Athletic Activities

ROBERT Z. HICKMAN, Chairman
WIRT HERRICK
PARK LIVINGSTON

Buildings and Grounds

JOHN R. FORNOF, Chairman
MRS. DORIS S. HOLT
PARK LIVINGSTON
WIRT HERRICK
DR. KARL A. MEYER

Chicago Departments
DR. KARL A. MEYER, Chairman
MRS. FRANCES B. WATKINS
PARK LIVINGSTON

Civil Service and Employees
PARK LIVINGSTON, Chairman
ROBERT Z. HICKMAN
WALTER W. MCLAUGHLIN

Finance
WALTER W. MCLAUGHLIN, Chairman
JOHN R. FORNOF
MRS. FRANCES B. WATKINS

General Policy
WIRT HERRICK, Chairman
JOHN R. FORNOF
MRS. DORIS S. HOLT

Patents
ROBERT Z. HICKMAN, Chairman
DR. KARL A. MEYER
MRS. FRANCES B. WATKINS

Student Welfare and Activities
MRS. DORIS S. HOLT, Chairman
ROBERT Z. HICKMAN
WALTER W. MCLAUGHLIN

MR. HICKMAN APPOINTED TRUSTEE OF THE RETIREMENT SYSTEM

President Williamson designated Mr. Robert Z. Hickman to serve as a member of the Board of Trustees of the University Retirement System of Illinois for the duration of his present term as Trustee of the University.

SERVICES OF CHESTER R. DAVIS, FRANK H. McKELVEY, AND DR. MARTIN G. LUKEN

The Secretary presented the following:

The University of Illinois has been unusually fortunate in the men and women who have served as members of the Board of Trustees. They have given freely of their time and energy, and their clear vision and their wisdom have been an important factor in the development of higher education in the State.

General Chester R. Davis, Dr. Martin G. Luken, and Mr. Frank H. McKelvey have served as Trustees in a critical period in the history of the University, the Nation, and the World. In their term, the number of students in the University has varied from the lowest in twenty-five years to the highest in its history. In this time, the Board has had to provide not only for the education of regular students in all curricula, but also for many in the armed services. The research facilities of the University were made available to the prosecution of the war. A great airport came into being, with State and Federal aid.

With the end of hostilities, the needs of the returning veteran became preeminent. Steps were taken to meet the urgent need for housing. The teaching and scientific staffs were enlarged. The administrative organization was improved. Great appropriations were obtained, looking not to the maintenance of affairs as they had been, but to the development of a greater and more vital service to the State.

In all the business of the Board, General Chester R. Davis, Mr. Frank H. McKelvey, and Dr. Martin G. Luken have made a fine contribution. In marking the termination of their service, the Board makes record of its appreciation of their character and their abilities, and extends to them its most cordial good wishes for the future.

On motion of Mr. Fornof, this resolution was adopted, and the Secretary was instructed to send copies to General Davis, Dr. Luken, and Mr. McKelvey.

TELEGRAM FROM MR. McKELVEY

The Secretary read the following telegram from Mr. Frank H. McKelvey.

President, Board of Trustees, University of Illinois
Care of H. E. Cunningham, Secretary, Blackstone Hotel, Chicago

As I reach the end of my services on this Board, I step aside with regret but with the full appreciation of the opportunities for service that have come my way. Being associated with such a fine group is a stimulating experience and has broadened and enriched my life. It has been my privilege to have been actively interested in our University for nearly 47 years and its progress and welfare will always be important to me. I am convinced that a good administration depends on one thing alone and that is the ability of the administrators. We who have had the

good fortune to work with Dr. Stoddard and his associates know full well that quality has not been sacrificed for quantity. May the best interest of the University always have first place in your deliberations.

FRANK H. MCKELVEY

REMARKS BY GENERAL DAVIS

General Davis expressed his thanks for the action of the Board, and said that he enjoyed serving as Trustee for nine years more than anything he has ever done, and that he thought no service was more worth while.

General Davis withdrew.

SERVICES OF MR. FORNOF AS PRESIDENT

On motion of Dr. Meyer, the Secretary was instructed to record in the minutes an expression of the appreciation of the Board for the fair, impartial, and effective manner in which Mr. Fornof had performed his duties as President of the Board during the past year.

On request of President Stoddard, and on motion of Mr. Nickell, the Secretary was instructed to include the President of the University and the executive staff as joining in this expression of appreciation.

MATTERS PRESENTED BY PRESIDENT STODDARD

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

HOUSING FOR CHICAGO PROFESSIONAL COLLEGES

(1) A report from Dr. Ivy and Mr. Farr on the negotiations to secure a loan to construct staff and student apartments for the Chicago Professional Colleges.

Dr. Ivy, Mr. Farr, President Stoddard, and Mr. Morey commented on this matter. The report was received for record.

PURCHASE OF FARM LAND

(2) A letter dated March 9, 1949, from Dean Rusk on the progress of the negotiations to purchase farm land (Minutes, February 17, 1949, page 242). The holders of the option demand $675 an acre for the entire tract. Dean Rusk states that three tracts, with a total of 280 acres, now seem to be available at a lower cost. This land would meet the needs of the College of Agriculture better than the Kamerer-Webber tract (the McCullough farm). Dean Rusk recommends that these three tracts be purchased at prices not to exceed those mentioned in his letter of March 9.

On motion of Dr. Meyer, the President of the University was authorized to withdraw the offer for the Kamerer-Webber tract, and to negotiate for the purchase of the tracts now recommended by Dean Rusk and the amount appropriated on February 17, 1949 ($100,000) was made available for the purchase, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stevenson.

On motion of Mr. McLaughlin, the President of the University was authorized to employ an agent familiar with dealings in farm land.

MIDWEST INTER-LIBRARY CORPORATION

(3) A report of progress on the Midwest Inter-Library program (Minutes, November 19, 1948, page 171). This project was incorporated, "not for profit," March 5, 1949 (see Appendix, page 304).

The Provost commented on this matter.

This report was received for record.

POWER PLANT FOR CHICAGO PROFESSIONAL COLLEGES

(4) A report on the negotiations to interest the Commonwealth Edison Company in building the necessary plant to supply steam and electricity for the Chicago Professional Colleges.

Dr. Ivy commented on this matter.

This report was received for record.

SALE OF LAND TO Y.M.C.A.

At this point, Dr. Meyer requested the Secretary to read the following report of the Committee on the Chicago Departments on the sale of land to the Y.M.C.A. (Minutes, January 13, 1949, page 197).

A meeting of the Committee on Chicago Departments of the Board of Trustees of the University of Illinois was held at 12 o'clock noon on January 20, 1949, at Dr. Karl A. Meyer's apartment, Cook County Hospital, Chicago. Dr. Karl A. Meyer, Chairman, General Chester R. Davis, Mr. Park Livingston were present. Absent, Dr. Martin G. Luken. Also present were Dr. A. C. Ivy, Vice-President in charge of the Chicago Professional Colleges, and H. A. Hazleton, Business Manager of the Chicago Colleges and Divisions who acted as Clerk.

1. The Committee, after a discussion of the sale of certain parcels of land owned by the University in the Medical Center District to the Chicago Y.M.C.A., on motion of Mr. Livingston, seconded by Mr. Davis, voted to recommend that the following resolution be adopted:

Resolved,

A. That the Board of Trustees of the University of Illinois sell to the Y.M.C.A. of Chicago at a price of not less than $12,156.25 the following parcels of land subject to stipulations previously adopted by this Board:

1935-37 West Polk Street described as follows: Lots twelve (12) and thirteen (13) in Potter Palmer Subdivision of lot eleven (11) and part of lot twelve (12) lying south of Polk Street in Codwise's Subdivision of the West Half of the southeast quarter of section eighteen (18) township thirty-nine (39) north, range fourteen (14) east of the third principal meridian in Cook County.

1949-53 West Polk Street described as follows: Lots eighteen (18), nineteen (19) and twenty (20) in Potter Palmer's Subdivision of lot eleven (11) and that part of lot twelve (12) lying south of Polk Street (except Winchester Avenue) in Codwise's Subdivision of the West half (W ½) of the southeast quarter (SE ¼) of Section eighteen (18), Township thirty-nine (39) north, range fourteen (14), east of the third principal meridian, except the west 1.37 chains in Cook County, Illinois.

The property at 1949-53 West Polk Street at the corner of Damen Avenue, was purchased November 28, 1939, at a price of $14,941.70. It contains 9,031.25 square feet and is offered at $1.00 per square foot, or $9,031.25. The reason for the difference in price is that the property when originally purchased contained some improvements, including a tavern, which were immediately demolished. The property is now vacant.

The parcel at 1935-37 West Polk was purchased March 19, 1947, at a price of $2,107.62 and is offered for $3,125, or $.50 per square foot.

B. That the sale of the property above described be on the condition that the Y.M.C.A. agree to erect and maintain on the above described land within five (5) years a building, four stories or more in height to provide among other facilities rooms for rental purposes and the further condition that the Y.M.C.A. agree to make available to students of the University of Illinois in Chicago as well as academic and nonacademic staff members employed by the University or affiliates of the University in Chicago an allotment of rooms for rental purposes comparable to the allotment now made in the present Congress Street Y.M.C.A.

2. On motion of Mr. Davis, seconded by Mr. Livingston, the Committee voted to recommend to the Board of Trustees of the University that the proceeds of the lands sold to the Y.M.C.A. be set aside by the Board of Trustees of the University for the purchase of other land within the Medical Center District.

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

H. A. HAZLETON, *Clerk*
January 20, 1949

On motion of Mr. Fornof, this resolution was adopted, the sale of property to the Y.M.C.A. was made, and the proceeds were made available for the purchase of other lands within the Medical Center District as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stevenson.

INVITATION FROM GOVERNOR STEVENSON

The Secretary read the following letter from Governor Stevenson.

Mr. Harrison Cunningham March 3, 1949
Administration Building
University of Illinois
Urbana, Illinois

DEAR MR. CUNNINGHAM:

I would be much honored if the Trustees of the University would see fit to have lunch with me, followed by the April meeting of the Board, at the Executive Mansion. I think most any date other than Friday or Saturday would be satisfactory if that serves the Board's convenience.

I have spoken to Kenney Williamson about this, and he suggested my writing you. Let me know if and when it will be convenient and how many will be present.

Sincerely yours,
ADLAI E. STEVENSON
Governor

On motion of Mr. Hickman, this gracious invitation was accepted, the date to be selected by the President of the University and the President of the Board, and the Secretary was instructed to notify the Governor.

OPEN SESSION

When the Board convened in open session, the same members and officers were present as during the morning session; also Mr. I. L. Porter, Treasurer, and Director J. F. Wright.

MISS MARIETTA STEVENSON INTRODUCED

At this point, the President of the Board introduced Miss Marietta Stevenson, Director of Social Welfare Administration, who was present at the invitation of the Board.

APPOINTMENTS TO THE FACULTY MADE BY THE PRESIDENT OF THE UNIVERSITY

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

1. ARTHUR M. MCANALLY, Associate Professor of Library Science, and Assistant Director of the Public Service Departments, in the Library, beginning July 1, 1949, at an annual salary of $6800.
2. HOWARD WILK, Assistant Professor of Hygiene, and Medical Adviser for Men, beginning July 1, 1949, at an annual salary of $5500.
3. GEORGE T. WOODS, Assistant Professor of Veterinary Extension, in the Department of Veterinary Pathology and Hygiene, in the College of Veterinary Medicine, and in the Extension Service in Agriculture and Home Economics, beginning May 1, 1949, at an annual salary of $5000.

On motion of Mr. McLaughlin, these appointments were confirmed.

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 presented evidence to the Committee that they are properly qualified:

1. Candidates who have successfully passed the regular written examination given by the Special Five-Man Board of Examiners under the provisions of Section 4b of the Accountancy Act of 1943:

David Leonard Davis
Paul Maurice Fitzgerald
George E. Flemming
Lloyd K. Garrison
J. Menard Greene
Hymen W. Gurolnick
George J. Haddad
Harold Walter Held
Sidney R. Johnson
Mack J. Meyers

2. Candidates holding unrevoked C.P.A. certificates issued by other states or territories of the United States or the District of Columbia under Section 5 of the Accountancy Act of 1943:

Reginald Hugh Ashdown (Wis.)
Raymond Francis Bergert (Tex.)
James Orlando Boswell (Ky.)
Charles E. French (Mo.)
Mark Donald Gleason (N.Y.)
Vernon Gaylord Hinman (Iowa)
Bartholomew C. Kelleher (N.Y.)
Robert Allen Lennertson (Mo.)
Frank Michael Oswald (Ohio)
Walter Casper Otto (Ind.)
August John Saxer (Mo.)
Nathan Hertz Sirota (N.Y.)
Elmer Lee Stover (Iowa)
James Watt Strudwick (Minn.)
John Truempy, II (N.Y.)
John Battista Vottero (D.C.)
William Fred Windhorst, Jr. (Mo.)

I concur.

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

SABBATICAL LEAVES OF ABSENCE, 1949-1950

(2) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1949-1950 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the periods indicated.

The programs of research, study, and travel for which these leaves are being requested have been examined by the University Research Board which advises the President in such matters. The Research Board's report to the President includes a supporting evaluation of the program in terms of benefits to the University and to the individual in each specific case recommended.

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

Garreta H. Busey, Assistant Professor of English
Joseph L. Doob, Professor of Mathematics
B. Vincent Hall, Associate Professor of Zoology
Earl H. Regnier, Associate Professor of Agricultural Economics, July 1, 1950-June 30, 1951
John Van Horne, Professor of Spanish and Italian

Leaves of Absence for One-Half Year on Full Pay

Carroll L. Birch, Associate Professor of Medicine, six months from June 1, 1949
Carleton A. Chapman, Professor of Geology, first semester
John H. Garland, Associate Professor of Geography, second semester
J. Theodore Geissendoerfer, Professor of German, second semester
Paul E. Johnston, Professor of Agricultural Economics, six months from February 1, 1950
Hubert Kessler, Professor of Music, first semester
Russell H. Miles, Professor of Music, first semester
William B. Nevens, Professor of Dairy Production, six months from August 1, 1949
Laurence J. Norton, Professor of Agricultural Economics, five months from September 1, 1949

OLIVER R. OVERMAN, Professor of Dairy Production, six months from April 1, 1950
CHARLES W. ROBERTS, Associate Professor of English, second semester
CARITA ROBERTSON, Assistant Professor of Physical Education for Women, second semester
HAROLD W. SCOTT, Professor of Geology, second semester
ROLAND M. SMITH, Professor of English, second semester
LEE A. SOMERS, Assistant Professor of Horticulture, six months from March 1, 1950
RAYMOND P. STEARNS, Professor of History, first semester
EDWIN L. THEISS, Associate Professor of Business Organization and Operation, first semester
OREN L. WHALIN, Associate Professor of Agricultural Extension, six months from March 1, 1950
CLYDE M. WOODWORTH, Professor of Agronomy, six months from October 1, 1949

LEAVES OF ABSENCE FOR ONE-HALF YEAR ON ONE-HALF PAY

JOHN W. ALBIG, Professor of Sociology, first semester
EDWARD W. DOLCH, Professor of Education, second semester
MORITZ GOLDHABER, Professor of Physics, first semester
FLORENCE M. KING, Associate Professor of Home Economics, six months from March 1, 1950
NEIL E. STEVENS, Professor of Plant Pathology, six months from March 1, 1950

As the summary below will show, the total number of leaves recommended is twenty-nine. Some of these are carried over from preceding years. The numbers of sabbatical leaves granted by the Board of Trustees in the two years immediately preceding the war were twenty in 1938-1939, and twenty-three in 1939-1940. The faculty is, of course, much larger now than it was then.

College	*Full year, half pay*	*Half year, full pay*	*Half year, half pay*	*Total*
Agriculture	1	7	2	10
Commerce and Business Administration	0	1	0	1
Education	0	0	1	1
Engineering	0	0	1	1
Fine and Applied Arts	0	2	0	2
Liberal Arts and Sciences	4	7	1	12
Medicine	0	1	0	1
Physical Education	0	1	0	1
Total	5	19	5	29

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

APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(3) The bylaws of the University of Illinois Athletic Association provide for the appointment of its Board of Directors by the Board of Trustees of the University of Illinois at its annual meeting in March of each year. Nominations are made to the Board of Trustees by the President of the University. There are seven members, three selected from the membership of the Alumni Association and four from the faculty of the University.

I submit the following nominations for reappointments and new appointments to the Board of Directors to be effective March 10.

Faculty

FRANK H. BEACH, Associate Professor of Business Organization and Operation
CHARLES W. SANFORD, Associate Professor of Education and Coordinator of Teacher Education
PAUL N. LANDIS, Professor of English and Acting Head of the Department of English
ROBERT G. BONE, Associate Professor of History, Director of the Division of General Studies, and Director of the Division of Special Services for War Veterans (*new appointment*)

Alumni

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

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

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

Professor Bone will replace Professor George B. Weisiger, who has been on the Board of Directors since May 16, 1942. Professor Bone joined the faculty of the University of Illinois in 1934.

Mr. Schlenz will replace Mr. C. E. Lovejoy, Jr., who has been on the Board of Directors since March 9, 1946.

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

AWARD OF CONTRACTS FOR REPOWERING AND RELIGHTING PHYSICS BUILDING

(4) On November 19, 1948 (Minutes, page 174), the Board of Trustees appropriated funds for the installation of an improved primary service to furnish 208/120 volt electric service to the Physics Laboratory. This is the first phase of a project to repower and relight the building.

Bids have been received for the general work and the electrical work, which will provide for the installation of primary service connection to and including the main secondary circuit breaker in the transformer room and necessary alterations in that room. The Director of the Physical Plant Department and the Comptroller recommend the award of the contract for the general work to Kuhne-Simmons Company, Inc., Champaign, for $6,379 and for the electrical work to Square Deal Electric Company, LaPorte, Indiana, for $12,400, both being the lowest bidders.

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

On motion of Mrs. Holt, these contracts were authorized as recommended.

CURRICULUM IN RESTAURANT MANAGEMENT

(5) The Board of Trustees has authorized the offering of training in restaurant management (Minutes, page 1099, May 29, 1946), subject to the development of an appropriate curriculum. The University Senate has recommended a curriculum leading to the degree of Bachelor of Science in Restaurant Management to be administered by the College of Agriculture and to include the following courses:

Prescribed Courses for Freshman and Sophomore Years	SEMESTER HOURS
Hygiene 102 or 105, Personal and Environmental Hygiene	2
Military (for men)	0–4
Physical Education	4
Rhetoric 101 and 102, Freshman Rhetoric and Composition	6
English Literature (courses to be elected)	6
Psychology	3
Rhetoric 151, Business Letter Writing	2
Sociology 100, Principles of Sociology	3
Economics 108, Elements of Economics	3
Speech 101, Principles of Effective Speaking	3
Bacteriology 104 and 105, Introductory Bacteriology and Laboratory	5
Physiology 103, Mammalian Physiology	4
Chemistry 101 or 102, General Chemistry, and 132, Elementary Organic Chemistry	6–8
Home Economics 130, Introduction to Foods and Nutrition	2
Total	49–55

Prescribed Courses for Junior and Senior Years

Home Economics 131, Foods	3
Home Economics 220, Dietetics	3
Home Economics 240, Quantity Cookery	5
Home Economics 345, Institution Management	3
Home Economics 350, Institution Dietaries and Administration	4
Home Economics 375, Advanced Quantity Cookery and Catering	3
Home Economics 274, Restaurant Interiors	3
Animal Science 104, Selection and Use of Meats	2
Accountancy 101, Principles of Accounting, and 105, Accounting Procedure, or 201, Fundamentals of Accounting	6–3
Accountancy 265, Hotel Accounting	3
Business Law 261, Summary of Business Law	3
Economics 240, Labor Problems	3
Economics 248, Personnel Administration	3
Marketing 101, Principles of Marketing	3
Management 204, Industrial Purchasing	3
Total	47–50
Total prescribed courses	96–105
Total free electives	34–25
Total	130

I concur.

On motion of Dr. Meyer, this curriculum was approved as recommended.

ADMISSION TO THE SCHOOL OF JOURNALISM

(6) The University Senate recommends that the following requirements for admission to the School of Journalism be established effective September 1, 1949, applicable to students entering the University after that date:

"For admission to the School of Journalism as a candidate for a degree a student must be able to matriculate in one of the undergraduate colleges of the University and must offer in addition, fifty-six semester hours of work in one of the undergraduate curricula, exclusive of required courses in physical education and military science. A candidate who seeks admission from another institution must offer the same amount of work in an established curriculum of that institution. No applicant whose grade point average in all college work is less than 3.5 will be admitted except on approval by the School of an individual petition for admission. An applicant for admission will find it to his advantage to include in his pre-journalism curriculum at least six hours of rhetoric and composition, ten hours of science, which may include mathematics, and twelve hours of social sciences (history, political science, economics, sociology, and psychology)."

The School of Journalism is a senior division; two years of college work are required for admission to the professional curricula. The present requirements for admission include a minimum grade point average of 3.25. The change proposed is to increase this to 3.5 with the provision that exceptions may be authorized on individual petitions.

I concur.

On motion of Mr. Livingston, these requirements were established as recommended.

APPROPRIATION OF ADDITIONAL FEDERAL FUNDS TO AGRICULTURAL EXPERIMENT STATION AND EXTENSION SERVICE IN AGRICULTURE AND HOME ECONOMICS

(7) Additional Federal funds have been allotted to the University for research and extension in Agriculture and Home Economics. The following increases in the budget as approved by the Board of Trustees on June 15, 1948, are recommended by the Dean and Director:

Fund	*Salaries and Wages*	*Expense and Equipment*	*Total*
Bankhead-Jones Research	$ 3 105	$ 4 000	$ 7 105
Research and Marketing	13 400	2 481	15 881
Regional Research	14 090	11 960	26 050
Bankhead-Flannagan Extension	90 500	3 317	93 817
Total			$142 853

The principal increase in extension funds will provide for forty-five additional assistants to county farm and home advisers.

I recommend that these funds be appropriated for the purposes indicated above subject to adjustment within the total.

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

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

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

1. Converting and remodeling Allerton property	$ 80 850
2. University Press for equipment	20 000
3. Department of Biochemistry, College of Medicine, for architectural work in connection with alterations and equipment	10 000
4. College of Commerce for equipment	5 394
5. Exhibition of dynamometer test car at Chicago Railroad Fair during 1949	2 300
6. Plans and specifications for supplying water to Vivarium Building for scientific purposes	1 530
Total	$120 074

I concur.

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

ARCHITECTURAL SERVICES FOR DEPARTMENT OF BIOCHEMISTRY

(9) In a separate recommendation an appropriation is requested for $10,000 for architectural studies of alterations and equipment installation in the Department of Biochemistry, Chicago. The Physical Plant Department recommends that this work be done by Holabird and Root and Burgee under the standing contract with them for studies of minor improvements in the Chicago Professional Colleges. The charge for that service would be in accordance with the provisions of that contract (Minutes, September 23, 1948, page 89).

I concur and recommend approval.

On motion of Mr. Hickman, this recommendation was approved.

AWARD OF CONTRACT FOR TENNIS COURTS CONSTRUCTION

(10) As a part of the Water Station improvement program, a water reservoir was constructed at the southwest corner of Mathews and Springfield Avenues, thereby eliminating two tennis courts used by the University High School. To replace these, the Director of the Physical Plant Department proposes constructing two tennis courts in the northeast corner of Illinois Field. Representatives of the Athletic Association, the School of Physical Education, and the Building Program Committee have approved this site.

The following bids have been received for the construction of the two courts:

Contractor	*Tennis Court No. 1*	*Tennis Courts No. 1 & No. 2*
Lynne Meyer, Champaign	$6 112 55	$12 370 80
Kuhne-Simmons Company, Inc., Champaign and Decatur	6 341 00	12 643 00
C. A. Petry & Sons, Champaign	6 100 00	12 900 00
Wascher Concrete & Insulation Company, Champaign	6 738 00	14 192 00
Martin Odom, Urbana	9 432 00	19 484 00

The Physical Plant Department and the Comptroller recommend that the contract be awarded to Lynne Meyer, Champaign, for the construction of two tennis courts on the combined bid of $12,370.80.

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

ADDITION TO GENERAL CONTRACT FOR MECHANICAL ENGINEERING BUILDING

(11) The Director of the Physical Plant Department and the Comptroller recommend an increase of $4,350 in the general contract with James McHugh Sons, Incorporated, for the construction of the Mechanical Engineering Building to provide for installing a subsoil drainage system through the center area of the building to prevent ground water seepage through the basement floors. It is recommended that this change order be issued on a cost plus basis (actual cost plus 25 per cent of materials cost and 38 per cent of labor) but not to exceed the sum of $4,350.

Funds are available.

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

On motion of Mrs. Watkins, this addition to contract was authorized as recommended.

ADDITION TO CONTRACT FOR CONCRETE WALKS AND DRIVES AT URBANA

(12) The Director of the Physical Plant Department and the Comptroller recommend an increase of $2,470 in the contract with the General Paving Company for construction of a new sidewalk along the north side of Green Street through the campus and the Talbot Laboratory service drive. This increase is to provide for widening Burrill Avenue between Green Street and the bridge over the Boneyard.

The curbs of this street must be repaired due to changes in driveways resulting from the construction of the new Electrical Engineering Building. The widening of Burrill Avenue at this point will be an improvement and will fit in with the future widening of Burrill Avenue from the Boneyard north to Springfield Avenue, will permit the completion of walks and drives on the east side of the new Electrical Engineering Building, and will provide additional parking space for cars.

Funds are available.

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

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

ADDITION TO PIPING CONTRACT FOR UTILITIES DISTRIBUTION SYSTEM AT URBANA

(13) The Director of the Physical Plant Department and the Comptroller recommend an increase of $5,047 in the contract with the W. A. Pope Company, Chicago, for installation of piping in the steam tunnel of the utilities distribution system at Urbana.

The work to be done under this addition consists of:

(a) Installation of University-owned vacuum pump in Loop Vault No. 9 between Mumford Hall and the Animal Genetics Building;

(b) Lateral condensate return piping from Mumford Hall, Animal Genetics Building, and Agricultural Engineering Building to new steam tunnel; and
(c) A new condensate return main in the steam tunnel to connect the lateral piping with the vacuum pump in Loop Vault No. 9.

This work is a part of the utilities distribution system, but was eliminated from the original contract because of the uncertainty that sufficient funds would be available. A reserve had to be held for the escalation of prices and for contingencies. The maximum escalation in prices has not materialized and funds are now available for the work proposed under this addition.

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

On motion of Dr. Meyer, this addition to contract was authorized as recommended.

ADDITION TO PLUMBING CONTRACT FOR STUDENT AND STAFF APARTMENTS

(14) The Director of the Physical Plant Department and the Comptroller recommend an increase of $6,052 in the contract with E. M. Hays, Champaign, for plumbing installation in the Student and Staff Apartments building, Urbana, for the extension of water service from the utilities distribution system.

When bids were taken on the construction of this building the drawings for this phase of the utilities distribution system had not been prepared. The utilities extensions were considered separately from the building contract. Proposals have been secured from Robert Gordon, Inc., Danville, contractor for the installation of extensions to the general water system of the University, and E. M. Hays, contractor for the installation of plumbing in the Student and Staff Apartments. The Gordon proposal is $8,673 and the Hays $6,052.

Funds are available for this addition in the State appropriation for the Student and Staff Apartments.

I concur and request that the Comptroller be authorized to execute this addition to the contract with E. M. Hays.

On motion of Mr. Fornof, this addition to contract was approved as recommended.

CONTRACT FOR STEAM SERVICE CONNECTION TO STUDENT AND STAFF APARTMENTS

(15) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract to A. Kilander and Company, Chicago, the lowest bidder, for the installation of steam service connections to the Student and Staff Apartments on a base bid of $7,992 subject to a maximum escalation of 10 per cent for changes in cost of material, or increases in labor rates. Funds are available in the State appropriation for the construction of the Student and Staff Apartments.

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

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

CONTRACT FOR POWER PLANT EQUIPMENT

(16) The following bids have been received on structural steel for the floor base required for the installation of water treatment equipment in the Abbott Power Plant:

Contractor	*Bid*	*Time Required for Delivery*
Vierling Steel Works, Chicago	$4 080	8 to 10 weeks
Allied Structural Steel Companies, Chicago	4 950	3 months

Both are firm bids. The Director of the Physical Plant Department and the Comptroller recommend the award of the contract to the Vierling Steel Works, Chicago, the lower bidder, at $4,080. Funds are available.

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

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

PURCHASES

(17) There are submitted a report of an emergency purchase authorized and a list of purchases recommended (see Appendix, page 305).

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

COMPTROLLER'S REPORT OF CONTRACTS

(18) The Comptroller's report of contracts executed to March 10, 1949 (see Appendix, page 307).

This report was received for record.

CURRICULUM IN SECRETARIAL TRAINING

(19) The University Senate recommends the establishment of a new curriculum or concentration of courses of study in the College of Commerce and Business Administration to be known as "Secretarial Training." This program is designed for students who wish to prepare for secretarial work requiring a high degree of technical skill and broad business education. It is an Upper Division curriculum open to students who have completed the first two years in the College of Commerce and Business Administration. The course requirements are as follows:

Primary List: At least forty-four hours including the courses shown as required must be selected from the following. *Required:* Management 101; Economics 248; Management 245; Marketing 101; Rhetoric 272; Business Law 261; and Secretarial Training 102, 112, 103, 113, 222, 233. *Elective:* Economics 200, 210, 214, 228, 240, 250, 254, 255, 272, 303, 312, 378, 379.

Secondary List: Fifteen hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology, and home economics.

Note 1. The program for the Upper Division is open only to students who have completed all of the requirements of the Lower Division. Students in Secretarial Training may substitute Business Computations (Accy. 121) for college algebra.

Note 2. Students will be admitted to typewriting and shorthand for credit only when they have achieved a level of proficiency equal to that reasonably expected from one year of high school or one semester of college work.

Note 3. Students who have had inadequate prior training in typewriting and shorthand may take their instruction in Beginning Typewriting (Sec. Tr. 101) and Beginning Shorthand (Sec. Tr. 111) in the College of Commerce and Business Administration but will receive no credit.

Note 4. Credit for shorthand and typewriting will be allowed for graduation only in the commercial teaching and secretarial training fields of concentration.

Note 5. Credit in shorthand and typewriting toward graduation will be granted only when the entire series of courses in these subjects is completed.

Note 6. Typewriting and shorthand classes will each meet for one class hour, five times a week.

Note 7. All students selecting this field of concentration will be required to complete sixty hours in courses offered in the College of Commerce and Business Administration as a graduation requirement.

Note 8. The secretarial training field of concentration will result in the following distribution of hours in the Upper Division: Required, 32; economics electives, 12; secondary list, 15; free electives, 7 to 11; total, 66 to 70.

I concur.

On motion of Dr. Meyer, this curriculum was approved as recommended.

AWARD OF CONTRACT FOR WELL AT ROBERT ALLERTON PARK

(20) The Director of Robert Allerton Park and the Comptroller recommend award of a contract for the drilling of an eight-inch well at the Park to John Bolliger Sons, Fairbury, the lowest bidder, on the following terms:

1. A base price of $1,875 for the first 150 feet and $8 a foot for each additional foot up to a maximum of 200 feet.

2. The price to the University will be reduced $8 a foot for every foot less than 150, to a minimum depth of 100 feet.

3. If the well is drilled and cased to a depth of 150 feet or more and a production of less than fifty gallons a minute of clear water is not obtained, a credit will be allowed the University of $5 per foot drilled, provided that the contractor is permitted to retrieve and take possession of the screen and casing.

I concur and request that the Comptroller and the Secretary of the Board be authorized to make such a contract. Funds are available in income from farm operations allocated to the Park.

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

APPROPRIATION AND AWARD OF CONTRACTS FOR ADDITION TO ANIMAL GENETICS BUILDING

(21) The Committee on Special Appropriations and Nonrecurring Expenditures recommends that an appropriation of $52,500 be made for construction of an addition to the Animal Genetics Building.

The Director of the Physical Plant Department and the Comptroller recommend that if the appropriation is approved a contract for general work be awarded to Lewis S. Colbert, Champaign, for $34,700 and to Schroeder's, Champaign, for heating and ventilating work for $7,340.

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

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

GIFT OF HOLABIRD AND ROOT AND BURGEE

(22) The architectural firm of Holabird and Root and Burgee, Chicago, has given the University a valuable collection of approximately 1,500 volumes of architectural books for the Art and Architectural Reading Room of the Library at the Chicago Undergraduate Division at Navy Pier. The collection is appraised at $9,000.

This gift has been formally presented to the President of the University by Mr. John Wellborn Root, senior partner of the firm. In giving these books he has requested that the collection be known as the "John Augur Holabird Memorial," in memory of the late Colonel John Augur Holabird who was for many years a member of the firm.

I have accepted the collection and request that the Board of Trustees give suitable recognition of this handsome gift.

On motion of Mrs. Holt, this report was received for record and the Secretary was requested to prepare a suitable resolution.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

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

1. College of Veterinary Medicine for building improvements (remodeling of Veterinary Pathology Laboratory, remodeling of grounds, department barn and lots temporarily used for large animals)		$32 500
2. Street improvements, University's share of cost		2 650
Widening and resurfacing of Daniel Street, Champaign	$1 725	
Excavating, drainage, concrete pavement, and curbs on Edwin and Eureka Streets, Champaign	925	
3. University Library for purchase of books and periodicals		15 000
4. Remodeling in Talbot Laboratory		7 100
5. Department of Chemistry for equipment		10 000
Total		$67 250

I concur.

On motion of Mr. Livingston, these appropriations were made as

recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stevenson.

AWARD OF CONTRACT FOR SWITCHGEAR IN UTILITIES DISTRIBUTION SYSTEM AT CHICAGO PROFESSIONAL COLLEGES

(24) Bids have been received on switchgear for the Chicago Illini Union Building substation, which is part of the utilities distribution system at the Chicago Professional Colleges.

The University at the present time is receiving an electric rate from Commonwealth Edison Company based on one point delivery although there are actually four delivery points. The Commonwealth Edison Company has continued the rate based on one point delivery with the understanding that at a later time in the coming biennium it will be reduced to one point delivery. The switchgear recommended will reduce the point of delivery from four to three.

It is recommended that the contract for this installation be awarded to the Sorgel Electric Company, Milwaukee, Wisconsin, the lowest bidder for $13,691. Funds are available in the State appropriation for the utilities distribution system in Chicago.

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

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

REVISION OF BIENNIAL APPROPRIATION FOR 1947-1949

(25) State appropriations made to the University for operations are in accordance with classifications of expenditures specified by the State Finance Act and are subject to its provisions. It is necessary to request the 66th General Assembly of Illinois to pass an emergency act reallocating, by object classifications, the appropriation to the University for the current biennium, 1947-1949. This will not require any increase in the current biennial appropriation but will authorize the use of funds already appropriated although not available without legislative readjustment of the budget.

I recommend that the Board authorize the officers of the University to secure such legislation.

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

SECRETARY'S REPORT OF CONTRACT

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

Northern Trust Company of Chicago, Deposit agreement for $800,000 Women's Residence Halls Revenue Bonds, dated February 15, 1949.

REPORTS OF THE SECRETARY

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

1. Appointments made by the President of the University (page 302).
2. Graduate fellows (page 303).
3. Leaves of absence (page 303).
4. Resignations, declinations, terminations, and cancellations (page 304).

The Board adjourned.

H. E. CUNNINGHAM
Secretary

KENNEY E. WILLIAMSON
President

APPENDIX

APPOINTMENTS MADE BY THE PRESIDENT

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

AMSBARY, GEORGE S., Assistant Editor, University Press, seven months beginning February 1, 1949, $4500 a year, supersedes (2-18-49).

BLACK, ARNOLD, Clinical Assistant, Medicine (Medicine), February 8-August 31, 1949, without salary (3-2-49).

BROHM, HENRY D., Lecturer, Management (Business Organization and Operation & Business Management Service), February 7-August 31, 1949, $8000 a year (2-16-49).

CARO, MARCUS R., Clinical Associate Professor, Dermatology (Medicine), six months beginning March 1, 1949, without salary, supersedes (3-2-49).

CMARIK, GEORGE F., Assistant, Agricultural Research (S), six months beginning March 1, 1949, $3600 a year (3-2-49).

DESMARAIS, M. R., Assistant, Architecture, February 1-June 15, 1949, $1200, supersedes (3-1-49).

FONNER, WALTER E., Assistant, Naval Science, beginning February 8, 1949, and continuing until further notice, without salary (2-21-49).

GANT, V. A., Research Associate, Toxicology (Pharmacology) (Medicine), February 15-August 31, 1949, $6500 a year, supersedes (3-4-49).

GERDES, MARY S., Research Assistant, Bureau of Economic and Business Research, February 15-August 31, 1949, $2700 a year (3-1-49).

GLASER, KURT, Instructor, Pediatrics (Medicine) (¾), six months beginning March 1, 1949, $2625 a year, supersedes (3-2-49).

HAEBERLIN, JOHN B., JR., Clinical Instructor, Dermatology (Medicine) (22/100), six months beginning March 1, 1949, $680 a year, supersedes (3-2-49).

HALSEY, JAMES F., Research Assistant Professor, Theoretical and Applied Mechanics (S), three months beginning June 1, 1949, $5000 a year; in addition to appointment for 1949-1951 (2-16-49).

HAVILAND, HENRY F., JR., Instructor, Political Science, academic year beginning September 1, 1949, $3500 (2-16-49).

HILL, EDWARD J., JR., Clinical Assistant, Surgery (Medicine), six months beginning March 1, 1949, without salary (3-2-49).

HILL, MRS. SHIRLEY, Assistant, English, February 1-June 15, 1949, $1200 (3-1-49).

HOFFMANN, A. E., Instructor, Humanities (Undergraduate Division in Chicago) (½), second semester of the academic year, beginning February 1, 1949, $800 (3-4-49).

JEFFRIES, JOHN U., Assistant, Electrical Engineering (C), February 1-June 15, 1949, $1200, supersedes (3-1-49).

JOHNSON, ROBERT E., Professor, Physiology, Head of the Department, indefinite tenure beginning September 1, 1949, to render service during two semesters of each academic year, $10,000 a year (2-17-49).

JOHNSTON, ROBERT L., Supervisor, Counseling (Division of Student Welfare) (Undergraduate Division in Galesburg), February 21-August 31, 1949, $3600 a year; also to be furnished housing valued at $120 a year, supersedes (2-21-49).

KOBES, HERBERT R., Clinical Associate Professor, Pediatrics (Medicine), indefinite tenure, without salary, Director, Division of Services for Crippled Children, March 1-August 31, 1949, $10,000 a year, supersedes (2-28-49).

MARTIN, GORDON E., Assistant, Mechanical Engineering (C), February 1-June 15, 1949, $1500 (2-18-49).

MCANALLY, ARTHUR M., Associate Professor, Library Science, Assistant Director, Public Service Departments (Library), July 1, 1949-August 31, 1950, $6800 a year (3-4-49).

MCDAVID, RAVEN, Visiting Assistant Professor, English, academic year beginning September 1, 1949, $4000 (3-4-49).

MCNAMARA, THOMAS B., Clinical Assistant, Ophthalmology (Medicine), seven months beginning February 1, 1949, without salary (2-18-49).

MEAGHER, RALPH E., Research Assistant Professor, Physics (C), Chief Engineer, Electronic Digital Computer (Graduate College), seven months beginning February 1, 1949, $8000 a year, supersedes (2-16-49).

MOSBORG, ROBERT J., Special Research Associate, Civil Engineering (S), seven months beginning February 1, 1949, $4000 a year, supersedes (2-17-49).

PASPY, STANLEY F., JR., Special Research Assistant, Ceramic Engineering (S), seven months beginning February 1, 1949, $3600 a year (2-16-49).

PETERSON, FRANK L., Special Research Assistant, Physics (C), seven months beginning February 1, 1949, $3240 a year (2-17-49).

PROEHL, PAUL O., Instructor, Business Management Service, five months beginning February 1, 1949, $450 a month (2-18-49).

SADOVE, MAX S., Assistant Professor, Surgery (Medicine) (95/100), beginning January 1, 1949, and continuing until further notice, $11,100 a year, supersedes (2-21-49).

SCHUMANN, DETLEV W., Professor, German, indefinite tenure beginning September 1, 1949, to render service during two semesters of each academic year, $7500 a year (2-17-49).

SLOMAN, SOPHIE S., Assistant Professor, Criminology and Legal Medicine (Medicine), November 17, 1948-August 31, 1949, $930 a year, supersedes (2-18-49).

SMILEY, J. R., Assistant Professor, French (½), Assistant Dean, Graduate College (½), seven months beginning February 1, 1949, $6500 a year, supersedes (3-1-49).

SUNYAR, A. W., Special Research Associate, Physics (C), seven months beginning February 1, 1949, $4200 a year, supersedes (2-21-49).

SZYMANSKI, FREDERICK J., Clinical Instructor, Dermatology (Medicine) (22/100), six months beginning March 1, 1949, $680 a year (3-2-49).

TAVS, LOUISE E., Clinical Associate, Dermatology (Medicine) (22/100), six months beginning March 1, 1949, $770 a year, supersedes (3-2-49).

UTLEY, JEAN, Assistant Professor, Audiology (Otolaryngology), Associate Director, Speech and Hearing Clinic (Medicine), eight months beginning January 1, 1949, $5500 a year, supersedes (3-4-49).

VORTMAN, LUKE J., Assistant, Architecture, February 1-June 15, 1949, $1200 (3-4-49).

WEINMANN, JOSEPH P., Professor, Oral Pathology (Dentistry), indefinite tenure beginning February 1, 1949, $7500 a year, supersedes (2-18-49).

WHITE, FRANKLIN H., Instructor, Veterinary Pathology and Hygiene (Veterinary Medicine), six months beginning March 1, 1949, $3000 a year (3-1-49).

WILK, HOWARD, Assistant Professor, Hygiene, Medical Adviser for Men, July 1, 1949-August 31, 1950, $5500 a year (3-5-49).

WOODS, GEORGE T., Assistant Professor, Veterinary Extension (Veterinary Pathology and Hygiene) (Veterinary Medicine & Extension Service in Agriculture and Home Economics), four months beginning May 1, 1949, $5000 a year (3-4-49).

GRADUATE FELLOWS

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

CHEN, CHIA-YUNG, Fellow, Chemistry, February 1-June 15, 1949, $425 (2-18-49).

ERWIN, CARLOS C., Fellow, Agricultural Economics, February 1-June 15, 1949, $350, supersedes (2-18-49).

HEARN, WALTER R., Upjohn Company Research Fellow, Chemistry, seven months beginning February 1, 1949, $875 (2-25-49).

RICE, HAROLD L., DuPont Postdoctoral Fellow, Chemistry, February 1-June 15, 1949, $1500 (2-16-49).

WILLIAMS, D. B., Booth Fellow, Agricultural Economics, September 16, 1949-June 15, 1950, $1000 (2-23-49).

ZACHRISON, SVEN, Booth Fellow, Agricultural Economics, September 16, 1949-June 15, 1950, $1200 (2-23-49).

ZAGHLOUL, HASSAN F., Fellow, Civil Engineering, February 1-June 15, 1949, $500 (2-18-49).

LEAVES OF ABSENCE

ROSENBACK, MARIAN C., Instructor, Mathematics (Undergraduate Division in Chicago) — leave of absence, without salary, beginning February 23, 1949.

RESIGNATIONS, DECLINATIONS, TERMINATIONS, AND CANCELLATIONS

COCKERELL, LEONE D., Instructor, Natural Sciences (Undergraduate Division in Galesburg) — resignation effective 3-4-49.

COLEMAN, MRS. SHIRLEY W., Personnel Technician, Student Counseling Bureau — resignation effective 4-1-49.

DORMAN, HENRY P., Clinical Instructor, Medicine (Medicine) — resignation effective 2-4-49.

FREUDENTHAL, A.M., Research Professor, Theoretical and Applied Mechanics (S) — declination effective 9-1-49.

GUNTER, MARTIN J., Instructor, Clinical Science (Medicine) — resignation effective 2-6-49.

HARRIS, ELLIS H., Clinical Instructor, Pediatrics (Medicine) — resignation effective 3-1-49.

HAVILAND, HENRY F., JR., Instructor, Political Science — declination effective 9-1-49.

HENDERSON, PHILLIP B., Flight Instructor, Institute of Aviation — resignation effective 6-1-49.

HUTH, LLOYD N., Counselor, Division of Special Services for War Veterans — resignation effective 3-6-49.

JANOWITZ, HENRY, Research Fellow, Clinical Science (Medicine) — resignation effective 1-25-49.

JONES, G. P., Assistant, Naval Science — termination effective 2-8-49.

PEASE, MRS. MARGUERITE J., Editor, Illinois Historical Survey (Graduate College) — cancellation effective 2-1-49.

SCHOCKEN, VICTOR, Research Assistant, Botany (Graduate College) — resignation effective 3-16-49.

STINE, LEONARD A., Clinical Assistant, Medicine (Medicine) — resignation effective 2-8-49.

MIDWEST INTER-LIBRARY CORPORATION

The Midwest Inter-Library Corporation was incorporated on March 5, 1949, under the Illinois General Not For Profit Corporation Act. The purposes of the organization are to establish and maintain an educational, literary, scientific, charitable, and research inter-library center; to provide and promote cooperative, auxiliary library services for nonprofit educational, charitable, and scientific institutions; to establish, conduct, and maintain a place or places for the deposit, storage, care, delivery, and exchange of books, pamphlets, photographs, motion-picture film, phonograph records, and other articles or documents containing written, printed, or recorded matter, and services of all kinds with respect thereto, and circulate and distribute any and all educational, literary, scientific, or scholarly publications, books, catalogs, and periodicals dealing with books and other material deposited in said library or available in participating or other libraries.

The Board of Directors of the new corporation are: President E. C. Colwell, University of Chicago; President Henry T. Heald, Illinois Institute of Technology; Provost Coleman R. Griffith, University of Illinois; Director R. E. Ellsworth, University of Iowa; Judge Ora L. Wildermuth, Gary, Indiana; Dean J. H. Nelson, University of Kansas; Dean W. H. Combs, Michigan State College; Vice-President W. T. Middlebrook, University of Minnesota; Director Jens Nyholm, Northwestern University; and Mr. R. W. Kettler, Purdue University.

At a meeting of the Board of Directors of the new corporation on March 9, 1949, President E. C. Colwell was named Chairman of the Board and Provost Coleman R. Griffith as Vice-Chairman.

The Board approved the Bylaws of the Corporation, instructed the Executive Committee, composed of the Chairman, the Vice-Chairman, President Heald, Vice-President Middlebrook, and Director Ellsworth to accept, on behalf of the corporation, an unrestricted gift of $500,000 from the Carnegie Corporation of New York, to accept a contingent gift of $250,000 from the same corporation, and to seek ways and means of removing this contingency by securing an additional gift of $250,000 from some other source. The Rockefeller Foundation of New York is known to be interested in the project and a petition will be addressed to this Foundation for an appropriation of $250,000 to the Inter-Library Center. The total

fund of $1,000,000 will be used for the construction costs of the Center and for initial operating costs.

The Executive Committee is now pushing plans to select a site for the Center, presumably in the City of Chicago, to find a Director of the Center, and to perfect the other arrangements necessary to such a large enterprise.

The Inter-Library Center is one of the most forward steps ever taken in the regional organization of resources for scientific, cultural, and scholarly work. Little-used materials in the participating libraries will be housed in the Center. By this concentration at the Center, a great research library can be established, but at the same time the participating institutions will be able to expand their holdings in the areas that are most useful for their own facilities. Full coordination with and speedy exchange between the participating libraries give dramatic promise of more useful service to research and scholarship throughout the midwest area.

PURCHASES

Purchase Authorized

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

Item	*Department*	*Vendor*	*Cost*
Twenty donut sections; 40 donut sections without snout	Physics	Colonial Insulator Co., Akron, Ohio	$1 700 00

Due to the experimental nature of the work, the order will be written subject to cancellation by either party, pending the production of a satisfactory sample. In event of cancellation, the University will be liable for a mold charge, only, of $200.

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.

Item	*Department*	*Vendor*	*Cost*
Two No. 8662 potentiometers, L & N, precision, portable; 1 No. 7552 potentiometer, L & N, type K-2; 1 No. 2430-C galvanometer, type E; 2 No. 2420-A galvanometers, with enclosed lamp and scale; 2 No. 4716 decade resistance boxes; 2 No. 2164 ayrton shunts	Chemistry	Leeds & Northrup Co., Chicago	$1 652 00
One NT-2500 DU Beckman quartz spectrophotometer; 1 NT-2501 ultraviolet accessory set; 4 2300-10-89 fused silica cells for Beckman quartz spectrophotometer	Chemistry	Wilkens-Anderson Co., Chicago	1 514 00 f.o.b. Urbana
Labor for rebuilding barn at Newton Experiment Field, all material to be supplied by the University	Agronomy	Leslie Monell, Newton	1 987 75
One central station transmitter and receiver with handset and hangup box; 3 mobile units complete for use in truck service	Physical Plant	Motorola, Inc., c/o T. G. Brown, Bloomington	2 121 15 f.o.b. Chicago
One carload of 1" and 2" fir lumber	Physical Plant	Hunter Lumber Co., Urbana	5 295 00
One tilting flume framework, to be constructed entirely of steel and copper	Theoretical and Applied Mechanics	Mississippi Valley Structural Steel Co., Decatur	1 890 00
Twelve photoelectric colorimeters; 12 voltage stabilizers	Chemistry	W. H. Kessel & Co., Chicago	1 555 20
Eighty-seven electric heating mantles, laboratory type; 8 regulating transformers	Chemistry	E. H. Sargent & Co., Chicago	1 636 50
200 reams 25x38 60 lb. enamel book paper	Office Supply Store	Bradner Smith & Co., Chicago	2 069 76
Rebuilding one 14" Hendey lathe owned by the University, including replacement of all worn parts, modernizing and thorough testing	Physics	Hendey Machine Corp., Chicago	1 880 00
Four museum cases, glass sides, ends, and top, 12"x36"x75" to match present museum equipment	Anatomy, Medicine	Illinois Metal Cabinet Co., Inc., Chicago	1 960 00

Item	*Department*	*Vendor*	*Cost*
Thirty-five Spencer No. 33 MH or Bausch and Lomb No. BA8 monocular medical microscopes with triple nosepiece in 16 mm., 4 mm., and 1.8 mm. oil immersion objectives; 10X eyepiece only, condenser and mechanical stage less carrying cases	College of Pharmacy	Chicago Apparatus Co., Chicago	5 722 00
One 18″ lathe with 72″ centers; taper nose spindle, 12 spindle speeds 14 to 345, complete with compound rest, round tool post, large and small face plates, thread chasing dial, steady rest, follow rest, motor to be 208/3/60 7½ hp AC complete with controls; 1-3 jaw Universal and 1-4 jaw Independent chuck, taper attachment and adjustable light mounted	Chemistry	Joseph Behr & Sons, Inc., Rockford	5 570 63 f.o.b. Cincinnati, Ohio
One 15″ lathe with 36″ centers; spindle speed range 30 to 1200 RPM, compound rest, tool post, dry chip pan, large and small face plates, steady rest, taper nose spindle, telescopic taper attachment, 1⅜″ round chuck (Sjogren type) and collets from ⅛″ to 1⅜″ by 16ths; motor 208/3/60, 3 hp AC; 8″ Universal and 10″ Independent chucks, adjustable light and micrometer carriage stop	Chemistry	Peoria Tool & Engineering Co., Peoria	3 047 82 f.o.b. Cincinnati, Ohio
One frame for Universal plastics testing machine to be constructed in accordance with our specifications	Theoretical and Applied Mechanics	Krouse Testing Machine Co., Columbus, Ohio	3 248 00 f.o.b. Urbana
One 2-channel amplifier and strain gage control unit employing 5000 cycle carrier voltage; one 2-channel amplifier and strain gage control unit employing direct current gage circuit	Theoretical and Applied Mechanics	Hathaway Instrument Co., Denver, Colo.	2 090 00
One 6-channel oscillograph complete with continuous drive record magazine and optical stage for 6 galvanometers; 9 galvanometers; 1 synchronous time marker unit; 1 gear reducer attachment	Theoretical and Applied Mechanics	Hathaway Instrument Co., Denver, Colo.	1 600 00 f.o.b. Denver
One vibrating reed electrometer, detecting 1x10-17 amperes	Physics	Applied Physics Corp., Pasadena, Calif.	1 500 00 f.o.b. Pasadena
Eight 8′ electronic work benches; five 5′ ditto	Graduate College	R. A. Smalley Planing Mill, Champaign	1 458 40
One 2½ ton truck equipped with combination stake and grain body, with hoist	Animal Science	Power Farm Implement Co., Champaign	3 410 32
One 1-ton milk delivery truck to replace 1941 panel truck	Food Technology	Power Farm Implement Co., Champaign	1 474 05
560 study lamps for student rooms in the new Women's Residence Hall	Residence Halls	Colonial-Premier Co., Chicago (bases) Marshall Studios, Veedersburg, Ind. (shades)	3 444 00 700 00
Living room furniture for furnishing Robert Allerton Center	Robert Allerton Center	Kiler's, Inc., Champaign	11 992 23 f.o.b. delivered
Four 1949 four-door Chevrolet sedans	Physical Plant	Sullivan Chevrolet Co., Champaign	6 071 00
Twenty-three pieces of physical therapy and hydrotherapy equipment required for the remodeled quarters of the Department of Physical Medicine	Physical Medicine	Ille Electric Corp., Long Island 1, N.Y.	5 936 90
One 4-hour "A" label safe with twelve letter files and one shelf, approximate inside measurements 42″ wide x 20″ deep; one 4-hour "A" label safe with three shelves, approximate inside measurements 42″ wide x 20″ deep	Medicine, Administration	Herring, Hall, Marvin Safe Co., Chicago	1 834 12 f.o.b. delivered and installed

Item	*Department*	*Vendor*	*Cost*
Thirteen additional sets of Ritter dental equipment for center type cabinet units to complement ninth floor clinic installation	Dental Clinics	Ritter Manufacturing Co., Rochester, N.Y.	13 587 36
One Offner electroencephalograph, type A, relay rack mounting, 4 channel, with 4 dynographs	Pharmacology, Medicine	Offner Electronics, Chicago	3 225 24
One Collins helium cryostat (Purchased from funds accruing the University under government research contracts.)	Graduate College	Arthur D. Little, Inc., Cambridge, Mass.	22 700 00 f.o.b. Cambridge
2115 RCA radio tubes	Electrical Engineering	General Electric Supply Corp., Springfield	2 101 20 f.o.b. Urbana
900 feet insulated copper cable in accordance with Sargent & Lundy specifications, 1/24/49	Physical Plant	Anaconda Wire & Cable Co., Chicago	2 725 20

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED TO MARCH 10, 1949

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
G. D. Searle and Co.	Study of anti-asthmatic drugs	$3 000 00	December 1, 1948
Veterans Administration	Instruction of veterans under PL346 at Navy Pier from 9-13-48 to 8-13-49 (Contract No. 3028V-337)	Rates per contract	November 5, 1948
Veterans Administration	Instruction of veterans under PL346 at Navy Pier from 9-1-48 to 8-31-49 (Contract No. V3028V-353)	Rates per contract	September 1, 1948
War Department, Headquarters Fifth Army	Course in Internship	None	October 20, 1948
Chicago Vitreous Enamel Product Co.—Ferro Enamel Corp.—Pemco Corp.	Study of refractories for low temperature enamels	7 100 00	January 4, 1949
War Department, Chemical Warfare	W-49-057-CWS-29	75 000 00	May 1, 1945[1]
Illinois Sportservice, Inc.	Concession at the Skating Rink (continuation of previous lease)	10% of gross receipt	October 1, 1948
Navy Department, Bureau of Supplies and Accounts	Contract No. N8sp-4722	2 000 00	July 1, 1948
Navy Department, Bureau of Supplies and Accounts	Contract No. N8sp-4723	42 292 00	September 1, 1948
Navy Department, Bureau of Supplies and Accounts	Contract No. N8sp-4724	1 308 00	September 1, 1948
Navy Department, Bureau of Supplies and Accounts	Contract No. N8sp-4725	5 232 00	September 1, 1948
War Department	Secrecy agreement	None	January 19, 1949
Veterans Administration	Instruction of veterans under PL346 at Chicago, Contract No. VA28r-ve-705	Rates per contract	October 28, 1948
Veterans Administration	Instruction of veterans under PL346 at Urbana, Contract No. V3028V-369	Rates per contract	January 3, 1949
Veterans Administration	Instruction of veterans for five-day Insurance Agent Course, Contract No. VA28r-ve-700	Rates per contract	February 24, 1948
Veterans Administration	Veterans education and training by correspondence, Contract No. V1001V-96	Rates per contract	December 28, 1948
With Whom	*Purpose*	*Amount to be Paid by the University*	*Date*
E. C. Manthei	Mechanical engineering services on the advisability of production of liquid air	$ 200 00	January 18, 1949

[1] Contract was not received until the latter part of 1948.

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

With Whom	*Purpose*	*Amount*
Lewis S. Colbert	Seventeen change orders	$19 675 84
Reliable Plumbing and Heating Co.	Seven change orders	7 544 34
Schroeder's	Seven change orders	5 058 64
Square Deal Electric Co.	Seven change orders	3 585 85

LEASES EXECUTED UNDER GENERAL REGULATIONS OF THE BOARD OF TRUSTEES

With Whom	*Property*	*Amount to be Paid by the University*	*Date*
H. A. Buckley	1108 West Green, Urbana	September 1, 1948, to August 31, 1949 $100 00 a month	September 1, 1948
Collins and Levis	Suite 607, Car-Pet-Line Building, Rockford (Office for the Division of Services for Crippled Children)	July 1, 1949, to July 1, 1951 $80 00 a month	February 1, 1949

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

April 21, 1949

With Executive Committee Meeting of March 29, 1949

The April meeting of the Board of Trustees of the University of Illinois was held on Thursday, April 21, 1949, at the Executive Mansion, in Springfield, according to the following schedule:

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

12 m. — Open session.

All the members were present: President Williamson, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Governor Stevenson, Mrs. Watkins.

President Stoddard was present; also Vice-President A. C. Ivy, Provost C. R. Griffith, Assistant to the President A. J. Janata, Secretary H. E. Cunningham, Comptroller Lloyd Morey, Legal Counsel W. E. Britton, and during part of the day, Director J. F. Wright.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of March 10, 1949.

On motion of Mr. Livingston, the minutes were approved as printed on pages 285 to 308 above.

REPORTS OF THE EXECUTIVE COMMITTEE

The Secretary presented for record the following actions of the Executive Committee since the March meeting of the Board.

Closing of Galesburg Division

The Executive Committee on March 15, 1949, approved a recommendation of President Stoddard that the Galesburg Undergraduate Division be closed as of June 30, 1949.

Purchase of Farm Land

The Executive Committee on March 16, 1949, accepted an offer of Gordon F. Kamerer and Charles M. Webber, of Urbana, to sell the 320-acre McCullough farm to the University at $500 an acre, plus $3,000 legal expenses already incurred. Messers. Kamerer and Webber executed a contract of sale and the University issued a formal acceptance of the contract, and made a payment of $8,000.

The Executive Committee also approved the purchase from the Sullivan heirs of two tracts of forty acres each, described as follows:

> The SE¼ of the SE¼ of Section 19, and the NW¼ of the NE¼ of Section 30, both in Township 19 North, Range 9 East of the 3rd P.M.

at a price not to exceed $800 an acre. The Executive Committee made an additional assignment of $7,000, and made the combined appropriation of $107,000, or so much thereof as may be necessary, available for payments on the purchase of the McCullough farm and the two Sullivan tracts.[1]

Contracts for Steam Distribution System

The Executive Committee on April 9, 1949, approved the award of contracts to the lowest bidders for construction of concrete tunnel and installation of piping from the Dairy Manufacturers Building east to the site of the College of Veterinary Medicine Science Building, as follows:

Construction of tunnel: Kuhne-Simmons Company, Inc., $84,775

Installation of piping: William A. Pope Company, $16,970 (plus escalation not to exceed 18%)

On motion of Mr. Livingston, the President of the University was requested to send to Mr. Gordon F. Kamerer and Mr. Charles M. Webber an expression of the Board's appreciation of their public service in this transaction.

On motion of Mr. McLaughlin, the Board made record of it appreciation of the services of President Stoddard and Dean Rusk in negotiating these purchases of land at such favorable terms.

Executive Committee Meeting, March 29, 1949

The Executive Committee of the Board of Trustees of the University of Illinois met at the University Club, 76 East Monroe Street, Chicago, Illinois at 6:30 p.m., Tuesday, March 29, 1949. Present: Mr. K. E. Williamson, Chairman, Mr. John R. Fornof, and Mr. Park Livingston, members of the Committee; also Dr. George D. Stoddard, President, Dr. A. C. Ivy, Vice-President in charge of the Chicago Professional Colleges, Mr. Lloyd Morey, Comptroller, Mr. William E. Britton, Legal Counsel, and Mr. H. A. Hazleton, Business Manager, Chicago, who acted as Clerk.

[1] The Comptroller reported on April 21, that the appropriation of $7,000 was not necessary, and that the total payments on these lands for the current fiscal year would be $64,000, and that the balance had been lapsed into the General Reserve.

MATTERS PRESENTED BY PRESIDENT STODDARD

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

CHICAGO HOUSING PROJECTS

(1) As a result of conferences between representatives of the University, the Medical Center Commission, and the Equitable Life Assurance Society of the United States, concerning the financing of housing projects for the Chicago Professional Colleges, the following procedures are proposed:

1. The Medical Center Commission will request a loan from the Equitable Life Assurance Society of the United States for funds with which to construct a staff apartment building and a student residence hall in Chicago as well as some equipment for the buildings constructed and the remodeling of properties now existing on the site adjacent to the staff apartment building.

2. The Medical Center Commission on the basis of a commitment from the Assurance Society to make such a loan will endeavor, with the cooperation of the University, to secure temporary financing for the purpose of constructing and partially equipping the buildings as well as the remodeling of existing properties.

3. The buildings will be built from plans prepared by the University architects and the construction will be supervised by University architects.

4. The contracts for the construction of the buildings will be let by the Medical Center Commission with the approval of the Board of Trustees of the University.

5. Upon completion of the buildings, the Medical Center Commission will issue its revenue bonds as the basis of the loan from the Assurance Society.

6. The Medical Center Commission will lease the properties so constructed, as well as existing properties, to the University of Illinois at a rental and for a period of time necessary to amortize the loan. This lease will be assigned by the Medical Center Commission to the Assurance Society as Security for the loan.

7. The Medical Center Commission will agree to convey the properties to the University at any time the University is willing to pay the outstanding principal of the loan with any interest due, thus discharging the Medical Center Commission from any liability to the Assurance Society.

8. The Medical Center Commission also agrees that if the University carries the lease until the entire bond issue is paid the Medical Center Commission will convey the property to the University of Illinois at that time.

9. The University agrees to convey the site for the residence hall to the Medical Center Commission, if this is necessary.

10. The loan requested is to be at 4 per cent with level semi-annual payments of principal and interest based on a twenty-five-year amortization schedule, the outstanding balance at the end of twenty years to be due and payable at that time.

On motion of Mr. Fornof, the Executive Committee recommended approval of this plan. This will require rescinding a resolution adopted by the Board of Trustees on October 21, 1948 (Minutes, page 136), declared as a matter of general policy that the land for these housing projects be acquired by the University in fee simple and not be leased.

CONTRACTS FOR SMALL HOMES COUNCIL HOUSING RESEARCH PROJECT

(2) The Board of Trustees, through its Committee on Buildings and Grounds and Executive Committee (Minutes, January 13, 1949, pages 196 and 226-227) has authorized the construction under the supervision of the Small Homes Council of approximately thirty houses as a research and demonstration project and for rental to members of the faculty. An appropriation of not to exceed $325,000, to be supplemented by a loan, was made for this project. The total cost was estimated at $412,000.

Bids have been received on the general work (complete construction of the houses), site improvements, and landscaping. The lowest bid on house construction

is well within the Small Homes Council estimate. However, due to improvements in the site plan and landscaping, and the addition of garages and breezeways to all houses, the total cost of the project is now estimated at $465,000. A loan of $140,000 plus the appropriation of $325,000 will provide enough funds to complete the project. The Comptroller has surveyed sources of borrowing and all replies indicate that net income from rentals will be adequate to amortize a loan of $140,000 in approximately fifteen years, the amortization period specified by the Board.

Submitted herewith are Schedule A, Capital Budgets for this Project; Schedule B, Estimated Annual Income and Expenses; and Schedule C, List of Bids Received.

The Director of the Physical Plant and the Comptroller recommend the award of contracts to the following firms who were the lowest bidders in each case:

General work	Continental Builders, Joliet[1]	$361 090 15
Site improvements	General Paving Co., Champaign	41 648 40
Landscaping	Grundstrom Co., Glenview	11 277 13

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts. I further recommend that the Comptroller be authorized to secure offers of funds to be borrowed and to submit such proposals to the Board of Trustees through the Finance Committee.

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

CONTRACT FOR COLLEGE OF VETERINARY MEDICINE IMPROVEMENTS

(3) The Director of the Physical Plant Department and the Comptroller recommend an addition to the standing contract with Lewis S. Colbert, Champaign, for remodeling in the Veterinary Pathology Laboratory at an estimated cost of $21,583. Funds are available in a special appropriation made by the Board of Trustees for this purpose.

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

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

RESOLUTION AUTHORIZING CONVEYANCE OF EASEMENT

(4) *Whereas,* the residue and remainder of the Estate of Harry G. Wright was devised to the University of Illinois, to be administered by the College of Agriculture of the University insofar as practicable in the judgment of its Board of Trustees, and used for the purpose of promoting agricultural education and for founding scholarships, but nevertheless the use made of the devise and bequest thereunder was to rest in the sole discretion and judgment of its Board of Trustees; and

Whereas, a portion of said residue was a certain lease of land on the southerly shore of Big Sand Lake in Vilas County, Wisconsin (theretofore assigned to said decedent whereon was erected a small summer home), together with an easement for a private road over adjoining property to connect with Wisconsin State Highway No. 70; and

Whereas, R. F. McCormick and H. D. Fisk, the Executors under said will, pursuant to an order entered May 20, 1941, in the County Court of DeKalb County, Illinois, executed and delivered to Park Livingston, as purchaser, an instrument purporting to convey the aforementioned property and interest; and

Whereas, said purchaser has been advised that the said Executors' deed may not be under the laws of the State of Wisconsin sufficient to convey the title or interest of Mr. Wright, and has requested that the University of Illinois, as such residuary devisee, execute and deliver to him a deed, in form now before this meeting, conveying the interest of the University in said premises:

Now, Therefore, Be It and It Is Hereby Resolved that, in the discretion and judgment of this Board of Trustees, the property and interests so conveyed by the Executors of the Estate of Harry G. Wright, due to the character and location

[1] See below, page 313.

thereof, are deemed impracticable to be administered and used for the purpose of promoting agricultural education and for founding scholarships, and that the action of said Executors above mentioned is hereby ratified and approved and, in view of the fact that the consideration therefor paid by said purchaser has been received by said Executors, that the President and Secretary execute, acknowledge, and deliver, for and on behalf and in the name of the Board of Trustees of the University of Illinois, a deed to said property and interests in the form now before this meeting; conveying

The leasehold estate created by that certain lease from the Eagle River Fishing and Shooting Club to George E. Nye, demising and leasing for a term of ninety-nine years, Lot Five (5) in Section Two (2), Township Forty-one (41) North, Range Twelve (12) East of the Fourth Principal Meridian, otherwise described as: Commencing at the Southwest corner of said Section Two (2) and thence East along the Section line between said Section Two (2) and Section Eleven (11) in said Township and Range, a distance of two hundred (200) feet; thence North to Sand Lake; thence in a Southwesterly direction to where the Section line between said Section Two (2) and Section Three (3) in said Township and Range intersects Sand Lake; thence South along said Section line to the point of beginning. Also

All right, title, and interest in and to that certain easement for use as a highway over, across and upon the Northwest quarter of Section Eleven (11) in the Township and range aforementioned reserved by Vinnie C. Nye in her deed conveying the premises last mentioned to the Government of the United States of America, recorded in Deed Book 64, page 554.

On motion of Mr. Fornof, the resolution was adopted.

KENNEY E. WILLIAMSON, *Chairman*
JOHN R. FORNOF
PARK LIVINGSTON

H. A. HAZLETON, *Clerk*

CHICAGO HOUSING PROJECTS

On motion of Mr. McLaughlin, the Board reconsidered and rescinded its resolution of October 21, 1948 (Minutes, page 136), with reference to the Chicago housing projects, and adopted the plan and method of procedure contained in item 1, parts 1 to 10 inclusive, of the minutes of the Executive Committee of March 29, 1949.

SMALL HOMES COUNCIL HOUSING RESEARCH PROJECT

The Legal Counsel reported that he had received information that the lowest bidders on general work for the Housing Research Project had not supplied, and probably could not, because of other commitments, supply a bond within thirty days from the opening of bids.

On motion of Mr. Livingston, the Board voted to authorize the Director of the Physical Plant Department to reject all other bids for general work and to advertise for new bids for general work on the Housing Research Project, with fifteen-day limit, if the lowest bidder should fail to supply a satisfactory bond within thirty days from the opening of the bids.

On motion of Mr. Fornof, the Comptroller was authorized to extend the amortization period of the loan for this project to twenty years if necessary.

CONVEYANCE OF EASEMENT

On motion of Mr. Fornof, the action of the Executive Committee in executing a conveyance of land and easement to right-of-way in Wisconsin (part of the estate of the late Harry G. Wright) was approved and confirmed.

APPOINTMENTS TO THE FACULTY MADE BY THE PRESIDENT OF THE UNIVERSITY

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

1. DAVID W. BELCHER, Assistant Professor of Management, in the Business Management Service, beginning July 1, 1949, at an annual salary of $6,000.
2. WILLIAM M. CAPRON, Assistant Professor of Economics, beginning September 1, 1949, at an annual salary of $4,500.
3. EDWARD CHAINSKI, Clinical Assistant Professor of Otolaryngology, in the College of Medicine, beginning March 1, 1949, without salary.
4. JOHN A. COCHRAN, Assistant Professor of Economics, beginning September 1, 1949, at an annual salary of $4,500.
5. ANDREW L. COMREY, Assistant Professor of Psychology, beginning September 1, 1949, at an annual salary of $4,000.
6. ARNOLD C. CONDON, Associate Professor of Secretarial Training, in the Department of Business Organization and Operation, beginning September 1, 1949, at an annual salary of $6,000.
7. FRED W. FOSTER, Associate Professor of Geography, beginning September 1, 1949, at an annual salary of $5,500.
8. HAROLD MARSH, JR., Assistant Professor of Law, beginning September 1, 1949, at an annual salary of $6,000.
9. ROBERT J. MAURER, Associate Professor of Physics, in the College of Engineering, beginning September 1, 1949, at an annual salary of $7,000.
10. FREDERICK SEITZ, Professor of Physics, in the Graduate College, beginning September 1, 1949, at an annual salary of $11,000.

On motion of Mrs. Watkins, the action of the President in making these appointments was confirmed.

MATTERS PRESENTED BY PRESIDENT STODDARD

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

VISIT OF GENERAL ASSEMBLY

(1) Following a custom of many years' standing, the Sixty-sixth General Assembly of Illinois will make its biennial visit to the University of Illinois (Urbana-Champaign campus) on April 28-29 for the purpose of inspection. A large delegation is expected.

The expenses of this visit are paid by the University and the Board has usually made a special appropriation for that purpose. I recommend that the Public Functions Fund of the President's Office for the current fiscal year of 1948-1949, be supplemented by an assignment of $2,500 for this purpose.

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

LEAVE OF ABSENCE FOR DEAN HOWARD R. BOWEN

(2) Dean Howard R. Bowen of the College of Commerce and Business Administration has been asked by the Department of the Army to serve on a Commission to review the public finances of Japan during the months of June and July. The purpose of the commission would be to review its tax system and ways and means of balancing its budget and repressing inflation.

I recommend that Dean Bowen be given a leave of absence with pay from June 1 to August 1, 1949, for this purpose.

On motion of Mrs. Holt, this leave was granted as recommended.

TRAINING PROGRAM FOR NURSES

(3) The Board of Directors of the Cook County School of Nursing requests an affiliation with the University of Illinois whereby a student may receive a diploma in nursing from the Cook County School of Nursing and a Bachelor of Science in Nursing from the University of Illinois, provided the student has fulfilled the University's requirements for the degree.

The University Senate recommends approval of a training program for nurses according to the following plan:

1. A two-year pre-professional curriculum in nurses training to be offered at Urbana-Champaign and at the Chicago Undergraduate Division (Navy Pier).

2. The requirements for admission will be the same as those required for admission to the Cook County School of Nursing.

3. The curriculum of the Cook County School of Nursing will be accepted as fulfilling the requirements for the degree of Bachelor of Science in Nursing.

Any subsequent changes in this curriculum will be subject to approval by the University Senate and the Board of Trustees.

I submit a memorandum prepared by the Vice-President in charge of the Chicago Professional Colleges in consultation with representatives of the Cook County School of Nursing, the Cook County Hospital, and the Cook County Board of Commissioners which presents the proposed plan of affiliation with the University of Illinois in detail (see Appendix, page 348).

I recommend approval of this training program and plan of affiliation.

President Stoddard, Dr. Ivy, Provost Griffith, and Dr. Meyer commented on this program.

On motion of Mr. Livingston, this training program and plan of affiliation were approved as recommended.

CONTRACT WITH ILLINOIS WATER SERVICE COMPANY

(4) On April 10, 1948 (Minutes, page 1072), the Board of Trustees voted to contract with the Illinois Water Service Company for furnishing the entire water supply of the University at Urbana-Champaign. The conditions of such a contract will provide that the University shall pay rates approved by the Illinois Commerce Commission. The rate schedule which the Company submitted to the Commission at that time would have increased rates then in effect by approximately 50 per cent in the bracket applicable to maximum University consumption (over 300,000 cubic feet per quarter) for softened water but the rates subsequently approved by the Commission are based on iron free water only. The rate applicable to the quantity bracket of over 300,000 cubic feet per quarter was increased from six cents per 100 cubic feet per quarter to seven cents, or an increase of 16⅔ per cent instead of from six to eight cents as requested by the Company. The comparative schedule of rates is:

RATES PER 100 CUBIC FEET PER QUARTER

	Previous rate schedule — *Iron removal only*	*Rate schedule tentatively accepted by Board of Trustees April 10, 1948*	*New schedule submitted to Illinois Commerce Commission*	*Schedule approved by Illinois Commerce Commission*
First 9,000 cu.ft.	$.25	$.40	$.33[1]	$.32[1]
Next 9,000 cu.ft.	.18	.30	.23	.20
Next 12,000 cu.ft.	.10	.20	.13	.13
Next 270,000 cu.ft.	.06	.10	.08	.08
All over 300,000 cu.ft.	.06	.09	.08	.07

[1] First 700 cu. ft. per quarter, $2.50.

The Company can not furnish softened water as originally contemplated. The charge for iron free (rather than softened) water, in the bracket of maximum University consumption (over 300,000 cubic feet per quarter), as now approved by

the Illinois Commerce Commission, will be seven cents per 100 cubic feet per quarter, instead of the rate of nine cents previously requested for softened water. While softened water is desirable, it is not essential and was not requested by the University.

It was originally proposed that the Company would provide and maintain all metering facilities. The meters were to be of the volumetric type with straight reading horizontal register and recording only the volume consumed, and not the rate of flow. From the University's point of view, recording the rate of flow is desirable. Contracts for the University's water station improvements now under construction call for a Venturi meter which will record both rate of flow and quantity consumed. Installation of an additional meter by the Water Company would require the University to construct a meter vault. The Company is willing to use the Venturi meter provided by the University.

The contract as now drafted provides that:

a. The Water Company will proceed as rapidly as possible to deliver water needed by the University.

b. Not later than two years from the date of the agreement it will begin to furnish the entire requirements of the University.

c. In the interim the University will use its own facilities and supply together with water purchased as needed.

d. After the Company begins to supply the entire requirement, the University facilities will be maintained for emergency use only.

e. The adequacy of water service will be determined by the National Board of Fire Underwriters.

f. The quality of water furnished will be based on the standards of the United States Public Health Service for drinking water.

g. If the Water Company at any time fails to furnish an adequate or potable supply or to take steps toward correcting any deficiencies within six months, the University is relieved of its obligations under the contract.

h. Subject to constitutional and statutory limitations on biennial appropriations, the agreement runs for thirty years subject to the right of either party to terminate at the end of any ten-year period on two years' written notice.

i. The University agrees to comply with all rules and regulations of the Water Company approved by the Illinois Commerce Commission, and shall have a period of five years in order to install such facilities and to do the work required to comply with such regulations. Water furnished under this agreement may be used by the University for cooling purposes or other processing purposes comparable with any industrial use permitted by the Water Company.

Chapman and Cutler, attorneys of Chicago, have recommended that the Board of Trustees adopt the following resolution:

Be It Resolved by the Board of Trustees of the University of Illinois that the following agreement for the purchase of water by the University of Illinois from the Illinois Water Service Company, to wit:

AGREEMENT FOR PURCHASE OF WATER

This agreement, made and entered into this 21st day of April, 1949, by and between ILLINOIS WATER SERVICE COMPANY, a private corporation organized and existing under the laws of the State of Illinois (hereinafter referred to as the "Water Company"), and the UNIVERSITY OF ILLINOIS, a public corporation organized and existing under and by virtue of the laws of the State of Illinois (hereinafter referred to as the "University"),

WITNESSETH, as follows:

Whereas, the Water Company is a public utility subject to regulation by the Illinois Commerce Commission and owns and operates a system of wells, together with water treatment facilities, water mains and distribution facilities, and is presently engaged in the business of furnishing water service in the Cities of Champaign and Urbana, Illinois; and

Whereas, the University likewise owns certain wells, a distribution system and other facilities capable of furnishing a part of the water service requirements of the University; and

Whereas, for reasons of economy the University is desirous of contracting with the Water Company for the furnishing of the entire water supply of the University, and the Water Company is willing to furnish such water supply upon the terms and conditions hereinafter set forth;

Now, Therefore, in consideration of the mutual covenants and agreements herein contained, the parties hereto have agreed, and do hereby agree, as follows:

1. Subject to the remaining terms and provisions of this agreement, the Water Company agrees to sell and deliver to the University at the point of delivery hereinafter specified, and the University agrees to purchase and take at said delivery point, all water required by the University for use on the campus and in all buildings or other structures owned or operated by the University in and about the Cities of Champaign and Urbana, Illinois, and which may now or hereafter be connected to the distribution system maintained by the University. It is understood, however, that the Water Company is now in process of drilling additional wells to augment its supply and expects to install additional water treatment facilities and will not be able to furnish the entire requirements of the University until approximately two (2) years after the execution and delivery of this agreement. Accordingly, it is agreed that the Water Company shall proceed as speedily as possible to do all work necessary to enable the Water Company to furnish the entire requirements of the University and in the meantime the University may take and the Water Company shall, to the extent that it is able to do so, deliver such amounts of water as may be needed by the University to supplement its own water production. Such supplementary water shall be taken through existing connections and, insofar as possible, at night. In any case, the Water Company shall begin furnishing the entire requirements of the University not later than two (2) years after the date of this agreement.

2. The University agrees to pay to the Water Company for all water furnished to the University according to the applicable rates from time to time on file with the Illinois Commerce Commission or such other regulatory body as may from time to time have jurisdiction over such water rates. The Water Company shall render bills for such water service to the University on a monthly basis and the amount of each bill shall be payable on or before the 25th day after the rendering of the bill, and, if paid thereafter, the applicable penalty or discount contained in any rate schedule then in force will be added or withdrawn. The Illinois Commerce Commission has heretofore directed that the Water Company shall, in its present rate schedule give recognition, in the form of lower rates, to consumers using in excess of 300,000 cubic feet of water per quarter and the Water Company has, in compliance with such direction, filed a rate schedule with said Illinois Commerce Commission providing for such a lower rate to such consumers. The Water Company agrees that it will, in any rate schedule hereafter filed, recommend similar recognition and consideration to the University and other consumers using extraordinarily large quantities of water. It is understood that any rate schedule which shall hereafter be filed must necessarily be approved by the Illinois Commerce Commission or any other regulatory body having jurisdiction over water rates.

3. The point of delivery of the water to be furnished hereunder shall be at a service valve to be furnished by the Water Company and to be located north of the south property line of Springfield Avenue, between Romine and Matthews Streets, in Urbana, Illinois, and after installation of such service valve all such water shall be furnished through a Venturi meter (hereinafter sometimes called the "Master Meter") to be furnished and paid for by the University. Pending the installation of said service valve and meter, water shall be furnished hereunder through the presently available connections and meters. It is understood that there is now being maintained a connection at a point south of the Auditorium on Armory Avenue extended where water is now being furnished to the University and that after the installation of said service valve, the said connection and the meter located at said connection shall continue to be owned and shall be maintained by the University, but that said connection shall not be used for the purpose of furnishing water to the University after the Water Company has notified the University that it will furnish all of the University's requirements, except in case of emergency and then only upon notice to the Water Company by the University

of its intention to use the same. If said connection shall be used after the Water Company is furnishing all of the University's requirements, the water flowing through the meter at said connection shall be added to the amount flowing through the Master Meter for the purpose of billing in any billing period during which the said connection may be in use for emergency purposes. A minimum charge shall be made to the University in respect of this connection equal to the minimum charge fixed in the rate schedule of the Water Company in force at the time and applicable to the size of meter then in use, and the University shall be given credit for the amount of water allowed for such minimum charge in any such rate schedule. The University shall provide space for the said Master Meter, and if a meter vault is required, the same shall be built by the University at its expense in accordance with specifications to be furnished by the Water Company.

The division of responsibility for the maintenance of the respective facilities of the Water Company and the University shall be at the said service valve to be furnished by the Water Company, and the Water Company shall not be required to provide more than one service line leading to such valve unless required by the National Board of Fire Underwriters. The University agrees to construct, maintain and operate at its sole cost and expense all equipment and facilities (including all service connections) beyond the delivery point which may be necessary to take and utilize the water furnished by the Water Company. It is understood that the University now and hereafter may desire metered water service to buildings and facilities of the University located on or off the campus and which are not, or may not hereafter, be connected with its distribution system and that with respect to any such metered water service a separate bill shall be rendered monthly or quarterly, at the discretion of the Water Company, to the University for each such meter so furnishing water at the applicable rates from time to time in force for such metered water service, and that the amount of the water furnished through such metered water service shall not be considered as a part of, nor added to, the amount of water furnished through the Master Meter. Such metered water service shall be furnished under such rules, regulations and conditions of service applicable to other customers of the Water Company as may be in force and effect during the time service is received by the University. In order to eliminate the necessity of the University using its pumping equipment, the Water Company agrees to operate its pumping equipment so as to fill its elevated storage tank located on North Champaign Street, extended, Champaign, Illinois, and which has a capacity of approximately one million (1,000,000) gallons, at least once in twenty-four hours, which operation of the Water Company's pumping equipment should be sufficient to fill the University's present elevated tank within the same 24 hour period. In the event that the said elevated storage tank of the Water Company should not be filled once in 24 hours or be out of service for any reason, the Water Company agrees to maintain operating pressures at its pumping station at least equal to those with which it maintains on an average daily basis while the said elevated storage tank is in service. In any case, the University shall be responsible for the pressure in its mains and distribution system for fire protection purposes.

4. It is understood that all water to be furnished hereunder shall be potable water and the standards of the United States Public Health Service for drinking water shall be the standards used in determining potability. It is further understood that the Water Company, after the expiration of a period of two (2) years from the date of this agreement, shall at all times furnish to the University an adequate supply of water, and if any question shall arise as to the adequacy of such water supply, the question shall be determined by the National Board of Fire Underwriters. In case of any deficiency either in potability or adequacy, the Water Company shall not be in default hereunder if, within six (6) months after such deficiency occurs, it shall commence the necessary engineering studies and place orders for all materials that such engineering studies indicate are necessary and take such other steps as may be necessary to correct the then existing deficiency, and pursue the same to completion within a reasonable time, and if the Water Company shall not take steps to correct the then existing deficiency in the manner and within the time above specified, the University shall, at its option, be relieved of its obligation under this agreement. Notwithstanding the foregoing, the Water Company shall not be required to correct any deficiency when the Water

Company is unable to correct such deficiency for reasons as set forth in Section 10 hereof. The adequacy of the water supply furnished to the University shall be determined at the point of delivery at the service valve and Master Meter above mentioned, as determined from time to time by the National Board of Fire Underwriters, and in any case a water supply at the rate of one thousand (1,000) gallons per minute, United States Standard Liquid Measure (or such other amount as the parties hereto shall agree upon), shall be deemed to be adequate for all purposes of this agreement unless the National Board of Fire Underwriters shall determine otherwise. The Water Company agrees to conduct such studies as may be necessary for the long term future water supply of the University and the community and to furnish to the University such physical plant data as may be necessary to assure the University of the adequacy of the water supply, but the Water Company shall not be required to furnish such data more than once in each calendar year.

5. The University agrees to comply with all of the rules and regulations of the Water Company from time to time on file with the Illinois Commerce Commission and governing service in the Cities of Champaign and Urbana; provided, however, that if at the date of this agreement it is necessary for the University to do any work or install any facilities in order to comply with such rules and regulations, the University shall have a period of five (5) years from and after the date of this agreement to install such facilities or to do such work, except in cases where non-compliance with such rules and regulations may in any way affect the bacteriological quality of the water furnished by the Water Company, in which case it shall be the duty of the University to comply immediately with such rules and regulations.

6. It is understood that water furnished under this agreement may be used by the University for cooling purposes or for other processing purposes, comparable with any existing industrial use permitted by the Water Company without imposing any restrictions. If there shall hereafter be any change in the rules and regulations respecting the use of water for any of the purposes specified in this paragraph, the University shall be entitled to the benefit of any such change to the same extent as other customers of the Water Company. In case of any dispute with respect to the foregoing, both parties agree to jointly submit the question to the Illinois Commerce Commission and to abide by any ruling, whether formal or informal, given by the said Commission.

7. Nothing in this agreement contained shall be deemed to prohibit the University from producing such quantities of raw water as may be needed for research in the field of biology or any other research where the treated water served by the Water Company is not suitable. The University agrees that it will under no circumstances permit any cross connection of any kind to be made between any such raw water supply and the treated water supply furnished by the Water Company.

8. The University agrees that so long as this agreement shall remain in force, it will maintain its existing water wells throughout their expected life but, from and after the time when the Water Company shall commence to furnish the entire water supply of the University such wells will be maintained for standby and emergency purposes only; provided, always, that such wells may be operated periodically for test purposes as may be deemed necessary or advisable by administrative authorities of the University responsible for the water supply, but the water produced from such test runs shall not be utilized by the University unless it meets the standards approved by the United States Public Health Service. Such test runs may be made at approximately thirty (30) day intervals during the life of this agreement and may be of approximately two (2) hours duration.

9. The unit of measurement for the water delivered hereunder shall be one thousand (1,000) gallons of water, United States Standard Liquid Measure. For the purposes of measurement of water delivered hereunder, it is understood that 7.48 gallons of water shall constitute one (1) cubic foot. It is further understood that the meter to be originally installed at the service valve hereinbefore referred to shall be a Venturi meter. The University shall have access to the said Master Meter, but the reading and calibrating and adjustment of such Master Meter shall be done only by the employees or agents of the Water Company. For the purposes of this agreement the original record of reading of any meter (including the Master Meter) shall be the journal or other record book of the Water Company in its office in which the records of the employees or agents of the Water

Company who take the reading are or may be transcribed. Approximately once in each six (6) months period during the life of this agreement, on a date as near the last day of the month as practicable, the Water Company shall calibrate said Master Meter in the presence of a representative of the University, and the representatives of the parties hereto shall jointly observe any adjustments made to such meter when such adjustment be necessary. If upon any test, whether by check meter or otherwise, the percentage of inaccuracy of the said Master Meter is found to be in excess of two per cent (2%), registration thereof shall be corrected for a period extending back to the time when such inaccuracy occurred, if such time is ascertainable, and if not ascertainable, then for a period extending back one-half of the time elapsed since the last date of calibration, but in no event more than six (6) months.

10. In the event either party hereto is unable, wholly or in part, by reason of force majeure to carry out its obligations under this agreement, other than any obligation to pay money due hereunder, then such party may give notice in writing to the other party hereto, giving notice and full particulars of such force majeure within a reasonable time after the occurrence of the cause relied on, whereupon the obligations of the party giving such notice insofar as they are affected by such force majeure shall be suspended during the continuance of any inability so caused, but for no longer period, and such cause, as far as possible, shall be remedied by the party giving such notice with all reasonable dispatch. The term "force majeure" as employed herein, shall include acts of God, strikes, lockouts, other industrial disturbances, acts of the public enemy, priorities or orders of any kind of the Government of the United States or of the State of Illinois or of any civil or military authorities on account of any war or war defense program, insurrections, riots, epidemics, lightning, earthquakes, fires, storms, floods, explosions, and any other causes of the kind herein enumerated, not reasonable within the control of the party claiming suspension.

11. The term of this agreement shall be thirty (30) years from the date hereof, subject to the right of either party hereto to terminate this agreement upon the expiration of a period of ten (10) years from the date hereof or twenty (20) years from the date hereof, upon giving to the other party two (2) years written notice of such termination; provided, however, that this agreement shall not become effective unless and until it shall be presented to and approved by the Illinois Commerce Commission and the parties hereto agree to cooperate in procuring such approval.

12. It is understood that the provision of this agreement shall not extend or apply to the use of raw water produced by the Athletic Association of the University of Illinois at the Stadium, and at the University Golf Course. The University may, at its discretion, extend the water distribution system to service University owned property outside the city limits of the Cities of Champaign and Urbana, Illinois.

13. In the event that control of the Water Company is acquired by a municipal corporation by purchase, lease, operation of law, or otherwise, the University, at its option and by giving six months written notice of its intention so to do, may terminate this agreement. Otherwise, this agreement shall inure to the benefit of and be binding upon the parties hereto and their respective successors and assigns, but nothing herein contained shall be deemed to confer any rights upon any person, firm or corporation other than the parties hereto and their respective successors and assigns.

All provisions and terms of this agreement shall be subject to the provisions of Article 4, Section 18, Constitution of Illinois 1870, and to Section 28, Chapter 144, Illinois Revised Statutes 1947.

In Witness Whereof, Illinois Water Service Company has caused this agreement to be signed by its President or a Vice President thereunto duly authorized and its corporate seal to be hereunto affixed and attested by its Secretary or Assistant Secretary, and the University of Illinois has caused this agreement to be signed by the Comptroller of its Board of Trustees thereunto duly authorized and its corporate seal to be hereunto affixed and attested by the Secretary of its Board of Trustees, all as of the day and year first above written.

ILLINOIS WATER SERVICE COMPANY

By_____
President

Attest:

_____
Secretary

UNIVERSITY OF ILLINOIS

By_____
Comptroller of its Board of Trustees

Attest:

_____
Secretary of its Board of Trustees

be and is hereby ratified and approved, and that the President and Comptroller be and they are hereby ordered and directed to execute the said agreement for and on behalf of the University of Illinois and that the Secretary be and he is hereby authorized and directed to attest the execution thereof by said officers.

I concur.

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

At this point, Governor Stevenson took his place with the Board. He spoke of his pleasure in having the Board meet with him at the Executive Mansion, and of his appreciation of the prompt action of President Stoddard and the Board in deciding to close the Galesburg Undergraduate Division so that the plant could be used by the Department of Public Welfare.

BUDGETARY DISCUSSION

In a short discussion of budgetary matters, President Williamson expressed the appreciation of the Board for the appropriations for the University approved by the Governor in his budget.

President Stoddard spoke of the urgency of the item of one million dollars for remodeling and fire prevention in the Noyes Laboratory of Chemistry ($230,000), remodeling the Old Power Plant so that the space could be used ($400,000), and repowering the Physics Building to secure adequate power and to reduce the fire hazard ($270,000). The Provost and the Comptroller supported the President's position.

Governor Stevenson expressed his regret that the expected income of the State would not provide for any additions to his budget. He said that he would give this item a high priority in case additional income were to materialize.

The Board recessed for luncheon.

OPEN SESSION

After luncheon, the Board convened in open session. Governor Stevenson was present during the afternoon.

MATTERS PRESENTED BY PRESIDENT STODDARD

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

APPOINTMENT OF PROFESSOR ALLEN STUART WELLER AS HEAD OF THE DEPARTMENT OF ART

(1) The Dean of the College of Fine and Applied Arts recommends the appointment of Dr. Allen S. Weller, now Professor of the History of Art in the Graduate College, as Professor and Head of the Department of Art in the College of Fine and Applied Arts on indefinite tenure beginning September 1, 1949, at a salary of $9,000 an academic year.

Professor Weller has been serving as Chairman of the Administrative Committee of the Department of Art since September 1, 1948.

I concur in this recommendation.

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

APPOINTMENT OF HEAD OF DEPARTMENT OF GENERAL ENGINEERING DRAWING

(2) Professor H. H. Jordan, Head of the Department of General Engineering Drawing, has for many years been serving as Associate Dean of the College of Engineering. The College of Engineering requires his services as Associate Dean on a full-time basis. It is therefore recommended that:

1. Professor Jordan be relieved of the headship of the Department of General Engineering Drawing and be appointed Associate Dean of the College of Engineering for two years from September 1, 1949, and Professor of General Engineering Drawing on indefinite tenure, at an annual salary of $10,500.

2. Professor R. P. Hoelscher, formerly of the Department of General Engineering Drawing, who has been serving as Dean of Engineering Sciences at the Chicago Undergraduate Division (Navy Pier) for the past three years, be appointed Professor and Head of the Department of General Engineering Drawing on indefinite tenure from September 1, 1949, at a salary of $8,300 an academic year.

I concur in these recommendations.

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

APPOINTMENT OF HALVOR ORIN HALVORSON AS PROFESSOR AND HEAD OF THE DEPARTMENT OF BACTERIOLOGY

(3) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Halvor Orin Halvorson, now Professor of Bacteriology at the University of Minnesota, as Professor and Head of the Department of Bacteriology on indefinite tenure beginning September 1, 1949, at a salary of $9,000 an academic year.

I concur.

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

APPOINTMENT OF JOHN LEWIS HELLER AS PROFESSOR AND HEAD OF THE DEPARTMENT OF CLASSICS

(4) The Dean of the College of Liberal Arts and Sciences recommends the appointment of John Lewis Heller, now Professor and Chairman of the Department of Classics at the University of Minnesota, as Professor and Head of the Department of Classics on indefinite tenure beginning September 1, 1949, at a salary of $8,000 an academic year.

I concur.

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

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

(5) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded the following who have made applications therefor under Section 5 of the Accountancy Act of 1943. They have all submitted evidence that they are holders of valid and unrevoked certificates which they obtained in

other states on the basis of having passed the written examination. They have also presented evidence to the Committee that they satisfy the other provisions of Section 5:

DUANE HOWARD CALHOUN (Tenn.)
EDWARD EVERETT LANPHERE (Neb.)
HAROLD ROBERT PRICE (Pa.)
JOHN RASQUI, JR. (Ohio)
PERCY MILES TAYLOR (N.H.)
WEBSTER RUSSELL VAUSE (D.C.)

I concur.

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

AMENDMENT OF REGULATIONS GOVERNING ADMINISTRATION OF THE LAW RELATING TO CERTIFIED PUBLIC ACCOUNTANTS

(6) Under an act of the General Assembly of Illinois passed in 1943 superseding the original Accountancy Act of 1903 and the Public Accounting Act of 1927, the University continues to have the responsibility of examining applicants for certificates of Certified Public Accountant. Certificates to successful candidates are issued in the name of the Board of Trustees.

To carry out the provisions of the law the Board of Trustees appoints a board of three examiners to prepare, conduct, and grade examinations. Also, as a new provision of the Act of 1943, the University, with the approval of the Department of Registration and Education (which formerly administered the Public Accounting Act of 1927), has appointed a special board of five examiners to pass upon the qualifications and examine applicants for the C.P.A. certificate with ten years of experience who hold certificates of registration as Public Accountants in Illinois by waiver or oral examinations under the Act of 1927.

A Committee on Accountancy, appointed by the President of the University from the faculty, passes upon applicants for the Illinois C.P.A. certificate who hold C.P.A. certificates from other states or who possess the Illinois P.A. certificate under the Act of 1927 on the basis of a written examination. The Committee serves in other ways as the President's agent in administering the Accountancy Act. The Board of Trustees has established regulations for the administration of the Act.

Each applicant for the C.P.A. certificate by written examination is required to pass examinations in the Theory of Accounts, Commercial Law, Auditing, and Practical Accounting.

The Committee on Accountancy has been discussing with the Board of Examiners in Accountancy and with the Board of Directors of the Illinois Society of Certified Public Accountants a modification of one of the rules (Rule 33) which has provided for one re-examination in subjects failed in a candidate's original examination provided his grades were not below 60 per cent. The Directors of the Illinois Society of Certified Public Accountants believe that the rules should be liberalized by giving the candidate additional opportunities to remove failures in his original examination. The Committee on Accountancy recommends that Rule 33 be amended to read as follows (language to be deleted in italics):

"A candidate who passes in Theory of Accounts and Practical Accounting,[1] and fails in one or both of the other examination subjects (Auditing and Law), *with a grade not lower than 60 in the subject or subjects failed,* or a candidate who passes in Auditing and Law and fails in Theory of Accounts and Practical Accounting,[1] *with a grade not lower than 60,* shall be credited with the subject or subjects in which he has received passing grades and may upon application and payment of the required examination fees present himself for re-examination in the subject or subjects in which he failed at any three of the six semi-annual examinations next succeeding the examination at which he qualifies for such partial re-examination. Whenever a candidate presents himself for re-examination he must write on all subjects in which he then has failing grades.

"If on re-examinations, the candidate passes in the subjects in which he has failed, he shall be eligible for the C.P.A. certificate; if he fails to do so, he shall revert to the status of a new applicant who is required to write the entire examination.

[1] The examination in Theory of Accounts and the two sessions of the examination in Practical Accounting are considered as one subject in administering this rule.

"The time limitation within which a candidate is required to pass subjects under this rule shall not include any period during which the applicant serves in the armed forces of the United States."

Because of the change in Rule 33, a slight change in phraseology of another rule (Rule 34a) is required. As revised, Rule 34a would read:

"A candidate whose standing is such that he shall be required to write in all subjects may not present himself for re-examination until at least one examination shall have intervened following his last examination or re-examination, and then only upon presentation of satisfactory evidence that he has made further preparation in the interim."

These changes will provide three opportunities for a candidate to remove original failures. They must be exercised within six semi-annual examinations (substantially three years) next following the examination in which he qualified under the rule.

The Act provides that a fee of $25 shall be paid by each candidate admitted to the complete examination. This fee goes into the Accountancy Fund from which all expenses incurred in the administration of the C.P.A. Act must be met. Originally candidates writing part of the examination under Rule 33 paid the full fee of $25. A number of years ago the Board of Trustees, on recommendation of the Board of Examiners in Accountancy and the Committee on Accountancy, authorized re-examinations under this rule without the payment of additional fees. At that time there was a substantial balance in the Accountancy Fund.

Expenses of administration of the C.P.A. Act have now greatly increased so that it is necessary to return to the practice of requiring that fees be paid by candidates given re-examinations under Rule 33. This will be particularly necessary since additional re-examinations are being provided in the amendment of Rule 33. The Committee on Accountancy therefore recommends that candidates writing under Rule 33, as revised, be charged fees as follows:

For candidates writing Theory and Practice of Accounting...$20
For candidates writing Auditing or Commercial Law, or a combination of Auditing and Commercial Law..... 15

I recommend approval.

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

AMENDMENT OF REGULATIONS FOR SCHOLARSHIPS IN AGRICULTURE AND HOME ECONOMICS

(7) For fifty years the University has been awarding scholarships in agriculture and home economics, established by the Board of Trustees at the request of the Illinois Farmers' Institute, which exempt the holders from payment of tuition fees. Originally one scholarship was available in agriculture and one in home economics in each county of the State (except Cook and Lake Counties where two scholarships, one in agriculture and one in home economics, were awarded in each of the first seven, later the first ten, Congressional Districts which are in those counties). On September 27, 1940, the Board of Trustees reduced the number of scholarships in agriculture and home economics offered in Cook and Lake Counties from twenty to four, thereafter offering one of each scholarship in each county instead of one in each of the first ten Congressional Districts.

Under present regulations governing these scholarships, candidates must meet certain conditions of eligibility, viz., (a) a candidate must be a bona fide resident of the county from which he is recommended; (b) the candidate must rank in the upper 50 per cent of the high school class with which he graduated; (c) awards to students entering the University by transfer from other colleges or universities are made only to those who have a scholastic average of fifteen points above the passing grade of the college or university previously attended. In addition, the candidates must (a) be recommended by the Illinois Farmers' Institute; (b) pass with an average grade of seventy or higher the competitive examination given by the County Superintendent of Schools on the first Saturday in June to candidates for County scholarships which are established by law. (If a candidate for a scholarship in agriculture or home economics passes this

examination with the highest grade, such candidate automatically receives the County scholarship. County scholarships were established by an Act of the General Assembly of Illinois. One is available in each county of the State.) (c) The candidate must register in the University for a curriculum in agriculture or home economics at the opening of the next semester or summer session following the award.

The regulations also provide that if the Illinois Farmers' Institute fails to recommend a suitable candidate from any county the President of the University may appoint a candidate who meets all conditions of eligibility.

The Extension Service in Agriculture and Home Economics and the officials of the Illinois Farmers' Institute recommend that the present regulations be amended by rescinding the requirement that candidates must file application with the Illinois Farmers' Institute and be recommended by the Institute. Omission of these requirements will make the administration of these scholarships consistent with the administration of County scholarships and will considerably reduce paper work. As a collateral effect, these scholarships will now be continued strictly as University scholarships.

I concur in these recommendations.

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

SCHOLARSHIPS FOR FOREIGN STUDENTS AND DISPLACED PERSONS

(8) A number of American organizations have applied to the University for aid to foreign students and displaced persons. The Campus Chest, a student organization which raises funds for contributions to campaigns for charitable, health, and other welfare enterprises, has been active in aiding students and institutions of higher education in war-devastated countries. Some time ago I appointed a committee of students and members of the faculty, under the chairmanship of the Director of Admissions, who is also Chairman of the Committee on Special Undergraduate Scholarships, to review requests for aid and advice with (a) the Campus Chest, or (b) the University, on those which should be given serious consideration.

The Committee recommends that ten additional scholarships covering tuition, laboratory, library, and supply fee, and Illini Union Building service charge, be established for awards to displaced persons who desire to enroll in the University of Illinois as students and who meet the requirements for admission. The Committee has been advised by the student groups which have been active in this matter that:

1. The Campus Chest is willing to assume the travel expenses of ten displaced persons from the port of entry to Urbana.
2. Board and room accommodations have been found for ten such persons.
3. Various community organizations are being approached with a view toward supplying about $210 a student to meet other necessary expenses.

If necessary a small amount can be assigned from the "President's Fund" in the Illini Achievement Fund.

It is the opinion of the Committee that it will be possible to provide complete living expenses for ten displaced persons. The students will be selected through the National Coordinating Council for the Placement of Displaced Students and through the American Fund for Czechoslovak Refugees, Inc. These organizations will give the University an opportunity to select from a number of candidates.

I concur.

On motion of Mr. Fornof, these scholarships were established as recommended.

GENERAL LABORATORY, LIBRARY, AND SUPPLY FEE FOR CHICAGO PROFESSIONAL COLLEGES

(9) In December, 1942, the Board of Trustees (Minutes, page 207), authorized the establishment of a uniform laboratory, library, and supply fee to be charged students at Urbana-Champaign, replacing the former separate laboratory fees. The present laboratory, library, and supply fee is $8.00 a semester. The Provost

as Chairman of the faculty Committee on Fees and Scholarships recommends this be extended to graduate students in the Chicago Professional Colleges. At present such graduate students are charged a laboratory fee of $5.00 a unit of credit for laboratory courses. He recommends that this be replaced by a laboratory, library, and supply fee of $5.50 a term to be charged all graduate students.

I concur.

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

HONORARY DEGREES

(10) The University policy covering honorary degrees is based on a resolution of the Board of Trustees dated March 11, 1902. It is conservative, but it does not indicate the procedures that may be followed. I feel that the University should continue to be conservative on this matter, but that we should follow a systematic plan in bringing nominations before the Board.

Accordingly I appointed a committee to review the situation and also brought it to the attention of the University Senate, or general faculty, at its meeting on February 14, 1949. The committee made a report to the University Senate on April 4 and the Senate has recommended the following regulations in which I concur:

1. Honorary degrees may be conferred in recognition of eminent achievement in scholarship or of high distinction in public affairs.

2. There shall be a standing committee of the Senate through which all nominations shall be made, and the Senate shall vote on the names submitted to it.

3. Final action will be taken by the Board of Trustees. The degrees approved will be conferred by the President of the University, on behalf of the Board, at a regular commencement or special University celebration.

4. To receive the degree, the recipient must attend the ceremony in person.

In recommending these regulations the Senate also passed the following resolution: "It is the sense of the University Senate that a conservative policy should be maintained in the conferring of honorary degrees."

On motion of Mrs. Holt, these regulations were adopted.

LEGAL SERVICES FOR STAFF HOUSING RESEARCH PROJECT

(11) The construction of staff houses in Urbana for rental to staff and for the research program of the Small Homes Council is to be financed in part by borrowing funds in the estimated amount of $140,000. It appears that the best method of securing those funds would be through a revenue bond issue of the Board of Trustees. In such circumstances 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. Hickman, this recommendation was adopted.

ANNEXATION TO THE CITY OF URBANA AND THE URBANA-CHAMPAIGN SANITARY DISTRICT OF STAFF HOUSING RESEARCH AREA

(12) It is proposed that the staff housing area at the corner of Florida Avenue and Race Street, Urbana, be annexed as parts of the City of Urbana and the Urbana-Champaign Sanitary District.

The advantages to the University are (1) a lower fee for the connection to the utility service lines will probably result; (2) mail service will be extended to the houses, while otherwise occupants would have to go to rural delivery mail boxes at the corner of Florida Avenue and Race Street; (3) since the City of Urbana officials have indicated they desire to extend the city limits to include this area, cooperation on the part of the University would be good public relations.

There is now some confusion in relationship between the Urbana-Champaign

Sanitary District and the Saline Branch Drainage District in this area. Under a court action of February 8, 1949, by which lands within the Urbana-Champaign Sanitary District were detached from the Saline Branch Drainage District, the area south of Florida Avenue and west of Race Street remained a part of the Saline District although not contiguous to its main area. It is suggested, therefore, that the University request the court to order detachment of the area from the Saline District and inclusion in the Urbana-Champaign Sanitary District for storm drainage purposes. The University and the Urbana-Champaign Sanitary District have previously entered into agreements under which the University has assumed its proportionate share of operating costs of the sewage disposal plant. The University has also assumed its proportionate share of improvements which will result in increased service to the University. Annexation of this area to the Urbana-Champaign Sanitary District and removing it from jurisdiction of the Saline Branch Drainage District will, therefore, not result in increased costs or new obligations which the University would not otherwise contemplate assuming.

The Director of the Physical Plant Department, the Coordinator of the Small Homes Council, the Legal Counsel, and the Comptroller recommend:

1. That the Board of Trustees petition the City of Urbana to extend the city limits to include the tract on which the staff houses will be built.

2. That the Board of Trustees petition the court to (a) remove the Saline Branch Drainage District jurisdiction over this area, and (b) include the housing tract in the Urbana-Champaign Sanitary District.

I concur and request that the Legal Counsel be authorized to file the necessary petitions.

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

INSTALLATION OF WATER MAIN ON UNIVERSITY PROPERTY

(13) The Illinois Water Service Company proposes to extend a twenty-inch main across Illinois Field at the north end of the campus at Urbana-Champaign as part of the plan to provide the University with its entire water supply.

The Company will agree to install this main at a time which will not interfere with the normal use of Illinois Field. The Company further agrees to restore the property to a condition satisfactory to the University and to remove the main if in the future it would interfere with any University construction or campus development. The Company also assumes all the maintenance expense and any losses or damage to University property arising from construction work.

The Director of the Physical Plant Department and the Comptroller recommend that the Company be authorized to construct a water main subject to the conditions herein specified.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the necessary agreement with the Company.

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

AWARD OF CONTRACTS

The following items, numbered 14 to 29, were presented and considered together.

On motion of Mr. Nickell, authority to execute the contracts was given as recommended.

LIGHTING CONTRACT FOR AGRONOMY GREENHOUSE

(14) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract in the amount of $4,266 to the Square Deal Electric Company, LaPorte, Indiana, the lowest bidder, for the installation of force lights in the Agronomy Greenhouse Addition.

Funds are available in a special appropriation made by the Board of Trustees for the Agronomy Greenhouse Addition.

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

CONTRACT FOR REMODELING IN ROOM 406 DAVENPORT HALL

(15) The Director of the Physical Plant Department and the Comptroller recommend an addition to the standing contract with Lewis S. Colbert, Champaign, for the remodeling of 406 Davenport Hall at an estimated cost of $6,000. Funds are available in a special appropriation made by the Board of Trustees for this purpose. The remodeling is to make the room available for the Department of Animal Science.

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

CONTRACT FOR EMERGENCY EXITS IN TEMPORARY HOUSING BUILDINGS

(16) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract in the amount of $8,993 to C. A. Petry and Sons, Champaign, the lowest bidder, for the installation of emergency fire doors in each second story unit of the two-story temporary housing buildings. Funds are available.

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

CONTRACT FOR PAINTING IN GALESBURG UNDERGRADUATE DIVISION

(17) The University is obligated under its lease of the former Mayo General Hospital buildings at Galesburg from the War Assets Administration to do certain maintenance work. Bids have recently been secured on exterior painting, caulking, and glazing of certain buildings. This work represents deferred maintenance which was scheduled by the Physical Plant Department following a survey made jointly with representatives of the War Assets Administration in December, 1948, and before the decision to close the Galesburg Division was made.

The Department of Public Welfare has requested the University to go ahead with this work since it represents maintenance chargeable to a period during which the buildings were occupied by the University. The Director of the Physical Plant Department and the Comptroller recommend award of the contract for $18,749.92 to B. W. Anderson, of Galesburg, the lower bidder. Funds are available for this work.

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

CONTRACT FOR ACOUSTICAL TREATMENT IN THE MEDICAL AND DENTAL COLLEGE LABORATORIES BUILDING AT CHICAGO

(18) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for $1,526 to the Airtite Insulation Company, Inc., Chicago, for acoustical treatment of Room 702 (a part of the Anatomy Laboratory) in the First Unit of the Medical and Dental College Laboratories Building. Funds for this work are available in a special appropriation made by the Board of Trustees on January 13, 1949, for equipment and improvements in the College of Medicine.

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

CONTRACT FOR GENERAL LIGHTING OF ANATOMY LABORATORY AT CHICAGO PROFESSIONAL COLLEGES

(19) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for $1,354 to the Construction Electric Company, Chicago, the lowest bidder, for general lighting installation in the Anatomy Laboratory in the First Unit of the Medical and Dental College Laboratories Building at Chicago. Funds for this work are available in a special appropriation made by the Board of Trustees for this purpose.

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

CONTRACT FOR FIRE ALARM SYSTEM IN MEDICAL AND DENTAL COLLEGE LABORATORIES BUILDING AT CHICAGO

(20) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for $15,506 to the B-H Electric Company, Chicago, the lowest bidder, for the installation of a new fire alarm system in the First Unit of the Medical and Dental College Laboratories Building and in the Research and Library Unit. Funds are available in the Physical Plant Department budget for this installation.

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

CONTRACT FOR LIGHTING OF LIBRARY ROOMS AT CHICAGO PROFESSIONAL COLLEGES

(21) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for $1,118.75 to the Hyre Electric Company, Chicago, the lowest bidder, for electrical work to improve the lighting in the library work rooms of the Chicago Professional Colleges. Funds have been appropriated by the Board of Trustees for this purpose.

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

CONTRACT FOR REMODELING IN RESEARCH AND EDUCATIONAL HOSPITALS AT CHICAGO

(22) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for $4,287 to the C. W. Haynes Company, Chicago, the lowest bidder, for remodeling the Otolaryngology Laboratory of the Research and Educational Hospitals in Chicago. Funds have been appropriated by the Board of Trustees for this purpose.

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

CONTRACT FOR SIDEWALKS AND CURBS AT CHICAGO PROFESSIONAL COLLEGES CAMPUS

(23) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for $5,240 to T. A. Rehnquist Company, Chicago, the lowest bidder, for construction of new sidewalks and curbs on the east side of Wood Street between Polk Street and the alley north of Taylor Street and on the south side of Polk Street from Wood Street to the alley.

Funds are available for this construction work.

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

CONTRACT FOR REMODELING PHYSICAL EDUCATION FACILITIES AT CHICAGO UNDERGRADUATE DIVISION

(24) On November 19, 1948, the Board of Trustees appropriated $35,000 for remodeling at Navy Pier to provide additional needed physical education facilities. On January 13, 1949, the Board approved a contract with E. H. Marhoefer, Jr., Company, Chicago, for $12,833 for the first phase of remodeling (general construction work).

The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for $18,500 to the Mueller Construction Company, Chicago, the lower bidder, for the second phase of the remodeling (plumbing, electrical, and other mechanical installations).

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

CONTRACT FOR SHOP LIGHTING AT CHICAGO UNDERGRADUATE DIVISION

(25) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for $4,285 to the B-H Electric Company, Chicago, the lowest bidder for electric lighting installations to replace temporary lighting in the Physical Plant Department Shops at Navy Pier.

Funds are available.

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

AWARD OF CONTRACT FOR LAWN REPAIRS ON TEMPORARY DORMITORY AREA

(26) The Director of the Physical Plant Department and the Comptroller recommend that a contract in the amount of $1,830 be awarded to Martin Ivey, Urbana, the lowest bidder, for repairing the lawn on the temporary dormitory area on the drill field. The lawn was damaged by excavation for installation of a fuel distribution system. Funds are available in the appropriation for temporary student housing.

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

CONTRACT FOR ELECTRICAL DUCT RUN AND NEW UNIT SUBSTATION AT THE CHICAGO ILLINI UNION BUILDING

(27) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for $19,124 to George Swanson and Son, Chicago, the lowest bidder, for an electrical duct run and new unit substation at the Chicago Illini Union as a part of the utilities distribution system. Funds are available.

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

CONTRACT FOR ALTERATIONS TO ELECTRICAL RISERS AND INSTALLATION OF SCRUBBING RECEPTACLES IN THE RESEARCH AND EDUCATIONAL HOSPITALS

(28) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for $8,508.37 to the Hyre Electric Company, Chicago, the lowest bidder for alterations to three electrical risers and the installation of three polarized electrical receptacles in the Research and Educational Hospitals. Funds are available.

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

CONTRACT WITH URBANA-CHAMPAIGN SANITARY DISTRICT

(29) On May 22, 1948, the Board of Trustees approved in principle a program for the construction of a relieving sanitary sewer from Gregory Drive and First Street to Third and Healey Streets in Champaign, to serve the temporary housing area. To expedite the improvement, the University was to construct the sewer and finance the entire cost.

On January 18, 1949, the Executive Committee of the Board approved the award of a contract for the construction of the sewer.

Details of the contract to be executed with the Urbana-Champaign Sanitary District have now been completed. The contract provides:

1. The University will superintend the construction and assume the cost thereof.

2. The University will maintain that portion of the sewer which is located on University property.

3. The University will turn over to the District that portion of sewer not located on University property and the District will maintain this portion.

4. The District will make no further requests from the University for any financial contribution toward the cost of intercepting sewer additions completed by the District in the year 1948, and to which the University has already contributed part of its proportionate share of the cost.

5. The District will submit to the University all plans for future additions to that portion of the sewer turned over to the District. If the University objects to such addition, provision is made for arbitration of the differences.

6. The District guarantees that any sewage discharged through connections hereafter made by the District will not overload the sewer to the extent insufficient capacity will remain for sewage from present or future University buildings in the areas adjacent to this sewer.

The Director of the Physical Plant Department and the Comptroller recommend that such a contract with the Urbana-Champaign Sanitary District be approved.

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

ADDITION TO CONTRACT FOR REPOWERING AND RELIGHTING PHYSICS BUILDING

(30) On November 19, 1948 (Minutes, page 174), the Board of Trustees appropriated funds for repowering and relighting the Physics Building. On March 10, 1949 (Minutes, page 294), the Board approved the award of contract for the installation of an improved primary service to this building.

Funds are also available in the original appropriation by the Board of Trustees for the remodeling, repowering, and relighting of Room 100c and for emergency service to the fourth floor of the Physics Building.

The Director of the Physical Plant Department and the Comptroller recommend that this work be done by the contractors for the general building relighting and repowering as follows:

General work.....Kuhne-Simmons Company, Inc., Champaign.....$1 896
Electrical work.....Square Deal Electric Company, LaPorte, Indiana..... 2 530

I concur and recommend that the Comptroller be authorized to execute these additions to contracts.

On motion of Mr. Livingston, these additions to contracts were authorized as recommended.

TERMINATION OF CONTRACT FOR TEMPORARY HOUSING UNITS AT GALESBURG UNDERGRADUATE DIVISION

(31) With the closing of the Galesburg Undergraduate Division, the University will discontinue operating the temporary housing units under a contract with the Public Housing Administration of the United States. This agency has requested the Board of Trustees to adopt the following resolution:

Whereas, the Board of Trustees of the University of Illinois executed Contract No. WS-5 (S-709) with the War Assets Administration for the property located at Galesburg, Illinois, and known formerly as the Mayo General Hospital, and

Whereas, the Board of Trustees of the University of Illinois executed a contract with the Public Housing Administration on the 5th day of November, 1946, for the operation of certain housing units at the site of the former Mayo General Hospital, and

Whereas, the University of Illinois did notify the War Assets Administration on March 25, 1949, of their intention not to renew the lease for the Mayo General Hospital after September 30, 1949, and

Whereas, the need for the operation by the University of Illinois of the temporary housing units will no longer exist by reason of the termination of the lease for the former Mayo General Hospital,

Be It Therefore Resolved, that the Board of Trustees of the University of Illinois hereby terminates its contract with the Public Housing Administration as of June 30, 1949, subject to the surrender of possession of the various units as vacated by the tenants, but in no event later than September 20, 1949.

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

APPROVAL OF ATHLETIC ASSOCIATION APPROPRIATION

(32) The Board of Directors of the Athletic Association appropriated from the reserve funds of the Association the sum of $851 for the purpose of paying the Northern Trust Company the amount due for handling, during the year ending February 6, 1949, pension and insurance accounts for the Athletic Association.

Approval of this action by the Board of Trustees is required and I so recommend.

On motion of Mr. McLaughlin, this action was approved as recommended.

APPROPRIATION FOR THE CHEMISTRY DEPARTMENT

(33) On March 10, 1949 (Minutes, page 300), the Board of Trustees on recommendation of the Committee on Special Appropriations and Nonrecurring Expenditures appropriated $10,000 for equipment for the Chemistry Department. The Committee also recommended that the possibility of purchasing additional equipment from the appropriation for the new Chemistry and Chemical Engineering Building be considered.

This does not appear feasible and the Committee recommends an additional appropriation of $6,260 from the general funds of the University with the understanding that if any balance remains in the appropriation for the building it will be applied toward equipment purchases.

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

PURCHASES

(34) 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 351).

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

DEPARTMENT OF DAIRY SCIENCE

(35) The Dean of the College of Agriculture recommends that the name of the Department of Dairy Production be changed to the Department of Dairy Science.

I concur.

On motion of Mr. McLaughlin, this change was approved as recommended.

CHANGE IN NAME OF ENGINEERING HALL

(36) When Engineering Hall was built in 1894 it housed all of the Engineering departments, including Physics and Architecture. Since then other quarters have been provided for several of the departments and when the new engineering buildings now under construction are completed only the Department of Civil Engineering will have its office in Engineering Hall. The Dean's offices and the Library will remain in this building and the classrooms in it will, of course, be available to all Engineering departments.

The Dean of the College recommends that the name of the building be changed to "Civil Engineering Hall." The inscription "College of Engineering" which is cut in stone over the entrance will not be changed. Metal letters will be placed over the front entrance to designate the building.

I concur.

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

INVESTMENTS

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

ENDOWMENT FUNDS

Purchases:

U.S. Series G, 2½% Savings Bonds	$10 000 00
U.S. Treasury Notes 1¼%, due January 1, 1950	4 002 90

Sales:

Cleveland Electric Illuminating Company — 100 rights	83 37
Pacific Gas and Electric Company — 200 rights	123 47

STUDENT LOAN FUNDS

Exchanges:

$10,000 U.S. Treasury Notes, 1⅛%, due March 1, 1949, for $10,000 U.S. Treasury Notes 1¼%, due March 1, 1950.

$30,000 U.S. Treasury Notes, 1⅛%, due April 1, 1949, for $30,000 U.S. Treasury Notes 1¼%, due April 1, 1950.

On motion of Mr. McLaughlin, these investments were confirmed.

GRANT-IN-AID FOR SEMINAR IN EDUCATIONAL RADIO AT ROBERT ALLERTON PARK

(38) On March 30, 1949, on the basis of a memorandum prepared by Wilbur Schramm, Director of the Institute of Communications Research, we requested aid from the Rockefeller Foundation to conduct a seminar on educational radio at Robert Allerton Park in the summer of 1949 as follows:

PROPOSED BUDGET FOR SEMINAR ON EDUCATIONAL RADIO

Fellowships for 20 persons		
An average of 1,500 miles travel at 6 cents a mile	$ 90	
Food and lodging during seminar	110	
A television "day" in Chicago	15	
	$215	
20 times $215		$4 300
Consultants		1 500
Contingencies — 10 per cent		580
		$6 380

On April 8 we received word from John Marshall, Associate Director of the Humanities of the Rockefeller Foundation, that the grant-in-aid in the sum of $6,380 had been approved. I recommend acceptance of this grant with acknowledgment to the Rockefeller Foundation.

On motion of Mrs. Holt, this grant was accepted with appreciation.

WORK AT ROBERT ALLERTON PARK

The three following items, numbered 39, 40, and 41, were presented and considered together. After discussion, and on motion of Mr. Hickman, these contracts were referred to the Committee on Buildings and Grounds, with power to act.[1]

PAINTING AT ROBERT ALLERTON PARK

(39) Bids have been secured on exterior and interior painting of the Allerton House, Gate House, and the House in the Woods at Robert Allerton Park. Because of the uncertainty as to the exact amount of work required, bids have been secured on the basis of direct cost of labor and materials, plus a percentage for overhead. Materials would be provided at cost, as specified by the University. Standard insurance coverage would be required.

It is believed undesirable to award the contracts for both exterior and interior painting to the same person, since all contractors have a rather limited number of men available, and it is difficult for any one contractor to accept both contracts and complete them by the date desired, June 1, 1949.

The Office of Nonacademic Personnel has surveyed labor rates in Monticello and reports that there is no single uniform prevailing rate for this class of labor. The rates quoted by the various contractors are all within the ranges of the rates actually paid in this community.

The Director of Robert Allerton Park and the Comptroller recommend that contracts be awarded as follows:

[1] The Committee on Buildings and Grounds, as of May 2, 1949, approved the awards of contracts for work at Robert Allerton Park as recommended by the President on April 21, 1949.

For exterior painting, Emory Warner, Monticello, the lowest bidder, at $1.50 an hour for labor
For interior painting, D. L. Okey, Mansfield, next lowest bidder, at $1.75 an hour for labor
Materials as specified by the University to be furnished at cost; labor and material to be subject to a 10 per cent increase for overhead

The estimate for exterior painting is $3,000 and interior painting, $5,000. Funds to this extent are available in the income from the farm applicable to such expenditures. It is proposed to proceed with the work in the houses involved in the order of priority as listed above and carry out the work to such extent as is possible within these limits of total cost.

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

REMODELING AND REPAIRS AT ALLERTON HOUSE

(40) Bids have been received on remodeling and repairs at Allerton House, for work included in the special appropriation made by the Board on March 10, 1949, in accordance with plans prepared by the University Architect. It consists of remodeling the lower floor from a garage area into a kitchen and food storage area, remodeling the main floor to set up a serving room, and of installing toilets and heating facilities. It is hoped to install additional toilet facilities in the main part of the house and to make some alterations in what was formerly the service wing (in order to increase bedroom capacity) if funds permit. Because of the limitation of funds, the work has been arranged in an order of priority, starting with the kitchen, serving room, dining room, public toilet rooms, and going on to the remodeling in the other parts of the house. The work will be rounded off at the point where funds are exhausted. In order to proceed in this way bids were solicited on a cost plus basis.

Considering all factors, the best bid is listed by Bowman Hardware and Electric of Monticello. The Director of Allerton Park and the Comptroller recommend, after a review of the bids with the Physical Plant Department, that the contract be awarded to this firm at the cost of labor (as per schedule submitted) plus 10 per cent the cost of wholesale materials plus 20 per cent, and the cost of other materials plus 10 per cent, all subject to detailed audit by the University, with a maximum cost of $35,000 for the work to be done. If the work desired can not be completed within this limit, a further report may be made to the Board and an additional appropriation proposed. All work will be supervised by the Consulting Engineer now serving on the Allerton project and by the University Architect's Office.

I concur and recommend approval.

REMODELING AND REPAIR OF HOUSES AT ROBERT ALLERTON PARK

(41) At the present time there are two houses in Robert Allerton Park which are unoccupied and which need to be repaired and remodeled before they can be used. Both are without plumbing or electric wiring. One does not have a heating system and is in need of substantial repairs before it can be used.

The House in the Woods is to be used as one of the residences to be occupied by those attending conferences at Allerton. It has a heating system but does not have electric wiring or plumbing. It will have four bedrooms upstairs and four bedrooms downstairs. Two bathrooms are needed. In addition minor structural changes and wiring are required.

The other house, the gardener's house, on the south end of the property, across the river from Allerton House will be occupied by an employee's family thus giving us more space in the Gate House or in Allerton House itself for overnight guests. This house needs a heating system, bathroom and kitchen, plumbing, and wiring, as well as some major repairs.

Because the work is essentially remodeling, bids have been invited on a cost plus basis. The bids do not include heating, plumbing, or electrical work, for which later recommendations will have to be submitted.

The Director of Allerton Park and the Comptroller, after a review of the bids with the University Architect's Office, recommend that the firm of Hammerschmidt Brothers of Monticello, whose unit rates are lowest, be given a contract

for the general repairs and alterations in these two houses in accordance with their proposal. This firm has done some minor work at Robert Allerton Park, and their work is of good character.

The estimate of all work at the House in the Woods is $5,000 and at the gardener's house, $7,000. Funds are available in the income from the farms which may be applied to these expenditures. There will be income from the use of both houses from which the outlay can gradually be recovered.

I concur and recommend approval.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

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

1. Cages for Animal Hospital at Chicago Professional Colleges	$12 000
2. Remodeling third floor of Davenport House for the National Vocational Guidance Association	2 400
Total	$14 400

I concur.

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

AWARD OF CONTRACT FOR GENERAL WORK IN CONNECTION WITH REMODELING THIRD FLOOR OF ILLINI HALL FOR SPEECH LABORATORY

(43) A separate request has been submitted to the Board of Trustees by the Committee on Special Appropriations and Nonrecurring Expenditures for an appropriation of $39,000 for the above remodeling.

The general work on this project in the amount of $27,400 is of a remodeling character, and it is not feasible to attempt to secure fixed bids.

If the special appropriation is made available for this work, the Director of the Physical Plant Department and the Comptroller recommend that the work be done by Lewis S. Colbert under the terms of his standing contract with the University for minor remodeling.

I concur and request that the Comptroller be authorized to execute the above addition to the standing contract with Lewis S. Colbert for minor remodeling.

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

CONTRACT FOR INTERIOR REMODELING AT THE CHICAGO PROFESSIONAL COLLEGES

(44) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for $4,588 to Frank H. Stowell Company, Chicago, the lowest bidder, for interior building remodeling at the Chicago Professional Colleges to provide a new darkroom for development of photographic plates and films, additional quarters for the internal auditing division of the Business Office, and additional quarters for the Nonacademic Personnel Office. Funds are available.

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

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

COMPTROLLER'S REPORT OF CONTRACTS

(45) The Comptroller's report of contracts executed from March 11 to April 10, 1949 (see Appendix, page 355).

This report was received for record.

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 337).
2. Graduate fellows (page 338).
3. Resignations and declinations (page 344).
4. Retirements (page 345).
5. Report of Treasurer, March 1, 1948, to February 28, 1949 (page 345).
6. The Treasurer's bond (page 347).

The Board adjourned.

H. E. CUNNINGHAM
Secretary

KENNEY E. WILLIAMSON
President

APPENDIX

APPOINTMENTS MADE BY THE PRESIDENT

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

BELCHER, DAVID W., Assistant Professor, Management (Business Management Service), two months beginning July 1, 1949, $6000 a year (3-29-49).

CAPRON, WILLIAM M., Assistant Professor, Economics, academic year beginning September 1, 1949, $4500 (4-9-49).

CHAINSKI, EDWARD, Clinical Assistant Professor, Otolaryngology (Medicine), six months beginning March 1, 1949, without salary (4-7-49).

COCHRAN, JOHN A., Assistant Professor, Economics, academic year beginning September 1, 1949, $4500 (4-9-49).

COMREY, ANDREW L., Assistant Professor, Psychology, two years beginning September 1, 1949, to render service during two semesters of each academic year, $4000 a year (3-24-49).

CONDON, ARNOLD C., Associate Professor, Secretarial Training (Business Organization and Operation), academic year beginning September 1, 1949, $6000 (4-14-49).

CORDIER, HUBERT V., Instructor, Journalism (¾), Radio Station (¼), one year beginning September 1, 1949, $4800 (4-1-49).

DUNN, SAMUEL W., Instructor, Journalism, academic year beginning September 1, 1949, $1800 (4-14-49).

EISENHUTH, GEORGE A., Assistant, Journalism, March 16-June 15, 1949, $288.89 a month, supersedes (4-7-49).

FOSTER, FRED W., Associate Professor, Geography, indefinite tenure beginning September 1, 1949, to render service during two semesters of each academic year, $5500 a year (3-24-49).

HAAS, JOSEPH S., Assistant Professor, Ophthalmology (Medicine) (½), six months beginning March 1, 1949, $2700 a year, supersedes (3-25-49).

HAASE, ERNST, Clinical Assistant Professor, Neurology (Neurology and Neurological Surgery) (Medicine), part time, six months beginning March 1, 1949, $1440 a year, supersedes (3-26-49).

HILTON, HARRY H., Instructor, Aeronautical Engineering (C), academic year beginning September 1, 1949, $3800 (3-24-49).

JOHANNESEN, GRANT, Visiting Lecturer (½), Artist in Residence (½) (Music), Summer Session of 1949, June 20-August 13, 1949, $1300 (3-24-49).

KRAEUTER, KARL, Visiting Lecturer (½), Artist in Residence (½) (Music), Summer Session of 1949, June 20-August 13, 1949, $1300 (3-24-49).

KRAEUTER, PHYLLIS, Visiting Lecturer (½), Artist in Residence (½) (Music), Summer Session of 1949, June 20-August 13, 1949, $1300 (3-24-49).

LANDES, J. L., Assistant, Education (½), Bureau of Research and Service (½), February 1-June 15, 1949, $1200 (3-21-49).

LAWDER, HOMER L., Assistant Professor, Hygiene, and Assistant to the Health Officer (Health Service), one year beginning September 1, 1949, $7200 (4-18-49).

LINK, MRS. HELEN H., Instructor, Humanities (Undergraduate Division in Chicago) (½), second semester of the academic year beginning February 1, 1949, $750 (3-10-49).

MARIENFELD, CARL, Instructor, Pediatrics (Medicine) (¾), six months beginning March 1, 1949, $2532 a year, supersedes (3-21-49).

MARSH, HAROLD, JR., Assistant Professor, Law, academic year beginning September 1, 1949, $6000 (3-29-49).

MAURER, ROBERT J., Associate Professor, Physics (C), two years beginning September 1, 1949, to render service during two semesters of each academic year, $7000 a year (3-12-49).

MCQUITTY, LOUIS L., Associate Professor, Psychology in Labor and Industrial Relations (Liberal Arts and Sciences) (¾), (Institute of Labor and Industrial Relations) (¼), six months beginning March 1, 1949, $4300, supersedes (4-14-49).

MULLEN, HARVEY, Instructor, Engineering Sciences (Undergraduate Division in Galesburg), second semester of the academic year beginning February 1, 1949, $1850, supersedes (3-10-49).

NARUT, LEO F., Clinical Assistant, Medicine (Medicine), February 18-August 31, 1949, without salary (3-21-49).

POLLARD, WILLIAM S., JR., Instructor, Civil Engineering (C), academic year beginning September 1, 1949, $3600 (3-24-49).

PRUZANSKY, SAMUEL, Research Assistant, Orthodontia (Dentistry), one year beginning February 15, 1949, $2500 (4-14-49).

PURNELL, WILLIAM F., Assistant Professor, Agronomy Extension, and Assistant Extension Soil Conservationist (Agronomy) (E), four months beginning March 1, 1949, $5000 a year, supersedes (3-25-49).

REEDY, JEAN H., Research Assistant, Office of Admissions and Records, March 14-August 31, 1949, $2800 a year (3-21-49).

RUTTLE, LAWRENCE D., Instructor, Anesthesia (Surgery) (Medicine) (⅕), four months beginning March 1, 1949, $900 a year (3-25-49).

SCHAFFNER, JOHANNES S., Special Research Associate, Electrical Engineering (S) (¾), seven months beginning February 1, 1949, $2700 a year, supersedes (3-31-49).

SEITZ, FREDERICK, Professor, Physics (Graduate College), indefinite tenure beginning September 1, 1949, to render service during two semesters of each academic year, $11,000 a year (3-12-49).

SITTNER, MRS. MOLLIE, Cataloger, rank of Instructor, Library (⅔), six months beginning March 1, 1949, $2000 a year, supersedes (3-14-49).

SPERO, ARTHUR F., Research Associate, Electrical Engineering (Graduate College), seven months beginning February 1, 1949, $4500 a year, supersedes (3-15-49).

STARK, RUTH, Personnel Technician, Student Counseling Bureau, four months beginning March 1, 1949, $2400 a year (3-26-49).

TAAFFE, E. J., Instructor, Social Sciences (Undergraduate Division in Chicago) (⅓), second semester of the academic year beginning February 1, 1949, $500 (3-10-49).

WEINBERG, BERNHARD J., Clinical Assistant, Medicine (Medicine), February 21-August 31, 1949, without salary (3-21-49).

WRIGHT, R. M., Special Research Assistant Professor, Mechanical Engineering (S), seven months beginning February 1, 1949, $5500 a year, supersedes (4-9-49).

WULFF, VERNER J., Assistant Professor, Physiology (Liberal Arts and Sciences) (½), second semester of the academic year beginning February 1, 1949, and Special Research Assistant Professor, Electrical Engineering (S) (on Y basis) (½), seven months beginning February 1, 1949, $4625 a year, supersedes (3-14-49).

YALE, MRS. HELEN W., Research Assistant, Animal Science (S), seven months beginning February 1, 1949, $2400 a year (3-21-49).

GRADUATE FELLOWS

(The following appointments were made by the President of the University on March 25, 1949, except where otherwise indicated in parenthesis.)

URBANA DEPARTMENTS

Agricultural Economics

ERWIN, CARLOS C., Harry G. and Harriette A. Wright Fellow, nine months beginning September 16, 1949, $850 (4-4-49).

FARRIS, PAUL L., Harry G. and Harriette A. Wright Fellow, nine months beginning September 16, 1949, $700 (4-4-49).

FITZGERALD, WILLIAM L., Harry G. and Harriette A. Wright Fellow, nine months beginning September 16, 1949, $850 (4-4-49).

GUITHER, HAROLD D., Fellow, nine months beginning September 16, 1949, $700.

HARMS, ALFRED G., Fellow, nine months beginning September 16, 1949, $700.

HUNTER, ELMER C., Harry G. and Harriette A. Wright Fellow, nine months beginning September 16, 1949, $850 (4-4-49).

KAO, RICHARD CHIEN-WEN, Fellow, nine months beginning September 16, 1949, $700.

OBAL, THADDEUS J., Harry G. and Harriette A. Wright Fellow, nine months beginning September 16, 1949, $850 (4-4-49).

Agronomy

ALEXANDER, DENTON E., Fellow, nine months beginning September 16, 1949, $1000.
KNOX, ELLIS G., Fellow, nine months beginning September 16, 1949, $700.
MA, RUH-HWA, Fellow, nine months beginning September 16, 1949, $1000.

Animal Science

BURKE, KENNETH A., Fellow, September 16, 1949-January 31, 1950, $500.
CALHOUN, WILLIAM K., Fellow, nine months beginning September 16, 1949, $1000.
NESHEIM, ROBERT O., Fellow, nine months beginning September 16, 1949, $700.
PFANDER, WILLIAM H., Fellow, nine months beginning September 16, 1949, $850.

Bacteriology

COOPER, MURRAY S., Fellow, nine months beginning September 16, 1949, $1000.
HIRSCH, HERBERT M., Fellow, nine months beginning September 16, 1949, $850.
STEINBERG, BERNARD A., Fellow, nine months beginning September 16, 1949, $1000.

Botany

GILBERT, MARGARET L., Fellow, nine months beginning September 16, 1949, $700.
HALL, JOHN W., Fellow, nine months beginning September 16, 1949, $1000.
MCMINN, ROBERT G., Fellow, nine months beginning September 16, 1949, $700.
POITRAS, ADRIAN W., Fellow, nine months beginning September 16, 1949, $1000.
WHITTINGHAM, CHARLES P., Post-Doctoral Fellow, nine months beginning September 16, 1949, $2400.

Ceramic Engineering

HEALY, JAMES H., Fellow, nine months beginning September 16, 1949, $850.
TRIPP, HARLAN P., Fellow, nine months beginning September 16, 1949, $700.

Chemical Engineering

BABB, ALBERT L., Fellow, nine months beginning September 16, 1949, $850.
BATCHELOR, JAMES D., Pittsburgh Consolidation Coal Company Fellow, nine months beginning September 16, 1949, $1250.
CHEN, CHIA-YUNG, Fellow, nine months beginning September 16, 1949, $1000.
COLDREN, CLARKE L., E. I. DuPont de Nemours and Company Fellow, nine months beginning September 16, 1949, $1800.
CRAWFORD, JAMES W., Fellow, nine months beginning September 16, 1949, $700
ECKERT, ROGER E., Special Fellow, nine months beginning September 16, 1949, $100.
HAGENBACH, WILLIAM P., Fellow, September 16, 1949-January 31, 1950, $500.
PARKER, JOHN A., Fellow, nine months beginning September 16, 1949, $700.
ROBB, WALTER L., Pan American Refining Corporation Fellow, nine months beginning September 16, 1949, $1200 (4-8-49).

Chemistry

ANDERSON, JOHN L., Allied Chemical and Dye Corporation Fellow, nine months beginning September 16, 1949, $1200.
BALDWIN, SIDNEY, Fellow, nine months beginning September 16, 1949, $1000.
BANNISTER, ROBERT G., Fellow, nine months beginning September 16, 1949, $1000.
BERGMAN, LILA M., Fellow, nine months beginning September 16, 1949, $700.
BURGSTAHLER, ALBERT W., Fellow, nine months beginning September 16, 1949, $700.
CAMPBELL, WILLIAM W., Fellow, nine months beginning September 16, 1949, $700.
CARNAHAN, ROBERT E., Fellow, nine months beginning September 16, 1949, $1000.
CHU, CHIA-CHEN, Fellow, nine months beginning September 16, 1949, $1000.
COLE, RICHARD, Fellow, nine months beginning September 16, 1949, $1000.
CORAOR, GEORGE R., Fellow, nine months beginning September 16, 1949, $1000.
CRAWFORD, JEAN V., Fellow, September 16, 1949-January 31, 1950, $500.
CURRY, JAMES W., Fellow, nine months beginning September 16, 1949, $700.
DALTON, RICHARD L., Fellow, nine months beginning September 16, 1949, $850.
DEWALD, HORACE A., Eastman Kodak Company Fellow, nine months beginning September 16, 1949, $1200 (4-8-49).

DeWALT, HARRY A., JR., Eli Lilly and Company Fellow, nine months beginning September 16, 1949, $1000.
EMMONS, WILLIAM D., Rohm and Haas Company Fellow, nine months beginning September 16, 1949, $1200.
ENGLUND, BRUCE E., Fellow, September 16, 1949-January 31, 1950, $500.
EVANS, JEAN D., Fellow, nine months beginning September 16, 1949, $700.
FAIRBANKS, CHARLES W., Fellow, nine months beginning September 16, 1949, $1000.
FISCHER, RUDOLPH F., Fellow, nine months beginning September 16, 1949, $1000.
FOSTER, ROBERT L., Fellow, nine months beginning September 16, 1949, $1000.
FRIES, LAURA G., Fellow, nine months beginning September 16, 1949, $700.
GELLER, HENRY C., Fellow, nine months beginning September 16, 1949, $850.
HALLADA, DONALD P., Fellow, nine months beginning September 16, 1949, $1000.
HAUSERMAN, FRANK B., Standard Oil Company of California Fellow, nine months beginning September 16, 1949, $1250.
HEISER, BRUCE A., Fellow, nine months beginning September 16, 1949, $700.
HERRICK, AARON B., Fellow, nine months beginning September 16, 1949, $850.
HILL, H. WAYNE, JR., Allied Chemical and Dye Corporation Fellow, nine months beginning September 16, 1949, $1200.
HILL, RICHARD K., Fellow, nine months beginning September 16, 1949, $700.
KOEPPE, ROGER E., Fellow, September 16, 1949-January 31, 1950, $500.
KOTCH, ALEX, Monsanto Chemical Company Fellow, nine months beginning September 16, 1949, $1200.
McCLELLAND, ALAN L., E. I. DuPont de Nemours and Company Fellow, nine months beginning September 16, 1949, $1800.
MILLER, WILLIAM R., Fellow, nine months beginning September 16, 1949, $1000.
MUMFORD, FRANKLIN E., Fellow, nine months beginning September 16, 1949, $850.
ONDREJCIN, JOHN J., Fellow, September 16, 1949-January 31, 1950, $500.
ONSTOTT, EDWARD I., Fellow, September 16, 1949-January 31, 1950, $500.
PECKHAM, PAUL E., Fellow, nine months beginning September 16, 1949, $700.
PETERSON, JANET B., Fellow, nine months beginning September 16, 1949, $1000.
PINES, SEEMON H., Fellow, nine months beginning September 16, 1949, $1000.
POOS, GEORGE I., Fellow, nine months beginning September 16, 1949, $1000.
REDGATE, EDWARD S., Fellow, nine months beginning September 16, 1949, $700.
RIENER, EDWARD F. C., Fellow, nine months beginning September 16, 1949, $1000.
ROESKE, ROGER W., Fellow, nine months beginning September 16, 1949, $1000.
SCHOWALTER, KENNETH A., Cincinnati Chemical Works Fellow, nine months beginning September 16, 1949, $1000.
SENTZ, ROBERT C., Fellow, nine months beginning September 16, 1949, $1000.
SPERANZA, GEORGE P., Fellow, nine months beginning September 16, 1949, $850.
SWOBODA, THOMAS J., Fellow, September 16, 1949-January 31, 1950, $500.
TAKEMURA, KAZUO H., Fellow, nine months beginning September 16, 1949, $1000.
TANNENBAUM, IRVING R., Socony-Vacuum Oil Company Fellow, nine months beginning September 16, 1949, $1500.
TULLIO, VICTOR, Fellow, nine months beginning September 16, 1949, $700.
WATSON, HAROLD J., Fellow, September 16, 1949-January 31, 1950, $500.
WEIDMAN, KATHARINE R., Fellow, nine months beginning September 16, 1949, $850.
WINNICK, CHARLES N., Standard Oil Company of Indiana Fellow, nine months beginning September 16, 1949, $1200.
WINTERS, MERLE L., Fellow, nine months beginning September 16, 1949, $700.
YAKEL, HARRY L., JR., Fellow, nine months beginning September 16, 1949, $700.

Civil Engineering

BULLOCK, J. C., JR., Fellow, nine months beginning September 16, 1949, $700.
DIAO, KAI-I, Fellow, nine months beginning September 16, 1949, $1000.
McMANUS, RALPH N., Fellow, nine months beginning September 16, 1949, $700.
NAKAMURA, TAKASHI, Fellow, nine months beginning September 16, 1949, $700.
PAN, SAI-LUNG, Fellow, nine months beginning September 16, 1949, $850.
SUAREZ, MARIO G., Fellow, nine months beginning September 16, 1949, $700.
SUN, KING-SANG, Fellow, nine months beginning September 16, 1949, $850.
WANG, PING CHUN, Fellow, nine months beginning September 16, 1949, $1000.
WU, TIEN HSING, Fellow, nine months beginning September 16, 1949, $1000.
YUAN, HSUN-KUANG, Fellow, nine months beginning September 16, 1949, $1000.

Classics

HAGER, WINIFRED J., Fellow, nine months beginning September 16, 1949, $850.
LEVOW, ESTELLE H., Fellow, nine months beginning September 16, 1949, $700.
MCCAIN, IDA H., Fellow, nine months beginning September 16, 1949, $850.

Economics

BENNETT, WILLIAM R., Fellow, nine months beginning September 16, 1949, $1000.
CROSS, BETTY LOU, Fellow, nine months beginning September 16, 1949, $700.
LOH, ARTHUR T. Y., Fellow, nine months beginning September 16, 1949, $850.
PAYNE, JAMES P., JR., Fellow, nine months beginning September 16, 1949, $1000.
SAGAN, JOHN, JR., Fellow, nine months beginning September 16, 1949, $850.

Education

ALBERTS, WILLIAM G., Fellow, nine months beginning September 16, 1949, $700.
GRIBANOVSKY, VIOLA L., Fellow, nine months beginning September 16, 1949, $850.
WILSON, MARGARET L., Fellow, nine months beginning September 16, 1949, $700.

Electrical Engineering

BRENNAN, LAWRENCE E., Fellow, nine months beginning September 16, 1949, $850.
CHEN, HAN K., Fellow, nine months beginning September 16, 1949, $1000.
GHANDHI, SORAB K., Fellow, nine months beginning September 16, 1949, $1000.
HAYNES, MUNRO K., Fellow, nine months beginning September 16, 1949, $1000.
KANG, CHI LUNG, Fellow, nine months beginning September 16, 1949, $850.
KERR, JAMES S. S., Fellow, nine months beginning September 16, 1949, $850.
LIN, CHI-YUNG, Fellow, nine months beginning September 16, 1949, $1000.
LO, YUEN-TZE, Fellow, nine months beginning September 16, 1949, $850.
PHILLIPS, GUY D., Galvin Fellow, nine months beginning September 16, 1949, $750.
ROBERTSON, JAMES E., Westinghouse Educational Foundation Fellow, nine months beginning September 16, 1949, $1000.
SPEISER, AMBROSIUS, Fellow, nine months beginning September 16, 1949, $700.
SUTHERLAND, ALAN D., Fellow, nine months beginning September 16, 1949, $850.
WONG, JAMES Y., Fellow, nine months beginning September 16, 1949, $850.
YOKOHAMA, HIROSHI, Fellow, nine months beginning September 16, 1949, $700.

English

BUCKLER, WILLIAM E., Non-Resident Fellow, nine months beginning September 16, 1949, $2400.
FROST, ORCUTT W., JR., Fellow, nine months beginning September 16, 1949, $700.
GILL, KATHARINE T., Fellow, nine months beginning September 16, 1949, $1000.
GREEN, CATHIE ANN, Fellow, nine months beginning September 16, 1949, $1000.
PROCTOR, LAURA M., Fellow, nine months beginning September 16, 1949, $1000.

Entomology

GARNER, WILLIAM V., Fellow, nine months beginning September 16, 1949, $850.
ROBACK, SELWYN S., Fellow, nine months beginning September 16, 1949, $850.
SOMMERMAN, KATHRYN M., Post-Doctoral Fellow, June 15-October 31, 1949, $1200.
STERNBURG, JAMES G., Fellow, September 16, 1949-January 31, 1950, $350.

French

MINN, JAY P., Fellow, nine months beginning September 16, 1949, $1000.

Geography

BECHT, J. EDWIN, Fellow, nine months beginning September 16, 1949, $850.
DELAUBENFELS, DAVID J., Fellow, nine months beginning September 16, 1949, $700.

Geology

BEST, EDWARD W., Fellow, nine months beginning September 16, 1949, $700.
EVELAND, HARMON E., JR., Fellow, nine months beginning September 16, 1949, $1000.

HARRISON, JACK E., Fellow, nine months beginning September 16, 1949, $850.
LANE, PHILLIP J., The California Company Fellow, nine months beginning September 16, 1949, $1250.
PIERCE, JACK W., Fellow, nine months beginning September 16, 1949, $700.
WEART, RICHARD C., Shell Oil Company Fellow, nine months beginning September 16, 1949, $1200.

German

ARMOUR, GRACE L., Fellow, nine months beginning September 16, 1949, $850.
CRESS, ALLAN M., Fellow, nine months beginning September 16, 1949, $1000.
DUFNER, MAX, Fellow, nine months beginning September 16, 1949, $1000.
MOELLER, JACK R., Fellow, nine months beginning September 16, 1949, $700.

History

CARLSON, EARLAND I., Fellow, nine months beginning September 16, 1949, $700.
CHARLES, SEARLE F., Fellow, nine months beginning September 16, 1949, $850.
GOULD, ROBERT L., Fellow, nine months beginning September 16, 1949, $700.
JONES, ARTHUR W., Fellow, nine months beginning September 16, 1949, $700.
KARRAKER, LOUIS R., Fellow, nine months beginning September 16, 1949, $700.
LARSON, ARTHUR Q., JR., Fellow, September 16, 1949-January 31, 1950, $425.
PABST, LORAINE B., Dean Kendric C. Babcock Fellow, nine months beginning September 16, 1949, $1000.
PALMER, JOHN R., Fellow, nine months beginning September 16, 1949, $700.
RASMUSSEN, ROSABEL, Fellow, nine months beginning September 16, 1949, $700.
TONSOR, STEPHEN J., Fellow, nine months beginning September 16, 1949, $700.

Horticulture

AMES, RALPH W., Fellow, nine months beginning September 16, 1949, $1000.
FAROOQUI, HAMEED M., Fellow, September 16, 1949-January 31, 1950, $500.

Labor and Industrial Relations

HERLEAN, ROGER E., Fellow, nine months beginning September 16, 1949, $700.

Journalism

COOPER, CHARLES G., Fellow, nine months beginning September 16, 1949, $700.

Landscape Architecture (City Planning)

SHEN, YU-LING, Fellow, nine months beginning September 16, 1949, $700.

Library Science

KUMATA, RUTH, Fellow, nine months beginning September 16, 1949, $700.
STEVENS, ROLLAND E., Fellow, nine months beginning September 16, 1949, $1000.

Mathematics

CONRAD, PAUL F., Fellow, nine months beginning September 16, 1949, $850.
EYMAN, EARL D., Fellow, nine months beginning September 16, 1949, $700.
HEISLER, JOHN E., JR., Fellow, nine months beginning September 16, 1949, $700.
HOWARD, WILLIAM A., Fellow, nine months beginning September 16, 1949, $850.
KADOYAMA, MITSURU, Fellow, nine months beginning September 16, 1949, $850.
KUO, KE-CHAN, Fellow, nine months beginning September 16, 1949, $1000.
LIVESAY, GEORGE R., Fellow, nine months beginning September 16, 1949, $1000.
ROSEN, WILLIAM G., Fellow, nine months beginning September 16, 1949, $850.
SANDERSON, JUDSON, JR., Fellow, nine months beginning September 16, 1949, $1000.
SNELL, JAMES L., Fellow, nine months beginning September 16, 1949, $1000.
SPRANKEL, RUTH E., Fellow, nine months beginning September 16, 1949, $700.
SULLIVAN, DONALD L., Fellow, nine months beginning September 16, 1949, $700.
VOGELSANG, VIRGINIA, Fellow, nine months beginning September 16, 1949, $700.

Mechanical Engineering

KAMAT, G. J., Fellow, nine months beginning September 16, 1949, $850.
SHIH, CHENG, Fellow, nine months beginning September 16, 1949, $850.
YEN, SHEE-MANG, Fellow, nine months beginning September 16, 1949, $850.

Music

GERLE, ROBERT, Fellow, nine months beginning September 16, 1949, $700.

Philosophy

HAWORTH, LAWRENCE L., Fellow, nine months beginning September 16, 1949, $700.
HAYNES, THOMAS M., Non-Resident Fellow, nine months beginning September 16, 1949, $2400.

Physics

CURTIS, CYRIL D., Fellow, nine months beginning September 16, 1949, $1000.
DAANEN, JAMES W., Fellow, nine months beginning September 16, 1949, $700.
DESER, STANLEY, Fellow, nine months beginning September 16, 1949, $700.
HOLCOMB, DONALD F., Fellow, nine months beginning September 16, 1949, $700.
KALOS, MALVIN H., Fellow, nine months beginning September 16, 1949, $850.
KERMAN, RALPH O., Fellow, nine months beginning September 16, 1949, $850.
KROMHOUT, ROBERT A., Fellow, nine months beginning September 16, 1949, $850.
MILLS, FREDERICK E., III, Fellow, nine months beginning September 16, 1949, $700.
SCOTT, MERRILL B., Fellow, nine months beginning September 16, 1949, $850.
SEGALL, BENJAMIN, Fellow, nine months beginning September 16, 1949, $850.
STEUBER, WALTER, Fellow, nine months beginning September 16, 1949, $1000.
WHITTEN, HENRY P., Fellow, nine months beginning September 16, 1949, $700.
WORKMAN, ROLLIN W., Fellow, nine months beginning September 16, 1949, $700.
WU, SHI-SHU, Fellow, nine months beginning September 16, 1949, $1000.

Political Science

BLOCK, WILLIAM J., Fellow, nine months beginning September 16, 1949, $850.
BRASINGTON, GEORGE F., JR., Dean Kendric C. Babcock Fellow, nine months beginning September 16, 1949, $1000.
GRIGOROFF, CATHERINE S., Fellow, nine months beginning September 16, 1949, $850.
LIEBENOW, J. GUS, JR., Fellow, nine months beginning September 16, 1949, $700.
MAWHINNEY, EUGENE A., Fellow, nine months beginning September 16, 1949, $850.
NEUBER, FRANK W., Fellow, nine months beginning September 16, 1949, $700.
VANLANDINGHAM, KENNETH E., John A. Fairlie Fellow, nine months beginning September 16, 1949, $1000.
WHITE, JAMES W., Fellow, nine months beginning September 16, 1949, $700.

Psychology

ADELSON, MARVIN, Fellow, nine months beginning September 16, 1949, $850.
DEMAREE, ROBERT G., Fellow, nine months beginning September 16, 1949, $1000.
MCALLISTER, WALLACE R., Fellow, nine months beginning September 16, 1949, $850.

Social Welfare Administration

RIDDELL, LELA B., Fellow, nine months beginning September 16, 1949, $700.

Sociology

CROCKETT, WALTER H., Fellow, nine months beginning September 16, 1949, $850.

Spanish

DARDEN, JOHN A., Fellow, nine months beginning September 16, 1949, $850.
SELTZER, HARRIETT A., Fellow, nine months beginning September 16, 1949, $1000.
UHRHAN, EVELYN E., Fellow, nine months beginning September 16, 1949, $1000.

Speech

EHRHARDT, DOROTHY J., Zeta Phi Eta Fellow, nine months beginning September 16, 1949, $700.

Zoology

ARMITAGE, KENNETH B., Fellow, nine months beginning September 16, 1949, $700.
BURGER, W. LESLIE, Fellow, nine months beginning September 16, 1949, $850.
DANIELS, EDWARD W., Fellow, nine months beginning September 16, 1949, $1000.
ROBERTSON, WILLIAM B., Fellow, nine months beginning September 16, 1949, $850.

CHICAGO DEPARTMENTS

Clinical Science

BENJAMIN, FRED B., Research Fellow, one year beginning January 27, 1949, $2400 (3-21-49).

Dentistry

BOLDEN, THEODORE E., Fellow, one year beginning September 1, 1949, $1800 (4-15-49).
HENRY, JOSEPH L., Fellow, one year beginning July 1, 1949, $1800 (4-15-49).
ZWEMER, JACK D., Fellow, one year beginning July 1, 1949, $1800 (3-17-49).

Medicine

BERRY, ISAAC M., Fellow, one year beginning July 1, 1949, $1800 (4-15-49).
BROPHY, EDMOND M., Fellow, one year beginning September 1, 1949, $1800 (3-17-49).
EDGCOMB, JOHN H., Fellow, one year beginning July 1, 1949, $1800 (4-15-49).
FLOOD, FRANCIS T., Fellow, one year beginning July 1, 1949, $1800 (4-15-49).
LAWS, JOHN F., Fellow, one year beginning September 1, 1949, $1800 (4-15-49).
SCHOENBERGER, JAMES A., Fellow, one year beginning July 1, 1949, $1800 (3-17-49).

Psychiatry

BRANDT, MRS. HELGA, Fellow, eight months beginning February 1, 1949, $1600 (3-21-49).

Surgery

CRANDALL, PAUL H., Fellow, one year beginning July 1, 1949, $1800 (3-17-49).

RESIGNATIONS AND DECLINATIONS

APPLETON, MRS. ELIZABETH, Assistant, Mathematics (Undergraduate Division in Galesburg) — resignation effective 4-8-49.
ARMITAGE, KENNETH B., Fellow, Zoology — declination effective 9-16-49.
BANNISTER, ROBERT G., Fellow, Chemistry — declination effective 9-16-49.
BEST, EDWARD W., Fellow, Geology — declination effective 9-16-49.
BRANSFORD, MRS. JEANNE F., Research Assistant, Provost's Office — resignation effective 5-1-49.
BULLOCK, J. C., JR., Fellow, Civil Engineering — declination effective 9-16-49.
BURGSTAHLER, ALBERT W., Fellow, Chemistry — declination effective 9-16-49.
CONTI, HORACE, Clinical Instructor, Pathology (Medicine) — resignation effective 3-31-49.
COOPER, CHARLES G., Fellow, Journalism — declination effective 9-16-49.
CRAWFORD, JAMES W., Fellow, Chemical Engineering — declination effective 9-16-49.
CRAWFORD, JEAN V., Fellow, Chemistry — declination effective 9-16-49.
CROCKETT, WALTER H., Fellow, Sociology — declination effective 9-16-49.
DALTON, RICHARD L., Fellow, Chemistry — declination effective 9-16-49.
DESER, STANLEY, Fellow, Physics — declination effective 9-16-49.
DEWALT, HARRY A., JR., Eli Lilly and Company Fellow, Chemistry — declination effective 9-16-49.
ENGLUND, BRUCE E., Fellow, Chemistry — declination effective 9-16-49.
EVANS, JEAN D., Fellow, Chemistry — declination effective 9-16-49.
FERGUSON, THOMAS L., Assistant Professor, Journalism — resignation effective noon, 5-20-49.
FRIES, LAURA G., Fellow, Chemistry — declination effective 9-16-49.
GARNER, WILLIAM V., Fellow, Entomology — declination effective 9-16-49.
GIFFORD, MRS. CORNELIA S., Research Assistant, Division of Courses and Curricula (Provost's Office) — resignation effective 5-11-49.
GILBERT, MARGARET L., Fellow, Botany — declination effective 9-16-49.
GOULD, ROBERT L., Fellow, History — declination effective 9-16-49.
HECHTMAN, ROBERT A., Special Research Engineer, Civil Engineering (S) — resignation effective 3-23-49.
HILL, RICHARD K., Fellow, Chemistry — declination effective 9-16-49.
KARRAKER, LOUIS R., Fellow, History — declination effective 9-16-49.
KLINGENBERG, PAUL H., Assistant Professor, Hygiene, and Medical Adviser for Men — resignation effective 8-1-49.

KNIGHT, KENNETH C., Natural History Library Assistant, rank of Instructor — resignation effective 4-1-49.
LEITER, H. A., Special Research Assistant, Physics (C) — resignation effective 4-8-49.
LEVOW, ESTELLE H., Fellow, Classics — declination effective 9-16-49.
LI, RICHARD I-HUA, Fellow, Civil Engineering — resignation effective 3-21-49.
LIVESAY, GEORGE R., Fellow, Mathematics — declination effective 9-16-49.
MCALLISTER, WALLACE R., Fellow, Psychology — declination effective 9-16-49.
MCCAIN, IDA H., Fellow, Classics — declination effective 9-16-49.
MCCLELLAND, ALAN L., E. I. DuPont de Nemours and Company Fellow, Chemistry — declination effective 9-16-49.
MCMINN, ROBERT G., Fellow, Botany — declination effective 9-16-49.
MOELLER, JACK R., Fellow, German — declination effective 9-16-49.
OLSEN, ELIZABETH K., First Assistant, Home Economics (C) — resignation effective 6-1-49.
ONDREJCIN, JOHN J., Fellow, Chemistry — declination effective 9-16-49.
PALITZ, LAURENCE L., Clinical Assistant, Dermatology (Medicine) — resignation effective 2-1-49.
PECKHAM, PAUL E., Fellow, Chemistry — declination effective 9-16-49.
PHILLIPS, GUY D., Galvin Fellow, Electrical Engineering — declination effective 9-16-49.
POOS, GEORGE I., Fellow, Chemistry — declination effective 9-16-49.
REENE, CHARLES W., Scholar, Journalism — resignation effective 2-15-49.
RIDDELL, LELA B., Fellow, Social Welfare Administration — declination effective 9-16-49.
SEGALL, BENJAMIN, Fellow, Physics — declination effective 9-16-49.
SEYFARTH, MRS. JEAN H., Architecture Library Assistant — resignation effective 6-25-49.
STEUBER, WALTER, Fellow, Physics — declination effective 9-16-49.
SUTHERLAND, ALAN D., Fellow, Electrical Engineering — declination effective 9-16-49.
WASSERMAN, EARL, Associate Professor, English — resignation effective 9-1-49.
WHITE, JAMES W., Fellow, Political Science — declination effective 9-16-49.
WORKMAN, ROLLIN W., Fellow, Physics — declination effective 9-16-49.
WU, TIEN HSING, Fellow, Civil Engineering — declination effective 9-16-49.
YAKEL, HARRY L., JR., Fellow, Chemistry — declination effective 9-16-49.

RETIREMENTS

WHEELER, KATHERINE M., Catalog Reviser, Library — retirement effective 9-1-49.

TREASURER'S REPORT

STATEMENT OF RECEIPTS AND DISBURSEMENTS
MARCH 1, 1948, TO FEBRUARY 28, 1949

Urbana-Champaign

Balance March 1, 1948		$ 1 860 350 47
Receipts:		
March, 1948	$2 764 257 20	
April, 1948	2 712 167 09	
May, 1948	1 087 047 17	
June, 1948	1 579 059 70	
July, 1948	2 239 628 76	
August, 1948	954 063 90	
September, 1948	1 728 443 48	
October, 1948	1 184 904 62	
November, 1948	761 806 39	
December, 1948	2 235 363 24	
January, 1949	5 668 300 08	
February, 1949	3 800 782 87	
Total receipts		$26 715 824 50
Total balance and receipts		$28 576 174 97

Disbursements (as per cancelled checks returned to Comptroller):		
March, 1948	$2 249 211 89	
April, 1948	3 455 844 65	
May, 1948	1 337 376 37	
June, 1948	1 167 091 44	
July, 1948	2 228 837 41	
August, 1948	889 063 51	
September, 1948	1 412 282 77	
October, 1948	1 721 691 80	
November, 1948	1 242 160 22	
December, 1948	1 238 319 57	
January, 1949	3 488 820 31	
February, 1949	4 709 817 33	
Total disbursements		$25 140 517 27
Balance on hand, February 28, 1949 (on deposit at First National Bank of Chicago)		$ 3 435 657 70

Chicago

Balance March 1, 1948		$ 194 471 10
Receipts:		
March, 1948	$ 406 894 11	
April, 1948	479 303 46	
May, 1948	722 421 64	
June, 1948	310 365 53	
July, 1948	393 839 44	
August, 1948	364 646 41	
September, 1948	449 054 44	
October, 1948	500 799 17	
November, 1948	202 662 65	
December, 1948	765 196 84	
January, 1949	1 379 483 11	
February, 1949	437 621 32	
Total receipts		$ 6 412 288 12
Total balance and receipts		$ 6 606 759 22
Disbursements (as per cancelled checks returned to Comptroller):		
March, 1948	$ 370 717 74	
April, 1948	359 082 60	
May, 1948	703 852 30	
June, 1948	326 038 35	
July, 1948	386 808 14	
August, 1948	342 120 97	
September, 1948	464 024 92	
October, 1948	478 683 15	
November, 1948	337 171 06	
December, 1948	575 307 24	
January, 1949	926 760 11	
February, 1949	480 934 90	
Total disbursements		$ 5 751 501 48
Balance on hand, February 28, 1949 (on deposit at First National Bank of Chicago)		$ 855 257 74

Galesburg

Balance March 1, 1948		$ 71 468 81
Receipts:		
March, 1948	$ 70 608 38	
April, 1948	75 538 20	
May, 1948	78 502 35	
June, 1948	170 881 13	
July, 1948	54 880 22	
August, 1948	21 846 52	
September, 1948	117 195 72	
October, 1948	198 937 42	
November, 1948	50 190 43	
December, 1948	46 267 33	
January, 1949	50 552 24	
February, 1949	96 559 45	
Total receipts		$ 1 031 959 39
Total balance and receipts		$ 1 103 428 20
Disbursements (as per cancelled checks returned to Comptroller):		
March, 1948	$ 100 192 04	
April, 1948	80 867 64	
May, 1948	74 399 09	
June, 1948	140 561 56	
July, 1948	56 490 60	
August, 1948	19 990 79	
September, 1948	93 438 48	
October, 1948	185 088 11	
November, 1948	57 096 85	
December, 1948	74 423 28	
January, 1949	48 996 62	
February, 1949	92 277 48	
Total disbursements		$ 1 023 822 54
Balance on hand, February 28, 1949 (on deposit at First National Bank of Chicago)		$ 79 605 66
Total balance, February 28, 1949		$ 4 370 521 10

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

TREASURER'S BOND

Know all men by these presents, that we, IRVIN L. PORTER, as Principal, and EDWARD E. BROWN, JAMES B. FORGAN, and BENTLEY G. MCCLOUD of Chicago, Illinois, as Sureties, are held and firmly bound unto the BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, in the penal sum of *Three Million Dollars* ($3,000,000), lawful money of the United States of America, for the payment of which sum well and truly to be made, we bind ourselves, our respective heirs, executors, administrators and assigns and each of them, by these presents.

The condition of the obligation is such that:

Whereas, the above bounden IRVIN L. PORTER was on the 10th day of March, A.D. 1949, duly elected by the Board of Trustees of the University of Illinois to the Office of Treasurer of the University of Illinois for a term of two years:

Now therefore, if the said IRVIN L. PORTER shall well and truly perform and faithfully discharge the duties of Treasurer of said University of Illinois, during his term of Office, and shall faithfully keep and truly account for all moneys, bonds, securities or other property coming into his hands as such Treasurer, during his term of Office, and shall pay when properly drawn and presented to him all warrants authorized by the Board of Trustees of the University of Illinois, drawn against funds in his hands belonging to the said University of Illinois, and at the expiration of his term of office, on due request to him, shall pay over and deliver to his successor in office, or to any other person duly authorized by the Board of Trustees of said University of Illinois to receive the same, all moneys,

bonds, securities or any other property received by him as such Treasurer and not otherwise paid out or disposed of as aforesaid, and shall deliver to his successor in office, or any other person appointed to receive the same, the property, papers and other things in his hands belonging to said office, and shall at the expiration of his term of office, or oftener, if thereunto requested by the Board of Trustees of the said University of Illinois, render a just and true account of his doings as such Treasurer, then this obligation shall be null and void; otherwise to remain in full force and effect.

Witness our hands and seals, this 25th day of March, A.D. 1949.

IRVIN L. PORTER, *Principal*
EDWARD E. BROWN, *Surety*
JAMES B. FORGAN, *Surety*
BENTLEY G. MCCLOUD, *Surety*

APPROVED:
WILLIAM E. BRITTON,
University Counsel

STATE OF ILLINOIS } SS
COUNTY OF COOK }

I, C. Edward Dahlin, a Notary Public in and for said County in the State aforesaid, do hereby certify that IRVIN L. PORTER, EDWARD E. BROWN, JAMES B. FORGAN and BENTLEY G. MCCLOUD, who are personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this 25th day of March, 1949.

C. EDWARD DAHLIN
Notary Public

My Commission expires September 1, 1949

SCHOOL OF NURSING

In order to secure improved facilities for the education of nurses, to increase the number of students in process of education, and to effect a more economical use of space that is already available, thus obviating the need for the immediate construction of a residence for nurses and of a building for a School of Nursing, an affiliation between the University of Illinois School of Nursing and the Cook County School of Nursing is proposed, this affiliation to be supplemented by the hospital facilities of the University and of the Cook County Hospital, and by affiliation with the Presbyterian Hospital, St. Luke's Hospital, and such other hospitals as the scope of the program may require.

Aside from good educational policy, the immediate occasion for the proposed affiliation is as follows: Immediately adjacent to the Cook County Hospital and the University of Illinois Chicago Professional Colleges, there is an excellent Nurses Residence with 820 rooms. At the present time, 545 rooms are occupied by student nurses, staff members, and others. The remaining rooms in the number of 275 are vacant. The University of Illinois originally included in its capital budget for 1949-1951, a request for $1,600,000 for a nurses residence. There is a proposal to request a further item in the 1951-1953 budget for a College or School of Nursing building. Good economy suggests an arrangement whereby existing facilities be used to the maximum before further construction is undertaken. The proposed affiliation would lead to this economy.

In order to effect the proposed affiliation, the following actions are necessary:

1. An agreement between the Board of Trustees of the University of Illinois and the Board of Trustees of the Cook County School of Nursing which will provide for:

a. The appointment of qualified staff members, including if mutually agreeable, the Director or Dean of the Cook County School of Nursing, to the staff of the University of Illinois School of Nursing on a nonsalaried basis.

b. The distribution of student nurses for hospital instruction between the Cook County Hospital and the University of Illinois Hospitals (Research and Educational Hospitals) shall be made according to the ratio of the normal bed complement of the two hospitals which at present is approximately 3,400 for the former and 500 for the latter; i.e., according to the present number of beds 85 per cent of the student nurses in each class will receive hospital instruction at Cook County and 15 per cent at the University of Illinois.

c. The University will pay the Cook County School of Nursing for the meals (if taken) and room of those students (15 per cent of each class) who will receive hospital instruction at the University of Illinois Hospitals. (The present rate is $30 a month for meals and $35 a month for room.)

d. The University will reimburse the Cook County School of Nursing for the cost of instruction of 15 per cent of the student nurses in each class, the cost of instruction being calculated from the salary paid the teachers and the materials and supplies used in the laboratories and excluding any administrative overhead.

2. Recommendation by the Senate Committee on Educational Policy and approval by the University Senate and by the Board of Trustees to adopt in principle (a) the present student admission requirements and (b) the present curriculum of the Cook County School of Nursing.

3. Recommendation by the Senate Committee on Educational Policy and approval by the University Senate and by the Board of Trustees to authorize the degree of Bachelor of Science in Nursing on the completion of the curriculum.

4. Admission requirements (present requirements of the Cook County School of Nursing) for candidates for the course leading to the Diploma in Nursing and for the course leading to baccalaureate degree and the Diploma in Nursing.

a. Accreditation of high schools.

(1) Candidates for admission to the Cook County School of Nursing as graduates must be graduated from an accredited four-year high school or present equivalent educational preparation.

(2) Certificates in proper form are accepted from schools accredited by the Middle States Association of Colleges and Secondary Schools, New England College Admissions Board, North Central Association of Colleges and Secondary Schools, Northwest Association of Secondary and Higher Schools, Southern Association of Colleges and Secondary Schools, Western Association of Colleges and Secondary Schools, and the Board of Regents of the University of the State of New York for college entrance requirement.

b. Subject requirements. Sixteen units of credit are required. Any one of the following patterns of the high school program is acceptable.

Required			10½ units
English, three years			3 units
A foreign language, two years			2 units
Mathematics (algebra, general mathematics, commercial arithmetic, or geometry)	2 units	or	A three-unit and a two-unit group chosen from mathematics, history, biological, physical, or social sciences — 5 units
History	1 unit		
Civics, economics, or social science	½ unit		
Science, two years (including biology or general science, and a second science, preferably chemistry or applied chemistry or physics)	2 units		
Electives			5½ or 6 units
(Sufficient electives to make up the full four-year course aggregating 16 units. Not more than 5 units may be chosen from any one field and only 3 may be commercial subjects.)			
Required			9 or 9½ units
English, four years (one unit may be in public speaking, journalism, or drama)			4 units

Mathematics (algebra, general mathematics, commercial arithmetic, or geometry)	2 units	or	A three-unit and a two-unit group chosen from foreign language, mathematics, history, biological, physical, or social sciences 5 units
History	1 unit		
Civics, economics, or social science	½ unit		
Science, two years (including biology or general science and a second science, preferably chemistry or applied chemistry or physics)	2 units		
Electives			6½ or 7 units

c. Average grade requirement. Emphasis is placed upon high scholastic attainments of applicants and selection is made from students ranking in the upper half of their classes and on the basis of information revealed by psychometric tests. It is expected that candidates have the ability to carry work on a college level.

5. Curriculum of Cook County School of Nursing. The curriculum is standard for all schools approved by the National League of Nursing Education. It consists of the usual amounts of basic science including anatomy, physiology, chemistry, microbiology, pharmacology, and the chemistry of nutrition, a substantial block of social science, and the principles of medicine and medical nursing. It is presently deficient in the humanities. The last year and a half consist of both didactic and practical work in nursing with increasing emphasis on nursing in the hospital and in the community and the techniques associated therewith.

The course can be completed in a period, varying from 28 to 36 months in length, depending upon the student's previous academic preparation.

6. Recommendation by the University Committee on Fees and Scholarships and approval by the Board of Trustees to adopt the present scale of fees of the Cook County School of Nursing. (Note: The Committee has already taken action to adopt this proposal in principle.)

7. It is understood that the Vice-President in charge of the Chicago Professional Colleges may initiate, in consultation with the Dean or Director of the Schools of Nursing,

a. Recommendations for new staff members or replacements for the united schools;

b. Changes in curriculum;

c. Changes in fee schedules;

d. Effective methods of supervision of the courses of instruction; each of these items being subject to study and further action by the appropriate University agencies.

8. The agreements reached in these several respects shall hold for the biennium of 1949-1951 and are subject to review before the next biennial period.

9. The Senate Committee on Educational Policy will recommend the adoption in principle of the following pre-professional curriculum, admission requirements for which must meet the entrance requirements of the College of Liberal Arts and Sciences general curriculum and the requirements for the respective courses in the curriculum:

Pre-professional courses as specified. A minimum of sixty semester hours as outlined below. No degree shall be granted unless the student qualifies for the State Board examination.

Minimum Requirements	*Semester Hours*
Rhetoric and Composition	6
Social Science (introductory course in Sociology and Psychology)	12
Humanities (general course)	6
Chemistry (one year general and one semester organic)	10
Biological Sciences (including course in Bacteriology)	8
Physics	4
(It is expected that a student will have a general knowledge of the major topics in physics which may be covered in a special course designed for the program or from a full year of college physics.)	

Electives..... 14
(One year of foreign language is recommended.)
Plus completion of the course in nursing in the University of Illinois School of Nursing.

PURCHASES

A. Purchases Authorized

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

Item	*Department*	*Vendor*	*Cost*
12,000 lbs. 29-gauge Armco Trancor XXX sheet steel	Physics	American Rolling Mill, Chicago	$1 860 00
35,000 copies Undergraduate Study Catalog	University Press	Interstate Printers & Publishers, Inc., Danville	13 953 30 f.o.b. Urbana
20,000 copies Summer Session Time Table	University Press	Interstate Printers & Publishers, Inc., Danville	1 473 00 f.o.b. Urbana
47,120 resistors of various sizes for use in the construction of the electronic digital computor	Graduate College, Computor	Allen Bradley Co., Chicago	4 865 50
7,400 coil forms with powdered core 1" long instead of the standard ½", with powdered iron shield consisting of a sleeve closed at one end by a washer; sleeve dimensions 1/0 ⅞", length 2", wall thickness ⅛", washer to be ⅛" thick; coil content, iron mix for 100 KC operation aluminum shield to be modified to accommodate the powdered iron shield; adjusting screw connected to pin 1 is parallel with outer shield case instead of pin 2	Electrical Engineering	James Millen Manufacturing Co., Inc., Malden, Mass.	9 472 00 f.o.b. Malden
30,000 copies Time Table, fall semester 1949-1950	University Press	Interstate Printers & Publishers, Inc., Danville	4 985 60 f.o.b. Urbana
200 yds. (approximately) carpeting for installation at Robert Allerton Park	Robert Allerton Park	Mandel Brothers, Chicago	1 988 15 f.o.b. Chicago
40 36x36 dining tables with real-wood formica tops; 160 dining chairs with seat and back upholstered with "Duran"	Robert Allerton Park	Mandel Brothers, Chicago	3 605 60 f.o.b. delivered
Eight No. 6218 Willett cherry poster beds; 8 No. 6533 ditto chairs; 6 No. 6204 ditto dresser bases; 6 No. 6235 Willett oval mirrors with cherry frames; 6 No. 6210 Willett cherry night tables	Robert Allerton Park	L. B. Herbst Corp., Chicago	1 156 76 f.o.b. delivered
95 assorted lamps; 6 saud urns	Robert Allerton Park	L. B. Herbst Corp., Chicago	1 449 38 f.o.b. Chicago
Draperies to be installed at Robert Allerton Park	Robert Allerton Park	W. Lewis & Co., Champaign	2 570 70
30-qt. mixer and attachments, dish washing machine, plate and dish warmer, utensil rack (oiling type), platform kitchen truck, tray service truck, dish washing tables, griddle and broiler, serving room table, pot and pan rack, pot and pan sink, 2 bakery tables, water urn, urn stand, frialator, meat block, two ranges, vegetable sink, peeler, cold pan, bake oven	Robert Allerton Park	Swain & Myers, Inc., Decatur	9 350 34 delivered and installed
Walk-in refrigerator 6'x8'x7'6" with ¾ hp compressor	Robert Allerton Park	Swain & Myers, Inc., Decatur	1 103 11 f.o.b. installed
163 five-lb. CO_2 fire extinguishers	Residence Halls	Danville Industrial Supply Co., Danville	4 148 19

Item	*Department*	*Vendor*	*Cost*
One choke coil having a minimum induction of 60 millihenries, for use in the 300 MEV betatron	Physics	Murray Manufacturing Corp., Brooklyn, N.Y.	3 120 00 f.o.b. Brooklyn
36 beds, 36 side chairs, 24 dresser desks, 24 mirrors	Robert Allerton Park	Mandel Brothers, Chicago	2 936 99 f.o.b. Rockford

B. Purchases Recommended

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

Item	*Department*	*Vendor*	*Cost*
One 120,000 lb. Universal testing machine complete with motors, controls, and accessories	Aeronautical Engineering	Baldwin Locomotive Works, Chicago	$ 9 455 00
One 5′ engine drive harvester thresher	Agronomy	International Harvester Co., Kankakee	1 142 70 f.o.b. East Moline
One vibration calibrator and exciter including oscillater, amplifier, and power supply	Theoretical and Applied Mechanics	M. B. Manufacturing Co., New Haven, Conn.	2 980 00 f.o.b. New Haven
13 center type clinic cabinets, dental, to match cabinets in the ninth floor clinic	Dental Clinics	Sherman-Reynolds, Inc., Chicago	8 125 00 f.o.b. delivered
One isodynamic separator	Geology	S. G. Frantz Co., Inc., New York City	1 600 00 f.o.b. New York City
100 12″x18″x72″ gray steel lockers	Library	Jack Sheean, Bloomington	1 207 00 f.o.b. delivered and assembled
Rental of tents for 4-H Memorial Camp from June 27 to August 6, 1949	Extension Service in Agriculture and Home Economics	Danville Tent & Awning Co., Danville	1 732 50
One 1½ ton truck with stake body to replace 1934 1½ ton Ford truck	Agronomy	Harden Motor Co., Tolono	1 501 38
Nursing lining out stock: 12 Taxus Media Browne 4′-5′ Spruce; 25 Taxus Cuspidata 3′-4′; 26 Juniperus Pfitzeriana 2′-3′	Physical Plant	Charles Fiore Nursery, Prairie View	1 054 00
One sound spectrograph with frequency range 85 to 8,000 cps., time length of record 2.4 seconds, record paper size 5″x12″. complete with power supply, control panel, and recording mechanism	Speech	Kay Electric Co., Pinebrook, N.J.	1 595 00 f.o.b. Pinebrook
100 dozen 72″x108″ type 140 white sheets, 68x72 thread count	McKinley Hospital	Rice-Stix Dry Goods Co., St. Louis, Mo.	2 484 00 f.o.b. Urbana
50 dozen 42″x36″ type 140 white pillow tubing, 68x72 thread count; 50 dozen 81″x99″ white crinkled bed spreads	McKinley Hospital	L. B. Herbst Corp., Chicago	2 056 32 f.o.b. Urbana
One precision polarimeter with micro attachment with accessories; one sodium lamp for polarimeter	Chemistry	W. H. Kessel & Co., Chicago	2 186 50
Four laboratory bottle shakers, motor operated, 115 volt 60 cycle	Chemistry	Wilkens-Anderson Co., Chicago	1 064 80
One 1949 model 170 Cessna four-place airplane	Institute of Aviation	Walston Aviation, East Alton	3 400 00
15 36″x60″ special drawing tables made to our specifications	Art	Jack Sheean, Bloomington	1 061 25
500 gm. dl-alpha-alamine; 200 gm. dl-serine; 2x4 oz. l (-) cystine reagent; 300 gm. dl-valine; 1500 gm. l (-) leucine; 2000 gm. dl-isoleucine; 1000 gm. dl-methionine; 1500 gm. dl-threonine; 1500 gm. dl-phenylalanine; 700 gm. l (-) tyrosine; 200 gm. l (-) proline; 2000 gm. l (+) glutamic acid	Chemistry	Merck & Co., Rahway, N.J.	2 552 95

Item	*Department*	*Vendor*	*Cost*
1,680 rods 32″ woven wire fencing; 12 80-rod spools barbed wire	Agricultural Administration	Dealers Sales Co., Danville	1 175 78 f.o.b. Robbs
One portable refrigerated centrifuge, International Equipment Co. model PR-1, No. 180, 115 volt AC, 60 cycles, with accessories	Psychiatry	Central Scientific Co., Chicago	2 182 10
15 Spencer No. 33 MH or Bausch and Lomb No. BA8 monocular medical microscopes with triple nosepiece in 16 mm., 4 mm., and 1.8 mm. oil immersion objectives 10X eyepiece only, condenser and mechanical stage, less carrying cases	College of Pharmacy	Chicago Apparatus Co., Chicago	3 471 65
One 42″ direct process printer for copying from translucent material	General Engineering Drawing	Ozalid Division, General Aniline & Film Corp., Chicago	1 514 70 f.o.b. Johnson City, N.Y.
Five balances, laboratory, analytical, chainweight with magnetic damper, capacity 200 grams, sensitivity 1/20 gram at full load	Chemistry	Chicago Apparatus Co., Chicago	1 846 00
40 head good quality feeder steers weighing approximately 600 lbs.	Animal Science	Professor F. C. Francis will negotiate for the purchase	7 000 00 (approximately)
40 60″x32″ full quartered oak executive desks to be placed in stock and sold to departments as required	Office Supply Store	Lincoln Office Supply, Lincoln	2 572 00 f.o.b. factory
45 cases sulfuric acid, 20 cases acetic acid, 45 cases hydrochloric acid, 35 cases nitric acid, 35 cases ammonium hydroxide (all Reagent)	General Chemical Stores	General Chemical Co., Chicago	1 951 94
One milk solids tester with rheostat and thermostat control upon the vacuum ovens	Food Technology	Mojonnier Brothers Co., Chicago	2 091 00 f.o.b. Chicago
Accessory equipment for the Offner electroencephalograph: 3 amplifiers, 3 crystographs, and 9 cables, to complement the present installation in the Physical Medicine Department	Physical Medicine	Offner Electronics, Inc., Chicago	1 214 82 delivered and installed
One combination impact testing machine with tools for Izod and Charpy for capacities of 110-220 ft. lbs. and to include an additional pendulum hammer for capacities of 30-60 ft. lbs.; to be interchangeable with 110-220 ft. lbs. pendulum hammer; with dial having four scale ranges as follows: 0 to 220 ft. lb. graduated into units for 1 ft. lb.; 0 to 110 ft. lb. graduated into units of 1 ft. lb.; 0 to 60 ft. lb. graduated into units of ¼ ft. lb.; 0 to 30 ft. lb. graduated into units of ⅛ ft. lb.	Civil Engineering	Riehle Testing Machines Division, American Machine & Metals, Inc., East Moline	2 120 58 f.o.b. Urbana
One 80-qt. gear drive mixer with standard attachments	Residence Halls	Hobart Sales Agency, Springfield	1 593 68
¼″ tan carpet to be installed on running track in Men's Old Gymnasium	Physical Plant	A. D. Sackett, Champaign	1 550 00
One farm tractor to replace tractor lost in fire at Newton Experiment Field	Agronomy	H. M. Crews & Son, Newton	1 350 00
One laboratory fume hood and cabinet unit	Electrical Engineering	Walrus Manufacturing Co., Decatur	1 202 00
Furnish labor and material to repair two silos at the University South Farm	Physical Plant	John D. Bolton & Co., Evanston	1 453 00
One spectrophotometer, recording in optical density	Chemistry	Applied Physics Corp., Pasadena, Calif.	7 700 00 f.o.b. Pasadena
One polaragraph—model XX Sargent No. 29303	College of Pharmacy	E. H. Sargent & Co., Chicago	1 650 00

Item	*Department*	*Vendor*	*Cost*
One 21″x28″ single color offset printing press complete with motor and starter; one set of equipment for making plates	Print Shop	Harris-Seybold Co., Chicago	14 665 64 f.o.b. Dayton, Ohio
One fireproof canvas to cover area in our specifications and blueprint for girls gymnasium at Navy Pier	Chicago Undergraduate Division, Physical Plant	Admiral Canvas Co., Chicago	2 520 00
Draperies for new Women's Residence Hall student rooms	Residence Halls	W. Lewis & Co., Champaign	6 289 50
One 85 gal. per hour capacity continuous ice cream freezer with electric equipment	Food Technology	Cherry-Burrell Corp., Chicago	3 775 22 f.o.b. Cedar Rapids, Iowa
550 cases paper towels; 350 cases toilet tissue, 2,000 sheet rolls, 50 rolls per case; 50 cases toilet tissue, 1,000 sheet rolls, 100 rolls per case	Physical Plant	Duckett Paper Co., Champaign	5 505 50
631 single bit 4 lb. axes with No. 1 36″ handle; handles to be enameled and lettered "U. of I. for Fire Use Only"	Physical Plant	Black & Co., Champaign	1 457 58
Four steel drawer sections 4′2¼″x 9′1″x3′, 184 drawers; 4 steel drawer sections 4′2¼″x3′4″x2′, 56 drawers; to have linoleum top with stainless steel binding	Botany	Jack Sheean, Bloomington	4 082 90
4,000 lbs. 25x38 60 lb. white enamel book paper	Office Supply Store	Bradner Smith & Co., Chicago	6 280 00
One 16 mm. Fastex camera	Engineering Experiment Station	Western Electric Co., New York City	1 450 00
48 units 36″x78″ grey steel book shelving for private offices in the new Mechanical Engineering Building	Mechanical Engineering	W. B. Read & Co., Bloomington	1 659 25
One quartz spectrophotometer with accessory kit	Chemistry, College of Pharmacy	Chicago Apparatus Co., Chicago	1 350 00
One 32′x72′ steel building to be erected on site east of present Office Supply Warehouse, for use as receiving station and warehouse	Purchasing Office	Harshbarger Building & Supply Co., Urbana	12 325 40
6,000 board feet 2″ clear northern white pine, rough, kiln dried—6″ and wider in 10′-16′ lengths; 6,000 board feet 1¼″ ditto	Physical Plant	White Pine Lumber Co., Chicago	4 248 00
One glass working lathe complete with standard equipment, all speed drive and universal chuck	Physics	Litton Engineering Labs., Redwood City, Calif.	4 895 00 f.o.b. San Carlos, Calif.
One 1949 Chevrolet 2½ ton truck, van type with conventional cab. Less allowance on 1936 International 2½ ton van truck.	Physical Plant	Sullivan Chevrolet Co., Champaign	2 714 35
One 10″ variable speed, sensitive precision toolmakers lathe with 3 hp 220/440/3/60 variable voltage motor; speed range 25 to 2500 r.p.m. through V belts and 4 to 400 r.p.m. through back gears; Sjogren collet attachment, collets, taper attachment and metric transposing gears	Physics	Monarch Machine Tool Co., Sidney, Ohio	5 778 00 f.o.b. Sidney, Ohio
One milling machine with 5 hp 220/3/60 motor, midgetmill, overarm and overarm cradle, arbor of 1″ diameter and 12″ shoulder to nut, 1 arbor 1″ diameter 18″ shoulder to nut	Physics	Jackson-Fotsch Co., Chicago	6 371 90 f.o.b. Milwaukee
One 3′x11″ radial drill of 1¼″ capacity and No. 4 Morse taper spindle, traverse travel at least 25″, arm travel at least 21″, 2 hp 220/3/60 motor, 1200 r.p.m. with 8 spindle speeds from 60 to 1200 r.p.m., box type table and double back gears	Chemistry	Canedy-Otto Manufacturing Co., Chicago Heights	4 019 50 f.o.b. Chicago Heights

Item	*Department*	*Vendor*	*Cost*
One lathe with 18" swing and 72" between centers, 12 spindle speeds 14 to 345, compound rest, round tool post, large and small face plates, thread chasing dial, automatic length stop, steady rest, follow rest, centers, wrenches and 208/3/60 motor with controls	Chemistry	Joseph Behr & Sons, Rockford	5 497 00 f.o.b. Cincinnati, Ohio
One rebuilt No. 2 high speed, dial type milling machine with 7½ hp 3 ph, 60 cycle motor 208 V, one high number index attachment for dividing head, one 6" 3 jaw universal chuck, one 50 1A-18-4 Arbor, and one motor driven overarm attachment with 1½ hp 208/3/60 cycle motor for 9 spindle speeds from 100 to 1030 r.p.m.	Chemistry	Peoria Tool & Engineering Co., Peoria	9 500 00 f.o.b. Chicago
One 15" lathe with 42" centers, 6' bed complete with all standard equipment and 12 speed gear and belt driven head 3 hp, 208/3/60 cycle open type motor, magnetic starter with forward, reverse and stop drum switch, small face plate, graduated compound rest; chip pan and safety clutch on feed drive mechanism	Chemistry	R. K. LeBlond Machine Tool Co., Chicago	3 955 46 f.o.b. Cincinnati, Ohio
16,000 board feet 2x4 fir No. 2 and better in 8 to 20; 10,000 board feet 2x6 fir No. 2 and better in 8 to 20; 2,000 board feet 2x8 fir No. 2 and better in 8 to 20; 2,000 board feet 2x10 fir No. 2 and better in 8 to 20	University of Illinois Foundation	Frank Paxton Lumber Co., Chicago	2 356 00 f.o.b. Amenia Siding, Monticello
One comminuting machine complete with 3 hp 220/440/3/60 1750 r.p.m. motor with thermal protected starter, 7 stainless steel screens, all required sheaves for speeds of 1000, 2250, and 4600 r.p.m.	Food Technology	Fitz Mill Corp., Chicago	1 053 86 f.o.b. Chicago
One 1949 1½ ton van truck. Less allowance on 1936 Chevrolet 1½ ton van truck No. 284.	Physical Plant	Dillavou & Bland, Urbana	2 344 39
One 8-channel console model electroencephalograph, complete	Psychiatry, Medicine	Grass Instrument Co., Quincy, Mass.	3 700 00 f.o.b. Quincy

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED MARCH 11, 1949, TO APRIL 10, 1949

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
Navy Department	N-171 S-85760	$ 500 00	August 31, 1948
Navy Department, Office of Naval Research	N6 ori-07123	6 480 00	January 14, 1949
Navy Department, Office of Naval Research	N8 onr-79600	1 200 00	February 1, 1949
National Academy of Sciences	Study of most desirable qualifications of aircraft pilots	20 775 00	February 17, 1949
Bird Electronic Corp.	Development of thermal R. F. voltmeter	11 000 00	February 21, 1949

With Whom	*Purpose*	*Amount to be Paid by the University*	*Date*
Swanson Associates (jointly with local taxing agencies in Urbana-Champaign)	Comprehensive community development plan	40% of total but not over 20 000 00	November 30, 1948
American Federation of Arts	Show exhibition "The Arts Work Together" April 8 to 28, 1949, at Chicago	135 00	February 24, 1948

Change Orders for Cost-Plus Contracts Under Standing Contracts of July 1, 1948

With Whom	*Purpose*	*Amount*
Lewis S. Colbert	Fifteen change orders	$13 892 32
Reliable Plumbing and Heating Co.	Nine change orders	4 238 01
Schroeder's	Eight change orders	5 177 39
Square Deal Electric Co.	Eleven change orders	805 96

Leases Executed Under General Regulations of the Board of Trustees

With Whom	*Property*	*Amount to be Paid to the University*	*Date*
Baldwin Locomotive Works	Lever Arm Creep Testing Machine	$1 00 plus transportation charges	February 1, 1949

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

May 21, 1949

The May meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, in Urbana, on Saturday, May 21, 1949, according to the following schedule:

10:00 a.m. — Executive session as in Committee of the Whole.

11:30 a.m. — Open session.

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

President Stoddard was present; also Assistants to the President, A. J. Janata and Wilbur Schramm, Secretary H. E. Cunningham, Comptroller Lloyd Morey, Provost C. R. Griffith, Legal Counsel W. E. Britton, and, during the open session, Mr. J. F. Wright, Director of Public Information, and Senator E. R. Peters.

CONTRACT FOR SMALL HOMES COUNCIL HOUSING RESEARCH PROJECT

The Secretary reported for record an action of the Executive Committee on May 17, 1949, awarding the contract for general work on the Small Homes Council Housing Research Project at Florida Avenue and Race Street to the Kuhne-Simmons Company, the lowest bidder, on the basis of the acceptance of Alternates 1, 2, and 6 in the bid schedule, providing for deductions totaling $9,330, reducing the contract from $406,000 to $396,670. The Executive Committee also authorized further contract changes reducing construction costs by approximately $4,000. The date for completion of the general work is October 15, 1949.

MATTERS PRESENTED BY PRESIDENT STODDARD

The Board considered the following recommendations of the President of the University.

STEAM HEATING PLANT FOR CHICAGO PROFESSIONAL COLLEGES

(1) The building program requested by the University for 1949-1951 included $26,210,000 for the Chicago Professional Colleges of which $6,400,000 was for a steam generating plant and for additions to the utilities distribution system. The revised program based on the Governor's recommendation in his budget message to the 66th General Assembly totals $21,000,000 of which $15,400,000 is for the Chicago Professional Colleges, including $1,500,000 for a steam generating plant and additions to the utilities distribution system. This is not enough for a new plant which is needed to service the present buildings plus those to be constructed in 1949-1951.

University officials have been carrying on negotiations with the Commonwealth Edison Company of Chicago to enlist its aid in providing this steam service. Commonwealth Edison has offered to do this and has prepared a contract the principal provisions of which are:

1. A new corporation to be called "The Medical Center Steam Company" is to be organized to provide central steam service to the University and to other institutions in the Medical Center District.

2. The contract will be between the Company and the University of Illinois; the University will make such subcontracts with other users as may be feasible and desirable.

3. The Company will construct the plant and distribution system according to plans and specifications approved by the University. All additions thereto will also be subject to University approval. The maximum investment, without further mutual consent, is to be $10,000,000.

4. The construction of the plant will be financed to the fullest extent possible by a direct outside loan. (An insurance company has tentatively offered to finance 80 per cent of the investment at 3½ per cent interest.) Commonwealth Edison Company will provide the remainder of the funds needed.

5. The operations of the Medical Center Steam Company will be conducted by the Commonwealth Edison Company on a nonprofit basis. Commonwealth Edison will be reimbursed for management services not to exceed $1,000 a month, plus indirect costs relating to such services. The University will participate in establishing operating policies.

6. Steam service rates will be based on the following costs and charges a month:

a. Interest: On the outside loan an amount sufficient to cover the interest payable; on funds supplied by Commonwealth Edison, 5 per cent plus income tax estimated at 3.06 per cent. These charges are to be based on current "depreciated investment" calculated monthly.

b. Depreciation charge: At 3 per cent per annum on the original cost of facilities until such facilities are completely amortized.

c. A general tax charge computed by deducting from the Company's charges for all taxes, any amount included for revenue taxes, in accordance with the Com-

pany's method of determining general tax accrual. Adjustments will be made for any variations from the estimates.

d. Operating expenses: A direct charge for all operating and maintenance expenses other than for fuel and ash removal, plus a steam charge calculated by adding to the cost for fuel burned the net cost of ash disposal.

e. Revenue tax charge: Any revenue taxes payable if such be assessed by the State or local governments.

7. The contract shall continue in force until such time as the Company's depreciation reserve for all facilities, other than facilities comprising working capital, becomes equal to the Company's investment in such facilities. Upon such termination the Company shall convey to the University all facilities and all inventories of operating and maintenance supplies provided the University pays the Company (a) all outstanding charges for steam service furnished including cost of discontinuing business with the Company, (b) the cost of the Company's inventories, (c) an amount equal to any redemption premium plus accrued interest the Company is required to pay on its indebtedness to others than Commonwealth Edison. The University, however, shall have the right to terminate the agreement at any time prior to its regular termination, on six months' written notice to the Company and on the purchase of the Company's equity in addition to the payment of costs previously specified. All obligations of the University shall be subject to constitutional and statutory limitations with respect to its expenditures.

The draft of the contract which is being submitted herewith is in substantially complete form but is subject to minor changes. There is also submitted a draft of the contract for use in subcontracting with other institutions desiring to purchase steam service.

I recommend approval of this program and the adoption of the attached resolution prepared by the Legal Counsel to authenticate this contract.

On motion of Mr. McLaughlin, this program was approved as recommended and the following resolution was adopted.

RESOLUTION

Resolved, that the Board of Trustees of the University of Illinois hereby approve, in the form submitted to this meeting, the proposed agreement between Medical Center Steam Company, a corporation to be organized under the laws of Illinois, and this Board, providing for the construction by the Steam Company of a central steam plant and distribution system and the furnishing of steam service to the University, and through the University to other institutions located within the Medical Center District as defined in such agreement, all upon the terms and subject to the conditions set forth in such agreement; that upon the completion of the organization of the Steam Company the Comptroller and the Secretary of this Board be and they hereby are authorized, empowered, and directed, in the name and on behalf of this Board, to execute and deliver such agreement in the form submitted to this meeting or with such changes in such form, not of substance, as may be approved by such officers, their approval of any such changes to be conclusively evidenced by their execution and delivery of such agreement; that upon the execution of such agreement by this Board and the Steam Company the proper officers or agents of this Board be and they hereby are authorized, empowered, and directed to do all such things as may be necessary to carry out and perform all of the obligations of this Board under such agreement; and that the Secretary of this Board be and he hereby is directed to file with the records of this meeting, properly identified, a copy of such agreement in the form submitted to this meeting, and also, if any changes shall be made in such agreement prior to the execution thereof, a copy of such agreement as executed and delivered by the parties thereto.

PURCHASE OF PROPERTY AT ILLINOIS STREET AND MATHEWS AVENUE IN URBANA

(2) The Committee on Special Appropriations and Nonrecurring Expenditures and the University Building Program Committee jointly recommend the purchase of the vacant lot at the southeast corner of the intersection of Illinois Street and Mathews Avenue in Urbana for the sum of $25,000.

I concur in this recommendation. An appropriation of $25,000 will be necessary.

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

PURCHASE OF PROPERTY AT SIXTH AND JOHN STREETS IN CHAMPAIGN

(3) The Building Program Committee has recommended expansion of the Urbana-Champaign campus in the areas immediately surrounding the central part of the campus.

A property in this area at the corner of Sixth and John Streets has become available. It is described as "the north half of the west half of Block 13 in the James Wright Addition of the City of Champaign" and contains approximately 175 feet frontage on East John Street and 168 feet on South Sixth Street, a total area of 29,400 square feet. It was appraised recently by independent appraisers at $80,000. It includes a large, though quite old, two-story house, which can be used immediately for administrative offices or rehousing of the Speech Clinic, and the property is very desirable for future expansion of the campus.

The owners have offered the property to the University for $80,000 with an initial payment of $23,500 on July 1, 1949, $28,250 on July 1, 1950, and the final payment of $28,250 on June 30, 1951, with interest at the rate of 4 per cent on the unpaid balance. The University would also have the right of prepayment in full at any time after January 1, 1950.

The Provost, the Comptroller, and the Director of the Physical Plant Department recommend that the purchase be made under the above terms. I concur and request an appropriation of $24,000 to cover the initial payment due July 1, 1949, and incidental expenses.

On motion of Mr. Fornof, this purchase was authorized and the appropriation was made, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, Mr. Nickell; absent, Mr. Hickman, Dr. Meyer, Mr. Stevenson.

Mr. Nickell stated in explanation of his negative vote, that he did not approve of paying interest on deferred payments.

APPROPRIATIONS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS, 1949-1951

(4) In revising the University's building program for 1949-1951, to reduce the total appropriation from the $63,065,000 requested by the University to the $21,000,000 total ($15,400,000 for the Chicago Professional Colleges; $5,600,000 for the Urbana-Champaign campus) recommended by the Governor in his biennial budget submitted to the 66th General Assembly, certain adjustments will be necessary.

The problems arising out of this limitation of funds were discussed with the Governor at the Board of Trustees meeting held in Springfield on April 21, 1949. Attention was called to the difficulties resulting from absence of funds for safety improvements and other necessary building remodeling. A problem of equal seriousness at Urbana-Champaign is a critical power shortage. Increased power plant capacity is necessary to meet additional demands resulting from completion of new buildings during the 1947-1949 biennium, the two major buildings to be constructed during 1949-1951, plus the increase in power demand resulting from normal growth of the University. The University now has three 3,000 kw. generators in the Abbott Power Plant and an old 500 kw. generator, which can be used in a limited way in case of an emergency, in the old power plant. It is necessary periodically to take one generator out of service for overhauling, so that the present firm electric capacity is 6,500 kw. The maximum coincident demand at present is 5,800 kw., and by September 1, 1949, it will be at least 7,900 kw. When the buildings to be constructed during 1949-1951 are "on the line" it is estimated that the maximum coincident demand will be 10,150 kw.

In recognition of this the Board of Trustees on June 15, 1948, authorized the purchase of a 7,500 kw. generator, cooling tower, and condenser at an estimated cost of $1,300,000 to be constructed and paid for during the biennium of 1949-1951, contingent on the availability of funds. Since it takes a long time to secure delivery of this kind of equipment, the Board authorized placing the order early so that it would have a high priority. The allocation of only $5,600,000 for buildings at Urbana, of which $5,000,000 is for College of Veterinary Medicine and College of Agriculture buildings, does not include any money at all for additions to the power plant.

The $15,400,000 building program for the Chicago Professional Colleges includes $1,500,000 for additions to the old power plant and extensions of the utilities distribution system. It is not enough to build a new power plant which is needed. The Commonwealth Edison Company of Chicago has agreed to construct and operate a plant to provide steam heating service for the Chicago Professional Colleges (this service will also be available to other institutions in the Medical Center District) under a plan whereby the University will eventually acquire the plant. Commonwealth Edison will also construct the utilities distribution system. Consequently of the sum previously allocated for capital improvements in Chicago, $1,300,000 could be released for other uses, and $200,000 retained for electric distribution lines and remodeling. If the $1,300,000 is allocated to Urbana-Champaign, funds will be provided for some of the safety improvements and other remodeling urgently needed and also for increasing the power production of the Abbott Power Plant. An additional 3,000 kw. generator and auxiliary equipment is necessary to provide the minimum power production capacity which will be needed by the end of the biennium of 1949-1951. This will not allow any excess for succeeding biennia.

I request that the Board of Trustees authorize the President of the University to make the necessary revisions in the allocations of funds for buildings and other capital improvements for the biennium of 1949-1951 within the total of $21,000,000 which the Governor has recommended.

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

ILLINI UNION FOOD SERVICE AT UNIVERSITY CLUB IN URBANA

(5) On June 23, 1947, the Board authorized a contract with the University (Men's) Club in Urbana, whereby the University assumed responsibility for food service at the Club, through the Illini Union. Meals were to be served to members and nonmembers at the same price. It was understood that every effort would be made to operate the program on a self-supporting basis.

It has not been possible to accomplish this result. For the year 1947-1948, there was a net deficit of $6,705.48. For the period September 1, 1948, to March 31, 1949 (the Club was not operated during the summer months), the deficit was $8,388.03. These deficits have been absorbed by the Illini Union. They are without any charge having been made for the use or operation of the building, or for utilities other than those directly required in food service.

Some of the reasons for these deficits are stated as follows:

1. The gross volume of business has been considerably less than was anticipated when the arrangement was established.

2. Increasing food and labor costs have required higher meal prices and have reduced the total number of meals served.

3. Meal service requirements are irregular, with a rather large luncheon business but relatively small evening business.

A review of the entire situation indicates that the food service is urgently needed and that it would be impossible to absorb the present patronage of the University Club at the Illini Union Building. This is especially true at the noon luncheon. Food service at the Club is not limited to Club members but is available and is used by other faculty and staff personnel who are not members. Club members receive no special consideration in the food service.

Officers of the University Club urge that the operation of the food service at the Club be continued by the Illini Union as a service to University staff. It should be added that a considerable number of meetings of University organizations and visiting groups are held at the University Club and it would not be possible to find those facilities elsewhere on the campus.

The management of the Illini Union is willing to continue the responsibility for University Club food service but desires that the Board be advised that to do this means, based on an experience to date, a deficit from the University Club which must be absorbed in the Illini Union Building operations. The University pays the Illini Union a service charge for all members of the staff comparable to that charged to students.

In the meantime a survey will be undertaken to ascertain if the net costs may be reduced. In view of the all-University services involved, I recommend that a new contract be signed.

This report was received for record.

WAGES OF NONACADEMIC EMPLOYEES

President Stoddard reported that he had received, just before coming to this meeting, a communication from Mr. Sherdie C. Jones, of the Twin City Federation of Labor, requesting certain increases in the wages of nonacademic employees.

On motion of Mr. Livingston, this matter was referred to the President's Office for consideration and report.

OPEN SESSION

The Board convened in open session at 12:15 p.m.

APPOINTMENTS TO THE FACULTY MADE BY THE PRESIDENT OF THE UNIVERSITY

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

1. FLOYD E. BOYS, Associate Professor of Health Education, beginning April 1, 1949, at an annual salary of $8,800.
2. EDWARD C. BUDD, Assistant Professor of Economics, beginning September 1, 1949, at an annual salary of $4,500.
3. FRANK B. FREIDEL, JR., Assistant Professor of History, beginning September 1, 1949, at an annual salary of $4,900.
4. ROLAND GIBSON, Assistant Professor of Economics, beginning September 1, 1949, at an annual salary of $5,000.
5. HALVOR O. HALVORSON, Professor of Bacteriology and Head of the Department, beginning September 1, 1949, at an annual salary of $9,000.
6. JOHN L. HELLER, Professor of the Classics and Head of the Department, beginning September 1, 1949, at an annual salary of $8,000.
7. ROBERT I. HULSIZER, JR., Assistant Professor of Physics, in the College of Engineering, beginning September 1, 1949, at an annual salary of $5,200.
8. W. E. MARTIN, Assistant Professor of Education, in the Bureau of Research and Service, beginning September 1, 1949, at an annual salary of $5,500.
9. S. MERYL ROSE, Associate Professor of Zoology, beginning September 1, 1949, at an annual salary of $5,800.

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

MATTERS PRESENTED BY PRESIDENT STODDARD

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

APPOINTMENTS TO THE 1949 SUMMER SESSION STAFF

(1) I submit the budget for the 1949 Summer Session. It provides for an eight-week session at Urbana-Champaign and the Chicago Undergraduate Division (see Appendix, page 375).

Salaries of all members of the faculty who are recommended for appointments to the Summer Session staff are computed on the basis of two-ninths of the salary of the academic year for two months of summer service. This is in accordance with the terms of employment of the academic, administrative, research, and extension staffs authorized by the Board of Trustees on January 8, 1948 (Minutes, page 952).

The budget totals $528,106 for Urbana-Champaign, $87,362 for the Chicago Undergraduate Division, and $22,969 to be assigned by the Dean of the Summer Session in terms of enrollment demands.

I recommend that:

1. The appointments to the Summer Session staff and the allocation for unassigned salaries be approved as submitted.

2. All appointments for contracts for service during the Summer Session include a provision permitting reduction in time and salary or cancellation of the contract in the event that enrollment does not warrant continuation of the appointment on the basis originally recommended.

3. The President of the University be authorized to make such changes and adjustments, including additional appointments and acceptance of resignations, as are necessary in accordance with the needs of the University.

On motion of Mr. Nickell, these recommendations were adopted, and authority was given as requested.

APPOINTMENTS TO 1949 SUMMER SESSION STAFF

(2) The budget for the 1949 Summer Session which is being recommended to the Board of Trustees includes the following new appointments of persons who are being appointed for the Summer Session only and are not on the permanent faculty, although some of them have served in previous summer sessions:

	Salary
Agricultural Economics	
E. O. Heady, Visiting Lecturer (Professor, as of July 1, 1949, Iowa State College)	$1 200
Chemistry	
W. B. Treumann, Visiting Lecturer (Assistant Professor, North Dakota Agricultural and Mechanical College)	1 200
Education	
Millie Almy, Visiting Lecturer (Associate Professor, University of Cincinnati)	1 200
G. C. Boone, Visiting Lecturer (Assistant Superintendent of Public Schools, Passaic, New Jersey)	1 400
R. G. Brill, Visiting Lecturer (Head, Newark Day School for Deaf, and Supervisor of Hearing, Newark, New Jersey)	1 112
C. G. Browne, Visiting Lecturer (Assistant Professor, Wayne University)	1 400
J. S. Brubacher, Visiting Lecturer (Halleck Professor of Education, Yale University)	1 800
Clara Chiara, Visiting Lecturer (Dean of Girls, Euclid Central High School, Euclid, Ohio)	1 200
W. F. Connell, Visiting Lecturer (Visiting Instructor in Education, University of Illinois)	....
A. H. Hollenberg, Visiting Lecturer (Specialist, Farm Mechanics, Agricultural Education Service, United States Office of Education, Washington, D.C.)	600
C. W. Humphrey, Visiting Lecturer (Specialist for Business Education, Division of Vocational Education, Federal Security Agency, Washington, D.C.)	1 200
Stanton Leggett, Visiting Lecturer (June 20 to July 16) (Member of firm, Engelhardt, Engelhardt, and Leggett)	750

P. W. Pinckney, Visiting Lecturer..... 1 500
(Principal, Oakland High School, Oakland, California)
S. M. Stoke, Visiting Lecturer..... 1 500
(Chairman, Department of Psychology and Education, Mt. Holyoke College)
H. S. Zim, Visiting Lecturer..... 1 200
(Science Consultant, Ethical Culture Schools, and Manhasset Bay Schools)

Geology

D. H. Chapman, Visiting Lecturer..... 1 200
(Associate Professor, University of New Hampshire)

Journalism

A. T. Pouncey, Visiting Lecturer..... 1 250
(Assistant Professor of Photography, University of Houston)

Library

L. E. Asheim, Visiting Lecturer..... 1 000
(Assistant Professor, University of Chicago)
K. O. Burg, Visiting Lecturer..... 700
(Graduate Student, Library School, University of Illinois)
Lura E. Crawford, Visiting Lecturer..... 800
(Administrative Librarian, Oak Park Township High School)
Olive DeBruler, Visiting Lecturer..... 900
(Head Librarian, Joliet Township High School)
G. R. Lyle, Visiting Lecturer..... 1 200
(Director of Libraries, Louisiana State University)
Jerrold Orne, Visiting Lecturer..... 1 000
(Director of Libraries, Washington University)

Mathematics

Martha Hildebrandt, Visiting Lecturer..... 1 000
(Head, Mathematics Department, Proviso High School)
L. K. Hua, Visiting Professor..... 1 445
(Visiting Professor, University of Illinois)

Mechanical Engineering

H. H. Korst, Visiting Lecturer..... 889
(Visiting Lecturer, University of Illinois)

Music

H. A. Decker, Visiting Lecturer..... 989
(Professor and Head, Choral and Voice Departments, University of Wichita)
Grant Johannesen, Visiting Lecturer..... 1 300
(Concert Pianist, Member of Kraeuter Trio, New York City)
Karl Kraeuter, Visiting Lecturer..... 1 300
(Violinist and Musical Director of Kraeuter Trio and Quartet, Concert Artist)
Phyllis Kraeuter, Visiting Lecturer..... 1 300
(Member of Kraeuter Trio and String Quartet, New York City; Teacher, Juilliard School and New York University)

Physical Education

Ruth Hoover, Visiting Lecturer..... 900
(Head of Department, University of Kansas)

Political Science

J. B. Mason, Visiting Lecturer..... 1 400
(Visiting Professor, Oberlin College)

Social Welfare Administration

Warren Sawyer, Visiting Lecturer (½ time)..... 600
(Executive Secretary, Community Chest and Council of Social Agencies, Champaign County)

Speech

J. P. Leland, Visiting Lecturer..... 1 000
(Chairman of Speech and Director of Knox Theatre, Knox College)

This report was received for record.

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS ADVISORY COMMITTEE

(3) The plan for the administrative organization of the Institute of Labor and Industrial Relations provides for an Advisory Committee composed of representatives in equal number of labor, employers, and the public, due regard being given to including both urban and rural interests. The first appointments in each group are to be made in terms of one, two, and three years respectively and appointments thereafter to be for three years. The first committee was appointed two years ago without any specification as to terms since it was on a trial basis. The Director of the Institute has recommended and I have approved the following appointments beginning July 1, 1949:

Labor

JOSEPH GERMANO, President, Illinois State Industrial Union Council, 205 West Wacker Drive, Suite 1322, Chicago 6 (*one year*)
THOMAS J. HAGGERTY, Secretary-Treasurer, Chicago Milk Wagon Drivers Union, Local No. 753, 220 South Ashland Boulevard, Chicago 7 (*one year*)
CLINTON BUSH, State Legislative Chairman, Brotherhood of Locomotive Firemen and Enginemen, 105 East 70th Street, Chicago 37 (*two years*)
SAMUEL LEVIN, Vice-President, Amalgamated Clothing Workers Union, 5005 Drexel Boulevard, Chicago 15 (*three years*)
R. G. SODERSTROM, President, Illinois State Federation of Labor, Springfield (*three years*)

Employers

WAYNE A. JOHNSTON, President, Illinois Central Railroad, 135 East Eleventh Place, Chicago 5 (*one year*)
LEVERETT S. LYON, Chief Executive Officer, Chicago Association of Commerce and Industry, One North LaSalle Street, Chicago 2 (*one year*)
G. W. HOELSCHER, General Manager, East Side Manufacturers Association, Granite City (*two years*)
HENRY H. BOLZ, Secretary, Association of Commerce, Decatur Club Building, Decatur (*three years*)
OLIVER E. MOUNT, Vice-President, American Steel Foundries, 410 North Michigan Avenue, Chicago 11 (*three years*)

Public

CHARLES SHUMAN, President, Illinois Agricultural Association, 43 East Ohio Street, Chicago 11 (*one year*)
FRED L. WHAM, Judge, United States District Court, 611 East Third Street, Centralia (*one year*)
JOHN E. CASSIDY, Attorney, Cassidy, Sloan, and Crutcher, Jefferson Building, Peoria (*two years*)
IRVING DILLIARD, Editorial Writer, 505 East Church Street, Collinsville (*three years*)
MRS. BERNICE T. VAN DER VRIES, Member, Illinois House of Representatives, 439 Maple Avenue, Winnetka (*three years*)

On motion of Mr. Livingston, these appointments were confirmed.

RELEASE OF FUNDS FOR BUILDINGS AND CAPITAL IMPROVEMENTS

(4) The Governor has authorized the following release of funds from the appropriation made to the University of Illinois by the 65th General Assembly under Senate Bill 662, "An Act making appropriations for certain additional ordinary, contingent, and distributive expenses of State government," which included appropriations totaling $12,994,732 to the University for buildings and other capital improvements.

Release No. 519

From the item "For contingencies to cover expenditures for purposes for which the amount appropriated in any item above enumerated is or becomes insufficient (total appropriation, $618,845).....$15 000"

To augment Release No. 3 (July 22, 1947) in the amount of $1,150,000 for the construction of a new Mechanical Engineering Building, and Release No. 351 (September 7, 1948) from contingencies in the amount of $62,000, for the completion of the Mechanical Engineering Building.

I recommend that these funds be appropriated for the construction of the building.

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

CONTRACT FOR EMERGENCY LIGHTING OF MEDICAL AND DENTAL COLLEGE LABORATORIES BUILDING

(5) The Director of the Physical Plant Department and the Comptroller recommend award of a contract for $8,482 to the B-H Electric Company of Chicago for the installation of emergency lighting in the Medical and Dental College Laboratories Building in Chicago.

Funds are budgeted to cover this work.

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

On motion of Mr. Livingston, this contract was awarded and authority was given as recommended.

ADDITION TO CONTRACT FOR STEAM SERVICE TO CHEMISTRY ANNEX

(6) The Director of the Physical Plant Department and the Comptroller recommend an addition of $1,550 to the contract with L. H. Prentice Company, Chicago, for the installation of steam piping to the Chemistry Annex to provide for the construction of two new manholes and diversion of a sewer not specified in the original contract which was awarded by the Board of Trustees on June 15, 1948 (Minutes, page 1150). Funds are available.

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

On motion of Mr. Nickell, this addition to contract was approved and authority was given as requested.

REPORT OF FINANCE COMMITTEE ON INSURANCE ON AUTOMOBILE FLEET

(7) Automobile insurance on the University fleet expires June 30, 1949. The Travelers Insurance Company, current insurance carriers of this risk, as they have been for the past two years, have indicated their desire to continue on this risk for another year.

Last year requests were submitted for quotations to sixty-eight mutual and stock insurance companies. Also advertisements were inserted in daily papers but only three insurance companies, including Travelers, the lowest bidder, submitted quotations.

Travelers requested for the year July 1, 1948, to July 1, 1949, and the governing bureau authorized, a deviation from manual rates of 50 per cent bodily injury and property damage and a fixed fleet plan reduction of 20 per cent.

Travelers anticipate authorization for 1949-1950 by the governing bureau of a deviation from manual rates of 55 per cent bodily injury and property damage and a fixed fleet plan reduction of 20 per cent. On this basis the anticipated cost of automobile public liability and property damage insurance with $25/50,000 bodily injury limits and $5,000 property damage limits would be $3,500 (estimated) for the policy year beginning July 1, 1949. Funds are provided in the Physical Plant Department budget.

The Comptroller has recommended that this insurance be renewed with the Travelers Indemnity Insurance Company for another year effective July 1, 1949, on the basis of their proposal outlined herein, in which they would allow a 55 per cent reduction from manual rates plus an additional 20 per cent fleet discount.

The Finance Committee recommends approval.

On motion of Mr. Livingston, this matter was referred to the Comptroller's office and the Finance Committee to secure additional bids.

REPORT OF TOTAL AMOUNTS OF STANDING CONTRACTS FOR MINOR IMPROVEMENTS

(8) The Board of Trustees at the April meeting requested a report of total contracts let under these general standing contracts since July 1, 1948. That report is as follows, for the period July 1, 1948, to May 1, 1949:

Lewis S. Colbert, general work	$220 826 01
Reliable Plumbing and Heating Co.	44 510 19
Schroeder's, ventilating and sheet metal	30 050 42
Square Deal Electric Company	47 762 92

This report was received for record.

CONTRACT FOR HEATING AND VENTILATING IN ELECTRICAL ENGINEERING BUILDING

(9) The heating and ventilating installations in the Electrical Engineering Building were by Carson-Payson Company, Danville, under a cost plus a fixed fee contract authorized by the Board of Trustees on January 25, 1947 (Minutes, page 228). The maximum estimated cost was $176,954. The Comptroller has reported that due to increased labor rates and material costs, the total cost of the heating and ventilating installations under this contract will be $194,471.45. The fixed fee of this contract, which is included in the total cost, is $19,661. This compares favorably with the lowest lump sum bid of $223,000 received at the time the contract was awarded.

This report was received for record.

FEES FOR EXAMINATIONS IN HIGH-SCHOOL AND COLLEGE SUBJECTS

(10) As a service to the State Board of Law Examiners the University offers examinations in high-school and college subjects to candidates who wish to qualify for the study of law and eventually for admission to the Bar examinations. Fees are charged to cover the cost of this service. From time to time changes have been made in the fees whenever necessary in order to meet expenditures. The present schedule of fees established by the Board of Trustees on March 10, 1942, is as follows:

High-school subjects	$ 75 per half unit of credit
College subjects	2 00 per subject

For the past two years these fees have not covered expenses and it has been

necessary to use part of the small surplus previously accumulated. The Director of Admissions recommends the following rates in this schedule effective July 1, 1949:

High-school subjects.....$1 25 per half unit of credit
College subjects..... 2 50 per subject

On the basis of the present number of individuals taking the examinations, the schedule of fees proposed would produce an income of about $19,000 a year and the expense of giving the examinations is about $17,000 a year. Thus the fees proposed include a safety factor to allow for shrinkage in the number of examination applicants and for possible increase in expenditures not now anticipated.

I concur.

On motion of Mr. Nickell, these rates were approved as recommended.

PURCHASES

(11) There are submitted reports of (A) emergency purchases authorized and of (B) purchases recommended (see Appendix, page 392).

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

GRANT OF FUNDS FOR SEMINAR ON THE ATLANTIC PACT

(12) At the meeting of the Board on April 21, 1949, I reported informally that the Carnegie Endowment for International Peace was considering a grant of funds to the University toward the expenses of a seminar on the Atlantic Pact to be held at Allerton Park during the summer of 1949. I am pleased to report that a grant of $2,000 has been offered and has been accepted. The seminar will be conducted by the Institute of Government and Public Affairs, July 13-16.

I request that the Board of Trustees, through its Secretary, express to Dr. James T. Shotwell, Acting President of the Carnegie Endowment for International Peace, an official recognition of this grant.

On motion of Mr. Nickell, the Secretary was instructed to send such expression to the Carnegie Endowment for International Peace.

DEPARTMENT OF BACTERIOLOGY IN THE COLLEGE OF MEDICINE

(13) The Dean of the College of Medicine and the Vice-President in charge of the Chicago Professional Colleges recommend that the name of the Department of Bacteriology and Public Health in the College of Medicine be changed to the Department of Bacteriology.

I concur.

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

NAMING OF NEW UNIVERSITY BUILDINGS

(14) I recommend that the new University buildings recently completed or now under construction at Urbana-Champaign be named as follows:

Electrical Engineering Building
Mechanical Engineering Building
East Chemistry Building
Lincoln Avenue Residence

On motion of Mr. Nickell, these names of buildings were approved.

COMPTROLLER'S REPORT OF CONTRACTS

(15) The Comptroller's report of contracts executed from April 11 to May 10, 1949 (see Appendix, page 395).

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(16) The Comptroller presents his quarterly report to the Board as of March 31, 1949. Copies of this report have been sent to all members of the Board in advance of this meeting.

This report was received for record.

RESOLUTION RELATING TO FINANCING STUDENT AND STAFF APARTMENT BUILDING IN URBANA

(17) On July 21, 1948 (Minutes, page 9), the Board accepted an offer from Salk, Ward, and Salk, Inc., Chicago, for a loan of $900,000 partially to finance the construction of the Student and Staff Apartment project in Urbana. Salk, Ward, and Salk has placed the loan with the Modern Woodmen of America and Royal Neighbors of America whose attorneys request that the Board of Trustees adopt the attached formal resolution.

The Comptroller and the Legal Counsel recommend the adoption of the resolution (see Appendix, page 395).

On motion of Mr. Livingston, this resolution was adopted as recommended.

CONTRACT FOR RE-ROOFING ADMINISTRATION BUILDING (WEST)

(18) The following bids have been received for the re-roofing (using the present tile) of the Administration Building (West):

H. Reuter Company, Kankakee.....$11 452
J. L. Kingston, Bloomington..... 7 935

This building was constructed in 1915 and has been in service thirty-four years. Due to roof deterioration there is danger of the tile shingles sliding off.

The Director of the Physical Plant Department and the Comptroller recommend award of the contract for $7,935 to J. L. Kingston of Bloomington, the lower bidder.

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

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

On motion of Mr. McLaughlin, this contract was awarded and authority was given as recommended.

RECOMMENDATIONS RELATING TO PATENTABLE DISCOVERIES

(19) The following discoveries which are potentially patentable have been reported to the President of the University:

1. The invention of an atomizing nozzle by Mr. E. H. Conroy, Jr., a graduate student. He developed certain principles of nozzle design which appear to be novel and worth while, in connection with his research work for the Ph.D. degree on the combustion of sulfur. This research work is supported by the Texas Gulf Sulphur Company.

Both the Company and the University are interested in making the discovery of the greatest use to the public, that is, to the users of sulfur. The Company desires that the new discovery be made available through non-exclusive royalty free licenses.

2. The invention of an electronic X-ray film contrast enhancer by Messrs. J. S. Garvin, C. W. Goodwin, and S. N. Stein of the College of Medicine. It is the judgment of the University Research Board that this device has a field of usefulness but requires considerable development and is not likely to bring commercial possibilities attractive enough to justify securing patent coverage at the expense of the University.

3. A new method of synthesizing the intermediate products from which chloromycetin is developed: A process of preparing a new antibiotic by Professor Herbert E. Carter of the Department of Chemistry, Assistant Professor David Gottlieb of the Department of Horticulture, and Mr. P. K. Bhattacharyya, a graduate student in chemistry, while engaged in research work on antibiotics sponsored by Abbott Laboratories, Eli Lilly and Company, and the Upjohn Company.

The University Research Board recommends that these discoveries be released to the discoverers as agents of the University of Illinois Foundation.

I concur.

On motion of Mr. Nickell, these patents were released as recommended.

CONTRACTS FOR PARKING LOTS AND SIDEWALKS

(20) Bids have been taken for the construction of parking lots and sidewalks in the areas indicated in the accompanying schedule. The parking lot bids were taken on hot-mix asphalt surfacing specifications (such as is usually used on public streets). Alternate bids were also invited on a cold-plant mix surfacing and a crushed rock surfacing with an asphalt binder, both of which are inferior to the hot-mix asphalt. The bids on the two alternates were not sufficiently lower to merit consideration and are therefore not shown.

All contractors known to be interested were invited to bid on the sidewalk construction but only one qualified bid was received, from Lynne Meyer, Urbana.

Funds are available for the construction of parking lots and sidewalks, the source of the funds being indicated in the bid schedule.

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

For parking lots, Champaign Asphalt Company, Champaign.....$35 355 00
For sidewalks, Lynne Meyer, Urbana..... 7 608 50

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

On motion of Mr. Livingston, the contract for parking lots was awarded as recommended; the matter of the construction of sidewalks was referred to the Committee on Buildings and Grounds, to secure new bids and to award the contract.

INCREASE IN CONTRACT FOR BUILDING ALTERATIONS IN RESEARCH AND EDUCATIONAL HOSPITALS

(21) On January 13, 1949 (Minutes, page 211), the Board of Trustees authorized a contract with E. H. Marhoefer, Jr., Company, Chicago, for building alterations in the Research and Educational Hospitals to provide additional and improved quarters for the Department of Physical Medicine. On recommendation of the Head of the Department, the Director of the Physical Plant Department and the Comptroller recommend a change in this contract to include the installation of a ventilation system and to provide for the future installation of air conditioning in the hydrotherapeutic quarters. The design of these installations had not been completed when the contract was awarded and it was let without this work to expedite the remodeling. The change will require an addition of $3,376.80. Funds are available for this increase in the appropriation made by the Board of Trustees for this work.

I concur.

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

CONTRACT FOR PNEUMATIC TUBE SYSTEM IN PHYSICAL MEDICINE ADDITION

(22) The Director of the Physical Plant Department and the Comptroller recommend award of a contract for $1,500 to Kelly Systems, Inc., Chicago, the lowest bidder, for the installation of a four-inch pneumatic tube system in the Research and Educational Hospital quarters which are being remodeled for the Department of Physical Medicine. The tube system is for transmission of records of patients and other documents.

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

On motion of Mr. McLaughlin, this contract was awarded and authority was given as recommended.

AWARD OF CONTRACTS AT ROBERT ALLERTON PARK

The Secretary reported that the Committee on Buildings and Grounds had received the following report from President Stoddard:

Honorable John R. Fornof, Chairman
Honorable Wirt Herrick
Honorable Doris S. Holt
Honorable Park Livingston
Honorable Karl A. Meyer
} *Committee on Buildings and Grounds*

May 1, 1949

At the meeting of the Board of Trustees on April 21, I presented three recommendations for the awards of contracts for remodeling, repairs, and painting of houses at Robert Allerton Park, including the main house, Gate House, and two other houses in the Park. Copies of the recommendations are enclosed.

In view of questions raised by Mr. R. G. Soderstrom, President of the Illinois State Federation of Labor, and Mr. Fern R. Rauch, Assistant Director of the State Department of Labor (copies of their telegrams are also enclosed) concerning the rates of wages to be paid for this work, the Board deferred action on the awards of the contracts and referred them to your Committee with power to act.

The Director of Nonacademic Personnel and the Legal Counsel have reviewed this matter and have submitted a report which I am transmitting herewith.

I am sending you a memorandum concerning craft jurisdiction and determination of wage rates which was drawn up by the Director of Nonacademic Personnel, the Director of the Physical Plant Department, and the Chairman of the Nonacademic Personnel Advisory Committee on the basis of a conference between representatives of the University and of labor unions. I approved this memorandum on April 19, 1949 (Please note this was before any questions had been raised regarding the award of contracts at Allerton Park.) as a basis for wage agreements and work assignments until further notice.

The evidence indicates that:

1. There are no "prevailing rates" established in Monticello and Piatt County by agreements between labor organizations and employers.

2. The rates of pay which the contractors who bid on the remodeling, repairs, and painting at Robert Allerton Park propose to pay to their craftsmen are the same rates they are paying for other work on public jobs.

3. The contractors in Monticello do not employ union labor as a general practice nor do they employ non-union labor exclusively. On occasions they have employed union labor. Union labor is brought in for special work on bridges, tanks, and pipe lines.

Saturday morning, April 30th, from 10:00 to 12:00, the following persons took part in a thorough discussion of the issues involved:

For the University

GEORGE D. STODDARD, President
WILLIAM E. BRITTON, Professor of Law and Legal Counsel
DONALD E. DICKASON, Director of Nonacademic Personnel
C. S. HAVENS, Director of the Physical Plant Department
PAR DANFORTH, Director of Robert Allerton Park, with the rank of Professor in the Division of University Extension
R. N. SULLIVAN, Professor of Law and Chairman, Nonacademic Personnel Advisory Committee
A. J. JANATA, Assistant to the President

Representing labor organizations

W. L. CUSKADEN (*vice* SHERDIE C. JONES, President, Twin City Federation of Labor)
JOHN V. SOHN, Champaign-Urbana Building and Construction Trades Council
CLAY WEBB, Plumbers
MILLARD LANE, WILLIAM ARCHDEACON, EARNIE BOURNE } Carpenters
FRANK ASHERMAN, C. O. RONEY } Painters
JOHN T. HOBAN, Sheet Metal Workers
ARTHUR SINGBUSCH, Electricians
VICTOR VAUGHN, Laborers

RALPH TANGNEY, Plasterers and Cement Finishers
M. O. ALPERS, JACK GREEAR } Iron Workers

For the Illinois State Department of Labor
EDWARD H. BLANCK (*vice* FRANK ANNUNZIO, Director of the Department)

Monticello Community Club
C. G. HOLFORTY, President

The issues finally boiled down to one: Has a prevailing rate of wages for the work to be done under the proposed contracts been established in Monticello?

It is my judgment, in which the University representatives concur, that this question must be answered in the negative. A prevailing rate could not therefore be specified in the proposed contracts. If labor representatives or other citizens believe otherwise it is their privilege to bring the matter into court, following the procedure given in the statutes. Should a judge rule against the University in this matter, I should recommend that the University, in accepting such a decision, apply it to the beginning hour of all work in the contracts.

I feel that there is nothing to be gained by further delay, and I therefore recommend that the contracts for work at Allerton Park as submitted to the Board of Trustees on April 21st be approved.

Respectfully yours,
GEORGE D. STODDARD
President

On receipt of this report, the Committee authorized the award of contracts for work at Robert Allerton Park to the lowest bidders as recommended on April 21, 1949 (Minutes, pages 333 to 335).

This report was received for record.

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 373).
2. Graduate fellows (page 374).
3. Resignations and declinations (page 375).

The Board adjourned.

H. E. CUNNINGHAM
Secretary

KENNEY E. WILLIAMSON
President

APPENDIX

APPOINTMENTS MADE BY THE PRESIDENT

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

BELLAMY, J. E., Assistant, English, nine months beginning September 16, 1949, $2400 (5-12-49).

BISSETT, JAMES R., Instructor, Civil Engineering (C) (½), academic year beginning September 1, 1949, $2000 (5-17-49).

BOYS, FLOYD E., Associate Professor, Health Education, five months beginning April 1, 1949, $733.33 a month (4-28-49).

BUDD, EDWARD C., Assistant Professor, Economics, academic year beginning September 1, 1949, $4500 (5-12-49).

CARO, MARCUS R., Clinical Professor, Dermatology (Medicine), five months beginning April 1, 1949, without salary, supersedes (5-4-49).

CAULDWELL, EARL W., Research Associate, Pathology (Medicine) (1/10), July 1, 1949-August 31, 1950, $408 a year, and (9/10), one year beginning July 1, 1949, $3600 a year, latter sum payable from United States Public Health Service, supersedes (5-4-49).

CLARK, WILLIAM C., Research Assistant, Physiology (Graduate College), three months beginning April 1, 1949, $1005 (4-30-49).

CULLISON, CHARLES W., Instructor, Pathology (Medicine) (¾), one year beginning March 12, 1949, $3000 (5-4-49).

DVORETZKY, A., Visiting Lecturer, Graduate College, June 15-August 15, 1949, $1300 (4-20-49).

DYNIEWICZ, JOSEPHINE M., Instructor and Research Chemist, Medicine (Medicine), one year beginning September 1, 1949, $4000 (4-26-49).

FREIDEL, FRANK B., JR., Assistant Professor, History, two years beginning September 1, 1949, to render service during two semesters of each academic year, $4900 a year (4-22-49).

FREUDENTHAL, ALFRED M., Lecturer and Consultant, Theoretical and Applied Mechanics (C) (2/10), and (Graduate College) (1/10), one year beginning September 1, 1949, $3600 (5-12-49).

GIBSON, ROLAND, Assistant Professor, Economics, academic year beginning September 1, 1949, $5000 (4-22-49).

GRAHAM, SARA, Natural History Library Assistant, Library, four months beginning May 1, 1949, $3000 a year (4-20-49).

GREENSPON, SEYMOUR A., Research Fellow, Pathology (Medicine), $1750 a year, and Research Assistant, Pathology (Medicine) (½) (on Y basis), $1850 a year, for five months beginning April 1, 1949, supersedes (4-27-49).

HALVORSON, HALVOR O., Professor, Bacteriology, and Head of the Department, indefinite tenure beginning September 1, 1949, to render service during two semesters of each academic year, $9000 a year (4-21-49).

HARDY, GENE B., JR., Assistant, English, nine months beginning September 16, 1949, $2400 (5-12-49).

HAUSRATH, ALFRED H., Instructor, Theoretical and Applied Mechanics (C) (⅓), academic year beginning September 1, 1949, $1200 (4-28-49).

HELLER, JOHN L., Professor, Classics, and Head of the Department, indefinite tenure beginning September 1, 1949, to render service during two semesters of each academic year, $8000 a year (4-21-49).

HOPKINS, THOMAS P., Assistant, English, nine months beginning September 16, 1949, $2500 (5-12-49).

HULSIZER, ROBERT I., JR., Assistant Professor, Physics (C), two years beginning September 1, 1949, to render service during two semesters of each academic year, $5200 a year (4-29-49).

JOHNSON, G. O., Instructor, Education, academic year beginning September 1, 1949, $4500 (4-20-49).

KAKUTANI, S., Visiting Lecturer, Graduate College, June 15-August 15, 1949, $1800 (4-20-49).

KARK, ROBERT M., Associate Professor, Medicine (Medicine), April 15-August 31, 1949, without salary, supersedes (5-4-49).

KOPEL, RACHEL, Assistant, Microanalysis (Chemistry), February 14-August 31, 1949, $1350 (4-20-49).

LAVERTY, HELEN, Research Associate, Bureau of Research and Service, April 15-August 31, 1949, $1500 (4-20-49).

LEVITON, GLORIA L., Research Assistant, Psychology (Psychiatry) (Medicine), five months beginning April 1, 1949, $4992 a year (4-20-49).

LOBRAICO, ROCCO V., JR., Instructor, Obstetrics and Gynecology (Medicine), one year beginning March 12, 1949, $3000 (5-4-49).

MAGEE, DONALD F., Research Associate, Clinical Science (Medicine), five months beginning April 1, 1949, $3600 a year, supersedes (4-26-49).

MAJARAKIS, JAMES D., Instructor, Surgery (Medicine) (¾), one year beginning March 12, 1949, $3000 (5-4-49).

MARTIN, DEWARD M., Special Research Assistant, Civil Engineering (S), July 1-September 15, 1949, $266.66 a month, and Special Research Graduate Assistant, Civil Engineering (S) (½), nine months beginning September 16, 1949, $133.33 a month (4-30-49).

MARTIN, W. E., Assistant Professor, Education (Bureau of Research and Service), two years beginning September 1, 1949, $5500 a year (4-20-49).

MOAKE, FRANK B., Assistant, English, nine months beginning September 16, 1949, $2400 (5-12-49).

OLIVER, RICHARD M., Clinical Instructor, Dermatology (Medicine), five months beginning April 1, 1949, without salary, supersedes (5-4-49).

PAUL, MRS. KATHARINE H., Scientific Artist, Zoology (Graduate College), one month beginning June 16, 1949, $404.44 (4-20-49).

PISTER, KARL S., Instructor, Theoretical and Applied Mechanics (C) (½), academic year beginning September 1, 1949, $2000 (4-28-49).

RICE, OLIVER L., Assistant, English, nine months beginning September 16, 1949, $2400 (5-12-49).

ROBIN, MILTON, Clinical Instructor, Dermatology (Medicine), five months beginning April 1, 1949, without salary, supersedes (5-4-49).

ROSE, S. MERYL, Associate Professor, Zoology, indefinite tenure beginning September 1, 1949, to render service during two semesters of each academic year, $5800 a year (4-22-49).

RUSSELL, GEORGE D., Special Research Assistant, Civil Engineering (S), July 1-September 15, 1949, $266.66 a month, and Special Research Graduate Assistant, Civil Engineering (S) (½), nine months beginning September 16, 1949, $133.33 a month (4-30-49).

SCHOOLMAN, JOSEPH G., Instructor, Otolaryngology (Medicine) (¾), one year beginning March 12, 1949, $3000 (5-4-49).

SEN, ARUN K., Assistant, Surgery (Medicine), five months beginning April 1, 1949, without salary (4-20-49).

SLICHTER, CHARLES P., Instructor, Physics (C), academic year beginning September 1, 1949, $4300 (4-28-49).

STICE, LESLIE F., Associate Professor, Agricultural Economics (E) (68/100), indefinite tenure beginning April 1, 1949, $3750 a year; in addition to $1750 a year to be paid by the United States Department of Agriculture, for which the University assumes no responsibility, supersedes (4-28-49).

TAYLOR, SAMUEL G., III, Assistant Professor, Medicine (Medicine) (½), one year beginning March 12, 1949, $3000 (5-4-49).

TERRIEN, FREDERIC W., Lecturer, Sociology, Research Assistant, Labor and Industrial Relations, academic year beginning September 1, 1949, $3900 (5-17-49).

WESSEL, IRIS D., Assistant, English, nine months beginning September 16, 1949, $2400 (5-12-49).

WRIGHT, HARRIET J., First Assistant, Home Economics (S), seven months beginning February 1, 1949, $3400 (4-23-49).

GRADUATE FELLOWS

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

BRENNAN, LAWRENCE E., Fellow, Electrical Engineering, September 16, 1949-January 31, 1950, $425, supersedes (4-29-49).

ONDREJCIN, JOHN J., Firestone Tire and Rubber Company Fellow, Chemistry, nine months beginning September 16, 1949, $1500 (4-22-49).

OSTERHELD, ROBERT K., Victor Chemical Works Fellow, Chemistry, nine months beginning September 16, 1949, $1500 (4-26-49).
PROCTOR, LAURA MAE, Fellow, English, nine months beginning September 16, 1949, $850 (4-26-49).
WILSON, JOHN S., Olin Industries, Inc., Fellow, Chemistry, nine months beginning September 16, 1949, $1500 (4-26-49).

RESIGNATIONS AND DECLINATIONS

BROOKS, FRANCES C., Assistant, Education, Philosophy, and Psychology Library — resignation effective 7-1-49.
CALDER, MRS. GRACE H., Assistant Psychometrist, Student Counseling Bureau — resignation effective 7-1-49.
DAANEN, JAMES W., Fellow, Physics — declination effective 9-16-49.
EDGCOMB, JOHN H., Fellow, Medicine — declination effective 7-1-49.
ETLER, A. D., Associate Professor, Music (School of Music, and the University Extension Division) — resignation effective 9-1-49.
FOSS, NOEL E., Professor, Pharmacy, Assistant Dean (College of Pharmacy) — resignation effective 7-1-49.
GRAHAM, KATHRYN, Catalog-Acquisition Librarian, rank of Instructor, Library (Undergraduate Division in Galesburg) — resignation effective 6-19-49.
HOEL, W. J., Instructor, Music — resignation effective 9-1-49.
HUNTER, ELMER C., Harry G. and Harriette A. Wright Fellow, Agricultural Economics — declination effective 9-16-49.
LADOF, MRS. NINA S., Acquisition Assistant, Library — resignation effective 7-28-49.
LAMPSON, MRS. ELAINE S., Chemistry Librarian, rank of Instructor — resignation effective 5-21-49.
MESKEN, BESSIE, Assistant Teacher, Nursery School (Division of Special Services for War Veterans) — resignation effective 7-1-49.
MORAN, MRS. MARGARET ELLEN, Assistant, Mining and Metallurgical Engineering (C), and Special Research Assistant, Mining and Metallurgical Engineering (S) — resignation effective 4-1-49.
PROCTOR, LAURA M., Fellow, English — declination effective 9-16-49.
REDGATE, EDWARD S., Fellow, Chemistry — declination effective 9-16-49.
SCHULTZ, SUSAN A., Assistant, Library School Library — resignation effective 6-22-49.
SPEISER, AMBROSIUS, Fellow, Electrical Engineering — declination effective 9-16-49.
TOMLINSON, MRS. MARY C., Catalog Assistant, Library — resignation effective 7-1-49.
TONSOR, STEPHEN J., Fellow, History — declination effective 9-16-49.
WILLETT, THELMA, Instructor, Music — resignation effective 9-1-49.

SUMMER SESSION BUDGET, 1949

Summary

Urbana-Champaign Divisions	$528 106	
Chicago Undergraduate Division	87 362	
Unassigned Salaries (to be assigned by the Dean of the Summer Session when enrollments require additional staff)	22 969	
Total, Summer Session		$638 437

URBANA-CHAMPAIGN DIVISIONS

Aeronautical Engineering	*Salary*	
1. R. W. McCloy, Associate Professor (67% time)	$ 830	
2. J. M. Coan, Associate Professor	1 200	
3. E. J. Seagrist, Instructor (67% time)	519	
4. A. I. Ormsbee, Instructor	756	
5. W. A. Brooks, Assistant (67% time)	358	$3 663

	Salary	
Agricultural Economics		
1. H. C. M. Case, Professor and Head of Department	....	
2. G. L. Jordan, Professor (35% time, June 20 to July 16)	267	
3. D. E. Lindstrom, Professor (55% time)	723	
4. R. J. Mutti, Assistant Professor (70% time)	707	
5. W. D. Buddemeier, Assistant Professor	889	
6. E. O. Heady, Visiting Lecturer	1 200	3 786
Agricultural Engineering		
1. E. W. Lehmann, Professor and Head of Department (50% time)	809	
2. R. I. Shawl, Professor (50% time)	685	
3. D. G. Carter, Professor (40% time, June 20 to July 16)	306	
4. A. L. Young, Associate Professor (June 20 to July 16)	592	
5. W. F. Lytle, Instructor (25% time)	169	
6. J. O. Curtis, Instructor (25% time)	172	2 733
Agronomy		
1. F. C. Bauer, Professor (20% time)	307	
2. E. P. Whiteside, Assistant Professor (20% time, June 20 to July 16)	97	
3. E. R. Leng, Assistant Professor (25% time)	187	591
Animal Science		
1. Sleeter Bull, Professor (50% time)	686	
2. T. S. Hamilton, Professor (40% time, June 20 to July 16)	315	
3. F. C. Francis, Assistant Professor (50% time)	458	1 459
Architecture		
1. C. E. Palmer, Professor (25% time)	417	
2. O. S. Fjelde, Professor	1 334	
3. J. E. Branch, Associate Professor	1 178	2 929
Art		
1. F. J. Roos, Jr., Professor	1 556	
2. C. V. Donovan, Professor	1 445	
3. J. D. Hogan, Associate Professor	1 167	
4. H. A. Schultz, Associate Professor (50% time)	556	
(See Education)	(556)	
(Total Salary)	(1 112)	
5. M. B. Martin, Assistant Professor	956	
6. R. L. Drummond, Assistant Professor	889	
7. J. W. Raushenberger, Instructor	889	
8. Nicola V. Ziroli, Instructor	889	
9. J. H. G. Lynch, Instructor	723	9 070
Astronomy		
1. W. E. Morrell, Assistant Professor	1 112	1 112
Bacteriology		
1. G. I. Wallace, Associate Professor and Acting Head of Department	1 400	
2. C. M. Wilson, Assistant Professor	978	
3. W. F. De Lorenzo, Assistant (50% time)	267	
4. J. R. Wilkins, Assistant (50% time)	267	
5. W. A. Zygmunt, Assistant (50% time)	267	
6. D. T. Maunder, Assistant (50% time)	267	3 446

	Salary	
Bands		
1. E. D. Kisinger, Assistant Professor (50% time)	534	
(See Music)	(534)	
(Total Salary)	(1 068)	534
Botany		
1. J. T. Buchholz, Professor	1 834	
2. Oswald Tippo, Associate Professor and Chairman of Department	1 223	
3. G. N. Jones, Associate Professor	1 200	
4. J. F. Nance, Assistant Professor	889	
5. R. K. Benjamin, Assistant (50% time)	267	
6. J. W. Hall, Assistant (50% time)	267	
7. R. C. Hecker, Assistant (50% time)	267	
8. A. W. Poitras, Assistant (50% time)	267	
9. J. H. Reinhart, Assistant (50% time)	267	6 481
Business Organization and Operation		
1. A. C. Littleton, Professor	1 667	
2. C. F. Schlatter, Professor	1 612	
3. H. H. Baily, Professor (25% time)	375	
4. Austin Grimshaw, Professor	1 778	
5. F. H. Beach, Associate Professor	1 478	
6. H. L. Newcomer, Associate Professor	1 423	
7. E. L. Theiss, Associate Professor	1 334	
8. H. G. Wales, Associate Professor	1 223	
9. C. J. Gaa, Associate Professor	1 289	
10. P. C. Roberts, Associate Professor	1 112	
11. R. K. Mautz, Assistant Professor	1 112	
12. C. C. Curtis, Assistant Professor	1 112	
13. D. J. Luck, Assistant Professor (50% time)	556	
14. W. E. Thomas, Assistant Professor (50% time)	500	
15. N. D. Wakefield, Assistant Professor (50% time)	500	
16. J. M. Carrithers, Assistant Professor (50% time)	500	
17. Nugent Wedding, Assistant Professor	1 000	
18. H. E. Breen, Assistant Professor (50% time)	489	
19. F. L. Roberts, Instructor (50% time)	400	
20. W. T. Davis, Instructor (50% time)	445	
21. R. M. James, Instructor (50% time)	334	
22. Clinton Spivey, Instructor	734	
23. Mrs. Dorothy Litherland, Instructor (50% time)	367	
24. A. E. Hurt, Instructor (50% time)	334	
25. R. G. Seymour, Instructor (50% time)	400	
26. J. S. Begando, Instructor (50% time)	400	
27. J. E. Moyer, Assistant (50% time)	300	
28. C. L. Dunn, Assistant (50% time)	300	
29. H. J. Jacobs, Assistant (50% time)	267	
30. H. L. Crouse, Assistant (50% time)	267	
31. R. S. Hancock, Assistant (50% time)	289	
32. C. M. Crawford, Assistant (33% time)	178	
33. J. R. Lowery, Assistant (50% time)	267	24 342
Ceramic Engineering		
1. A. W. Allen, Assistant Professor	1 112	1 112
Chemistry		
1. J. C. Bailar, Jr., Professor	2 000	
2. E. W. Comings, Professor	1 556	
3. G. F. Smith, Professor	1 378	
4. H. A. Laitinen, Professor	1 556	

		Salary	
5.	H. R. Snyder, Professor	1 423	
6.	Therald Moeller, Associate Professor	1 200	
7.	D. R. Martin, Assistant Professor	1 012	
8.	C. S. Vestling, Assistant Professor (50% time)	578	
9.	L. M. Henderson, Assistant Professor	1 112	
10.	H. G. Drickamer, Assistant Professor	1 156	
11.	J. W. Westwater, Assistant Professor	934	
12.	R. L. Frank, Assistant Professor	1 156	
13.	N. J. Leonard, Assistant Professor	1 112	
14.	E. R. Alexander, Assistant Professor	978	
15.	Roger Ray, Assistant Professor	1 112	
16.	P. E. Yankwich, Assistant Professor	978	
17.	Milton Tamres, Instructor	800	
18.	R. A. Johnson, Instructor	800	
19.	W. M. Campbell, Instructor (75% time)	600	
20.	L. E. Miller, Instructor (Paid from Organic Chemical Manufactures)	(934)	
21.	R. M. Ross, Instructor	800	
22.	G. L. Bushey, Instructor	800	
23.	Thomas Baron, Instructor	800	
24.	————, Assistant (50% time)	267	
25.	————, Assistant (50% time)	267	
26.	————, Assistant (50% time)	267	
27.	————, Assistant (50% time)	267	
28.	————, Assistant (50% time)	267	
29.	————, Assistant (50% time)	267	
30.	————, Assistant (50% time)	267	
31.	————, Assistant (50% time)	267	
32.	————, Assistant (50% time)	267	
33.	————, Assistant (50% time)	267	
34.	————, Assistant (50% time)	267	
35.	————, Assistant (50% time)	267	
36.	————, Assistant (50% time)	267	
37.	————, Assistant (50% time)	267	
38.	————, Assistant (50% time)	267	
39.	————, Assistant (50% time)	267	
40.	————, Assistant (50% time)	267	
41.	————, Assistant (50% time)	267	
42.	————, Assistant (50% time)	267	
43.	————, Assistant (50% time)	267	
44.	————, Assistant (50% time)	267	
45.	————, Assistant (50% time)	267	
46.	————, Assistant (50% time)	267	
47.	————, Assistant (50% time)	267	
48.	————, Assistant (50% time)	267	
49.	————, Assistant (50% time)	267	
50.	————, Assistant (50% time)	267	
51.	————, Assistant (50% time)	267	
52.	————, Assistant (50% time)	267	
53.	————, Assistant (25% time)	134	
54.	W. B. Treumann, Visiting Lecturer	1 200	32 918

Civil Engineering

1.	T. C. Shedd, Professor of Structural Engineering	2 000	
2.	Jamison Vawter, Professor	1 778	
3.	W. A. Oliver, Professor	1 334	
4.	J. G. Clark, Associate Professor	1 289	(6 401)

Summer Surveying Camp

5.	W. H. Rayner, Camp Director (⅞ time)	1 058	
6.	M. O. Schmidt, Camp Manager (June 13 to August 20)	1 334	
7.	G. H. Dell, Associate Professor (⅝ time)	695	

	Salary	
8. L. D. Walker, Associate Professor	1 244	
9. F. A. Reickert, Associate Professor	1 244	
10. E. R. Bretscher, Assistant Professor	978	
11. E. J. Daily, Assistant Professor	978	
12. J. C. Chaderton, Instructor	1 000	
13. J. W. Seyler, Instructor	734	
14. R. A. Sproat, Instructor	734	
15. C. H. Koontz, Assistant	534	
16. N. L. Liver, Jr., Assistant	534	
17. A. G. Biliskis, Camp Doctor (July 11 to August 13)	250	(11 317) 17 718

Classics

1. B. E. Perry, Professor	1 606	
2. Alexander Turyn, Professor (50% time)	723	
3. L. D. Johnston, Assistant Professor	934	3 263

Dairy Science

1. W. W. Yapp, Professor of Dairy Cattle Husbandry (June 20 to July 16)	357	
2. K. E. Gardner, Assistant Professor (50% time)	575	
3. E. E. Ormiston, Assistant Professor (50% time)	513	1 445

Division of Special Services for War Veterans
Nursery School

1. Theresa Peterson, Instructor (5/7 time)	572	
2. Jean DeLaney, Instructor (5/7 time)	508	
3. Cornelia Clary, Instructor (5/7 time)	493	
4. Esther Black, Instructor (5/7 time)	493	
5. Marlys Kline, Assistant Teacher (5/7 time)	397	
6. Betty Ashworth, Assistant Teacher (5/7 time)	397	
7. Mrs. Patricia Hunt, Assistant Teacher (5/7 time)	397	
8. ————, Assistant Teacher (5/7 time)	397	3 654

Economics

1. P. H. Brown, Professor and Acting Head of Department	1 500	
2. H. K. Allen, Professor	1 612	
3. J. F. Bell, Professor	1 600	
4. H. M. Gray, Professor	.....	
5. E. E. Hagen, Professor (50% time)	834	
6. D. W. Smythe, Professor	1 778	
7. E. T. Weiler, Professor	1 556	
8. R. W. Harbeson, Associate Professor	1 156	
9. D. L. Kemmerer, Associate Professor	1 400	
10. R. M. Nolen, Associate Professor	1 400	
11. R. C. Osborn, Associate Professor	1 223	
12. J. B. Parrish, Associate Professor	1 223	
13. P. M. Van Arsdell, Associate Professor	1 445	
14. G. A. Kleiner, Assistant Professor	1 112	
15. J. L. McConnell, Assistant Professor	1 112	
16. R. I. Mehr, Assistant Professor	1 200	
17. D. W. Paden, Assistant Professor	1 112	
18. Eleanor Casebier, Assistant (50% time)	267	
19. T. C. Cobb, Assistant (50% time)	267	
20. H. M. Dixon, Assistant (50% time)	267	
21. M. T. Edelman, Assistant (50% time)	267	
22. P. M. Faucett, Jr., Assistant (50% time)	267	
23. C. W. Fristoe, Assistant (50% time)	267	
24. E. A. Hale, Assistant (50% time)	267	
25. A. S. Hall, Assistant (50% time)	267	
26. Leo Herzel, Assistant (50% time)	267	

		Salary	
27.	E. E. Liebhafsky, Assistant (50% time)	267	
28.	R. H. Mason, Assistant (50% time)	267	
29.	Martha Pruitt, Assistant (50% time)	267	
30.	D. L. Spriggs, Assistant (50% time)	267	
31.	R. J. Teweles, Assistant (50% time)	267	25 001

Education

1.	K. D. Benne, Professor	1 489	
2.	T. E. Benner, Professor	2 000	
3.	G. M. Blair, Professor	1 334	
4.	R. B. Browne, Professor	.....	
5.	R. W. Burnett, Professor	1 334	
6.	F. G. Cornell, Professor	.....	
7.	J. J. DeBoer, Professor	1 334	
8.	G. P. Deyoe, Professor	.....	
9.	A. F. Dodge, Professor	1 371	
10.	H. M. Hamlin, Professor	.....	
11.	H. C. Hand, Professor	1 556	
12.	W. V. Kaulfers, Professor	1 334	
13.	S. A. Kirk, Professor	1 445	
14.	A. B. Mays, Professor	1 612	
15.	C. W. Odell, Professor	1 334	
16.	E. F. Potthoff, Professor (25% time)	417	
17.	E. H. Reeder, Professor	1 578	
18.	B. O. Smith, Professor	1 556	
19.	F. H. Finch, Associate Professor	1 223	
20.	M. K. Humble, Associate Professor	1 200	
21.	W. P. McLure, Associate Professor (25% time)	.....	
22.	P. V. Miller, Associate Professor (25% time)	.....	
23.	H. A. Schultz, Associate Professor of Art Education (50% time)	556	
	(See Art)	(556)	
	(Total Salary)	(1 112)	
24.	J. H. Shores, Associate Professor	1 112	
25.	R. H. Simpson, Associate Professor	1 223	
26.	M. R. Sumption, Associate Professor (25% time)	.....	
27.	B. F. Timmons, Associate Professor of Sociology (50% time)	645	
	(See Sociology and Anthropology)	(644)	
	(Total Salary)	(1 289)	
28.	J. L. Trump, Associate Professor (50% time)	.....	
29.	Letitia Walsh, Associate Professor	1 278	
30.	A. W. Anderson, Assistant Professor	1 156	
31.	W. R. Dixon, Assistant Professor	889	
32.	J. T. Hastings, Assistant Professor (50% time)	.....	
33.	C. G. Knapp, Assistant Professor (67% time)	712	
	(See Physical Education for Men)	(356)	
	(Total Salary)	(1 068)	
34.	Vivian R. Nuess, Assistant Professor of Mathematics	889	
35.	G. W. Reagan, Assistant Professor	1 128	
36.	W. O. Stanley, Assistant Professor	1 067	
37.	J. N. Weiss, Assistant Professor	.....	
38.	R. E. Wochner, Assistant Professor (25% time)	.....	
39.	Florence M. Flach, Instructor (50% time)	.....	
40.	L. J. Phipps, Instructor	.....	
41.	E. G. Pogue, Instructor and Assistant Director of Teacher Education	934	
42.	D. S. Ward, Instructor	889	
43.	L. V. Peterson, Instructor	.....	
44.	Sue Crain, Instructor	954	

		Salary	
45.	Mrs. Metta M. Zahorsky, Instructor	800	
46.	————————, Teacher of Elementary Demonstration School (June 20 to July 30)	800	
47.	————————, Assistant	600	
48.	————————, Assistant	600	
49.	————————, Assistant	600	
50.	————————, Assistant	600	
51.	W. F. Connell, Visiting Lecturer	.....	
52.	Millie Almy, Visiting Lecturer	1 200	
53.	G. C. Boone, Visiting Lecturer	1 400	
54.	R. G. Brill, Visiting Lecturer	1 112	
55.	C. G. Browne, Visiting Lecturer	1 400	
56.	J. S. Brubacher, Visiting Lecturer	1 800	
57.	Clara Chiara, Visiting Lecturer	1 200	
58.	A. H. Hollenberg, Visiting Lecturer (June 17 to July 16)	600	
59.	Stanton Leggett, Visiting Lecturer (June 20 to July 16)	750	
60.	P. W. Pinckney, Visiting Lecturer	1 500	
61.	S. M. Stoke, Visiting Lecturer	1 500	
62.	H. S. Zim, Visiting Lecturer	1 200	
63.	C. W. Humphrey, Visiting Lecturer (Business Education)	1 200	
64.	Wages	600	
65.	Expense in Connection with Special Practice Schools	1 200	
66.	Expense for Conferences (Public School Administration, Elementary Education, Adult Education)	1 200	
67.	Expense for P.T.A. Conference	100	
68.	Expense for Conference on Exceptional Children	500	58 011

Electrical Engineering

1.	L. T. DeVore, Professor (50% time)	667	
2.	M. A. Faucett, Professor	1 378	
3.	E. C. Jordan, Professor (50% time)	667	
4.	C. A. Keener, Professor	1 423	
5.	A. R. Knight, Professor	1 734	
6.	J. O. Kraehenbuehl, Professor	1 512	
7.	E. A. Reid, Professor	1 334	
8.	A. L. Samuel, Professor (50% time)	1 112	
9.	L. B. Archer, Associate Professor	1 156	
10.	M. S. Helm, Associate Professor	1 112	
11.	C. E. Skroder, Associate Professor	1 209	
12.	W. G. Albright, Assistant Professor	889	
13.	A. D. Bailey, Assistant Professor (50% time)	520	
14.	E. F. DeMers, Assistant Professor (50% time)	445	
15.	W. H. Byers, Assistant Professor	934	
16.	P. R. Egbert, Assistant Professor	934	
17.	D. F. Hang, Assistant Professor	889	
18.	P. K. Hudson, Assistant Professor	934	
19.	W. E. Miller, Assistant Professor	1 000	
20.	T. A. Murrell, Assistant Professor (50% time)	534	
21.	P. F. Schwarzlose, Assistant Professor (50% time)	520	
22.	R. H. Nau, Assistant Professor	934	
23.	G. R. Peirce, Assistant Professor	1 040	
24.	J. E. Williams, Assistant Professor	1 067	
25.	H. W. Katz, Instructor (50% time)	390	
26.	Buford Smith, Jr., Instructor (50% time)	367	
27.	M. H. Crothers, Instructor	867	
28.	Meyer Gilden, Instructor (50% time)	356	
29.	A. S. Chodakowski, Instructor (50% time)	423	
30.	C. L. Coates, Jr., Instructor (50% time)	356	
31.	————————, Instructor (50% time)	400	
32.	————————, Instructor (50% time)	400	27 503

		Salary	
	English		
1.	H. F. Fletcher, Professor	2 056	
2.	R. M. Smith, Professor	1 334	
3.	J. T. Flanagan, Associate Professor	1 369	
4.	R. A. Gettmann, Associate Professor	1 289	
5.	S. E. Glenn, Associate Professor	1 289	
6.	E. R. Wasserman, Associate Professor	1 112	
7.	R. B. Weirick, Associate Professor	1 112	
8.	G. P. Haskell, Assistant Professor	889	
9.	J. N. Hook, Assistant Professor	889	
10.	E. G. Mathews, Assistant Professor (33% time)	292	
11.	G. B. Stillwell, Assistant Professor	889	
12.	C. W. Wilkinson, Assistant Professor (50% time)	500	
	(See Student Counseling Bureau)	(500)	
	(Total Salary)	(1 000)	
13.	R. H. Moore, Instructor (50% time)	389	
14.	A. J. Carr, Instructor	778	
15.	J. H. Schacht, Instructor	734	
16.	F. G. Townsend, Instructor	734	
17.	Margaret French, Instructor (83% time)	649	
18.	Cornelia Kelley, Instructor (67% time)	519	
19.	F. W. Weeks, Instructor in Business English	867	
20.	Margaret Bloom, Instructor (33% time)	260	
21.	A. L. Fellows, Instructor in Business English	778	
22.	G. S. Amsbary, Instructor in Business English	.....	
23.	N. P. Davis, Instructor in Business English	667	
24.	G. N. Thomas, Instructor (50% time)	334	
25.	W. E. Buckler, Instructor (50% time)	334	
26.	J. L. Jackson, Instructor (50% time)	334	
27.	George Scouffas, Assistant	712	
28.	C. T. Wilkins, Assistant (50% time)	289	
29.	R. G. Brooks, Assistant (50% time)	345	
	(See Student Counseling Bureau)	(344)	
	(Total Salary)	(689)	
30.	Sonia Miller, Assistant (50% time)	289	
31.	L. M. Magill, Jr., Assistant (50% time)	350	
	(See Student Counseling Bureau)	(350)	
	(Total Salary)	(700)	
32.	Constance Nicholas, Assistant (50% time)	289	
33.	W. C. McAvoy, Assistant (50% time)	267	
34.	J. H. Dugas, Assistant (50% time)	267	
35.	Mrs. Mildred W. Goodner, Assistant (50% time)	333	
	(See Student Counseling Bureau)	(334)	
	(Total Salary)	(667)	
36.	Leland Brown, Assistant in Business English	636	
37.	J. T. Maguire, Assistant in Business English	578	
38.	J. B. Foster, Assistant (50% time)	289	
39.	J. F. Speer, Assistant (50% time)	267	
40.	J. D. Bailey, Assistant (50% time)	289	
41.	Mrs. Mary Simon, Assistant (33% time)	178	
42.	Mrs. Josephine Evans, Assistant	534	
43.	R. R. Gard, Assistant (50% time)	267	
44.	J. E. Bellamy, Assistant (50% time)	267	
45.	D. C. Allen, Visiting Lecturer	1 500	28 343
	Entomology		
1.	W. P. Hayes, Professor and Head of Department	1 667	
2.	W. V. Balduf, Professor	1 369	
3.	V. G. Milum, Associate Professor (50% time)	556	
4.	M. I. Cooper, Assistant (50% time)	267	3 859

Food Technology

	Salary	
1. P. H. Tracy, Professor (31% time)	445	
2. S. L. Tuckey, Associate Professor (50% time)	585	1 030

French

1. C. A. Knudson, Professor	1 545	
2. Philip Kolb, Assistant Professor	889	
3. Mrs. Jane Haynes, Assistant	534	
4. G. M. Oudyn, Assistant (50% time)	267	
5. E. G. Porter, Assistant (50% time)	267	
6. Walter Staaks, Assistant (50% time)	267	3 769

General Engineering Drawing

1. J. E. Pearson, Assistant Professor	1 023	
2. W. R. Duke, Instructor (67% time)	475	
3. R. D. Henson, Assistant	623	2 121

Geography

1. W. O. Blanchard, Professor	1 334	
2. J. L. Page, Associate Professor	1 112	
3. J. H. Garland, Associate Professor	1 112	
4. A. W. Booth, Assistant Professor	1 000	4 558

Geology

1. H. W. Scott, Professor	1 445	
2. J. L. Hough, Associate Professor (50% time)	612	
3. R. L. Threet, Assistant	534	
4. R. H. Shaver, Assistant (50% time)	267	
5. R. C. Weart, Assistant (50% time)	267	
6. D. H. Chapman, Visiting Lecturer	1 200	4 325

German

1. Helmut Rehder, Professor and Head of Department	1 934	
2. J. T. Geissendoerfer, Professor (66% time)	904	
3. F. J. Nock, Assistant Professor	1 000	
4. Henri Stegemeier, Assistant Professor	1 000	
5. Pauline Steiner, Instructor (50% time)	334	
6. ————————, Instructor (50% time)	334	
7. Betty R. Hubka, Assistant (50% time)	267	5 773

Graduate Seminar in Computing Machine Methods

1. J. L. Doob, Professor of Mathematics	2 000	
2. A. H. Taub, Research Professor of Mathematics (50% time)	945	
3. A. T. Nordsieck, Professor of Electrical Engineering	1 667	4 612

History

1. F. C. Dietz, Professor and Acting Head of Department	2 000	
2. F. A. Shannon, Professor	1 723	
3. F. S. Rodkey, Professor	1 334	
4. R. P. Stearns, Professor	1 445	
5. C. E. Nowell, Associate Professor	1 289	
6. C. G. Starr, Jr., Associate Professor	1 156	
7. J. B. Sirich, Assistant Professor	978	
8. Natalia M. Belting, Associate	778	
9. R. M. Sutton, Instructor	806	
10. ————————, Assistant (50% time)	312	
11. ————————, Assistant (50% time)	312	
12. ————————, Assistant (33% time)	208	

		Salary	
13.	————————, Assistant (33% time)	208	
14.	————————, Assistant (33% time)	208	
15.	————————, Assistant (33% time)	208	
16.	————————, Assistant (33% time)	208	
17.	————————, Assistant (33% time)	208	
18.	————————, Assistant (33% time)	208	13 589

Home Economics

1.	Nellie L. Perkins, Professor (June 20 to July 16)	667	
2.	Janice M. Smith, Professor (75% time)	1 077	
3.	Doris J. Brockway, Associate Professor (July 18 to August 13).	556	
4.	Mrs. Pearl Z. Janssen, Associate Professor (June 20 to July 16)	578	
5.	Margaret R. Goodyear, Assistant Professor (80% time, July 18 to August 13)	356	
6.	Ida B. Johnson, Instructor (June 20 to July 16)	334	
7.	Betty Jean Garlick, Instructor (June 20 to July 16)	334	
8.	————————, Visiting Lecturer (June 20 to July 16)	400	4 302

Horticulture

1.	A. S. Colby, Professor (50% time, July 25 to August 13)	250	
2.	J. R. Kamp, Associate Professor (50% time)	556	
3.	R. L. McMunn, Assistant Professor (50% time, June 20 to July 23)	341	1 147

Journalism

1.	L. W. Murphy, Professor	1 545	
2.	Arne Rae, Associate Professor (75% time)	891	
3.	L. W. McClure, Associate Professor	1 112	
4.	J. T. Trebilcock, Assistant Professor	1 023	
5.	D. E. Brown, Assistant Professor	960	
6.	Eunice Collins, Assistant Professor (50% time)	458	
7.	————————, Assistant Professor (50% time)	600	
8.	F. B. Senger, Jr., Instructor	800	
9.	P. A. Spradling, Instructor (50% time)	356	
10.	G. H. Dowler, Instructor (50% time)	334	
11.	B. R. Moeckel, Assistant (50% time)	267	
12.	A. T. Pouncey, Visiting Lecturer	1 250	9 596

Law

1.	M. I. Schnebly, Professor (75% time)	1 834	
2.	W. L. Summers, Professor (50% time)	1 223	
3.	R. N. Sullivan, Professor (75% time)	1 667	
4.	E. W. Cleary, Professor (75% time)	1 500	
5.	G. B. Weisiger, Professor	1 778	
6.	H. W. Holt, Professor (75% time)	1 334	
7.	K. S. Carlston, Professor (75% time)	1 334	
8.	A. F. Conard, Associate Professor (75% time)	1 200	
9.	J. N. Young, Assistant Professor	1 156	
10.	J. E. Cribbet, Assistant Professor	1 112	14 138

Library School

1.	Ethel Bond, Associate Professor	1 209	
2.	Herbert Goldhor, Associate Professor	1 112	
3.	Viola L. James, Instructor	800	
4.	Kathryn L. Luther, Assistant	534	
5.	————————, Assistant	534	

	Salary	
6. G. R. Lyle, Visiting Lecturer	1 200	
7. Jerrold Orne, Visiting Lecturer	1 000	
8. Lura E. Crawford, Visiting Lecturer	800	
9. Lester Asheim, Visiting Lecturer	1 000	
10. ———, Visiting Lecturer (50% time)	340	
11. Olive De Bruler, Visiting Lecturer	900	
12. K. O. Burg, Visiting Lecturer	700	
13. Expenses of Institute for Librarians in Service	500	10 629

Mathematics

1. H. R. Brahana, Professor (50% time)	945	
2. Harry Levy, Associate Professor	1 112	
3. J. W. Peters, Associate Professor	1 112	
4. Josephine H. Chanler, Assistant Professor	956	
5. H. E. Vaughan, Assistant Professor	956	
6. Echo D. Pepper, Assistant Professor	956	
7. V. A. Hoersch, Assistant Professor	889	
8. Wilfrid Wilson, Assistant Professor	889	
9. W. A. Ferguson, Assistant Professor	889	
10. B. E. Meserve, Assistant Professor	889	
11. Lowell Schoenfeld, Assistant Professor	945	
12. Irving Reiner, Assistant Professor	889	
13. W. F. Atchison, Instructor	867	
14. E. J. Scott, Instructor	845	
15. F. E. Hohn, Instructor	845	
16. M. K. Fort, Jr., Instructor	845	
17. R. G. Langebartel, Instructor	800	
18. Clarence Phillips, Assistant	694	
19. G. T. Cates, Assistant	578	
20. D. R. Clutterham, Assistant	534	
21. L. L. Scott, Assistant (50% time)	289	
22. L. L. Layton, Assistant (50% time)	289	
23. W. R. Orton, Jr., Assistant (50% time)	267	
24. D. A. Page, Assistant (50% time)	267	
25. P. F. Conrad, Assistant (50% time)	267	
26. W. A. Howard, Assistant (33% time)	178	
27. Laurie J. Snell, Assistant (50% time)	267	
28. G. R. Livesay, Assistant (50% time)	267	
29. L. K. Hua, Visiting Professor	1 445	
30. Martha Hildebrandt, Visiting Lecturer	1 000	21 971

Mechanical Engineering

1. C. W. Ham, Professor of Machine Design	1 618	
2. D. G. Ryan, Professor	1 512	
3. K. J. Trigger, Professor	1 423	
4. W. L. Hull, Associate Professor	1 200	
5. J. C. Miles, Associate Professor	1 112	
6. E. L. Broghamer, Associate Professor	1 112	
7. D. H. Krans, Associate Professor	1 112	
8. J. A. Henry, Associate Professor	1 112	
9. E. D. Luke, Associate Professor	1 112	
10. C. D. Greffe, Assistant Professor	1 023	
11. E. F. Hebrank, Assistant Professor	1 023	
12. R. C. Juvinall, Assistant Professor	1 023	
13. L. M. Zubko, Assistant Professor	1 023	
14. H. D. Bareither, Instructor	800	
15. J. R. Carroll, Jr., Instructor	800	

	Salary	
16. J. W. Bayne, Instructor	723	
17. C. H. McClay, Instructor	723	
18. T. A. Coultas, Instructor	778	
19. W. M. Schultz, Instructor	667	
20. G. L. Jenkins, Instructor	667	
21. R. L. Wehe, Instructor (75% time)	500	
22. ————, Instructor	778	
23. A. E. Noreen, Instructor	712	
24. J. T. Sharpe, Instructor	667	
25. H. H. Korst, Visiting Lecturer	889	24 109

Mining and Metallurgical Engineering

1. A. C. Forsyth, Assistant Professor (50% time)	556	
2. B. G. Ricketts, Assistant Professor (66% time)	742	1 298

Music

1. Hubert Kessler, Professor	1 334	
2. Sherman Schoonmaker, Professor	1 334	
3. B. R. Foote, Professor	1 334	
4. D. A. Branigan, Associate Professor (33% time)	519	
5. M. H. Hindsley, Associate Professor (33% time)	445	
6. Paul Rolland, Associate Professor	1 223	
7. Mrs. Velma K. Wilson, Associate Professor	1 112	
8. G. R. Waller, Associate Professor (50% time)	556	
9. J. W. Schiller, Assistant Professor	1 112	
10. L. R. Hamp, Assistant Professor	1 069	
11. P. S. Pettinga, Assistant Professor (60% time)	574	
(See Student Counseling Bureau)	(383)	
(Total Salary)	(957)	
12. H. O. Sexton, Assistant Professor	934	
13. E. D. Kisinger, Assistant Professor (50% time)	534	
(See Bands)	(534)	
(Total Salary)	(1 068)	
14. Wolfgang Kuhn, Assistant Professor (75% time)	612	
15. A. J. McDowell, Instructor	867	
16. A. M. Carter, Instructor	667	
17. G. H. Hunter, Instructor	667	
18. W. J. Hoel, Instructor	734	
19. Phyllis Kraeuter, Visiting Lecturer	1 300	
20. Karl Kraeuter, Visiting Lecturer	1 300	
21. Grant Johannesen, Visiting Lecturer	1 300	
22. ————, Visiting Lecturer	1 334	
23. H. A. Decker, Visiting Lecturer	989	
24. Expense for Youth Orchestra	4 500	26 350

Philosophy

1. M. H. Fisch, Professor	1 667	
2. N. M. Lawrence, Instructor	778	
3. H. M. Tiebout, Jr., Instructor	778	
4. Robert Sternfeld, Instructor	778	4 001

Physical Education for Men

1. D. R. Mills, Professor (14% time)	334	
2. T. K. Cureton, Jr., Professor	1 667	
3. G. T. Stafford, Professor (75% time)	1 167	
4. Raymond Eliot, Associate Professor (15% time)	334	
5. W. H. Roettger, Associate Professor (23% time)	334	

	Salary	
6. R. H. Johnson, Assistant Professor (67% time)	756	
7. C. G. Knapp, Assistant Professor (33% time)	356	
(See Education)	(712)	
(Total Salary)	(1 068)	
8. E. F. Sierks, Assistant Professor (80% time)	836	
9. H. E. Kenney, Assistant Professor (50% time)	645	
10. R. E. Shelton, Assistant Professor (67% time)	682	
11. W. J. Huffman, Instructor (67% time)	593	
12. A. H. Seidler, Instructor (25% time)	192	
13. A. W. Hubbard, Instructor (75% time)	600	
14. P. A. Hunsicker, Instructor (25% time)	200	
15. B. H. Massey, Instructor (75% time)	550	
16. R. J. Runkle, Assistant (25% time)	183	
17. W. J. Barber, Assistant (25% time)	156	
18. A. P. Wojnarowski, Assistant (25% time)	134	
19. W. H. Eyler, Assistant (33% time)	178	
20. Wages for Summer Session Recreational Program	480	10 377

Physical Education for Women

1. M. Florence Lawson, Assistant Professor	1 112	
2. Carita Robertson, Assistant Professor	1 089	
3. Lorraine M. Nielsen, Assistant	534	
4. Ruth Hoover, Visiting Lecturer	900	3 635

Physics

1. R. F. Paton, Associate Professor	1 289	
2. J. S. Allen, Associate Professor	1 445	
3. R. D. Rawcliffe, Assistant Professor	1 245	
4. J. N. Snyder, Instructor	889	
5. R. O. Kerman, Assistant (33% time)	178	
6. M. E. Wyman, Assistant (33% time)	178	
7. Lila M. Wells, Assistant (16% time)	89	5 313

Political Science

1. C. M. Kneier, Professor and Chairman of Department (90% time)	2 000	
2. C. B. Hagan, Associate Professor	1 112	
3. R. E. Scott, Instructor	778	
4. N. F. Garvey, Instructor (25% time)	167	
5. J. B. Mason, Visiting Lecturer	1 400	5 457

Psychology

1. Herbert Woodrow, Professor and Head of Department	1 889	
2. O. H. Mowrer, Research Professor	2 000	
3. M. E. Bunch, Professor	1 612	
4. H. A. Grace, Assistant Professor	934	
5. G. R. Grice, Assistant Professor	889	
6. A. L. Irion, Assistant Professor	889	
7. P. V. Marchetti, Instructor	889	
8. A. J. Brodbeck, Instructor (50% time)	445	
9. R. G. Demaree, Assistant (50% time)	267	9 814

Social Welfare Administration

1. W. P. Simon, Associate Professor	1 245	
2. Edward Linzer, Assistant Professor	1 098	
3. D. Katharine Rogers, Assistant Professor	1 023	
4. Rachel B. Marks, Assistant Professor	1 023	

	Salary	
5. Mrs. Esther Schour, Assistant Professor (75% time)	1 000	
6. Marjorie Main, Instructor	800	
7. Mrs. Bernice Perlman, Instructor	800	
8. Warren Sawyer, Visiting Lecturer (50% time)	600	7 589

Sociology and Anthropology

1. D. R. Taft, Professor	1 445	
2. B. F. Timmons, Associate Professor (50% time)	644	
(See Education)	(645)	
(Total Salary)	(1 289)	
3. J. C. McGregor, Associate Professor of Anthropology	1 178	
4. J. E. Hulett, Jr., Assistant Professor	1 112	
5. Robert Bierstedt, Assistant Professor	1 000	
6. T. C. Esselstyn, Instructor	712	
7. Max Kaplan, Assistant	623	6 714

Spanish and Italian

1. John Van Horne, Professor and Head of Department	1 834	
2. H. R. Kahane, Associate Professor	1 278	
3. J. S. Flores, Assistant Professor (50% time)	467	
4. G. M. Moser, Assistant Professor (50% time)	445	
5. ————, Instructor (50% time)	334	
6. Mrs. Ruth Fosnaugh, Assistant (50% time)	334	
7. Mrs. Verna Townsend, Assistant (50% time)	267	
8. Richard Beym, Assistant (50% time)	267	
9. Alison M. Symon, Assistant (50% time)	267	
10. ————, Assistant (50% time)	267	
11. ————, Assistant (50% time)	267	
12. ————, Assistant (50% time)	267	
13. ————, Assistant (50% time)	267	6 561

Speech

1. K. R. Wallace, Professor and Head of Department (50% time)	889	
2. Grant Fairbanks, Professor (50% time)	889	
3. B. W. Hewitt, Professor	1 445	
4. W. M. Parrish, Professor	1 334	
5. E. T. Curry, Associate Professor	1 289	
6. Richard Murphy, Associate Professor	1 156	
7. Severina E. Nelson, Associate Professor	1 112	
8. Wesley Swanson, Associate Professor	1 112	
9. O. A. Dieter, Assistant Professor	956	
10. H. E. Gulley, Assistant Professor	889	
11. Marie K. Hochmuth, Assistant Professor	889	
12. L. S. Hultzén, Assistant Professor	1 112	
13. H. L. Mueller, Assistant Professor	889	
14. C. B. Owens, Assistant Professor	983	
15. K. A. Windesheim, Assistant Professor	1 112	
16. G. J. Taylor, Assistant Professor	1 000	
17. W. W. Adams, Instructor (50% time)	356	
18. K. W. Broadrick, Instructor	800	
19. Mrs. Naomi W. Hunter, Instructor	802	
20. Ida Levinson, Instructor	812	
21. Mrs. Beulah W. Swengel, Instructor	780	
22. L. W. Olson, Instructor	738	
23. Mrs. Marie O. Shere, Instructor	834	
24. O. M. Walter, Jr., Instructor	712	
25. Ned Donahoe, Assistant	534	
26. Genevieve Richardson, Assistant	534	

	Salary	
27. Susanna Baltzer, Assistant (50% time)	267	
28. A. S. House, Assistant (50% time)	267	
29. Arlyth M. Rogers, Assistant (50% time)	267	
30. ————, Assistant (50% time)	267	
31. J. P. Leland, Visiting Lecturer	1 000	
32. ————, Visiting Lecturer	1 400	
33. ————, Visiting Lecturer (for three lectures in the area of the theatre)	500	
34. ————, Visiting Lecturer (for three lectures on rhetoric and public address)	500	
35. ————, Clinical Supervisor (one full-time person or two part-time persons)	550	
36. Wages for Children's Summer Clinic (Funds supplied by Division of Services for Crippled Children)	(6 500)	28 976

Student Counseling Bureau

1. R. G. Brooks, Counselor (50% time)	344	
(See English)	(345)	
(Total Salary)	(689)	
2. Mrs. Mildred W. Goodner, Counselor (50% time)	334	
(See English)	(333)	
(Total Salary)	(667)	
3. L. M. Magill, Jr., Counselor (50% time)	350	
(See English)	(350)	
(Total Salary)	(700)	
4. C. W. Wilkinson, Counselor (50% time)	500	
(See English)	(500)	
(Total Salary)	(1 000)	
5. P. S. Pettinga, Counselor (40% time)	383	
(See Music)	(574)	
(Total Salary)	(957)	
6. W. N. Stewart, Counselor (60% time)	534	2 445

Theoretical and Applied Mechanics

1. W. J. Putnam, Professor	1 423	
2. W. M. Lansford, Professor	1 334	
3. J. O. Smith, Associate Professor (50% time)	667	
4. W. L. Collins, Associate Professor (50% time)	612	
5. P. G. Jones, Assistant Professor (50% time)	556	
6. R. L. Brown, Assistant Professor	1 012	
7. H. M. Fitch, Assistant Professor	1 012	
8. W. B. Sanders, Instructor	809	
9. ————, Instructor	809	
10. H. T. Corten, Instructor	809	
11. C. E. Taylor, Instructor (50% time)	400	
12. ————, Instructor	734	10 177

Zoology and Physiology

1. F. B. Adamstone, Professor of Zoology and Acting Head of Department	1 445	
2. R. R. Kudo, Professor of Zoology	1 600	
3. F. R. Steggerda, Professor of Physiology	1 334	
4. A. B. Taylor, Associate Professor of Physiology	1 112	
5. H. I. Fisher, Assistant Professor of Zoology	1 045	
6. H. M. Smith, Assistant Professor of Zoology	1 040	
7. J. B. Kitzmiller, Instructor in Zoology	778	
8. Beatrice M. Flori, Assistant in Zoology (50% time)	267	
9. S. W. Freyburger, Assistant in Physiology (50% time)	267	
10. C. E. Hume, Assistant in Zoology (50% time)	267	

	Salary	
11. Mabel C. Paterson, Assistant in Zoology (50% time)	267	
12. R. M. Wetzel, Assistant in Zoology (50% time)	267	
13. Virginia L. Yeater, Assistant in Zoology (50% time)	267	
14. L. S. Miller, Assistant in Zoology (50% time)	267	
15. ————, Assistant in Physiology (50% time)	267	
16. E. W. Daniels, Assistant in Zoology (50% time)	267	10 757
Unassigned Salaries (to be assigned by the Dean)		22 969
Total, Urbana-Champaign Divisions		$551 075

CHICAGO UNDERGRADUATE DIVISION

Biological Sciences

1. D. L. Hopkins, Associate Professor	1 464	
2. J. F. Groves, Assistant Professor	1 250	
3. Gladys R. Bucher, Assistant Professor	1 067	
4. A. D. Pickett, Assistant Professor (50% time)	500	
5. William Sangster, Assistant Professor (50% time)	556	
6. Alice Byrne, Instructor (50% time)	389	
7. E. B. Little, Instructor (50% time)	445	
8. Peggy P. Muirhead, Instructor (50% time)	378	
9. ————, Instructor	800	6 849

Commerce and Business Administration

1. R. D. Haines, Associate Professor of Accountancy	1 645	
2. C. H. Gillett, Assistant Professor of Economics	1 112	
3. E. W. Berg, Instructor in Accountancy	778	
(See Student Counseling Bureau)	(134)	
(Total Salary)	(912)	
4. W. J. Dunne, Instructor in Economics (80% time)	778	
(See Student Counseling Bureau)	(112)	
(Total Salary)	(890)	
5. Dorothy A. Eggebrecht, Instructor in Accountancy	778	
6. Josephine A. Johnson, Instructor in Accountancy	834	
7. Sarah M. Kabbes, Instructor in Accountancy	1 028	
8. Oscar Miller, Instructor in Economics	834	
9. J. R. Morris, Instructor in Economics	845	
10. Janice Nystrom, Instructor in Accountancy	973	
11. ————, Instructor in Economics	834	
12. Mrs. Winifred B. Geldard, Assistant in Economics	734	
13. J. L. Glojek, Assistant in Economics	667	
14. C. M. Larson, Assistant in Economics	778	
15. A. J. Schneider, Assistant in Accountancy	778	
16. H. F. Williams, Assistant in Economics (80% time)	623	14 019

Engineering Sciences

1. H. R. Allen, Assistant Professor of Architecture	1 067	
2. A. J. DeFilipps, Assistant Professor of Architecture	1 112	
3. R. M. Price, Assistant Professor of Physics (17% time)	208	
(See Student Counseling Bureau)	(134)	
(Total Salary)	(342)	
4. J. F. Richardson, Assistant Professor of Art (67% time)	712	
5. J. R. Schermerhorn, Assistant Professor of Mechanical Engineering (50% time)	556	
6. W. R. Anderson, Instructor in Physics	800	
7. James Arkin, Instructor in Architecture (75% time)	750	
8. Mrs. Margie Benoit, Instructor in Art (67% time)	489	
9. E. E. Burr, Instructor in Art (67% time)	578	
10. J. E. Findlay, Instructor in General Engineering Drawing	1 000	

	Salary	
11. Mrs. Dee M. Holladay, Instructor in General Engineering Drawing (67% time)	556	
12. H. J. Johnson, Instructor in Physics	917	
13. Ogden Livermore, Instructor in Physics	1 056	
14. C. J. Michels, Instructor in Theoretical and Applied Mechanics	800	
15. A. F. Silkett, Instructor in Physics	1 000	
(See Student Counseling Bureau)	(134)	
(Total Salary)	(1 134)	11 601

Humanities

1. E. C. VanKeuren, Associate Professor	1 556	
2. Jose Sanchez, Assistant Professor (67% time)	745	
3. W. N. Thompson, Assistant Professor	1 156	
4. E. S. Willner, Assistant Professor (67% time)	708	
5. Benjamin Lease, Assistant Professor	1 000	
6. Marie E. Lein, Assistant Professor	1 000	
7. Mrs. Johanna Braunfeld, Instructor (67% time)	522	
8. R. L. S. Cassell, Instructor	734	
9. Harriet E. Cowles, Instructor	867	
10. Mrs. Martha Q. Denny, Instructor (83% time)	738	
11. Mrs. Ferdina J. Tort, Instructor (67% time)	596	
12. J. B. Fuller, Instructor (67% time)	670	
13. A. J. Hartoch, Instructor (67% time)	522	
14. Mrs. Eleanor K. Hipple, Instructor (67% time)	447	
15. W. C. Jackman, Instructor	889	
16. Mrs. Helen H. Link, Instructor (67% time)	447	
17. Mrs. Willie N. Love, Instructor	945	
18. J. O. Marsh, Jr., Instructor (67% time)	522	
19. I. M. Miller, Instructor (67% time)	462	
20. Mrs. Ilse E. Neumann, Instructor (67% time)	540	
21. Mildred J. Richey, Instructor	834	
22. Mrs. Rena M. Williams, Instructor	695	16 595

Mathematics

1. J. J. Corliss, Associate Professor and Chairman of Division	1 645	
2. F. S. Nowlan, Visiting Professor	1 334	
3. Winifred V. Berglund, Instructor	1 000	
4. Marjorie L. Croft, Instructor	750	
5. Karl Johannes, Instructor (83% time)	833	
6. K. H. Murphy, Instructor	889	
7. Mrs. Lois B. Stelling, Instructor	667	
8. Lona L. Turner, Instructor (83% time)	628	
9. C. C. Wilson, Instructor	667	
10. ————————, Instructor	800	9 213

Physical Education

1. Helen Barton, Assistant Professor and Chairman of Division (67% time)	797	
2. Inez Nagai, Instructor in Physical Education for Women	750	
3. L. H. Miller, Jr., Assistant in Physical Education for Men	640	
4. E. D. Ryan, Assistant in Physical Education for Men	640	
5. J. H. Towner, Assistant in Physical Education for Men	640	3 467

Physical Sciences

1. C. R. Meloy, Assistant Professor and Chairman of Division	1 467	
2. J. V. Mansfield, Assistant Professor	1 387	
3. B. J. Babler, Assistant Professor (83% time)	1 020	
4. R. W. Karpinski, Assistant Professor	1 112	
5. Sam Silbergeld, Assistant Professor	1 084	

6. F. M. Stubblefield, Assistant Professor	1 223		
7. W. K. Weaver, Assistant Professor (83% time)	1 156		
8. Mrs. Rebecca L. Elbinger, Instructor	889		
9. Mrs. Edith Hartman, Instructor (50% time)	334		
10. Patricia A. Heffernan, Instructor (67% time)	445		
11. S. L. Kell, Instructor	834		
12. Jeanne Kiley, Instructor (50% time)	334		
13. Mrs. Martha H. Mackin, Instructor	712		
14. G. I. Sackheim, Instructor	712		
15. Jeannette M. Zeimer, Instructor	834		
16. ————, Instructor	800	14	343

Social Sciences

1. H. W. Barber, Associate Professor	1 267		
2. A. D. Cutshall, Assistant Professor (83% time)	1 000		
3. Mrs. Wanda N. Gum, Assistant Professor (83% time)	927		
4. P. P. Klassen, Assistant Professor	1 023		
5. E. A. Lipman, Assistant Professor (83% time)	945		
(See Student Counseling Bureau)	(134)		
(Total Salary)	(1 079)		
6. D. J. Morris, Assistant Professor	1 200		
7. H. P. Castleberry, Instructor (50% time)	467		
8. S. L. Jones, Instructor	889		
9. Monica H. Kusch, Instructor (83% time)	741		
10. P. E. Siegle, Instructor (67% time)	534		
(See Student Counseling Bureau)	(134)		
(Total Salary)	(668)		
11. Mrs. Anne M. Young, Instructor	700		
12. ————, Instructor	800	10	493

Student Counseling Bureau

1. E. W. Berg, Staff Counselor (25% time)	134		
(See Commerce)	(778)		
(Total Salary)	(912)		
2. W. J. Dunne, Staff Counselor (25% time)	112		
(See Commerce)	(778)		
(Total Salary)	(890)		
3. E. A. Lipman, Staff Counselor (25% time)	134		
(See Social Sciences)	(945)		
(Total Salary)	(1 079)		
4. R. M. Price, Staff Counselor (25% time)	134		
(See Engineering Sciences)	(208)		
(Total Salary)	(342)		
5. P. E. Siegle, Staff Counselor (25% time)	134		
(See Social Sciences)	(534)		
(Total Salary)	(668)		
6. A. F. Silkett, Staff Counselor (25% time)	134		
(See Engineering Sciences)	(1 000)		
(Total Salary)	(1 134)		782
Total, Chicago Undergraduate Division		$87	362

PURCHASES

A. Purchases Authorized

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

Item	*Department*	*Vendor*	*Cost*
One mist type concentrate and dust applicator for shade tree treatment; one two-wheel trailer for transporting above applicator	Physical Plant	John Bean Division, Food Machinery and Chemical Corp., Centralia	$2 727 00 f.o.b. Urbana

Item	*Department*	*Vendor*	*Cost*
3,600 gallons DDT formula C spray	Physical Plant	J. I. Holcomb Manufacturing Co., Indianapolis, Ind.	6 300 00 f.o.b. Indianapolis
One pilot pin mechanism with a special glass insert (this is a device used on a 35 mm. precision motion picture camera to insure exact positioning of film for each exposure)	Physics	Bell & Howell Co., Chicago	1 285 00

B. Purchases Recommended

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

Item	*Department*	*Vendor*	*Cost*
3,000 tons screenings coal to be delivered and placed in storage during May, 1949	Physical Plant	Republic Coal and Coke Co., Danville	$12 000 00 plus 2,862 freight, total 15,612
Rental of caps and gowns for June 12, 1949, Commencement (approximately 2,800 bachelor's, 500 master's, and 100 doctor's)	Purchasing Division	Collegiate Cap & Gown Company, Champaign	6 370 00
1,200 copies "Wartime Industrial Statistics"	Bureau of Economic and Business Research	Williamson Printing Co., Springfield	2 027 00 f.o.b. Springfield
One proof press to make transparent proof for offset printing; one transparency dusting-cleaning-viewing cabinet	Print Shop	American Type Founders Sales Corp., Chicago	1 963 00
60 textbook packages (used in connection with Illinois Lumber and Material Dealers Short Course, held in Galesburg, February 16 to March 15, 1949)	University Extension Division	National Plan Service, Inc., Chicago	1 182 00
One detector, mass spectrometer leak, portable	Physics	Distillation Products Co., Rochester, N.Y.	4 450 00 f.o.b. Rochester
One special Weissenberg camera made in accordance with the specifications of Dr. G. L. Clark	Chemistry	Hayes Scientific Appliances, Urbana	1 500 00
Two feed tanks, 2'0" diameter x 3'6" straight side, constructed of No. 12 gauge with steel angle legs and with openings as shown; three receivers, 1'6" diameter x 3'0" straight side, constructed of No. 12 gauge, with steel angle legs and with openings as shown; weight each 125 lbs.	Chemistry	Leader Iron Works, Inc., Decatur	1 604 00 f.o.b. Decatur
One microforge, complete with optical unit and accessories; two micromanipulators, pneumatic type, complete with operating accessories	Botany	A. S. Aloe & Co., St. Louis, Mo.	2 905 00 f.o.b. Urbana
5,600 pairs of binding posts to be made from standard black phenolic material; 20,000 each banana jack (brass nickel plated) suitable for mounting in binding post plates	Electrical Engineering	James Millen Manufacturing Co., Malden, Mass.	2 623 60 f.o.b. Urbana
50 ft. 0.032" platinum 20% rhodium furnace wire; 25 ft. 0.020" platinum C.P. thermocouple wire; 25 ft. 0.020" platinum 10% rhodium C.P. thermocouple wire; one sheet platinum 20% rhodium crucible grade material 6" x 2" x 0.0126"; 50 ft. 0.050" platinum 20% rhodium furnace wire	Ceramic Engineering	American Platinum Co., Newark, N.J.	1 801 36 f.o.b. Newark
Dehydrating and freezing apparatus for BCG vaccine, complete with cabinet, motors, refrigeration equipment, and all necessary accessories	Institution for Tuberculosis Research	Precision Scientific Co., Chicago	6 500 00 f.o.b. delivered

Item	*Department*	*Vendor*	*Cost*
One kiln, ceramic, electric, side loading, globar type element, 18″x24″x 18″, 2,200 degrees F.; one manual control board for the above kiln	Art	Pereny Equipment Co., Columbus, Ohio	1 272 70 f.o.b. Columbus
Concrete weirs for run-off studies at Robert Allerton Park	Agricultural Engineering	Oran L. Shoemaker & Co., Champaign	5 450 00
One 8,000 gal. capacity automatic water softener to be installed in Gregory Hall	Physical Plant	Permutit Co., Chicago	2 466 00 f.o.b. factory
Six 60″ executive desks, sixteen 50″ secretarial desks, one 60″ table, one 36″ table, one 50″ table, six cabinet telephone stands, seven costumers, two bookcases, all walnut	Commerce and Business Administration	Jack Sheean, Bloomington	2 631 55 f.o.b. Urbana
			Approximate Amount
Approximately 1,400 cases of Pyrex laboratory glassware to be ordered for delivery during period from July 1, 1949, through June 30, 1950	General Chemical Stores	Central Scientific Co., Chicago	3 000 00
		Chicago Apparatus Co., Chicago	3 000 00
		A. Daigger & Co., Chicago	3 000 00
		A. S. LaPine & Co., Chicago	3 000 00
		Rascher & Betzold, Chicago	3 000 00
		E. H. Sargent & Co., Chicago	3 000 00
		Schaar & Co., Chicago	3 000 00
		W. M. Welch Manufacturing Co., Chicago	3 000 00
		Wilkens-Anderson Co., Chicago	3 000 00
One carryall suburban truck	Museum of Natural History	Sullivan Chevrolet Co., Champaign	1 923 49
University's share of cost of 28 steers purchased by the tenant for Wright Farm No. 3	Agricultural Economics	Ivan J. Stoddard, Rochelle	2 826 33 (University's share)
One filter, rotary, vacuum, 18″ diameter, 12″ face, stainless steel, horizontal platform	Chemistry	Eimco Corp., Chicago	3 097 00 f.o.b. Urbana
One nursery thresher mounted on a two-wheel rubber tired trailer and powered by a 6 hp cooled, gasoline engine	Agronomy	Bill's Welding Shop, Pullman, Wash.	1 450 00 f.o.b. Pullman
One five-ton refrigeration unit completely installed with accessories and control for the twenty-man experimental pressure chamber in the Physical Environment Laboratory	Medicine	Reliable Refrigeration and Air Conditioning Co., Chicago	2 915 00
One Teca low-volt generator model CD-7	Physical Medicine	Teca Corp., New York City	1 185 04 f.o.b. New York
1,600 padlocks, combination with set of master keys to be serially numbered and furnished with list of combination, similar to Yale's No. 589	Physical Sciences	McMaster-Carr Supply Co., Chicago	2 340 00
40 stainless steel dog storage cages; 8 stainless steel dog metabolism cages	Animal Hospital	DuBois Engineering & Manufacturing Co., Hammond, Ind.	8 540 00
One 12½″ lathe with 30″ between centers, compound rest, round tool post, thread chasing dial, chip pan, headstock center bushing, two centers, wrenches, cabinet legs large, and small face plates, steady rest taper nose, spindle headstock, tail stock, and 1½ hp motor with controls	Agricultural Engineering	R. K. LeBlond Tool Co., Chicago	1 845 64 f.o.b. Cincinnati, Ohio
One milling machine with 8½″x30″ table with 3 T-slots and 19″ long, table travel, 1 hp geared head motor drive, push button starter, machine light, depth stop for head, adjustable micrometer dials and elevated feed screws, spindle speeds 100-175-365-700-1350 rpm.	Agricultural Engineering	Peoria Tool & Engineering Co., Peoria	1 560 00 f.o.b. Waltham, Mass.

Item	*Department*	*Vendor*	*Cost*
One 5′ engine drive Harvester thresher with bagging attachment	Agronomy	International Harvester Co., Kankakee	1 142 70 f.o.b. E. Moline
One three-ton self-contained air conditioning unit 3 hp, 220 volt, 60 cycle, 3 phase	Electrical Engineering	McMullen Refrigeration Co., Danville	1 450 00 f.o.b. Urbana
One 1949 1 ½ ton truck with flat bed dump body, to replace 1940 Chevrolet 1 ½ ton truck	Physical Plant	Noble Motor Co., Danville	1 905 38
200 yards 36″ wide x ¼″ thick black pyramid rubber matting	Physical Plant	Peoria Mat Co., Peoria	1 074 00 f.o.b. Urbana

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED APRIL 11 TO MAY 10, 1949

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
National Broom Manufacturers Association	Study of the improvements of broomcorn by breeding for yield and quality of brush and for disease resistance	$ 12 500 00	March 14, 1949
Hail Loss Research Committee	Study of investigations with soybean in yield losses sustained from hail storm damage	1 800 00	April 19, 1949
Structural Clay Products Institute	Study of nonmodular masonry house	500 00	April 18, 1949
Veterans Administration	Instruction of veterans under PL16 and 346 at Chicago (Contract No. V3028V-441)	Rates per contract	January 1, 1949
	Instruction of veterans under PL16 at Chicago Professional Colleges (Contract No. V3028V-452)	Rates per contract	March 7, 1949
	Instruction of veterans under PL16 at Chicago Professional Colleges (Contract No. VA28r-vr-1114)	Rates per contract	March 7, 1949
	Instruction of veterans under PL346 at Urbana (Contract No. V3028V-448)	Rates per contract	September 28, 1948
	Instruction of veterans under PL16 and 346 at Urbana (Contract No. V3028V-466)	Rates per contract	February 3, 1949
	Instruction of veteran for an extramural course in accountancy under PL16 (Contract No. VA28r-vr-1112)	15 00	January 25, 1949
Robert J. Downs	Renting of McCullough farm	Crops equally divided	March 27, 1949

With Whom	*Purpose*	*Amount to be Paid by the University*	*Date*
Nelson and Nettnin, Inc.	Professional engineering services for installation of thirteen dental units at Chicago	$ 910 00	April 15, 1949

Change Orders for Cost-Plus Contracts Under Standing Contracts of July 1, 1948

With Whom	*Purpose*	*Amount*
Lewis S. Colbert	Thirteen change orders	$13 794 36
Reliable Plumbing and Heating Co.	Eight change orders	9 259 40
Schroeder's	Four change orders	237 24
Square Deal Electric Co.	Eleven change orders	6 229 44

RESOLUTION

Whereas, the General Assembly of Illinois has appropriated by Senate Bill No. 662 the sum of $400,000 for the construction of graduate student and staff apartments at Urbana, Illinois; and

Whereas, the General Assembly has appropriated in said Bill additional sums for the equipment of buildings and contingencies from which the Board of Trustees of the University of Illinois has allocated the sum of $251,700 for staff housing; and

Whereas, the Board of Trustees of the University of Illinois owns the property described as follows:

Situated in the State of Illinois, County of Champaign, and City of Urbana, in the west half of the North East Quarter (NE¼) of the North East Quarter (NE¼) of Section Eighteen (S 18) in Township Nineteen North (T19N), Range Nine East (R9E) of the Third Principal Meridian (3rd PM) and being known as parts of Lots Eleven (11) and Twelve (12) of W. M. Goodwin's Addition to the City of Urbana as recorded in Deed Book Twenty-four (24), Page Five Hundred Eighty-two (582), of the records of said County and being more fully bounded and described as follows:

Beginning at an iron pin at the intersection of the east line of Goodwin Avenue and the south line of Green Street as now located; thence easterly along the south line of Green Street, a distance of One Hundred (100) feet to an iron pin; thence southerly along a line parallel to the east line of Goodwin Avenue, a distance of One Hundred Seventy (170) feet to an iron pin; thence easterly at Ninety Degrees (90°) to the preceding course, a distance of Ninety-nine (99) feet to an iron pin; thence southerly along a line parallel to Goodwin Avenue and at Ninety Degrees (90°) to the preceding course, a distance of One Hundred Sixty-four and Thirteen Hundredths (164.13) feet to an iron pin; thence westerly One Hundred Ninety-nine (199) feet to an iron pin in the east line of Goodwin Avenue; thence northerly along the east line of Goodwin Avenue, a distance of Three Hundred Thirty-two and Eight Tenths (332.8) feet to the place of beginning, containing One and One Hundred Thirty-four Thousandths (1.134) acres more or less, but subject to all legal highways;

and has determined to use said property as a site for graduate student and staff housing apartment buildings for which said sums were appropriated and allocated; and

Whereas, plans and specifications for the construction of a six-story apartment building and a three-story apartment building on said premises have been drawn and prepared by Skidmore, Owings & Merrill of Chicago; and

Whereas, bids for the construction of such project were received from bidders and opened by the University on July 7, 1948; and

Whereas, such bids revealed that it would be necessary to borrow $900,000 in addition to said appropriations to complete the project; and

Whereas, Salk, Ward & Salk, Inc., submitted a financing proposal for a loan in the sum of $900,000 under date of July 15, 1948, and said proposal was accepted by the Board of Trustees on July 21, 1948; and

Whereas, Modern Woodmen of America, an Illinois corporation, and Royal Neighbors of America, an Illinois corporation, have succeeded to the rights and assumed the obligations of Salk, Ward & Salk, Inc., in connection with said financing arrangements; and

Whereas, said Modern Woodmen of America and Royal Neighbors of America are not to be obligated to purchase the bonds evidencing such loan hereinafter referred to, until construction is completed; and

Whereas, it is necessary to obtain interim loans up to $900,000 principal to complete construction and equipping of said buildings, and arrangements have been made with the First National Bank of Chicago for the making of such interim loans to the University of Illinois Foundation as trustee; and

Whereas, the Board of Trustees has determined, in order to obtain said loan to aid in the acquiring, constructing, and equipping of said buildings, to create a trust with the University of Illinois Foundation as active Trustee, and convey said real estate to the Foundation as active Trustee, to be held in trust under the terms of a trust agreement to be known as "University of Illinois Student-Staff Apartment Buildings Trust — Urbana Campus," all pursuant to "An Act to authorize the Board of Trustees of the University of Illinois to create trusts, to convey property in trust, to enter into trust agreements providing the powers and duties of the trustee and providing for the issuance of bonds by such a trustee and providing for the payment and securing thereof; to enter into year to year or other leases, to pledge for the performance of its obligations under such leases certain receipts and collections which the board is authorized by 'An Act to amend section 6 of "An Act in relation to state finance," approved June 10, 1919, as amended,' approved July 11, 1935, to retain in its own treasury, and to enter into covenants

with the United States or any agency thereof and to take other action for the purpose of obtaining grants from the United States to aid in financing the construction and equipping of university, college or educational buildings on which said board shall be given a year to year or other lease or the privilege thereto. (Filed March 20, 1936, L. 1935-36, First Sp. Sess., p. 179.)" As amended by Act approved July 11, 1939, House Bill 784 and other applicable statutes (herein sometimes called "the Enabling Acts"); and

Whereas, there has been submitted to the Board of Trustees a proposed form of Loan Agreement to be dated June 15, 1949, between the University of Illinois Foundation, the Board of Trustees of the University of Illinois, Modern Woodmen of America and Royal Neighbors of America, and a proposed form of deed in trust under which title to said real estate would be conveyed to the Foundation as active Trustee, and a proposed form of trust agreement between the Board of Trustees of the University of Illinois and the University of Illinois Foundation, being the trust agreement above referred to, with a proposed form of trust indenture and a proposed form of operating lease attached to and incorporated in said form of trust agreement, all to be dated June 15, 1949 (a copy of said Loan Agreement and proposed deed in trust and trust agreement with exhibits attached being attached to and incorporated in the minutes of this meeting); and

Whereas, the Board of Trustees of the University of Illinois are authorized and empowered by virtue of the Enabling Acts to create said trust and convey said property in trust to the University of Illinois Foundation and execute and deliver said trust agreement (and thereby empower the Foundation as active Trustee, to make interim loans and execute its notes evidencing the same and its bonds in the principal sum of $900,000, as provided in said form of trust indenture, and to execute said trust indenture to Harris Trust and Savings Bank as Trustee, securing the payment of said bonds), and to enter into an operating lease with the University of Illinois Foundation in the form attached to and incorporated in the minutes of this meeting;

Now, Therefore, Be It Resolved, that the Board of Trustees of the University of Illinois does hereby authorize and empower the President and Secretary of the Board of Trustees to execute and deliver, for and on behalf of the Board of Trustees of the University of Illinois, a Loan Agreement to be dated June 15, 1949, with the University of Illinois Foundation, Modern Woodmen of America and Royal Neighbors of America, providing among other things:

(1) For the issuance of bonds of the University of Illinois Foundation individually and as such trustee, in the principal sum of $900,000, with interest at 4 per cent per annum, interest only until January 1, 1950, payable on January 1, 1950, and principal and interest from January 1, 1950, payable in equal quarterly installments of $14,285 commencing on April 1, 1950, with a final installment payable on October 1, 1973, with privilege to prepay, not to exceed $90,000 in any mortgage year, and with privilege to redeem in full on or after the 20th installment date at 102 and on or after the 39th installment date at 101;

(2) For the execution and delivery by the Foundation as active Trustee of a trust indenture substantially in the form attached to said Loan Agreement, to Harris Trust and Savings Bank, an Illinois corporation having its principal office in Chicago, Illinois, as "Bondholders' Trustee," providing the rights and powers of such Bondholders' Trustee and of the bondholders, not including, however, the right to forfeit or obtain title to the project through foreclosure proceedings, or otherwise, but conferring upon the Bondholders' Trustee the powers authorized to be conferred upon such Trustee by the terms of the Enabling Acts;

(3) In the event the bonds have not been delivered to Modern Woodmen of America and Royal Neighbors of America and the project completed by October 1, 1949, for the payment by the Foundation of a standby fee in the form of interest on $900,000 at 4 per cent per annum from October 1, 1949, until such delivery of the bonds;

(4) Such other terms and provisions, including such changes or amendments thereto, as the board of directors of said University of Illinois Foundation (or as any officers of the University of Illinois Foundation to whom the board of directors may delegate appropriate authority in that regard) shall deem necessary or advisable to effectuate and carry out such financing program;

and that said Officers be and they are hereby authorized and directed to carry out, perform, and consummate all of the terms and provisions of said Loan Agreement;

Be It Further Resolved, that the President and the Secretary of the Board of Trustees of the University of Illinois be and they are hereby authorized and directed to take all actions and to execute all documents necessary to create said trust with the University of Illinois Foundation as active Trustee, for the purpose of acquiring, constructing, and equipping said buildings and of obtaining a loan from Salk, Ward & Salk, Inc., in the sum of $900,000 for such purpose, such actions to include, but not be limited to, the following acts herein specifically set forth:

1. That the said Officers of the Board of Trustees of the University of Illinois be and they are hereby authorized to execute and deliver a deed in trust conveying the aforesaid real estate to the University of Illinois Foundation as active Trustee, and to execute a trust agreement with the University of Illinois Foundation as active Trustee, all in the form attached to and incorporated in the minutes of this meeting.

2. That said University of Illinois Foundation, individually and as such trustee, be and it is hereby authorized, empowered and directed to execute and deliver said Bonds, Trust Indenture, Steam Agreement and such other papers and documents as the directors of said Foundation (or as any officers of the University of Illinois Foundation to whom the Board of Directors may delegate appropriate authority in that regard) may deem necessary or advisable in order to effectuate the creation and execution of said trust and the consummation of said financing program.

3. That said University of Illinois Foundation, individually and as such trustee, be and it is hereby authorized, empowered, and directed to borrow from the First National Bank of Chicago sums of money not to exceed $900,000 principal amount for such times and upon such terms as the board of directors of said Foundation (or as any officers of the University of Illinois Foundation to whom the board of directors may delegate appropriate authority in that regard) shall determine and, to evidence said loans, to execute and deliver on behalf of and in the name of the Foundation, individually and as such trustee, notes therefor, and to pledge as security for said loans the $900,000 principal amount of 4 per cent Revenue Bonds to be issued under and secured by the Trust Indenture described in said Loan Agreement and to do all acts and things necessary or desirable and to execute such further documents as may be required by said the First National Bank of Chicago in connection with said loans.

4. That the said Officers of the Board of Trustees of the University of Illinois be and they are hereby authorized and directed to execute an operating lease substantially in the form attached to said form of trust agreement from the University of Illinois Foundation as trustee at a fixed quarterly rental sufficient to provide funds necessary for payments of interest, principal, and other charges under said trust indenture, said lease to include consent to the assignment in said Trust Indenture by the Foundation to said Bondholders' Trustee of said operating lease and said lease to contain the agreement of the University of Illinois that its rights under said operating lease shall at all times be subordinate and inferior to the lien of said trust indenture and subject to the provisions thereof;

5. That the said Officers of the Board of Trustees of the University of Illinois be and they are hereby authorized and directed to execute a steam agreement with the University of Illinois Foundation for the furnishing by the University of Illinois to said project of live steam at cost so long as facilities for furnishing such steam are maintained by the University of Illinois.

Be It Further Resolved:

1. That the President and Secretary of the Board of Trustees of the University of Illinois be and they are hereby authorized, empowered, and directed for and in behalf of the Board of Trustees of the University of Illinois to execute an assignment to the University of Illinois Foundation as such trustee, in respect of the construction contracts with various contractors covering the erection upon said premises of the projects herein referred to, upon securing from said Foundation the assumption and agreement of said Foundation as such trustee, to perform all of the rights, duties, and obligations of said Board of Trustees under said contracts;

2. That said Foundation as such trustee be and it is hereby authorized, empowered, and directed to do and perform any and all acts and things necessary to complete and equip said buildings;

3. That all funds now on hand out of said $400,000 appropriation and out of said allocation of $251,700 hereinabove referred to shall be made available to said Foundation for the cost of construction and furnishings and used toward or reserved and set aside for such purposes before any of the proceeds of said interim financing or sale of Bonds shall be so used;

Provided, However, that the obligations created by these resolutions or under leases, trust agreements, or otherwise incurred by the Board of Trustees in connection with said project, shall not be a debt of the State of Illinois, and the State shall not be liable thereon; and

Provided Further, that the notes, bonds, and other obligations of the University of Illinois Foundation in connection with said project shall not be a debt of the Board of Trustees of the University of Illinois or the State of Illinois, and neither the Board nor the State shall be liable thereon; and

Provided Further, that, wherever reference is made in any of these resolutions to Modern Woodmen of America and Royal Neighbors of America, such reference may include either or both of said corporations.

STUDENT-STAFF APARTMENT BUILDINGS

The minutes of this meeting of May 21, 1949 (page 369), contain the record of the action of the Board adopting a resolution (page 395) authorizing the loan agreement for the Student-Staff Apartment Buildings.

The documents are incorporated in the minutes by means of the following notation:

Exhibits 1, 2, A, B, and 3 referred to in the Loan Agreement are, hereby, incorporated in the minutes by reference. These exhibits in printed form are bound with a printed form of the Loan Agreement, which has been marked on the title page thereof with the following legend written with pen and ink:

"This document, with attached exhibits, has been incorporated in the minutes of the Board of Trustees at its May 21, 1949, meeting by reference, appearing in the minutes at page 400,"

and the same are filed in the office of the Secretary of the Board of Trustees of the University of Illinois under the rubric "Student-Staff Apartments," this file being arranged alphabetically.

Loan Agreement

THIS AGREEMENT made June 15, 1949, by and between the Board of Trustees of the University of Illinois, a duly organized and existing public corporation of the State of Illinois, party of the first part, hereinafter called "University of Illinois",

University of Illinois Foundation, a duly organized and existing non-profit corporation of the State of Illinois, party of the second part, hereinafter called "Foundation", and

Modern Woodmen of America, an Illinois corporation having its principal place of business in the City of Rock Island, Illinois, party of the third part,

Royal Neighbors of America, an Illinois corporation having its principal place of business in the City of Rock Island, Illinois, party of the fourth part (said party of the third part and party of the fourth part being hereinafter sometimes collectively called "Lender"),

WITNESSETH:

Whereas, the General Assembly of Illinois has appropriated by Senate Bill No. 662 the sum of $400,000 for the construction of graduate student and staff apartments at Urbana, Illinois; and

Whereas, the General Assembly of Illinois has appropriated in said Bill additional sums for the equipment of buildings and contingencies, from which the University of Illinois has allocated the sum of $251,700 for staff housing; and

Whereas, the University of Illinois is now constructing on real estate located at the southwest corner of Green Street and Goodwin Avenue, Urbana, Illinois, a six-story apartment building and a three-story apartment building, to be used for graduate student and staff apartments in accordance with said appropriations, said buildings being in accordance with plans and specifications drawn and prepared by Skidmore, Owings & Merrill, of Chicago, which plans have been heretofore submitted to and approved by the Lender; and

Whereas, it will be necessary to borrow the sum of $900,000 to complete said project; and

Whereas, a financing proposal for a loan in the sum of $900,000 for such purposes was heretofore submitted by Salk, Ward & Salk, Inc., to the University of Illinois under date of July 15, 1948, and was accepted by the University of Illinois on July 21, 1948, the original terms of said loan being set forth in a letter of July 24, 1948, from Lloyd Morey, Comptroller of the University of Illinois, to Salk, Ward & Salk, Inc., to which letter express reference is hereby made; and

Whereas, since July 24, 1948, the Lender has succeeded to the rights and assumed the obligations of Salk, Ward & Salk, Inc., in connection with said financing

proposal and the parties have agreed upon certain changes in the method of financing, which changes have been approved by the Board of Trustees of the University of Illinois, the Board of Directors of the University of Illinois Foundation, and by the Lender, and the parties desire to reduce their agreement to writing;

Now, Therefore, in consideration of the mutual covenants and agreements hereinafter contained, the parties do hereby agree as follows:

1. The recitals herein contained are expressly made a part of this agreement.

2. All prior agreements between the parties are merged in this agreement.

3. The University of Illinois agrees forthwith to convey the real estate upon which the project will be located, by Deed in Trust in the form hereto attached and marked "Exhibit 1", pursuant to an Active Trust Agreement in the form hereto attached and marked "Exhibit 2", which Active Trust Agreement the University of Illinois and the Foundation hereby agree they will execute and deliver, all in accordance with the power and authority vested in the University of Illinois under and by virtue of the provisions of the statutes of the State of Illinois contained in Sections 68 to 70, inclusive, of Chapter 144 of Illinois Revised Statutes 1947.

4. The Foundation agrees forthwith to execute and deliver a Trust Indenture in the form attached to said Trust Agreement and marked "Exhibit A", and record the same in the Office of the Recorder of Deeds of Champaign County, Illinois, and concurrently to execute and deliver its 4% Revenue Bonds in accordance with the provisions of said Trust Indenture, said Trust Indenture and Bonds to be issued in pursuance of said statute of the State of Illinois.

5. The University of Illinois and the Foundation agree concurrently with the execution of said Trust Indenture, but subject thereto, to execute and deliver a Lease in the form attached to said Trust Agreement and marked "Exhibit B".

6. The University of Illinois and the Foundation agree, forthwith, to execute and deliver a Steam Agreement in the form hereto attached and marked "Exhibit 3" and to join in the execution and delivery of any supplemental Trust Indenture which the Lender may reasonably require, in order that the Bondholders' Trustee and bondholders under the Indenture may have the benefit of and enforce such Steam Agreement against the University of Illinois, to the extent that the same may be lawful.

7. The Foundation agrees prior to the disbursement of the loan to procure from Chicago Title & Trust Company and deliver to the Lender a preliminary report on title showing that Chicago Title & Trust Company is prepared to issue its owner's guarantee policy in the usual form for $100,000 guaranteeing that the Foundation, as Trustee, is vested with fee simple title to such real estate, subject only to usual stock objections. Said preliminary report on title may also contain such other objections as counsel for the Lender may approve.

8. The University of Illinois and the Foundation agree that they will cause said improvements to be substantially completed and ready for occupancy, with reasonable dispatch and not later than June 30, 1950.

9. The Foundation has arranged to borrow, individually and as such trustee, funds from the First National Bank of Chicago, a national banking association (hereinafter called "First National") which funds will be used to defray a portion of the cost of constructing and equipping said buildings. The University of Illinois agrees that said sums of $400,000 and $251,700 appropriated by the General Assembly of Illinois shall be fully disbursed and used toward or reserved and set aside for the cost of construction and furnishings before any of the proceeds of said interim financing or sale of Bonds hereunder shall be so used.

10. Upon compliance by the University of Illinois and the Foundation with the foregoing provisions of this agreement and with the terms and provisions hereinafter set forth, the Lender agrees to purchase from the Foundation, at par, the Bonds of the Foundation individually and as such trustee issued pursuant to and secured by said Trust Indenture in the amount of $900,000 (the purchase of said Bonds being herein sometimes referred to as "disbursement of the loan"). Anything herein contained to the contrary notwithstanding, it is expressly understood and agreed that Modern Woodmen of America and Royal Neighbors of America shall each be severally obligated to purchase bonds in the amount of $450,000, and that neither of said parties shall be answerable or liable for the default of the other. The option to terminate this agreement contained in paragraph

16 hereof may be exercised by either or both of Modern Woodmen of America and Royal Neighbors of America, and such exercise by either one of said parties shall terminate this agreement with respect to both of said parties.

11. Upon execution of the Bonds the Foundation shall deliver the same to Harris Trust and Savings Bank, as Trustee under said Indenture, for certification, with instructions: (a) to notify the Lender when said Bonds have been certified; and (b) to deliver said Bonds to First National to be held by First National as collateral security for the interim loans to be made by First National to the Foundation, individually and as such trustee. The Foundation will authorize First National to deliver said Bonds to the Lender upon receipt by First National from the Lender of a certified or cashier's check drawn on a bank or trust company having its principal office in Chicago, Illinois, having a capital and surplus of at least $1,000,000, payable to the order of the First National for such amount, not exceeding the purchase price of the Bonds, as First National shall certify to the Lender as owing to it, on such interim loans, including fees for supervising interim loan payouts, and a similar check for the balance, if any, of the purchase price of the Bonds, in accordance with this agreement, payable to the order of the Foundation as such trustee. The Lender shall not be obligated to disburse the loan and purchase the Bonds, however, until ten (10) days after written notice from First National that the Bonds are ready for delivery and until the conditions in paragraph 12 hereof set forth have been complied with. At the time of disbursement of the loan there shall be added to the unpaid principal of the Bonds and paid as part of the purchase price, all interest which may have accrued upon the Bonds from the date of issuance or the date to which last paid, as the case may be, to the date of disbursement of the loan. At the time of delivery of the bonds by First National to the Lender, First National shall furnish a warranty to the Lender with respect to said bonds as follows:

(a) That it has not pledged, assigned, hypothecated or otherwise disposed of said bonds or its interest therein.

(b) That it has no interest in said bonds except as collateral for the interim loan or loans hereinabove referred to and that such interest will cease upon payment to First National in accordance with this Paragraph 11.

It is expressly understood and agreed (and this agreement is made for the benefit of First National) that First National shall not, by delivery of such bonds to the Lender or by the execution of an instrument as hereinabove provided, be deemed to have made any warranties or representations, express or implied, with reference to said bonds except the express warranties set forth in said instrument in writing. The Lender may rely upon any certification by First National as to the amount owing to it, on such interim loans, without inquiry of any kind.

12. The Lender shall not be obligated to make disbursement of the loan unless the following conditions (which are hereby agreed to be conditions precedent) shall have been fully complied with:

(a) The University of Illinois and the Foundation shall not be in default hereunder;

(b) Said project shall be substantially completed and ready for occupancy;

(c) A continuation of said Chicago Title & Trust Company preliminary report on title shall have been furnished to the Lender covering a date not more than sixty (60) days prior to the date of disbursement, showing that Chicago Title & Trust Company is prepared to issue its owner's guarantee policy covering said date, but otherwise in accordance with the provisions of Paragraph 7 hereof;

(d) An affidavit of a duly authorized officer of the Foundation shall have been furnished to the Lender to the effect that the Foundation has not conveyed, assigned or in any way clouded or encumbered title to the real estate and that no changes have occurred in the title to said real estate since the date of said last mentioned continuation of said Chicago Title & Trust Company preliminary report on title;

(e) The lease with the University of Illinois in the form attached to said Trust Agreement as Exhibit "B" shall have been renewed for a term of two (2) years commencing July 1, 1949 and expiring June 30, 1951, in case the disbursement of the loan shall occur on or after July 1, 1949;

(f) The Foundation shall have paid to the Lender all installments of the standby fee theretofore becoming due and payable.

Within thirty (30) days after disbursement of the loan the Foundation agrees to furnish to the Lender a Chicago Title & Trust Company owner's guarantee policy issued pursuant to said preliminary report on title referred to in subparagraph (c) hereof.

13. The proceeds of the sale of Bonds hereunder, remaining after the deductions herein authorized to be made from said proceeds by the Lender and after the payment to First National as aforesaid shall be paid to the Foundation, and shall be used by it for the following purposes exclusively:

(1) To defray the cost of constructing the project, and furnishing the same to the extent provided in said Indenture, which may then remain unpaid;

(2) To set aside a reserve to insure final completion of construction, in case at the time of disbursement of the proceeds of the loan said improvements shall have been substantially completed, ready for occupancy, but shall not have been finally completed, and to insure that furnishings and equipment will be installed to the extent provided in said Indenture;

(3) The balance of proceeds of the sale of Bonds, if any, shall be segregated in a special fund to be held by the Foundation in trust for the proper equipment, maintenance, and repair of the project, for the payment of principal and interest on the Bonds and for performance by the Foundation of its other covenants and agreements to be contained in said Indenture.

14. If the University of Illinois and the Foundation shall not have complied with the conditions set forth in subparagraphs (a) to (e), inclusive, of Paragraph 12 hereof, and the loan shall not have been disbursed prior to October 1, 1949, the Foundation agrees to pay to the Lender, as a standby fee, interest on $900,000 at 4% per annum from October 1, 1949, to the date when either: (a) said buildings and improvements shall have been substantially completed and ready for occupancy and the University of Illinois and the Foundation shall have complied with the conditions set forth in said subparagraphs (a) to (e), inclusive, of Paragraph 12 hereof and the loan disbursed; or (b) the Lender shall have elected, pursuant to Paragraph 16 hereof, to terminate its obligation to purchase said Bonds. Said standby fee shall be payable quarterly on the first day of January, 1950, and on the first day of each April, July, October and January thereafter, so long as it shall accrue in accordance with the provisions of this paragraph, provided, however, that upon the happening of either of the events above set forth upon which said standby fee shall cease to accrue, the Foundation shall forthwith pay to the Lender all of said fee then accrued and unpaid, notwithstanding that such event may occur on a date other than the first day of January, April, July or October.

15. From the proceeds of said loan the Lender shall be and is hereby authorized to deduct the following:

(1) All printing, mimeographing and recording expense, and title guarantee and abstract charges, if any, incurred by the Lender and Salk, Ward & Salk, Inc.; also the cost of procuring and approving legal opinion of special counsel for the Lender in connection with its purchase of the bonds, such cost not to exceed the sum of $5,000;

(2) A commission for Salk, Ward & Salk, Inc., for its services to the borrowers in negotiating the loan, equal to ½% of the amount of the loan;

(3) Any portion of the standby fee then accrued and unpaid;

(4) The fees and expenses of Harris Trust and Savings Bank for accepting and acting as Trustee, Depositary and Registrar under the Indenture, including fees and expenses for certification of the Bonds;

(5) The principal portion of any installment or installments on said Bonds which may have matured prior to the disbursement of the loan.

16. If said buildings and improvements have not been substantially completed and ready for occupancy and the Lender notified by First National, pursuant to Paragraph 11 hereof, that the Bonds are ready for delivery to the Lender prior to June 30, 1950, or if the Foundation and University of Illinois shall make default in the performance of any other of their covenants or agreements herein contained and such default shall continue for a period of thirty (30) days after written

notice from the Lender, then, and in either of such events, the Lender may, at its option, at any time thereafter prior to the disbursement of the loan, terminate this agreement, whereupon all obligations of the Lender hereunder shall cease and determine; provided, however, that notwithstanding such termination, the Foundation shall pay to the Lender all of the items set forth in Paragraph 15 hereof, which items, until paid, shall be secured by said Indenture and which Indenture shall not be released, notwithstanding the termination of this agreement, until each and all of said items shall have been paid to the Lender, or to the Trustee under the Indenture, as the case may be, by the Foundation.

17. It is contemplated that the six-story building will be substantially completed and ready for occupancy prior to the substantial completion, ready for occupancy, of the three-story building. It is the intention of the parties, in such event, to endeavor to make an arrangement, mutually satisfactory to all of the parties, to make a partial disbursement of the proceeds of the loan and defer disbursement of the balance until the three-story building shall have been substantially completed and ready for occupancy.

18. Service of notice hereunder may be had upon any of the parties by United States registered mail addressed to the Lender at Rock Island, Illinois, to the University of Illinois, c/o Lloyd Morey, Administration Building, University of Illinois, Urbana, Illinois, and to the Foundation, c/o W. H. Butterfield, Union Building, University of Illinois, Urbana, Illinois, or addressed to such other addresses as any of the parties hereto may furnish to any of the other parties as the place for the service of notice.

19. The University of Illinois and the Foundation shall furnish, as and when requested, certified copies of resolutions acceptable to counsel for the Lender, in connection with the execution of all documents required hereunder.

20. Prior to disbursement of the loan, the University of Illinois and the Foundation shall furnish evidence satisfactory to the Lender that said buildings have been fully paid for, free and clear of mechanics' liens and claims therefor.

21. The Foundation, prior to disbursement of the loan, shall furnish a letter in form satisfactory to the Lender, agreeing to purchase, affix to the Trust Indenture and pay for United States documentary stamps covering the issuance of the Bonds, in case such stamps should be required by law.

In witness whereof, the parties have caused this agreement to be executed by their duly authorized officers in that behalf and their respective corporate seals to be hereunto affixed the day and year first above written.

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS,
By KENNEY E. WILLIAMSON
President

ATTEST:
H. E. CUNNINGHAM
Secretary

Corporate Seal

UNIVERSITY OF ILLINOIS FOUNDATION,
By H. B. MEGRAN
President

ATTEST:
JAMES C. COLVIN
Secretary

Corporate Seal

MODERN WOODMEN OF AMERICA,
By E. J. BULLARD
President

ATTEST:
H. L. RUFF
Secretary

Corporate Seal

ROYAL NEIGHBORS OF AMERICA,
By CECILE M. ADAMS
Deputy Supreme Oracle

ATTEST:
MARGARET WALKER
Supreme Recorder

Corporate Seal

The exhibits attached to the original Loan Agreement consisted of the following:

Exhibit "1" — Warranty Deed in Trust dated June 15, 1949 from the Board of Trustees of the University of Illinois to University of Illinois Foundation as Trustee under the provisions of a Trust Agreement of even date therewith known as "University of Illinois Student-Staff Apartment Buildings Trust — Urbana Campus."

Exhibit "2" — Trust Agreement dated June 15, 1949 between the Board of Trustees of the University of Illinois and University of Illinois Foundation known as "University of Illinois Student-Staff Apartment Buildings Trust — Urbana Campus," providing for the terms and conditions upon which the property is to be held and authorizing the execution of the Trust Indenture and Lease hereinafter described, said agreement having attached to it two exhibits as follows:

Exhibit "A" — Trust Indenture dated June 15, 1949 from University of Illinois Foundation as Trustee to Harris Trust and Savings Bank as Trustee, securing an issue of bonds in the principal sum of $900,000 known and described as "University of Illinois Foundation Four Per Cent (4%) Revenue Bonds — Graduate Student and Staff Apartment Project."

Exhibit "B" — Lease dated June 15, 1949 from University of Illinois Foundation as Trustee to the Board of Trustees of the University of Illinois for a term commencing June 15, 1949 and expiring June 30, 1949, containing successive options to Lessee to renew for two year periods commencing July 1, 1949.

Exhibit "3" — Steam Agreement dated June 15, 1949 between the Board of Trustees of the University of Illinois and University of Illinois Foundation as Trustee, providing for the furnishing of steam to the project by the Board of Trustees of the University of Illinois.

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

June 25, 1949

With Actions of the Executive Committee of June 9, 16, and 21, 1949

The June meeting of the Board of Trustees of the University of Illinois was held on Saturday, June 25, 1949, at the LaSalle Hotel in Chicago according to the following schedule:

9:00 a.m. — Executive session, Committee of the Whole.

11:00 a.m. — Open session.

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

President Stoddard was present; also, Mr. Irvin L. Porter, Treasurer, Vice-President A. C. Ivy, Comptroller Lloyd Morey, A. J. Janata, Assistant to the President, and, during part of the meeting, Messrs. Newton C. Farr, Real Estate Consultant to the Board on acquisition of Chicago properties, W. E. Britton, Legal Counsel, and C. Lincoln Williston, Manager of Public Information for the Chicago Divisions.

SECRETARY, PRO TEMPORE

In the absence of Secretary H. E. Cunningham due to illness, Mr. A. J. Janata was appointed Secretary, *pro tempore.*

MINUTES APPROVED

The Secretary, *pro tempore,* presented the minutes of the meeting of April 21, 1949, with minutes of the Executive Committee of March 15, 29, and April 9.

On motion of Mr. Livingston, the minutes were approved as printed on pages 309 to 356 inclusive.

REPORTS OF THE EXECUTIVE COMMITTEE

The Secretary, *pro tempore,* presented for record the following report of actions of the Executive Committee, on the dates indicated, since the May 21 meeting of the Board.

Purchases

Authorized emergency purchases on items listed in the President's Agenda. Each recommendation was based on several competitive quotations. (June 9, 1949).

Remodeling to Eliminate Fire Hazards

Authorized the execution of a contract with Graham, Anderson, Probst, and White for architectural services in connection with remodeling work in University buildings to eliminate fire hazards; this firm to be paid the actual cost of labor and materials, plus 100 per cent of these costs as commission and overhead, plus travel expenses. (June 16, 1949).

Leave of Absence for Dean Ridenour

Granted leave of absence of one month to Dean L. N. Ridenour, to enable him to act as chairman of a working committee to advise the Scientific Advisory Board of the Air Force on Air Force installations and policies concerned with research and development, and to recommend plans and policies which will lead to the utmost economy and effectiveness in Air Force research and development. This is at the request of General Hoyt S. Vandenberg, Chief of Staff. Lieutenant General James H. Doolittle will serve as a member of this committee. (June 17, 1949).

Addition to Contract for Electrical Work for Mechanical Engineering Building

Approved an addition to the contract with the Square Deal Electric Company for electrical work in the construction of the Mechanical Engineering Building in the amount of $4,280.20, to provide for thirty-nine additional power connections for machine tools secured by the University from the War Assets Administration. (June 21, 1949).

MATTERS PRESENTED BY PRESIDENT STODDARD

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

STUDENT AND STAFF HOUSING AND LAND ACQUISITION FOR CHICAGO PROFESSIONAL COLLEGES

(1) At the request of the President of the University, Mr. Newton C. Farr, who has been serving as Consultant on Land Acquisition and Housing Projects for the Chicago Professional Colleges, submitted the following report and recommendations:

Commitment has been received by Mr. Walter A. Wade, representing the Medical Center Commission, from the Equitable Life Assurance Society for the financing of the student residence building and the staff apartments on the Chicago campus. Three recommendations have been made for an independent real estate

appraiser to review the operating figures on these projects. It is recommended that the appraiser selected by Equitable be employed at once to make his report.

On motion of Mr. Livingston, employment of an independent real estate appraiser was authorized, the cost to be charged against the appropriation of $50,000 made on July 21, 1948, for the purchase of land from the Medical Center Commission.

In view of the fact that Equitable has agreed to go ahead with the financial program, it is recommended that the architectural firm of Skidmore, Owings, and Merrill be authorized to complete plans and specifications for the staff apartment building at the earliest possible date in order that bids may be taken for this project during the summer.

No action was taken. The Board had previously (Minutes, October 21, 1948, page 145) authorized the employment of this firm but specified that no contract be entered into for architectural services until funds for this project have been assured.

Mr. Harry Pearce has recommended that the property at 1712-14-16 West Taylor Street be purchased for use to house the Chicago Campus Paint Shop which is now located in the basement of the Research and Educational Hospitals. Funds for this purchase are available in the 1947-1949 Land Appropriation Account. It is estimated that these properties can be acquired for a total cost of $20,500. It is recommended that funds be designated for the purchase of these properties.

On motion of Mr. McLaughlin, purchase of this property was authorized and assignment of $20,500, or so much thereof as may be necessary, was made from the State appropriation for "Land acquisitions for extension of campus in Chicago," by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Dr. Meyer, Mr. Stevenson.

The area selected as a site for the proposed steam plant is located south of Taylor Street between Hermitage Avenue and Paulina Street and running approximately 350 feet south of Taylor Street. The cost of assembling this land has been estimated at approximately $150,000. The University already owns the southeast corner of Hermitage Avenue and Taylor Street, approximately 125 feet square. The Medical Center Commission has already acquired certain parcels in this area. It is recommended that this area be approved for acquisition and that the balance of funds now available for land purchase be made available to this account at this time.

On motion of Mr. Livingston, purchase of this property was authorized and the balance of the unassigned funds in the State appropriation for "Land acquisitions for extension of campus in Chicago," or so much thereof as may be necessary, was appropriated for this purpose by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Dr. Meyer, Mr. Stevenson.

Certain areas for buildings to be built on the west side campus will not be available without the assistance of the Medical Center Commission in providing funds to purchase the land. It is recommended that Dr. Ivy be authorized to negotiate with the Medical Center Commission for them to acquire, with their own funds, land to be made available for the University of Illinois.

No action required.

This concluded the presentation of Mr. Farr's recommendations.

A progress report by Comptroller Lloyd Morey on negotiations with the Equitable Life Assurance Society of the United States for the

financing of student and staff housing projects was also presented. Copies of this report had previously been sent to all members of the Board of Trustees and a copy is in the files of the Secretary of the Board as a matter of record. Mr. Fornof called attention to one of the terms in the financing plan proposed by Equitable, namely, the requirement of "A commitment fee of ½ of 1% per annum from the time the loan is approved and accepted until bonds are taken, not later than December 31, 1950." Mr. Porter, Treasurer of the Board, also commented on this requirement. Following discussion, on motion of Mr. Fornof, the Board voted that this commitment fee requirement be reviewed with representatives of Equitable to determine if it can be reduced.

APPROPRIATION FOR LEGAL SERVICES

(2) The Legal Counsel submits the following bills received for legal and other services:

Chapman and Cutler, 111 West Monroe Street, Chicago:

For services rendered to June 1, 1949, in a litigation involving the tax exemption of University properties in De Kalb, Piatt, and Champaign Counties $1 527 97

Charles A. Boos, Law Reporter and Notary Public, 127 North Dearborn Street, Chicago:

(a) For services rendered in the case of the People *ex rel* Kenny versus the Board of Trustees, January 24, 25, and 31, February 1, 2, 3, and 7 ..... $542 60

(b) For reporting services at hearings on March 24, 25, and 31, conducted by a subcommittee appointed by the Executive Committee of the House of Representatives, Sixty-sixth General Assembly, to consider and advise upon House Joint Resolution 22, which provided for the appointment of a committee consisting of three members of the Senate and three members of the House of Representatives to investigate the administration of the Research and Educational Hospitals and to recommend suitable legislative action if necessary 681 61 1 224 21

A special appropriation is necessary to cover payments for these services.

On motion of Mr. McLaughlin, these payments were authorized and an appropriation of $2,752.18 was made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Dr. Meyer, Mr. Stevenson.

CONTRACT FOR STUDENT HOUSING SURVEY

(3) In order to develop a long-range program for student housing, the Director of the Physical Plant Department and the Comptroller recommend that Skidmore, Owings, and Merrill, architects, Chicago, be employed to:

1. Make a survey of housing facilities for unmarried students in other institutions, at a cost of $5,600, plus traveling expenses.

2. Develop standards of construction for future residence halls at the University of Illinois, with particular reference to capital and maintenance costs.

Skidmore, Owings, and Merrill are experts on institutional housing plans. The Dean of Students, the Coordinator of the Small Homes Council, and the Chairman of the University Building Program Committee concur in this recommendation.

Funds are available in the Physical Plant Department budget for the cost of this survey. Student housing is one of the University's serious building problems. It is important that we secure information on the best methods of dealing

with this problem based on the experience of others and the advice of competent authorities so that a sound program of development can be formulated.

I concur in these recommendations.

On motion of Mr. Livingston, the President of the University was requested to secure further information regarding this survey and to present it, with his recommendation, to the Executive Committee.

OBJECTIONS TO DETERMINATION OF PREVAILING RATES OF WAGES MADE BY THE UNIVERSITY OF ILLINOIS IN AWARDING CONTRACTS AT ROBERT ALLERTON PARK

(4) In accordance with the Prevailing Wage Act, the University published its determination with respect to wages in the locality of Monticello and Piatt County as to certain crafts and workmen.

Objections to such determination have been filed by the President of the Twin City Federation of Labor of Champaign. The Act provides that in such case the public body (in this case the Board of Trustees of the University of Illinois) shall set a date for and conduct a hearing on the objections. At least ten days' notice of the time and place must be given to objectors.

The Board of Trustees, itself, may conduct the hearing or it may designate some of its members or other persons to do so and to report their findings and recommendations to the Board for its consideration and action. In Civil Service hearings, the Board has appointed three persons who were not Board members to take testimony and to report back to the Board. There are several ways of setting up a hearing commission: (1) by the Board itself; (2) the Board may direct one of its standing committees or appoint a special committee to conduct the hearing; (3) by a faculty group appointed by the Board; (4) by a group of citizens with no official connection with the University appointed by the Board; and (5) the unions and the University may each select a representative and let those two select a third. If an outside group is appointed, the question of fees and traveling expenses must be considered. In any case some officer of the University must have authority and instructions to set up the machinery for this hearing and following through on such details as arrangements for a place for the hearing, sending notices, employment of a court reporter, and other services. The Secretary of the Board will be an appropriate officer for this purpose since he is an officer of the Board. (Neither the Legal Counsel, who will be defending the University, nor the Director of Nonacademic Personnel, who will be a witness, could properly do this.)

A special appropriation to cover the expenses of the hearing will also be necessary.

On motion of Mr. Hickman, the Board voted that (a) the hearing be conducted by a commission of the faculty to be appointed by the Board on nomination by the President of the University; and (b) the Secretary of the Board be directed to serve as executive secretary of the commission with authority to make all appropriate arrangements necessary for conducting the hearing.

On this motion Mr. Nickell voted "no," and Mr. Livingston asked to be recorded as not voting.

ADDITION TO STUDENT AND STAFF APARTMENTS

(5) The appropriations made by the Sixty-fifth General Assembly of Illinois for University buildings to be constructed during the biennium of 1947-1949 include $400,000 for "Construction of student and staff apartments." With this fund as a partial equity, supplemented by a loan, the University is constructing permanent student and staff apartments to provide quarters for married students and members of the faculty. The complete project will consist of two six-story buildings and two three-story buildings containing altogether 213 apartments. At present, one-half of the project (one six-story building and one three-story building) is under construction and nearing completion, this being the maximum construction possible with the funds so far available.

Unassigned funds are still available in building appropriations to the University for the biennium 1947-1949 which, combined with the appropriation of $200,000 requested for student and staff housing for the 1949-1951 biennium, would enable the University to proceed with another step in this project, the construction of the second six-story building, which would include ninety-five apartments.

There has previously been released $48,405 from the contingency item in the building appropriations to the University, to supplement funds for the construction of student residence halls. This will not be needed for that project. There is also available an unexpended $60,000 in funds previously released from items for student and staff apartments, and for preparation of plans and specifications for future building projects; and there is an unreleased balance of $29,595 in the item for contingencies.

The Governor has been requested to: (1) rescind in part a previous release of funds authorized by him, so that $48,405 assigned from the contingency item to supplement funds for the construction of student residence halls will be returned to the contingency appropriation; and (2) release a total of $78,000 from the contingency appropriation to be applied on the construction of student and staff apartments. The sum of these items ($60,000, $29,595, and $48,405) will provide $138,000 of funds currently available for student and staff housing construction.

If this money can be combined with the $200,000 requested for the biennium of 1949-1951, there will be available a total of $338,000, which would enable the University to proceed with the construction of the second six-story apartment building. The total cost of this is estimated at $1,152,000 (see Schedule A, page 476), of which $814,000 can be borrowed and amortized from rental income. A preliminary survey indicates an estimated net income of $54,904 (see Schedule B, page 477).

The Director of the Physical Plant Department and the Comptroller recommend the Board authorize the construction of the second six-story building subject to the release of funds in 1947-1949 building appropriations by the Governor, and subject to the receipt of construction and financing bids within the estimates.

I concur and recommend that:

1. The Finance Committee of the Board be authorized to act for the Board on bids for the financing of the second six-story unit.

2. The Executive Committee of the Board be authorized to award construction contracts if satisfactory bids are received.

Funds appropriated for the biennium 1947-1949 are available until September 30, 1949, but must be encumbered prior to June 30. Committee action is therefore recommended in view of this time element.

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

BIDS ON STUDENT AND STAFF APARTMENTS

(6) Bids on the second six-story building of the Student and Staff Apartments now under construction at Green Street and Goodwin Avenue, Urbana, indicate that the total capital cost will be $1,038,000, or $114,000 less than the architects estimated. Hence it will be necessary to borrow only $700,000 instead of $814,000. The estimated net annual income from rents will be adequate to amortize this amount.

The Director of the Physical Plant Department and the Comptroller recommend award of contracts to the lowest bidders as follows, subject to the release of funds in current building appropriations by the Governor and to final approval of an appropriation of $200,000 for housing in the building appropriations requested for the 1949-1951 biennium:

Kuhne-Simmons Company, Inc., Champaign, general work	$564 500
Bellis & Miller, Inc., Champaign, ventilating work	7 840
Bellis & Miller, Inc., Champaign, heating work	68 907
E. M. Hays, Champaign, plumbing work	114 999
Square Deal Electric Company, LaPorte, Indiana, electrical work	43 317
Otis Elevator Company, Chicago, installation of elevator	19 470

I concur.

On motion of Mr. Livingston, these contracts were authorized as recommended.

DEGREE OF DOCTOR OF PHILOSOPHY IN COMMUNICATIONS

(7) The Executive Faculty of the Graduate College and the University Senate recommend the establishment of a program of study of mass communications leading to the degree of Doctor of Philosophy.

I concur.

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

FIVE-YEAR CURRICULUM IN ARCHITECTURE

(8) The faculty of the College of Fine and Applied Arts and the University Senate recommend the establishment of a five-year curriculum in architecture leading to the degree of Bachelor of Architecture with two options: (1) general option for architects and (2) engineering option for architectural engineers. This is a revision and expansion of the present four-year undergraduate curriculum in architecture to five years. It is proposed to inaugurate this curriculum for students entering as freshmen in September, 1949 (see Appendix, page 477).

I concur in these recommendations.

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

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

(9) The Committee on Accountancy recommends the following persons for the Illinois C.P.A. certificate under Section 5 of the Accountancy Act of 1943. They have submitted satisfactory evidence that they were holders of valid unrevoked C.P.A. certificates issued by other states on the basis of written examinations. They have satisfied all other requirements of the law.

Orvin Henry Anderson (Mich.)
Leonard Angelo Barzan (D.C.)
Joseph W. Bower (N.J.)
Robert Harold Clark (Ind.)
Hester Ellen Erb (Calif.)
Charles E. Fernald (Pa.)
Frank Michael Maloney (Ohio)
Wright Moore Pargellis (Calif.)
John Rasqui, Jr. (Ohio)
Earl Vincent Reuschlein (Wis.)
Joseph George Tragesser (Mo.)
Martin William Tranen (N.Y.)

I concur.

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

SABBATICAL LEAVE OF ABSENCE FOR PROFESSOR NEIL E. STEVENS*

(10) Professor Neil E. Stevens of the Department of Horticulture has been granted sabbatical leave of absence for six months beginning March 1, 1950, on one-half pay. He has requested that this be changed to sabbatical leave for one year on one-half pay, beginning September 1, 1949.

I recommend approval.

On motion of Mrs. Holt, this leave of absence was authorized.

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. Converting and remodeling Allerton property (additional)	$21 000
2. Equipment for Department of Bacteriology	20 000
3. Remodeling in Noyes Laboratory	17 700
4. Remodeling in Horticulture Field Laboratory	6 356
5. Housing of stock animals for Physiology Department	5 000
6. Remodeling in Smith Music Hall	5 390
	$75 446

* Professor Stevens died on June 26, 1949.

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.

I concur and recommend that these appropriations be made from the 1948-1949 General Reserve Fund to the extent that funds are available therein and the remainder from the General Reserve Fund from 1949-1950, and that all of these appropriations be made available until June 30, 1950.

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

CHANGES IN CIVIL SERVICE CLASS SPECIFICATIONS AND SALARY RANGES

(12) The Director of Nonacademic Personnel recommends the following changes in University Civil Service positions, to become effective July 1, 1949: (1) deletions from class specifications; (2) additions to class specifications; (3) changes in existing class specifications; and (4) changes in salary ranges of existing class specifications.

These changes are shown in detail in the accompanying schedules and they have previously been submitted to the Committee on Civil Service and Employees for study in advance of the Board Meeting. A copy is filed in the office of the Secretary of the Board.

I concur in the Director's recommendations.

On motion of Mr. Herrick, these changes in class specifications and salary ranges were approved.

APPOINTMENTS TO THE FACULTY MADE BY THE PRESIDENT OF THE UNIVERSITY

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

1. WAYNE MELVILLE BEVER, Associate Professor of Crop Pathology, on one-fifth time, beginning July 1, 1949, at an annual salary of $1,005.

2. GORDON W. BINKERD, Assistant Professor of Music, beginning September 1, 1949, at an annual salary of $4,300.

3. ROBERT CAMPBELL, Assistant Professor of Economics, beginning September 1, 1949, at an annual salary of $4,500.

4. HERMAN CHERNOFF, Assistant Professor of Mathematics, beginning September 1, 1949, at an annual salary of $4,500.

5. THOMAS L. GRISAMORE, Assistant Professor of Hygiene and Medical Adviser for Men, in the Undergraduate Division in Chicago, on one-half time, beginning July 1, 1949, at an annual salary of $3,500.

6. LEONID HURWICZ, Research Professor of Economics and Mathematical Statistics, beginning September 1, 1949, at an annual salary of $7,850.

7. WILLIBALD KARL JENTSCHKE, Assistant Professor of Electrical Engineering, beginning March 16, 1949, without salary.

8. MARTHA SUE LEWANDOSKI, Assistant Professor of Hygiene and Medical Adviser for Women, beginning June 1, 1949, at an annual salary of $5,000.

9. JAMES HARRY POTTER, Professor of Mechanical Engineering, beginning July 1, 1949, at an annual salary of $6,200.

10. SOL SPIEGELMAN, Research Professor of Bacteriology, beginning July 1, 1949, at an annual salary of $7,500.

11. PETER NICHOLAS VUKASIN, Assistant Professor of Economics, beginning September 1, 1949, at an annual salary of $4,500.

12. ERWIN KURT EDWARD WEISE, Assistant Professor of Electrical Engineering, beginning March 16, 1949, without salary.

13. PAUL YOUNG, Professor of Music, beginning September 1, 1949, at an annual salary of $7,000.

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

CONTRACT FOR PIPING IN ABBOTT POWER PLANT

(14) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for $16,582.53 to the Dobe Piping Company, Edwardsville, the lowest bidder, for the installation of piping for the feed water treatment equipment in the Abbott Power Plant. Contracts have previously been authorized by the Board of Trustees for the additional feed water treatment equipment and for the purchase of structural steel. This equipment is needed to increase the generator capacity of one turbo-generator by increasing the feed water capacity. Funds are available.

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

On motion of Mr. Livingston, this contract was authorized.

CONTRACT FOR GENERAL WORK IN ABBOTT POWER PLANT

(15) Bids have been requested twice for the general construction work required for the installation of feed water equipment for the Abbott Power Plant at Urbana-Champaign. This project has already been authorized by the Board and some of the equipment contracts have been awarded.

Only one bid, for $31,250, was received on the general work on the first attempt. The bid was rejected because it was in excess of the engineering estimates of the cost of the job. As a result of the second invitation, the following bids were received:

Kuhne-Simmons Company, Inc., Champaign	$27 500
John Felmley Company, Bloomington	30 950

These bids are still in excess of engineering estimates. As a result of negotiations with the lower bidder, he has offered to do the construction work, with certain minor revisions acceptable to the University, at a cost of $18,089.

Funds are available for this project in the appropriation for "Enlargement of Power Plant" for the biennium of 1947-1949. The funds will lapse unless encumbered by June 30 and expended by September 30, 1949.

The Director of the Physical Plant Department and the Comptroller recommend that all bids be rejected again and that a contract for $18,089 be awarded to Kuhne-Simmons Company.

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

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

ADDITION TO CONTRACT FOR FIRE PROTECTION FACILITIES AT URBANA

(16) The University has a contract with the Kil-Bar Electric Company, Chicago, for the installation of a new fire alarm system on the Urbana-Champaign campus at a contract price of $28,565. The contract also provides that the Company shall test existing fire-alarm cable on the campus and that if replacements are necessary they will be made at an additional cost of 36 cents a lineal foot.

Tests indicate that approximately 12,000 lineal feet of cable should be replaced. The Director of the Physical Plant Department and the Comptroller recommend an addition to the contract with the Kil-Bar Electric Company for the replacement of cable at a cost of not to exceed $4,320, final payment to be determined by the actual measurement of new cable installed.

Funds are available in the State appropriation for "Construction of fire protection facilities" for the biennium of 1947-1949. I concur and recommend that the Comptroller be authorized to execute this contract change.

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

CONTRACTS FOR PHYSICAL PLANT SERVICE BUILDING ANNEX

(17) The Director of the Physical Plant Department and the Comptroller recommend award of contracts to the following lowest bidders for the construction of a temporary one-story building, approximately 24 feet by 80 feet, as a Physical Plant Service Building Annex:

E. N. DeAtley, Champaign, general work	$16 000
Square Deal Electric Company, LaPorte, Indiana, electrical work	2 321
E. M. Hays Plumbing & Heating Company, Champaign, heating	2 759
E. M. Hays Plumbing & Heating Company, Champaign, plumbing	2 924
	$24 004

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

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

On motion of Mr. Fornof, these contracts were authorized.

CONTRACT FOR EXTENSION OF UTILITIES DISTRIBUTION SYSTEM TO STUDENT AND STAFF APARTMENTS AT URBANA

(18) The Director of the Physical Plant Department and the Comptroller recommend the award of contracts for the extension of the electrical distribution system to the Student and Staff Apartments at Green Street and Goodwin Avenue to:

John Felmley Company, Bloomington, general work	$ 4 500
A. S. Schulman Electric Company, Chicago, electrical work	5 883
	$10 383

These are the lowest bids in each case.

Funds are available in the State appropriation for "Extension of the Utilities Distribution System."

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

On motion of Mrs. Watkins, these contracts were authorized.

CONTRACT FOR RECORD PROGRAM SERVICE

(19) The Director of Radio Station WILL and the Comptroller recommend the award of a contract to the Muzak Corporation, New York City, for a recorded program service consisting of transcriptions aggregating four thousand or more recorded titles for a two-year period from July 1, 1949. The contract also provides for additional recorded program service each month consisting of a set of transcriptions aggregating at least two hours of continuous playing time. The cost of this service is $2,910, payable in twenty-four monthly installments, of which the first six shall be $110 each and the remaining eighteen $125 each.

I concur.

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

CONTRACT FOR ARCHITECTURAL SERVICES AT CHICAGO PROFESSIONAL COLLEGES

(20) The Vice-President in charge of the Chicago Professional Colleges, the Director of the Physical Plant, and the Comptroller recommend the employment of Pace Associates for architectural services in connection with the design and construction of the proposed new classroom and laboratory building at the Chicago Professional Colleges. Pace Associates propose to provide complete architectural, engineering, and supervisory service for a fee of 5½ per cent of the cost of the work designed by them or purchased under their direction. This firm was previously engaged for preliminary studies on this project and any payments received for this preliminary work will be credited against the fee under the contract now proposed.

It is recommended that authority be granted to execute a contract with Pace Associates for this project subject to the availability of funds in the 1949-1951 appropriations.

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

On motion of Mr. Livingston, this contract was authorized.

REPLACEMENT OF TENNIS COURTS IN CHICAGO

(21) The Director of the Physical Plant Department and the Comptroller recommend the awarding of a contract for $11,095 to Frank H. Stowell, Chicago, the lowest bidder, for the construction of tennis courts at the corner of Polk and Wood Streets in Chicago. This construction is necessary to replace tennis courts which were torn up for the installation of underground steam and electrical lines.

Funds are available.

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

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

CONTRACT FOR INSTALLATION OF DENTAL UNITS

(22) The Director of the Physical Plant Department and the Comptroller recommend the awarding of a contract for $4,083 to Fettes, Love, and Sieben, Chicago, the lowest bidder, for the installation of thirteen dental units in the Medical and Dental College Laboratories Building in Chicago. The purchase of these units was previously authorized by the Board and funds were appropriated for this purpose, including installation costs.

Funds are available.

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

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

CONTRACT FOR A NEW 500 KVA UNIT SUBSTATION IN CHICAGO

(23) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for $10,975 to the White City Electric Company, Chicago, the lowest bidder, for the electrical work for a new 500 kva unit substation in the Chicago Illini Union Building on the Chicago Professional Colleges Campus.

Funds are available.

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

On motion of Mr. Hickman, this contract was authorized.

ADDITION TO CONTRACT FOR HOUSING AREA SANITARY SEWER

(24) The Director of the Physical Plant Department and the Comptroller recommend an addition of $2,340.65 to the contract with Mancini, Ventrella, and Sons for the construction of a sanitary sewer serving the University housing area and other University buildings on the west side of the campus. The increase is to provide for crushed rock for bedding sewer tile where poor soil bearing conditions were encountered and for the additional work required because of unrecorded utility lines.

The specifications for this construction job provide for additional allowances for unusual conditions encountered during construction. This allowance relieved the contractor of including in his bid a contingency factor. It has been the experience of consulting engineers that making such provisions for contracts in sewer jobs results in a lower over-all cost than would be the case if contractors had to anticipate such contingencies in the base bid.

Funds are available in the State appropriation for "Construction of temporary student housing."

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

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

INCREASE IN EQUIPMENT CONTRACT FOR EAST CHEMISTRY BUILDING

(25) The Building Committee of the Department of Chemistry, the Director of the Physical Plant Department, and the Comptroller recommend an increase of $2,815.20 in the contract with the Kewaunee Manufacturing Company for the laboratory equipment in the East Chemistry Building on the Urbana Campus.

In the original planning of the equipment for the new building, it was decided that part of the furniture should be of wood construction. The Building Committee of the Department of Chemistry has reconsidered this problem and has come to the conclusion that metal furniture is much more desirable. All of their studies indicate that metal furniture will last longer, and in the long run be more economical than wooden furniture.

The recommended increase of $2,815.20 will provide for the additional cost of all steel equipment.

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

On motion of Mr. Livingston, this change was authorized.

ADDITIONS TO HEATING AND VENTILATING CONTRACT FOR EAST CHEMISTRY BUILDING

(26) The Director of the Physical Plant Department and the Comptroller recommend two increases in the contract with the Carson-Payson Company, Danville, for the construction of the East Chemistry Building:

Installation of additional hydrogen sulphide lines in six different rooms	$1 262 80
Construction of a separate vent independent of the rest of the ventilating system for a hood in Room 405 to make possible the use of this room for radio carbon work without creating a hazard in other areas in the building	2 377 72

Funds are available in the State appropriation for 1947-1949 for "Construction of a New Chemistry Building."

I concur and recommend that the Comptroller be authorized to execute these changes in the contract.

On motion of Mr. Nickell, these changes were authorized.

ADDITION TO ELECTRICAL CONTRACT FOR EAST CHEMISTRY BUILDING

(27) After bids were received for the construction of the East Chemistry Building, changes had to be made in all contracts so that the total construction cost would be within the available funds. One of the reductions was changing the majority of the interior lighting fixtures from fluorescent to incandescent. The building plans had specified interior fluorescent lighting throughout.

The estimated cost of interior fluorescent lighting fixtures for the entire building was $55,000. The actual cost of interior lighting fixtures (mostly incandescent; a small amount of fluorescent lighting has been used where such installations are justified for special reasons), including light bulbs, is $10,447.16. The lighting fixtures are not a part of the electrical contract but were purchased separately by authority of the Board of Trustees on the basis of competitive quotations.

Incandescent fixtures require more wiring, i.e., a larger gauge of copper wire, than fluorescent, and other incidental changes require additions to the contract for electrical work. The Board has previously authorized an increase of $6,936.80 in the contract for the electrical work for switchboard changes due to the change from fluorescent to incandescent light fixtures, and an additional increase of $120 was authorized by the Comptroller for changing the size of the cable.

The Director of the Physical Plant Department and the Comptroller now

recommend an additional increase of $14,556.35 (for new design for switchboards, bus ducts, and transformer, $5,584.54; for increase in wiring throughout the building, $8,971.81) in the contract with the Leverenz Electric Company, Danville. These increases aggregate ($6,936.80, $120.00, $14,556.35) $21,613.15, to which must be added the cost of incandescent fixtures, $10,447.16, making a total of $32,060.31, as compared with an estimated cost of $55,000 for fluorescent fixtures. The net capital saving is $22,939.69.

While current consumption of incandescent lighting is from two to two and one-half times that of fluorescent lighting, Professor J. O. Kraehenbuehl of the Department of Electrical Engineering, an expert on illumination, has advised that with the low cost to the University of producing electric power, from fifteen to twenty years of operation would be necessary before the saving in current would offset the higher capital cost of fluorescent lighting, and by that time the fixtures will probably be obsolete. Professor Kraehenbuehl states that maintenance of fluorescent lighting fixtures costs from two to three times the maintenance of incandescent lighting.

I concur and recommend that the Comptroller be authorized to execute these changes in the contract.

On motion of Mrs. Watkins, these changes were authorized.

ADDITION TO ELECTRICAL CONTRACT FOR MECHANICAL ENGINEERING BUILDING

(28) The Director of the Physical Plant Department and the Comptroller recommend an increase of $4,280.20 in the contract with the Square Deal Electric Company for the electrical work in connection with the Mechanical Engineering Building.

It has been possible to secure additional machine tools from the War Assets Administration as surplus government equipment at a very low cost to the University. Some of the machines were obtained for the cost of transportation and some of them at 5 per cent of the government appraised value. This additional equipment, however, required a revision of the arrangement of shop equipment and thirty-nine additional power connections. The architects checked the costs involved and find them very reasonable for the work to be done.

Funds are available for this addition.

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

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

ADDITION TO CONTRACT FOR BUILDING ALTERATIONS FOR DEPARTMENT OF PHYSICAL MEDICINE

(29) The Director of the Physical Plant Department and the Comptroller recommend an addition of $1,426 in the contract with E. H. Marhoefer, Jr., Company of Chicago for the intercommunication system in the Department of Physical Medicine, Chicago. The details for this work were not completely worked out when the original contract was awarded and the contract was let without it to avoid delay in starting the remodeling.

Funds are available for this addition.

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

On motion of Mr. Nickell, this change was authorized.

APPROPRIATIONS BY THE ATHLETIC ASSOCIATION

(30) The following appropriations by the Board of Directors of the Athletic Association are submitted to the Board of Trustees for their approval:

1. An appropriation of $2,000 for necessary paving of walks, drive, and apron to the barn at the golf course.

2. Supplementary appropriation of $13,000 for the completion of the well and other miscellaneous work necessary to complete the project at the golf course.

On motion of Mr. McLaughlin, these appropriations were approved.

INVESTMENTS

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

ENDOWMENT FUNDS

Purchase:

$10,000 B. F. Goodrich Company first mortgage 2¾% bonds due 1965.....$10 152 58

STUDENT LOAN FUNDS

Exchange:

$37,000 U.S.A. Certificates of Indebtedness, 1⅛%, due June 1, 1949, for $37,000 U.S.A. Certificates of Indebtedness, 1¼%, due June 1, 1950.

On motion of Mr. Livingston, the action of the Finance Committee was approved.

PURCHASES

(32) There are submitted reports of (A) emergency purchases authorized and of (B) purchases recommended (see Appendix, page 479).

On motion of Mrs. Watkins, the action of the President of the University in authorizing an emergency purchase was confirmed, and purchases were authorized as recommended.

COMPTROLLER'S REPORT OF CONTRACTS

(33) The Comptroller's report of contracts executed from May 11 to June 10, 1949 (see Appendix, page 483).

This report was received for record.

WAGE ADJUSTMENTS FOR CERTAIN NONACADEMIC GROUPS

(34) I. The President of the University has given approval and directions concerning certain modifications of the policy and procedures (see addendum below) relating to employees in salary-range, nonprevailing rate groups as follows effective July 1, 1949:

A. All employees now receiving $150 a month or less in total compensation and who on July 1, 1949, will have completed their six months' probationary period shall receive a minimum annual increase of $150 for the biennium of 1949-1951.

B. Agricultural employees at the Assistant level (Group II) now receiving various individual salaries within a $175-250 range shall receive $250 a month, and adjustments are to be made in ranges and rates of all agricultural employees to bring them into harmony with this basic adjustment.

C. The 75 cents minimum hourly rate ($130 monthly for the forty-hour week) approved in March shall be applied to the cash compensation of food service employees without deduction of the value of meals furnished, and adjustments shall be made in other ranges and wages of food service classifications to maintain harmony with this increase in the base rate.

II. These provisions call for further budget adjustments as follows:

A. Approximately 375 employees who now receive $1,800 or less will receive increases totaling approximately $21,000 in addition to those already provided in departmental budget recommendations.

B. Approximately one hundred employees will receive increases totaling approximately $21,000 in addition to those anticipated in earlier computations. Ranges are being moved upward an average of $25 in order to accommodate these salary increases.

C. All food service employees will receive an increase of at least $120 a year with larger sums being provided at the lower end of the present pay brackets.

Approval of the 75 cents an hour minimum involves a revision of the first five ranges in the Civil Service classification system as follows:

Range I now $100-$140	Combined as one range $130-$165	
Range II now 120- 160		
Range III now 125- 175		140- 175
Range IV now 140- 200		150- 200
Range V now 150- 225		160- 225

I request approval of these new wage scales subject to favorable action by the General Assembly and the Governor on the University's biennial operating budget of $67,271,742 for the biennium of 1949-1951. The budget will carry the changes required within the allocations for nonacademic salaries. The additional funds needed for increasing the wages of food service employees are being provided from nonacademic wage reserves and will not be charged to food service operations. If the Board gives approval of these changes it will not be necessary for it to act separately on an itemized and detailed list of the classifications affected.

Nonacademic salaries are paid on the basis of the fiscal year from July 1 to June 30. Since the internal budget for 1949-1950 will not be presented to the Board of Trustees at this meeting, and to avoid the necessity of payroll adjustments for retroactive salary increases, authority is requested to pay the July nonacademic salaries in accordance with rates recommended by the Director of Nonacademic Personnel and approved by the President. Such rates will be included in the budget to be presented to the Board of Trustees later.

ADDENDUM

I. On March 15, 1949, the President of the University approved a statement of general policy for wage and salary increases for the fiscal year beginning July 1, 1949. The essential elements in this policy were:

A. For Prevailing Rate Groups, changes in wage rates as they occur in the community in which the work is performed.

B. For Salary Range Groups:

1. Requirements of the Policy and Rules and of the terms of certain collective bargaining agreements calling for minimum increases of $120 a year to employees below range midpoint are to be given first priority.

2. Balance of available funds is to be assigned to colleges, departments, and divisions on an equitable basis related to total salary budgets, for application to individual salaries which shall take into account merit, internal equities, length of service, and rates paid for similar duties by outside employment.

a. No increases are to be given which will carry individual salaries above the top of approved ranges.

3. The University will recognize a minimum rate of 75 cents an hour for nonacademic employment.

C. Of the 10 per cent of total salary and wage funds included in the biennial budget approximately three-quarters was to be made available for use in the first year of the biennium and one-quarter held in reserve for the second year.

II. Under this policy, budgets have been prepared and submitted which provide for the following:

A. Prevailing Rate Employees will receive in full and on time adjustments equal to those provided for similar work in their respective community.

B. Salary Range Employees:

1. All food service and agricultural employees except a few at the top of their range will receive increases on July 1 in accordance with the provisions of University-Union agreements.

2. At least 90 per cent of all laboratory, stores, and airport employees will receive sizable increases under contract provisions and departmental recommendations.

3. A similar proportion of clerical, supervisory, and other non-unionized employees will receive comparable increases.

4. About the only ones for whom no increases are being proposed are (a) those already at the top of their range; (b) very new employees still in their probationary period; (c) a few employees now being paid the top limit of their value on their particular jobs.

The plan as approved and implemented in accordance with the above details was intended to provide for adjustments based on merit and relationship to rates paid for similar work by the best type of employers elsewhere. It allowed for consideration of individuals and for the establishment of an over-all salary schedule in proper internal relationship and proportion. In so doing, while it did provide

certain rather low salary ranges and individual rates, these ranges and rates were based on similar ones at the community level.

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

APPOINTMENT OF WALTER H. ROETTGER AS ASSISTANT DIRECTOR OF ATHLETICS

(35) The Director of Athletics has recommended, and the Board of Directors of the Athletic Association has approved, the appointment of Walter H. Roettger as Assistant Director of Athletics effective *July 1, 1949*. He will *continue* as Associate Professor of Physical Education for Men, as Head Coach of Baseball, but will be relieved of his duties as Assistant Basketball Coach in view of his increased administrative responsibilities. This change in status involves no increase in his salary ($7,670 a year, of which the University pays $1,500 for teaching services). That portion of salary he has been receiving from the Athletic Association for basketball coaching will be charged against administration.

I recommend approval.

On motion of Mrs. Watkins, this appointment was confirmed.

APPOINTMENT OF DANIEL BORTH, JR., AS ASSOCIATE DEAN OF THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

(36) The Dean of the College of Commerce and Business Administration recommends the appointment of Daniel Borth, Jr., now Professor of Accountancy, as Professor of Accountancy on indefinite tenure and Associate Dean of the College for one year from September 1, 1949, at an annual salary of $9,000.

I concur in this recommendation.

On motion of Mrs. Holt, this appointment was approved.

LEAVE OF ABSENCE FOR DIRECTOR R. B. DOWNS

(37) Director R. B. Downs of the Library and the Library School has been asked to advise the Library of Congress on the future development of its National Union Catalog. This is a field in which he has had much professional experience and he has asked for a leave of absence during July in order to accept the assignment.

I recommend that he be given the leave with full pay.

On motion of Mr. Fornof, this leave was authorized.

ADVISORY COMMITTEES FOR THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

(38) The Dean of the College of Commerce and Business Administration recommends the appointment of the following advisory committees for that College for a period of one year beginning July 1, 1949, or until their successors have been appointed:

Accountancy

Otto Gressens, Chicago
H. C. Hawes, Chicago
Herbert T. McAnly, Chicago

Advertising

J. C. Aspley, Chicago
Homer J. Buckley, Chicago
G. D. Crain, Jr., Chicago
Howard H. Monk, Rockford

Banking

Harry A. Brinkman, Chicago
Frank C. Rathje, Chicago
Charles R. Reardon, Joliet
C. S. Young, Chicago

Foreign Trade

F. L. Marshall, Chicago
Harry Salinger, Chicago
V. D. Seaman, Chicago
C. M. Wynne, Chicago

Governmental Finance

Newton C. Farr, Chicago
George B. McKibbin, Chicago
Sterling Morton, Chicago
Frank E. Packard, Chicago

Industrial Management

T. W. Edwards, Chicago
C. B. Hoffman, Chicago
Arthur S. Mann, Kankakee
H. M. Railsback, Moline

Insurance
ROLLIN M. CLARK, Chicago
WADE FETZER, JR., Chicago
GEORGE H. MOLONEY, Chicago
ROYCE G. ROWE, Chicago

Investments
RALPH CHAPMAN, Chicago
A. R. GARDNER, Chicago
HARRY GOODSITT, Springfield
PAT G. MORRIS, Chicago

Marketing
E. B. MORAN, Chicago
A. C. NIELSEN, Chicago
ERNEST PAXTON, Danville
JOSEPH C. SPIESS, Elgin

Personnel Relations
WILLIAM M. EDENS, Chicago
HARVEY C. MARMADUKE, Chicago
RALPH M. MONK, Peoria
M. M. OLANDER, Toledo, Ohio

Public Utilities
JOHN B. BIGGS, Springfield
KENNETH D. CARPENTER, Chicago
N. B. ELLIOTT, Champaign
A. E. PATTON, Chicago

Statistics
GUENTHER BAUMGART, Chicago
WALTER E. HOADLEY, JR., Chicago
HOWARD L. JONES, Chicago
LESTER S. KELLOGG, Moline

Transportation
WAYNE A. JOHNSTON, Chicago
WAYNE L. MCMILLEN, New York City
CHESTER G. MOORE, Chicago

I concur and recommend further that these gentlemen be appointed or reappointed to the Citizens Committee of the University of Illinois.

On motion of Mr. Livingston, these appointments were approved.

AWARD OF CONTRACT BY THE ATHLETIC ASSOCIATION

(39) The Board of Directors of the Athletic Association has awarded a contract to Mr. W. L. Hall for the purchase and installation of a complete underground irrigation system for the gridiron in Memorial Stadium and has assigned the sum of $15,000 from Stadium Maintenance Funds for the completion of the project. Bids were received for this work including the excavation, back-filling, sodding, purchase of pipe, sprinkler heads, tees, valves, and connections as follows:

Lynne Meyer	$12 500 00
G. S. Chastain	12 850 00
J. L. Johnson & Sons	13 327 60
W. L. Hall	11 750 00

The Comptroller recommends that the action of the Board of Directors of the Athletic Association be approved.

I concur in this recommendation.

On motion of Mr. McLaughlin, the action of the Board of Directors was approved.

LIBRARY BINDING

(40) The Director of the Library, the Director of Purchases, and the Comptroller recommend placing an order for library binding for two years beginning July 1, 1949, for all University of Illinois requirements (Urbana-Champaign, Chicago Professional Colleges, and the Chicago Undergraduate Division) with Ernst Hertzberg and Sons, Chicago, the lowest bidder.

I concur.

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

CONTRACT FOR LANDSCAPING WORK

(41) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for $8,727 to Martin Ivey, Urbana, the lowest bidder, for landscaping the East Chemistry Building and Physics Research Laboratory areas. The total cost is divided into a charge of $6,198 for the East Chemistry Building area and $2,529 for the Physics Research Laboratory area.

Funds are available in the State appropriations for the construction of these buildings to cover the cost.

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

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

ADDITION TO ELECTRICAL CONTRACT FOR ELECTRICAL ENGINEERING BUILDING

(42) The Director of the Physical Plant Department and the Comptroller recommend an increase of $1,671.51 in the contract with Leverenz Electric Company for the electrical work in the construction of the Electrical Engineering Building. This will provide for furnishing and installing eight reduced voltage starters for eight motors on the supply and exhaust fans, replacing the "across-the-line" starters furnished with the fans. The change in starters is requested to comply with the policy of the Physical Plant Department of using reduced voltage motor starters on all motors over five horsepower, thereby reducing the load on power lines when motors are started.

Funds are available in the State appropriation for the construction of the Electrical Engineering Building.

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

On motion of Mr. Livingston, this change was authorized.

ADDITION TO GENERAL CONTRACT FOR EAST CHEMISTRY BUILDING

(43) When plans and specifications for the East Chemistry Building were prepared, acoustical ceilings were eliminated from all but four rooms to keep construction costs to the minimum until availability of funds was assured.

The Chemistry Department has requested acoustical ceilings in additional rooms, since it is now known that funds will be available in the appropriation for this building.

The Director of the Physical Plant Department and the Comptroller recommend an increase of $8,000 in the contract with John Felmley Company for the general work on the construction of this building for acoustical ceilings in:

Ground floor: Entrance lobby No. 2, corridors Nos. 12 and 17.

First floor: Lobby (students lounge) No. 101, seminar No. 118, classroom Nos. 121, 123, and 136, corridor No. 122, conference room No. 130, departmental offices Nos. 133 and 134.

Second floor: Drafting and lecture room No. 203 and library No. 235.

Third floor: Seminar No. 319, departmental offices Nos. 321 and 322.

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

On motion of Mr. Hickman, this change was authorized.

CONTRACT FOR ENGINEERING SERVICES ON VIVARIUM REFRIGERATION SYSTEM

(44) The present refrigerating system at the Vivarium Building at Urbana-Champaign is twenty-five years old and has reached the point beyond which it is no longer economical to repair it. Its obsolescence has been accelerated by rapid progress in the refrigerating field. The refrigerant used is a hazardous sulphur dioxide type. The present system is incapable of obtaining the temperature and humidity ranges required for certain experimental work.

The Director of the Physical Plant Department and the Comptroller recommend that a contract be awarded to Mr. E. C. Manthei of Champaign to prepare plans, specifications, and cost estimates for replacing this refrigerating system, the contract to be on the basis of 4½ per cent of the cost of the new equipment, equipment replacement, and installation, with the provision that the fee shall not exceed $2,800. The total estimated cost for modernization, exclusive of these engineering services, is $60,460.

Funds are available in the Physical Plant budget for this contract for preparing plans and specifications.

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

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

CONTRACT FOR PURCHASE OF COAL

(45) The Director of Purchases and the Comptroller recommend that a contract be awarded to the Republic Coal and Coke Company, Mattoon, the lowest bidder, for approximately 40,000 tons of screenings coal to be delivered to the Abbott Power Plant, Urbana-Champaign, as required from September 1, 1949, to May 31, 1950, at a price of $4.00 a ton f.o.b. mine. The total expenditure will be approximately $160,000 for the coal, plus $38,160 for freight, a total of $198,160.

The lowest bid is determined by the number of British thermal units for one cent based on guaranteed analyses.

I concur.

On motion of Mr. McLaughlin, this contract was authorized, subject to constitutional provisions.

REAPPROPRIATION OF UNEXPENDED BALANCES

(46) The Comptroller recommends that the following unexpended balances in appropriations made by the Board of Trustees for services and projects not completed as of June 30, 1949, be reappropriated (see Appendix, page 483). The total of such balances recommended for reappropriation is $2,377,467, of which it is recommended that $1,017,187 be reappropriated for a period of sixty days from July 1, 1949, and the remainder of $1,360,280 be reappropriated for the fiscal year beginning July 1, 1949. The appropriation balances included in the first group are for projects which can be completed within the sixty-day period provided by the State Finance Act and can be charged against the University's appropriation for the biennium of 1947-1949. Other items will be covered by unexpended balance in University Income Fund at June 30, 1949, which will be covered by State appropriations for 1949-1951.

I concur.

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

INSTALLATION OF LABORATORY EQUIPMENT IN EAST CHEMISTRY BUILDING

(47) Much of the equipment for the East Chemistry Building has already been purchased and will be paid for from the State building appropriations for 1947-1949 for the construction of this building. An additional appropriation of $400,000 has been requested for 1949-1951 for the purchase of additional equipment and for installation.

In the meantime, bids have been taken on the installation of this equipment. The Director of the Physical Plant Department and the Comptroller recommend award of the contracts to the lowest bidders as follows, in each case the contract to be subject to availability of funds for the biennium of 1949-1951:

Brunkow Electric Company, Champaign, electrical work	$ 18 740
W. T. Mahoney and Sons, Chicago, plumbing work	110 718
Carson-Payson Company, Danville, heating work	99 933
Carson-Payson Company, Danville, pipe supports	21 480
	$250 871

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts with the qualifications specified.

On motion of Mrs. Holt, these contracts were authorized subject to availability of funds.

CONTRACT FOR EXTENSION OF UTILITY SERVICES TO VETERINARY SCIENCE BUILDING

(48) The Board of Trustees has awarded contracts for the construction of a steam tunnel and installation of piping for extension of the utilities distribution system to the site of the proposed new College of Veterinary Medicine building.

Bids have now been received for (1) insulation of the pipe, and (2) the construction of underground electric duct run and manholes.

The Director of the Physical Plant Department and the Comptroller recommend award of the contracts to the lowest bidders:

Asbestos & Magnesia Materials Company, Chicago, insulation of the pipe.....$ 8 570
Kuhne-Simmons Company, Inc., Champaign, construction of electric duct run and manholes..... 34 717

Funds are available in the State appropriation for 1947-1949 for the enlargement and extension of the utilities distribution system.

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

On motion of Mr. Livingston, these contracts were authorized.

CONTRACT FOR WATERPOOFING EXTERIOR WALLS OF PHYSICS RESEARCH LABORATORY

(49) Shortly after the completion of the Physics Research Laboratory (the Betatron Building), it was found that the mortar joints, particularly in the south wall, were not water-tight. This is probably due to use of mortar of too rich a mixture in the laying of the bricks, causing shrinkage and fine cracks in the joints. During heavy rains there is considerable leakage with damage to the interior walls and in some cases to equipment.

The Physical Plant Department consulted the State Architect's office and the Small Homes Council regarding corrective measures. Both organizations had experienced similar defects but knew of no product or treatment they could recommend. After further investigation, information and estimates were secured from two organizations specializing in this kind of work, the Western Waterproofing Company, Chicago, and the A. C. Horn Corporation, Minneapolis, Minnesota. Western quoted a price of $3,450 for repairing the entire south elevation of the Physics Research Laboratory and the Horn Corporation quoted $3,344 for the same job. Work done by this company on other buildings, including some hotel jobs, was investigated and found satisfactory.

The treatment consists of testing all joints with hammer and chisel, taking out loose joints, and grouting all of the joints with factory-mixed material. The work is all done by the Horn Corporation's trained crew.

I recommend that the Comptroller and the Secretary of the Board be authorized to execute a contract for $3,344 for the restoration of the south elevation of the Physics Research Laboratory.

Funds are available in existing appropriations for this work.

On motion of Mr. McLaughlin, this contract was authorized.

CLOSING OF GALESBURG UNDERGRADUATE DIVISION

(50) Further conferences have been held with the Public Housing and Home Finance Administrator (in charge of the temporary housing project at Galesburg), and the Director of Public Welfare with respect to the time and conditions of the final transfer of government property used by the Galesburg Undergraduate Division.

Under the date of May 31, 1949, the War Assets Administration approved a transfer of this property to the State of Illinois for use for public health purposes, including especially the operation of a Geriatrics Institute for the care of the aged, infirm, and senile as of June 1, 1949, subject to concurrence of the University. This transfer was accepted by the Director of the Department of Public Welfare and by the Comptroller on behalf of the University, hy Letter Agreement dated May 31, 1949, subject to ratification by the Board of Trustees.

By agreement with the Department of Public Welfare, the University has continued in possession in order to close up its activities. The Department further requested that the University continue responsibilty for the property until September 1, 1949 (the original lease with the University ran until September 20, 1949). Officers of the University have agreed to do this, it being understood that operations are to be reduced as rapidly as possible and the staff and expenses

limited to those necessary for the protection of property and winding up the records and affairs of the University, including the removal of University property.

A resolution relating to the temporary housing units was approved by the Board on April 21, 1949. The effective date of that transfer has now been made July 30, at which time this portion of the property will be returned to the Public Housing Administration.

A resolution is now submitted relating to the general hospital property and its approval by the Board is requested.

Resolution approving the Letter Agreement for transfer of the site of the former Mayo General Hospital now under lease to the University of Illinois from the War Assets Administration

Whereas, it has been decided to close operation of the Galesburg Division of the University of Illinois at the end of the current academic year, and

Whereas, the Department of Public Welfare of the State of Illinois has applied to the War Assets Administration for purchase of the property and site now leased by the University of Illinois at the Galesburg Division, and that such application of purchase has been processed and transfer conditionally consummated by a Letter Agreement dated May 31, 1949, in which such property, personal and real, has been sold to the State of Illinois for public health purposes,

Now, Therefore, Be It Resolved, that the Letter Agreement dated May 31, 1949, between the State of Illinois Department of Public Welfare and the War Assets Administration or its successor in function, be confirmed, and the execution thereof by Lloyd Morey, Comptroller, through William J. English, Business Manager, Galesburg Division, be and is hereby ratified and approved.

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

LEASE OF ILLINI CENTER

(51) On April 24, 1947 (Minutes, page 348), the Board of Trustees authorized the leasing of quarters (3,000 square feet of space) in the LaSalle Hotel, Chicago, for the Illini Center, to be used jointly by the University and the Alumni Association, at a rental of $4,500 a year. The lease will terminate on June 30, 1949. The University has the option of renewing it for three successive two-year periods; the lessor has reserved the right to negotiate an adjustment in the rental with each renewal.

In consideration of the expenditure by the University for remodeling and furnishing the quarters, the LaSalle Hotel accepted a moderate rental for the earlier years of the occupancy, with the understanding that a higher rental would be put into effect later.

The LaSalle Hotel has requested a rental of $5,400 for 1949-1950 and of $6,000 for 1950-1951. The present rental is at the rate of $1.50 a square foot, and the proposed rates are $1.80 a square foot for 1949-1950 and $2.00 a square foot for 1950-1951. The rates are reasonable in comparison with other office quarters of similar quality in terms of location and services available in the Chicago Loop.

The Comptroller requests authority to extend this lease for two years ending June 30, 1951, at a rental of $5,400 for 1949-1950 and $6,000 for 1950-1951.

I concur.

On motion of Mr. McLaughlin, this lease was authorized.

HOUSE BILL 970

(52) At this point Mr. Livingston asked that the Board consider the implications of House Bill 970 now before the Senate of the Sixty-sixth General Assembly of Illinois.

This bill was introduced in the House of Representatives on May 17, 1949. It would amend an Act of 1941 by placing the administration of civil service in the University of Illinois under a separate board of commissioners to be appointed by the Governor. The Act of 1941 authorized and directed the Board of Trustees of the University of Illinois to classify by rules adopted for that purpose all nonacademic positions and employments in the University of Illinois (except the faculty, administrative officers, professional and scientific positions) with reference to duties thereof for the purpose of establishing grades, salary scales, and

standards of examinations therefor. Such positions and employment now constitute the classified civil service of the State in relation to the University of Illinois. All appointments are made in accordance with the provisions of such rules.

Mr. Livingston pointed out that the Board as a whole has not had a previous opportunity to consider House Bill 970 and take an official position on it. The bill was introduced shortly before the May meeting of the Board, at which time the Board had no knowledge of it. There has been no meeting of the Board since that time and obviously the Executive Committee could not speak for the Board. The present University Civil Service system was enacted at the request of the Board which also adopted the Policy and Rules Relating to Compensation and Working Conditions of Nonacademic Employees pursuant to such legislation.

After thorough discussion, on motion of Mr. Hickman, the Board adopted the following resolution and requested that it be transmitted to the Senate:[1]

"The Board of Trustees of the University of Illinois is opposed to the passage of House Bill 970 which would change the administration of civil service in the University by removing it from the Board of Trustees and placing it under a separate board of commissioners to be appointed by the Governor.

"The Board of Trustees is of the strong conviction that this bill would seriously hamper the Board and administrative officers in the administration of nonacademic employees."

MESSAGE TO MR. H. E. CUNNINGHAM

On motion of Mr. Livingston, the Board expressed to Mr. H. E. Cunningham, Secretary, its sympathy in his illness, and best wishes.

SECRETARY'S REPORT

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

1. Appointments made by the President of the University (page 423).
2. Graduate fellows (page 426).
3. Allerton scholarships (page 427).
4. Resignations, declinations, and terminations (page 427).
5. Retirements (page 428).
6. Lists of degrees approved by the University Senate to be conferred at Commencement June 12, in Urbana, and June 17, in Chicago (page 429).

The Board adjourned.

A. J. JANATA
Secretary, pro tempore

KENNEY E. WILLIAMSON
President

[1] This was done by the President of the University.

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.)

BEVER, WAYNE M., Associate Professor, Crop Pathology (Agronomy) (C) (⅕), indefinite tenure beginning July 1, 1949, to render service during two semesters of each academic year, $1005 (6-8-49).

BICKERS, DONALD, Research Assistant, Psychiatry (Medicine) (¼), four months beginning May 1, 1949, $50 a month (5-21-49).

BINKERD, GORDON W., Assistant Professor, Music, two years beginning September 1, 1949, to render service during two semesters of each academic year, $4300 a year (5-28-49).

BLAND, GEORGE F., Research Assistant, Electronic Digital Computer (Graduate College), three months beginning June 1, 1949, $275 a month, supersedes (6-9-49).

BOLDUC, BARBARA, Nursery School (Division of Special Services for War Veterans) (5/7), Summer Session, 1949, June 17-August 13, 1949, $493 (6-14-49).

BRANTLEY, JOHN C., Postdoctoral Research Assistant, Chemistry (Graduate College), July 1-August 15, 1949, $450 (5-28-49).

BUCK, W. L., Special Research Assistant, Physics (C), three months beginning June 1, 1949, $270 a month, supersedes (6-17-49).

CAMPBELL, ROBERT, Assistant Professor, Economics, academic year beginning September 1, 1949, $4500 (5-28-49).

CHERNOFF, HERMAN, Assistant Professor, Mathematics, academic year beginning September 1, 1949, $4500 (5-23-49).

CHRISTY, BARBARA, Special Research Assistant, Chemistry (Graduate College), one year beginning September 1, 1949, $2700 (6-17-49).

CHUNG, KAI-LAI, Visiting Lecturer (Graduate College), two months beginning June 15, 1949, $1000 (6-13-49).

COHEN, ALVIN J., Postdoctoral Research Assistant, Chemistry (Graduate College), July 1-August 15, 1949, $450 (5-28-49).

DOWSE, EUNICE M., Head Resident, New Residence Hall, ten months beginning September 1, 1949, $3000; also to be furnished housing valued at $100, and three meals daily, valued at $168 (5-26-49).

DRESKIN, E. A., Instructor, Pathology (Medicine) (¾), nine months beginning July 1, 1949, $3000 a year, supersedes (5-26-49).

EMIGH, C. R., Special Research Assistant, Physics (C), three months beginning June 1, 1949, $3240 a year, supersedes (6-13-49).

ERDÖS, PAUL, Visiting Lecturer (Graduate College), two months beginning June 15, 1949, $1800 (6-13-49).

ERKMAN, J. O., Special Research Assistant, Physics (C), three months beginning June 16, 1949, $270 a month (6-8-49).

EVANS, KARL H., Instructor, Civil Engineering (C) (½), academic year beginning September 1, 1949, $2000 (5-26-49).

FIX, LESTER W., Clinical Teaching Assistant, Pathology (Medicine), one year beginning July 1, 1949, without salary, supersedes (5-26-49).

FLEMING, MRS. MARILYN M., Electroencephalographer, and Assistant, Psychiatry (Medicine), four months beginning May 1, 1949, $200 a month (5-21-49).

FRAENKEL, GOTTFRIED S., Special Research Professor, Entomology (Graduate College), three months beginning June 15, 1949, $1998 (6-13-49).

FRANKEL, SHERMAN, Special Research Assistant, Physics (C), three months beginning June 1, 1949, $270 a month, supersedes (6-16-49).

GENTRY, DWIGHT L., Instructor, Marketing (Business Organization and Operation) (½), academic year beginning September 1, 1949, $1800 (6-17-49).

GRAFFIN, JACK W., Clinical Assistant, Dermatology (Medicine), May 18-August 31, 1949, without salary (6-9-49).

GRIEGER, PHILIP F., Research Assistant, Chemistry (Graduate College), one year beginning July 1, 1949, $4200 (6-13-49).

GRIFFITH, PAUL R., Clinical Associate, Dermatology (Medicine), five months beginning April 1, 1949, without salary, supersedes (5-21-49).

GRISAMORE, THOMAS L., Assistant Professor, Hygiene, and Medical Adviser for Men, Health Service (Undergraduate Division in Chicago) (½), July 1, 1949-August 31, 1950, $3500 a year (6-13-49).

HAMLIN, HOWARD H., Clinical Assistant, Surgery (Medicine), three months beginning June 1, 1949, without salary (5-28-49).

HURWICZ, LEONID, Research Professor, Economics and Mathematical Statistics (Graduate College), indefinite tenure beginning September 1, 1949, to render service during two semesters of each academic year, $7850 a year (6-13-49).

IRWIN, OWEN R., Research Assistant, Chemistry (Graduate College), one year beginning July 1, 1949, $3600 (6-9-49).

JANNEY, I. W., Special Research Assistant, Physics (C), two months beginning June 16, 1949, $270 a month (6-17-49).

JENSEN, MRS. KATHERINE B., Assistant Head Resident, New Residence Hall, ten months beginning September 1, 1949, $2400; also to be furnished three meals daily, valued at $168 (5-26-49).

JENTSCHKE, WILLIBALD K., Assistant Professor, Electrical Engineering (C), March 16-August 31, 1949, without salary (6-1-49).

JOLLY, WILLIAM L., Research Assistant, Chemistry (Graduate College), two months beginning July 1, 1949, $500 (6-9-49).

KIRCH, E. R., Chemistry (Undergraduate Division in Chicago) (⅓), Summer Session, 1949, June 27-August 19, 1949, $386 (6-15-49).

KIRK, COLLEEN J., Instructor, Music (⅓), College of Education (½), and Counselor, University Council on Teacher Education (17/100), academic year beginning September 1, 1949, $4090, supersedes (5-26-49).

KRAMER, CHARLES H., JR., Clinical Assistant, Medicine (Medicine), fifteen months beginning June 1, 1949, without salary (6-8-49).

KRATHWOHL, D. R., Instructor, Unit on Evaluation, Bureau of Research and Service, one year beginning September 1, 1949, $4600 (6-9-49).

KREGER, W. E., Special Research Assistant, Physics (C), two months beginning June 16, 1949, $270 a month (6-17-49).

LANDES, JACK L., Research Assistant, Bureau of Research and Service, June 16-August 31, 1949, $233.34 a month (5-21-49).

LEE, ZUR-KONG, Special Research Associate, Civil Engineering (S) (½), one year beginning June 16, 1949, $2000, supersedes (5-26-49).

LEWANDOSKI, MARTHA S., Assistant Professor, Hygiene, and Medical Adviser for Women, Health Service, fifteen months beginning June 1, 1949, $5000 a year (5-23-49).

LITTLE, MARGUERITE, Research Assistant, English (Graduate College), nine months beginning September 16, 1949, $3000 (6-17-49).

LLOYD, S. P., Special Research Assistant, Physics (C), three months beginning June 1, 1949, $270 a month, supersedes (6-8-49).

MAHAN, ROBERT D., Special Research Assistant, Civil Engineering (S), three months beginning July 1, 1949, $275 a month (6-8-49).

MCNEIL, E. B., Special Research Assistant, Physics (C), two months beginning June 16, 1949, $270 a month (6-16-49).

MEINHARDT, NORMAN A., Research Assistant, Chemistry (Graduate College), one year beginning July 1, 1949, $3900 (6-9-49).

MOHR, PAUL, Research Assistant, Chemistry (Graduate College), two months beginning July 1, 1949, $500 (6-9-49).

MORTLAND, MAX M., Assistant, Soil Survey Research (Agronomy) (S), three months beginning June 1, 1949, $266.67 a month, supersedes (5-21-49).

NOWLIN, GENE, Research Assistant, Chemistry (Graduate College), one year beginning July 1, 1949, $3900 (6-9-49).

PALEVSKY, HARRY, Special Research Assistant, Physics (C), three months beginning June 1, 1949, $3240 a year, supersedes (6-13-49).

PESKIN, BERNARD A., Assistant, Mechanical Engineering (C), nine months beginning September 16, 1949, $3000 (5-28-49).

POTTER, JAMES H., Professor, Mechanical Engineering (C), two months beginning July 1, 1949, $688.89 a month (6-14-49).

POTTER, JAMES H., Professor, Mechanical Engineering (C), indefinite tenure beginning September 1, 1949, to render service during two semesters of each academic year, $6200 a year (5-23-49).

POWER, RUTH T., Chemistry Librarian, rank of Instructor, Library, one year beginning September 1, 1949, $4000 (5-21-49).

PRICE, G. A., Special Research Assistant, Physics (C), two months beginning June 1, 1949, $3240 a year, supersedes (6-13-49).

QUASTLER, HENRY, Research Associate Professor, Radiobiology (Physics, Zoology, and Physiology) (Graduate College), indefinite tenure beginning July 1, 1949, $7500 a year, supersedes (5-23-49).

RANDS, ROBERT D., Research Assistant, Chemistry (Graduate College), seven months beginning July 1, 1949, $1400 (6-9-49).

RAUSCH, DOROTHY, Clinical Instructor, Nursing (Pediatrics) (Nursing), three months beginning June 1, 1949, $277 a month; also to be furnished one meal daily while on duty valued at $8 a month, supersedes (5-21-49).

RAY, BURTON W., Assistant, Soil Survey Research (Agronomy) (S), three months beginning June 1, 1949, $283.34 a month, supersedes (5-21-49).

ROCKWOOD, RUTH H., Administrative Assistant and Instructor, Library Science, June 6, 1949-August 31, 1950, $3400 a year (6-9-49).

ROWLAND, R. E., Special Research Assistant, Physics (C), two months beginning June 16, 1949, $3240 a year (6-13-49).

RUST, RICHARD H., Assistant, Soil Survey Research (Agronomy) (S), three months beginning June 1, 1949, $266.67 a month, supersedes (5-21-49).

SAUNDERS, DAVID R., Research Assistant, Psychology (Graduate College), two months beginning July 1, 1949, $250 a month (6-17-49).

SCHIFF, DANIEL, Special Research Assistant, Physics (C), three months beginning June 16, 1949, $270 a month (6-16-49).

SCHILLING, WILLIAM M., Research Assistant, Chemistry (Graduate College), eleven months beginning August 1, 1949, $325 a month (6-9-49).

SCHOOF, W. W., Special Research Assistant, Physics (C), three months beginning June 16, 1949, $270 a month (6-16-49).

SCOTT, M. B., Special Research Assistant, Physics (C), three months beginning June 16, 1949, $270 a month (6-8-49).

SEWELL, DORIS C., Head Resident, New Residence Hall, ten months beginning September 1, 1949, $270 a month; also to be furnished housing valued at $100 and three meals daily, valued at $168 (6-17-49).

SHAPIN, THEODORE, JR., Research Assistant, Electronic Digital Computer (Graduate College), one year beginning June 16, 1949, $3360 (6-8-49).

SHAPIRO, MAURICE D., Research Assistant, Electronic Digital Computer (Graduate College), one year beginning July 1, 1949, $3120 (6-9-49).

SHIMEK, JOHN L., Editor, rank of Instructor, Business Management Service, June 15, 1949-August 31, 1950, $4000 a year (6-16-49).

SHORE, F. J., Special Research Assistant, Physics (C), three months beginning June 16, 1949, $3240 a year (6-13-49).

SLEPYAN, ALBERT H., Clinical Associate, Dermatology (Medicine), five months beginning April 1, 1949, without salary, supersedes (5-21-49).

SONNENSCHEIN, RALPH R., Research Assistant, Psychiatry (Medicine), four months beginning May 1, 1949, $333.33 a month (6-8-49).

SPIEGELMAN, SOL, Research Professor, Bacteriology (Graduate College), July 1-August 31, 1949, $1657; indefinite tenure beginning September 1, 1949, to render service during two semesters of each academic year, $7500 a year (5-23-49).

STENN, FREDERICK, Lecturer, History of Medicine (Medicine), March 28-August 31, 1949, without salary (5-21-49).

STEPHENSON, L. P., Special Research Assistant, Physics (Graduate College), two months beginning July 1, 1949, $270 a month (6-17-49).

STEPNER, BACIA R., Instructor, Art, academic year beginning September 1, 1949, $3000 (6-17-49).

TAYLOR, CHARLES B., Assistant Professor, Pathology (Rush) (Medicine) (5/6), one year beginning September 1, 1949, $5000 (4-22-49).

TAYLOR, DONALD E., Special Research Assistant, Mechanical Engineering (S), three months beginning June 1, 1949, $250 a month (6-16-49).

TONG, KIN NEE, Instructor, Theoretical and Applied Mechanics (C) (½), academic year beginning September 1, 1949, $1800 (5-26-49).

TOPPING, ALANSON D., Instructor, Theoretical and Applied Mechanics (C) (½), academic year beginning September 1, 1949, $1900 (6-17-49).

VANHORN, JOHN R., Special Research Assistant, Physics (C), two months beginning July 1, 1949, $270 a month (6-17-49).

VAN SLYKE, JAMES K., Instructor, Rural Sociology Extension, Agricultural Economics (E), fifteen months beginning June 1, 1949, $4000 a year (6-9-49).

VUKASIN, PETER N., Assistant Professor, Economics, academic year beginning September 1, 1949, $4500 (5-28-49).

WEGSTEIN, J. H., Special Research Assistant, Physics (Graduate College), two months beginning July 1, 1949, $270 a month (6-17-49).

WEIMER, RUTH H., Assistant Head Resident, New Residence Hall, ten months beginning September 1, 1949, $2400; also to be furnished three meals daily, valued at $168 (5-26-49).

WEISE, ERWIN K. E., Assistant Professor, Electrical Engineering (C), March 16-August 31, 1949, without salary (6-1-49).

WOOD, VIVIAN M., Temporary Head Resident, Busey Hall, June 12-August 11, 1949, $360; also to be furnished housing valued at $10 per month, and board valued at $21 per month (6-26-49).

YOUNG, PAUL, Professor, Music, indefinite tenure beginning September 1, 1949, to render service during two semesters of each academic year, $7000 a year (5-17-49).

GRADUATE FELLOWS

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

ABBOTT, JOHN C., Fellow, Agricultural Economics, nine months beginning September 16, 1949, $850 (5-20-49).

AYOUB, RAYMOND G., Fellow, Mathematics, nine months beginning September 16, 1949, $850 (5-20-49).

BOREN, HENRY C., Fellow, History, nine months beginning September 16, 1949, $700 (5-20-49).

BROOKSHIER, WILLIAM K., Galvin Fellow, Electrical Engineering, nine months beginning September 16, 1949, $750 (5-20-49).

BROWN, FLOYD W., Fellow, Business Organization and Operation, nine months beginning September 16, 1949, $700 (5-20-49).

CELMER, WALTER D., Upjohn Company Fellow, Chemistry, one year beginning September 1, 1949, $1500 (5-20-49).

COLVIN, DORIS M., Zeta Phi Eta Fellow, Speech, nine months beginning September 16, 1949, $700 (5-20-49).

DEWALT, HARRY A., JR., E. I. du Pont de Nemours and Company Fellow, Chemistry, nine months beginning September 16, 1949, $1200 (5-27-49).

EGGENBERGER, WALTER, Booth Fellow, Horticulture, nine months beginning September 16, 1949, $1500 (5-20-49).

EILAR, KENDRICK R., American Cyanamid Company Postdoctoral Fellow, Chemistry, one year beginning September 1, 1949, $3000 (6-2-49).

FITZPATRICK, WILLIAM D., Edward Orton, Jr., Ceramic Foundation Fellow, Ceramic Engineering, nine months beginning September 16, 1949, $1000 (6-20-49).

GOODE, WILLIAM E., Eli Lilly and Company Fellow, Chemistry, nine months beginning September 16, 1949, $1000 (5-27-49).

GREENWELL, BENJAMIN E., Upjohn Company Fellow, Chemistry, one year beginning September 1, 1949, $1500 (5-20-49).

HEARN, WALTER R., Upjohn Company Fellow, Chemistry, one year beginning September 1, 1949, $1500 (5-20-49).

HEIDENREICH, CLARENCE R., Fellow, Medicine, one year beginning July 1, 1949, $1800 (6-20-49).

HELPER, MALCOLM M., Fellow, Psychology, nine months beginning September 16, 1949, $700 (5-20-49).

KLEBAN, WARREN G., Fellow, Mechanical Engineering, September 16, 1949-January 31, 1950, $350 (5-20-49).

KOHN, PAUL, Upjohn Company Fellow, Chemistry, one year beginning September 1, 1949, $1500 (5-20-49).

LANGLOIS, KENNETH JOHN, Research Fellow, Clinical Science (Medicine), March 15-June 30, 1949, without salary (5-21-49).

LIFE, JOHN R., Fellow, Physical Education, nine months beginning September 16, 1949, $700 (5-20-49).

MANGE, FRANKLIN E., Henry J. Strong Fellow, Chemistry, nine months beginning September 16, 1949, $850 (5-20-49).

MATTES, DOROTHY J., Florence L. White Fellow, Economics, nine months beginning September 16, 1949, $700 (5-20-49).
MILLER, RICHARD P., Upjohn Company Fellow, Chemistry, one year beginning September 1, 1949, $1500 (5-20-49).
MURRAY, HAYDN HERBERT, Illinois Clay Products Company Fellow, Geology, nine months beginning September 16, 1949, $1500 (6-6-49).
PETERSON, BETTY M., Fellow, English, nine months beginning September 16, 1949, $700 (5-20-49).
PIKRAMENOU, MARIKA, Special Research Fellow, Chemistry, nine months beginning September 16, 1949, $1750 (5-23-49).
REANEY, JAMES C., Fellow, English, nine months beginning September 16, 1949, $850 (5-20-49).
REYNOLDS, JAMES A., Fellow, Journalism, nine months beginning September 16, 1949, $700 (5-20-49).
SCHNEIDER, HORST G., Upjohn Company Fellow, Chemistry, one year beginning September 1, 1949, $1500 (5-20-49).
SCHUTZ, FREDERICK W., JR., Fellow, Civil Engineering, nine months beginning September 16, 1949, $700 (5-20-49).
SELLEG, DONNA J., Zeta Phi Eta Fellow, Speech, nine months beginning September 16, 1949, $700 (5-20-49).
SHELTON, JOHN W., Fellow, Geology, nine months beginning September 16, 1949, $700 (5-20-49).
SLEZAK, GEORGE CHARLES, Research Fellow, Clinical Science (Medicine), March 15-June 30, 1949, without salary (5-21-49).
TASSLER, MILFORD C., Standard Oil Company of Indiana Fellow, Chemical Engineering, nine months beginning September 16, 1949, $1200 (6-1-49).
WILSON, ANNETTE L., Fellow, Institute of Labor and Industrial Relations, nine months beginning September 16, 1949, $700 (5-20-49).

ALLERTON SCHOLARSHIPS

(The following award of scholarships was made by the President of the University on May 17, 1949.)

RAYMOND CHARLES OVRESAT and LYMAN RAY TROXELL, JR., Allerton American Traveling Scholarships in Architecture.

RESIGNATIONS, DECLINATIONS, AND TERMINATIONS

CANEPA, JUAN F., A. E. Staley Manufacturing Company Research Fellow, Clinical Science (Medicine) — resignation effective 3-1-49.
CLARY, CORNELIA, Nursery School (Division of Special Services for War Veterans), Summer Session, 1949 — declination effective 6-17-49.
CONNERY, ROBERT H., Professor, Political Science — resignation effective 9-1-49.
COVINGTON, MRS. JEANNE, Housemother (Undergraduate Division in Galesburg) — resignation effective 7-15-49.
CRANDALL, P. H., Fellow, Surgery (Medicine) — resignation effective 6-7-49.
CULLISON, C. W., Instructor, Pathology (Medicine) — resignation effective 6-1-49.
DAVIS, W. T., Business Law, Summer Session, 1949 — declination effective 6-17-49.
DOWELL, DOROTHY, Instructor, Labor and Industrial Relations and Extension (Institute of Labor and Industrial Relations, and in the Division of University Extension) — resignation effective 6-23-49.
EHRHARDT, DOROTHY JEAN, Zeta Phi Eta Fellow, Speech — resignation effective 9-16-49.
EVANS, KARL H., Instructor, Civil Engineering (C) — declination effective 9-1-49.
GIANASI, CHARLES A., Assistant Physician, Health Service (Chicago Professional Colleges) — resignation effective 7-1-49.
GOOD, DALE E., Research Assistant, Institute of Labor and Industrial Relations — resignation effective 6-1-49.
GRIMSHAW, AUSTIN, Management, Business Organization and Operation, Summer Session, 1949 — declination effective 6-17-49.
HAHN, ANDREW LOUIS, Assistant Professor, Hygiene, Medical Adviser for Men — resignation effective 7-31-49.
HANLEY, BERNARD CAHILL, Special Research Associate, Theoretical and Applied Mechanics (S) — resignation effective 7-16-49.

HUGHES, RICHARD E., Flight Instructor, Institute of Aviation — resignation effective 6-15-49.
KLINE, MARLYS I., Assistant Teacher, Nursery School (Division of Special Services for War Veterans) — resignation effective 8-13-49.
KNIGHT, J. D., Special Research Associate, Physics (S) — resignation effective close of business 6-21-49.
KOGEN, EARL R., Head Resident (Undergraduate Division in Galesburg) — resignation effective 7-1-49.
LIFE, JOHN R., Fellow, Physical Education — declination effective 9-16-49.
MAGUIRE, J. T., English, Summer Session, 1949 — declination effective 6-17-49.
MATTES, DOROTHY J., Florence L. White Fellow, Economics — declination effective 9-16-49.
MURRELL, T. A., Electrical Engineering, Summer Session, 1949 — declination effective 6-17-49.
NEWKIRK, TERRY FRANKLIN, Special Research Associate, Ceramic Engineering (S) — resignation effective 6-9-49.
OSINSKI, MRS. CAROLYN B., Assistant, Veterinary Pathology and Hygiene (Veterinary Medicine) — resignation effective 7-15-49.
PALMER, C. E., Architecture, Summer Session, 1949 — declination effective 6-17-49.
PARK, ALVIN L., Research Assistant, Institute of Labor and Industrial Relations — resignation effective 7-20-49.
PATTERSON, BETTE J., Assistant Reference-Circulation Librarian, rank of Instructor, Library (Undergraduate Division in Galesburg) — resignation effective 7-11-49.
PEARSON, J. E., General Engineering Drawing, Summer Session, 1949 — declination effective 6-17-49.
REANEY, JAMES C., Fellow, English — declination effective 9-16-49.
REYNOLDS, JAMES A., Fellow, Journalism — declination effective 9-16-49.
RIPPER, MRS. KATHLEEN POST, Instructor, Art — resignation effective 9-1-49.
ROOS, F. J., JR., Art, Summer Session, 1949 — declination effective 6-17-49.
SAMUEL, A. L., Electrical Engineering, Summer Session, 1949 — declination effective 6-17-49.
SCHAFFNER, JOHANNES SAMUEL, Special Research Associate, Electrical Engineering (S) — termination effective 6-6-49.
SEIDLER, BURTON M., Manager, Temporary Housing (Undergraduate Division in Galesburg) — resignation effective 7-6-49.
SHARPE, J. T., Mechanical Engineering, Summer Session, 1949 — declination effective 6-17-49.
SONNENSCHEIN, RALPH R., Smith, Kline & French Research Fellow, Clinical Science (Medicine) — resignation effective 5-1-49.
STUBBLEFIELD, LOUISE M., Reference-Circulation Librarian, rank of Instructor, Library (Undergraduate Division in Galesburg) — resignation effective 7-6-49.
SUNYAR, A. W., Special Research Associate, Physics (C) — resignation effective 6-20-49.
SUTTON, MRS. NANCY B., Administrative Assistant, and Instructor, Library Science — resignation effective 5-7-49.
TAYLOR, C. E., Theoretical and Applied Mechanics, Summer Session, 1949 — declination effective 6-17-49.
VON KHRUM, PAUL, Acquisition Librarian, rank of Instructor (Undergraduate Division in Chicago) — resignation effective 9-1-49.
WEBERLING, MRS. JEANNE B., Research Assistant, Division of Courses and Curricula (Provost's Office) — resignation effective 6-24-49.
WHAM, MRS. DOROTHY S., Clinical Counselor, Student Counseling Bureau — resignation effective 7-1-49.
WOODSON, HAROLD W., Research Fellow, Biological Chemistry (Medicine) — resignation effective 2-15-49.
WUELLNER, GEORGE E., Instructor, Art — resignation effective 9-1-49.
YALE, MRS. HELEN W., Research Assistant, Animal Science (S) — resignation effective 5-31-49.

RETIREMENTS

BOND, ETHEL, Associate Professor, Library Science — retirement effective 9-1-49.

DEGREES CONFERRED

Degrees in the Graduate College, conferred at Urbana:		
Doctor of Philosophy	74	
Architectural Engineer	1	
Ceramic Engineer	1	
Civil Engineer	3	
Engineer of Mines	1	
Doctor of Education	2	
Master of Education	1	
Master of Social Work	4	
Master of Arts	123	
Master of Science	337	
Master of Fine Arts	2	
Master of Music	4	
Total, Graduate College	553	
Degrees in Law, conferred at Urbana:		
Bachelor of Science	18	
Bachelor of Laws	40	
Doctor of Law	4	
Total, Law	62	
Baccalaureate Degrees, conferred at Urbana:		
Bachelor of Science, Library School	1	
Bachelor of Science, College of Agriculture	202	
Bachelor of Science, College of Engineering	499	
Bachelor of Arts, College of Liberal Arts and Sciences	321	
Bachelor of Science, College of Liberal Arts and Sciences	314	
Bachelor of Science, College of Education	122	
Bachelor of Science, College of Commerce and Business Administration	346	
Bachelor of Science, School of Journalism	127	
Bachelor of Science, College of Fine and Applied Arts	101	
Bachelor of Fine Arts, College of Fine and Applied Arts	55	
Bachelor of Music, College of Fine and Applied Arts	11	
Bachelor of Science, School of Physical Education	73	
Bachelor of Science, Division of Special Services for War Veterans	356	
Total, Baccalaureate Degrees	2,528	
Total, Degrees Conferred at Urbana		3,143
Degrees in Dentistry, conferred in Chicago:		
Bachelor of Science in Dentistry	4	
Doctor of Dental Surgery	23	
Total, Dentistry	27	
Degrees in Medicine, conferred in Chicago:		
Bachelor of Science in Medical Technology	1	
Bachelor of Science in Medicine	40	
Bachelor of Science in Occupational Therapy	10	
Doctor of Medicine	158	
Total, Medicine	209	
Degrees in Pharmacy, conferred in Chicago:		
Bachelor of Science in Pharmacy	86	
Degrees in the Graduate College, conferred in Chicago:		
Doctor of Philosophy	5	
Master of Science	67	
Total, Graduate College	72	
Total, Degrees Conferred in Chicago		394
Total, Urbana and Chicago		3,537

Degrees Conferred June 12, 1949, at Urbana

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Agronomy

ABDUL ALIM, B.S., Dacca University, 1938; M.S., Calcutta University, 1943
HOTCHAND CHELLARAM MIRCHANDANI, B.Ag., University of Bombay, 1934

In Animal Science

ALVIN LUDWIG NEUMANN, B.S., M.S., Oklahoma Agricultural and Mechanical College, 1938, 1939

In Bacteriology

JOSEPH FRANK PAGANO, B.S., M.S., 1942, 1947
THOMAS GRENVILLE PRIDHAM, B.S., M.S., 1943, 1946

In Botany

GLEN SPELMAN WINTERRINGER, A.B., Illinois College, 1929; A.M., 1930

In Ceramic Engineering

ANDREW TUNG-SHENG YEN, B.S., M.S., Yenching University, 1939, 1941

In Ceramics

WILLIAM ARTHUR GRAFF, B.S., M.S., 1946, 1947

In Chemical Engineering

JOHN MILTON LENOIR, B.S., 1942; M.S., State University of Iowa, 1947
NORWIN CALEY PIERCE, B.S., M.S., 1942, 1947
DONALD JAMES TREVOY, B.E., M.E., University of Saskatchewan, 1944, 1946

In Chemistry

PAUL HARWOOD ALDRICH, A.B., University of Minnesota, 1942
BERNARD RICHARD BLUESTEIN, B.S., University of Pennsylvania, 1946; M.S., 1947
JOHN CALVIN BRANTLEY, A.B., Northeast Missouri State Teachers College, 1942
JEROME ENGEL BROWN, B.S., West Virginia Wesleyan College, 1944
ALVIN JEROME COHEN, B.S., University of Florida, 1940
CHARLES JARCHOW DELBECQ, B.E., University of Toledo, 1943
EDWIN HAROLD FLYNN, B.S., University of Nebraska, 1941
RUSSELL GILKEY, B.S., University of Kentucky, 1943
GORDON OWEN GUERRANT, A.B., Westminster College, 1944
HENRY KINGSTON HALL, JR., B.S., Polytechnic Institute of Brooklyn, 1944; M.S., Pennsylvania State College, 1946
JOHN ROBERT HUIZENGA, A.B., Calvin College, 1944
JESSE CHIA-HSI HWA, B.S., St. John's University, 1945; M.S., 1947
HAROLD LEONARD JACKSON, A.B., University of Wichita, 1946
JOHN HARPSTER JOHNSON, B.S., University of Toledo, 1942
VIRON VERNON JONES, B.S., University of Utah, 1940
ORIN CLAWSON KEPLINGER, JR., B.Ed., Southern Illinois University, 1940; M.S., 1948
WILLIAM RICHARD KRIGBAUM, B.S., James Millikin University, 1944; M.S., 1947
WILLIAM HARRIS LIBBY, A.B., Carleton College, 1946
JOHN MIRZA, A.B., DePauw University, 1943
ERWIN WARD NOMMENSEN, B.S., M.S., 1943, 1947
CHARLES LAVERNE PAINTER, A.B., Fort Hays Kansas State College, 1941
JOHN WILLIAM ROTHROCK, B.S., Pennsylvania State College, 1941
ELIZABETH HENG-HUI SHEN, B.S., St. John's University, 1945; M.S., 1947
CARLYLE EDWARD SHOEMAKER, B.Ch.E., Ohio State University, 1943; M.S., 1946
SISTER MARY MARTINETTE HAGAN, A.B., Clarke College, 1933

ROGER JAMES TULL, B.S., Michigan State College, 1944
ELIZABETH JOYCE UNDERHILL, A.B., University of Toronto, 1946
BENJAMIN WEISS, B.S., State University of Iowa, 1944
FRANK XAVIER WERBER, B.S., Queens College, 1944; M.S., 1947
WILLIAM COOPER WILDMAN, A.B., DePauw University, 1943; M.S., 1947
GARRARD ERNEST ALFRED WYLD, A.B., Reed College, 1941; M.S., State University of Iowa, 1942
CHARLES LEON ZIRKLE, B.S., Indiana University, 1942

In Civil Engineering

WALTER JAMES AUSTIN, B.S., Rice Institute, 1941; M.S., 1946
MENG-TE CHANG, B.S., National Chiao Tung University, 1938
CHI-YU TENG, B.S., National Central University, 1942; M.S., 1946

In Education

ROY GLADSTONE, B.S., M.S., 1942, 1947

In English

WILLIAM EARL BUCKLER, A.B., A.M., University of Kentucky, 1944, 1946
GORDON WILSON CLARKE, A.B., M.S., 1943, 1947
RALPH WATERBURY CONDEE, A.B., 1937; A.M., University of Chicago, 1939

In Entomology

JAMES WILBUR APPLE, B.S., Ohio State University, 1937; M.S., Iowa State College, 1940
WILLIS EVERETT SNOW, A.B., M.S., 1942, 1944

In French

GEORGE LOUIS PLAYE, A.B., A.M., Brown University, 1939, 1940

In Geology

ROBERT VERNON KESLING, A.B., DePauw University, 1939; M.S., 1941

In History

JOHN PHILIP AGNEW, A.B., A.M., 1942, 1947
KATHLEEN EDITH DUNLOP, A.B., A.M., 1944, 1946
LAVERN MARSHALL HAMAND, B.S., Illinois Wesleyan University, 1940; M.S., 1947
PAUL GAYLORD HUBBARD, JR., A.B., Wabash College, 1943; A.M., 1945
MURIEL CLEVERLY KENISTON, A.B., University of Maine, 1942; A.M., 1947
RALPH JOSEPH ROSKE, A.B., DePaul University, 1943; A.M., 1947
RICHARD EUGENE SULLIVAN, A.B., University of Nebraska, 1942; A.M., 1947

In Horticulture

VICTOR JAY MILLER, B.S., M.S., 1942, 1947
OSCAR EDMUND SCHUBERT, B.S., West Virginia University, 1942; M.S., 1947

In Mathematics

LOIS AILEEN HOSTINSKY, B.S., Kansas State College, 1943; A.M., 1943
ANNETTE SINCLAIR, B.S., Central Missouri State Teachers College, 1940; A.M., 1945

In Physics

SIDNEY DAVID DRELL, A.B., Princeton University, 1946; A.M., 1947
ERWIN LOUIS HAHN, B.S., Juniata College, 1943; A.M., 1947
ROBERT KATZ, A.B., Brooklyn College, 1937; A.M., Columbia University, 1938
HOWARD ALLEN LEITER, A.B., Miami University, 1940; A.M., 1942

In Political Science

FRANK GRACE, A.B., Vanderbilt University, 1939; A.M., Louisiana State University, 1940

In Psychology

CECIL AUSTIN GIBB, A.B., B.Ec., A.M., University of Sidney, 1935, 1939, 1940
HENRIETTA VER MEER WILLIAMS, A.B., State University of Iowa, 1944; A.M., 1946

In Theoretical and Applied Mechanics

MYRON LEE GOSSARD, B.S., M.S., 1937, 1939

In Veterinary Pathology and Hygiene

THEODORE WIER MILLEN, B.S., Monmouth College, 1930; M.S., D.V.M., Iowa State College, 1939

Professional Degrees

Degree of Architectural Engineer

HOWARD EMERSON PHILLIPS, B.S., 1939

Degree of Ceramic Engineer

WILLIAM WEBER COFFEEN, B.S., M.S., 1935, 1937

Degree of Civil Engineer

I. CHRISTIAN ARNE, B.S., 1936
HENRY JULE TEBOW, B.S., 1930
ALBERT LINNE THOLIN, B.S., 1924

Degree of Engineer of Mines

GEORGE BROMLEY CLARK, B.S., M.S., University of Utah, 1935, 1946

Degree of Doctor of Education

HARRY DONALD LOVELASS, B.Ed., Eastern Illinois State College, 1936; A.M., 1938
EARL GRAHAM POGUE, B.S., Monmouth College, 1932; A.M., University of Minnesota, 1941

Degree of Master of Education

HAROLD JAMES SNIDOW, A.B., A.M., Colorado State College, 1934, 1941

Degree of Master of Social Work

SHIRLEY SMITH CONGER, A.B., 1941
WILTON KEITH DUCKWORTH, B.B.A., Tulane University, 1943
ROWENA HUBBARD, B.S., Washington University, 1943
ARTHUR BARCLAY SWENEY, B.S., 1947

Degree of Master of Arts

In Architecture

JACK SHERMAN BAKER, B.S., 1942
TURHAN YUSUF OKEREN, Graduate, Academy of Fine Arts, 1946

In Chemistry

HENRY CHARLES GELLER, A.B., Rice Institute, 1948

In Classics

MARIA JOHN COSMAS NICHOLS, Ph.B., University of Chicago, 1946; A.B., 1947

In Economics

ESTHER VIRGINIA DUVALL, A.B., 1948
YAN-CHING KAO, A.B., Kung Shang University, 1946
MARVIN KOGAN, A.B., 1948

In Education

MARY SCHNEIDER BAUMGARDNER, B.Ed., Illinois State Normal University, 1942
JOHN BUCHANAN BINGAMAN, B.Ed., Eastern Illinois State College, 1943
JOHN JAMES BLINDT, A.B., Gallaudet College, 1940

LENORA BYOUS, A.B., Stowe Teachers College, 1945
MARY ELEANOR CARMODY, A.B., University of Chicago, 1945
HARRY JOSEPH DEARWORTH, A.B., 1938
LLOYDE DOUGLAS DEES, A.B., Illinois Wesleyan University, 1941
FRED WILLIAM EWALD, A.B., Carthage College, 1927
DEAN ARTHUR FLING, B.Ed., Eastern Illinois State College, 1940
JOHN WILLIAM FUNK, B.S., 1948
MILDRED WILSON GOODNER, A.B., William Penn College, 1937
LILLIAN MAE PARKER GRAGG, B.S., 1948
NORA ZWERIN GRAHAM, B.S., 1947
GEORGE VANCE GUY, A.B., 1948
LARAE BENNETT HAMBENNE, A.B., Ball State Teachers College, 1938
FINLEY HAROLD HOGBIN, A.B., Eureka College, 1923
WILLIAM CORBETT HOWARD, B.Ed., Northern Illinois State Teachers College, 1936
MARY LUCILLE HUTCHISON, B.S., 1942
ELMER EDWARD ICENOGLE, B.S., 1947
SYLVIA ELEANORE KOLPACK, A.B., 1946
CARTER SEVERT KVAVLI, A.B., 1948
VICTORIA LUCILE LARSON, A.B., Lake Forest College, 1946
STEPHEN AUGUST LARUSSA, A.B., Illinois College, 1937
CAROLINE NAOMI LIPPS, B.S., Bradley University, 1944
ELIZABETH JONES MACKEY, A.B., Hillsdale College, 1943
JAMES CHARLES MCMAHON, B.S., 1948
SHIRLEY LOU MERSHON, A.B., Aurora College, 1942
ROBERT MCKEE NELSON, B.S., 1948
WILBUR RICHARD OLDHAM, A.B., Earlham College, 1941
KENNETH PAUL PARKER, B.S., 1943
JOHN WILLIAM PATTON, A.B., 1942
DORIS ALLENE PIERCY, B.S., 1942
MCCLENDA JONES POLLARD, A.B., Shaw University, 1942
LOIS LAVONE ROMIG, B.S., 1942
JEANNE KATHERINE SALZER, A.B., B.S.(L.S.), University of Missouri, 1943
HAROLD LEE SANDERS, B.Ed., Southern Illinois University, 1939
HERSCHEL ADOLPHUS SCHERMERHORN, A.B., A.M., Baylor University, 1937, 1947
ROSANNA SHANKS, A.B., MacMurray College for Women, 1946
DAROLD LEE SHUTT, A.B., 1943
ENOS CLARENDON SMITH, A.B., Illinois College, 1934
LEONARD RICHARD STACHURA, A.B., St. Ambrose College, 1945
MABEL LORAINE STONEY, A.B., Johnson C. Smith University, 1948
ALEXANDER ENDICOTT STRAWN, A.B., Lincoln University, 1948
GLENN EDWARD SUNDERMAN, B.Ed., Eastern Illinois State College, 1939
LOUISE MARIE THOMPSON, B.Ed., Superior State College, 1942
BILLY EARVEY WETZEL, B.S., 1934
MARION LOUIS WILEY, B.Ed., Southern Illinois University, 1938
JANE PATRICIA WILSON, A.B., 1948
EDMUND JOHN ZEHR, A.B., Illinois Wesleyan University, 1943

In English

KENNETH CHISHOLM BENNETT, JR., A.B., University of Wisconsin, 1947
GLORIA LOGAN CAPLE, A.B., LeMoyne College, 1946
ROY ALLEN CHERRY, B.S., Northwestern University, 1948
RUTH CERKEL ESSERMAN, B.S., 1948
LESTER HELLER, A.B., 1947
MARIA ELIZABETH KEEN, A.B., University of Chicago, 1941

In Entomology

JOHN MCMASTER WRIGHT, A.B., University of Utah, 1939

In French

MILDRED CLAIRE SWINT, A.B., San Diego State College, 1938

In German

ROBERT RALPH ANDERSON, A.B., University of Missouri, 1947
BERLE ELAINE GARRETT, A.B., 1948

In History

ROBERT WILLIAM CRYDER, A.B., 1948
JOHN EDGAR KEPHART, A.B., Wheaton College, 1948
MANNIE ASIA LOWERY, JR., A.B., Howard University, 1943
MADALYN OLIVE MAXWELL, B.S., 1947
AMOS CALVIN MILLER, A.B., Oberlin College, 1947
CECIL LEROY MORRIS, A.B., McKendree College, 1941; B.D., Eden Theological Seminary, 1946
ELSIE ELLEN REYNOLDS, A.B., Hofstra College, 1948
LOUIS WALLS SHROYER, III, A.B., Washington and Lee University, 1948
FERN MARIE WATSON, B.Ed., Illinois State Normal University, 1940
SYLVIA CHIA-LUN YIN, A.B., St. John's University, 1944

In Home Economics

OLIVE JORSTAD HOLLIDAY, A.B., Iowa State Teachers College, 1947

In Labor and Industrial Relations

IRVING ISAAK RAINES, A.B., 1942
JAMES WILLIAM SHANKS, A.B., Pennsylvania State College, 1947
JOHN HENRY SMITH, B.S., 1948

In Mathematics

GEORGE HENRY DEMERS, A.B., 1948
WILLIAM ALVIN HOWARD, A.B., University of British Columbia, 1948
THOMAS JAMES MCNAMARA, A.B., Park College, 1947
JEAN ELAINE SAMMET, A.B., Mt. Holyoke College, 1948
JOHN ELDON WHITESITT, A.B., Montana State University, 1943

In Philosophy

HASKELL FAIN, B.S., 1948

In Physics

CHARLES PALMER BEAN, A.B., University of Buffalo, 1947
THOMAS NOLEN MORGAN, A.B., Oberlin College, 1948
LAWRENCE THOMPSON ZIMMER, A.B., Williams College, 1943

In Political Science

TWILEY WENDELL BARKER, JR., A.B., Southern University and Agricultural and Mechanical College, 1948
WILLIAM JOSEPH BLOCK, B.S., Eastern Illinois State College, 1948
CATHERINE SULLIVAN GRIGOROFF, A.B., Southern Illinois University, 1948
WILLIAM CURTIS HISE, A.B., 1948
ALICE FRITSCHLE KENNEDY, A.B., A.M., 1925, 1929
THOMAS GOLMAN ROADY, JR., A.B., J.D., 1940, 1948

In Psychology

BYRON EGBERT FULK, B.S., 1946
LEVARL MERLE GUSTAFSON, A.B., 1947
ALFRED PHILLIP LASKER, A.B., Roosevelt College, 1947
RUSSELL VARNELLE MAY, JR., A.B., 1948
ROBERT JAMES SCHREIBER, A.B., 1948
BABETTE TWAITE, B.S., 1937

In Social Science

THOMAS CARROLL BLOOMER, A.B., 1948
JOHN DAVID DICKMAN, B.S., Illinois State Normal University, 1946
FRED BERNARD JOHNSON, A.B., 1948
WILLIAM CRANDALL THAL, B.S., Valley City State Teachers College, 1947

In Sociology

JACK VINCENT BUERKLE, B.S., 1948
ROBERT HENDERSON SMITH, A.B., Southern University and Agricultural and Mechanical College, 1947

In Spanish

WALTER BORENSTEIN, B.S., 1948
ADELE JACQUELINE KIESELE, A.B., 1947

In Speech

HENRY PAUL CAYWOOD, A.B., Evansville College, 1945
NORMA DEL DIEDRICH, A.B., 1947
JOHAN ROSS DONALD, A.B., 1948
DIETRICH ARNO HILL, B.S., 1948
MARY ELIZABETH HOMRIGHOUS, A.B., 1947
MARY PATRICIA LAUCHNER, A.B., 1948
MARVIN WILLIAM ROBINSON, A.B., 1948

In the Teaching of English

ENID MARTELL OLSON, A.B., Gustavus Adolphus College, 1940

In the Teaching of Latin

MARY SWAN BAKER, A.B., University of Saskatchewan, 1935

In the Teaching of Mathematics

GENEVIEVE ROSE SABATINI, A.B., New York State College, 1946

In the Teaching of the Social Studies

JAMES MARTIN DOERR, A.B., 1948
ROBERT GENE HUGHES, A.B., 1948
JOYCE LANGE MANNING, B.S., 1948

In the Teaching of Spanish

ROSE MARIE MCCORMICK, B.S., 1947

Degree of Master of Science

In Accountancy

RAMZY KHALIL RIZK, A.B. (Soc. Sci.), A.B. (Ed.), American University (Cairo), 1942, 1944

In Agricultural Economics

JOHN ADDINGTON DAWSON, B.S., McGill University, 1947
HARRY OLIVER DOTY, JR., B.S., 1947
GEORGE ERIC LAMMING, B.S., University of London, 1947
THADDEUS JOSEPH OBAL, B.S., 1948
RALPH DONALD TOMPKIN, B.S., Iowa State College, 1947
DONALD BIRTALL WILLIAMS, B.S., Sydney University, 1943; B.Com., Melbourne University, 1947

In Agronomy

ANSON RABB BERTRAND, B.S., Agricultural and Mechanical College of Texas, 1947
FREDERICK WALKER CLINE, B.S., 1948
CHARLES ADDISON GUY DUNCAN, B.S., 1936
ARVIN RUDOLPH HILST, B.S., 1948
WALTER O'DANIEL SCOTT, B.S., Kansas State College of Agriculture and Applied Science, 1939
HOLLIS DELTON STEARNS, B.S., Langston University, 1948

In Animal Nutrition

LUCILE SHANNON DEKKER-VAN GHYL, B.S., Johns Hopkins University, 1937
HOWARD LEROY SCHILT, B.S., 1947

In Animal Science

DAVID FRANKLIN BYRNE, B.S., 1948
JAMES VERNE CRAIG, B.S., 1948
ROBERT EDWIN MEYER, B.S., 1948
MARSHALL ALLEN MOHLER, B.S., Purdue University, 1948
CLINTON REA GWYNNE SMITH, B.S., Northwestern University, 1943

In Architectural Engineering

HERBERT ROGER SHAFFER, B.S., 1947, 1948

In Architecture

GLENN CLARK BARNGROVER, B.S., Kansas State College, 1944
CHI-KWAN CHEN, A.B., National Central University, 1944
DAWSON CHUANG, B.F.A., Hangchow Christian College, 1945; B.Arch., Miami University, 1947
TUN-HOU TSAI, B.S., National Central University, 1946

In Bacteriology

ELIZABETH JEAN BOND, B.S., 1948
MARGARET KRAMER CRAWFORD, B.S., 1948
LORETTA MAE FATLAND, B.S., 1947
JOSYANE GREISCH, Diploma de Laborantine, University of Geneve, 1947
MARY EVELYN HARRIS, B.S., University of Oklahoma, 1942
REGINALD KENDALL, B.S., 1948
LAWRENCE KIVIAT, B.S., College of the City of New York, 1948
JUNE BERNICE NEUMANN, A.B., 1942
NUTULAPATY UMAMAHESWARA RAO, B.S., Benares Hindu University, 1946
NORMAN GILBERT ROTH, B.S., University of Chicago, 1947

In Biological Science

GILBERT GRAHAM, A.B., New York University, 1948
MERLE JOHN WURTH, B.S., Illinois State Normal University, 1948

In Botany

RICHARD KEITH BENJAMIN, B.S., 1947

In Ceramic Engineering

JAMES HUESTON HEALY, B.S., 1944
LOUIS RALPH MCCREIGHT, B.S., 1946
HAROLD GENE SOWMAN, B.S., 1948

In Ceramics

VED PRAKASH MAHESHWARY, A.B., Hindu Sabha College, 1943; B.S., College of Technology, 1946

In Chemical Engineering

ROGER EARL ECKERT, B.S., Princeton University, 1948

In Chemistry

EUGENE P. BERTIN, JR., B.S., 1948
HARRIETT VIRGINIA BERTOGLIO, A.B., MacMurray College for Women, 1948
RICHARD LEE DALTON, A.B., Central College, 1948
ROBERT LINCOLN FOSTER, B.S., Monmouth College, 1948
ANDREW JULIAN FRANK, B.S., 1948
HENRY ZUCKERT FRIEDLANDER, A.B., Oberlin College, 1948
JOSEPH ALLEN FULLER, JR., B.S., University of Wichita, 1948
JACK MEALEY GILLETTE, B.S., Bradley University, 1947
CHARLES FRANCIS GILMAN, A.B., George Washington University, 1948
DONALD PAUL HALLADA, B.S., University of Wisconsin, 1948
RICHARD JASON HELLMANN, B.S., University of Wisconsin, 1948

WILLIAM LEE JOLLY, B.S., 1948
SEEMON HAYDEN PINES, B.S., Lehigh University, 1948
ROGER WILLIAM ROESKE, A.B., University of Wisconsin, 1948
HORST GERHARD SCHNEIDER, B.S., Marquette University, 1946
ROBERT CLAIR SENTZ, B.S., Bucknell College, 1948
GEORGE PHILLIP SPERANZA, B.S., Southern Methodist University, 1948
JANE ELIZABETH TWIST, A.B., University of Wisconsin, 1948
KATHARINE ROMMELL WEIDMAN, A.B., Cornell University, 1948
WILLIAM ARTHUR ZIEGLER, A.B., 1948

In City Planning

HOWARD WILLIAM BORCHARDT, B.S., Kansas State College of Agriculture and Applied Science, 1948
YU-LING SHEN, A.B., Hangchow Christian College, 1943; M.S., 1948

In Civil Engineering

JOSEPH HAYNE APPLETON, B.C.E., Alabama Polytechnic Institute, 1947
ERTUGRUL BERKSUN, B.S., Robert College, 1947
MACIT AHMET CAYCI, B.S., Alabama Polytechnic Institute, 1947
TSZE-TE CHEN, B.S., Tung-Chi University, 1941
HERBERT YUAN-SHING CHU, B.S., Ta-Tung University, 1948
ROBERT BRUCE CODLING, B.S., United States Military Academy, 1944
ELLIS DANNER, B.S., 1930
ASHBY TRICE GIBBONS, JR., B.C.E., Georgia School of Technology, 1948
MARVIN LEROY JACOBS, B.S., United States Military Academy, 1940
HENDRYX WOODROW JOHANSEN, B.S., B.C.E., University of Alaska, 1940
LAWRENCE JOHN KLIMA, B.S., United States Military Academy, 1945
CHI-YUAN KU, B.S., Aurora University, 1940
MONOR COLLINS MABRY, B.S., United States Military Academy, 1945
ROBERT DALE MAHAN, B.S., 1947
SAMUEL WILLIAMS PINNELL, B.S., United States Military Academy, 1943
CARLOS ESCALANTE PORTAS, C.E., National University of Mexico, 1942
BILLY CHARLES REED, B.S., 1948
ROGER LEE RUSSELL, JR., B.S., United States Military Academy, 1942
ROY ALEXANDER SANDERS, B.S., United States Military Academy, 1943
JOHN JAMES TKACIK, B.S., United States Military Academy, 1944
MAX CAMPBELL TYLER, B.S., United States Military Academy, 1941
JESS PAUL UNGER, B.S., United States Military Academy, 1941
JAMES TODD WHITE, JR., B.S., United States Military Academy, 1944

In Clinical Psychology

JAMES EDWARD MABRY, B.S., 1947
GEORGE LAFAYETTE WATSON, B.S., 1947

In Dairy Production

SHELDEN FELDMAN, B.S., 1948

In Dairy Technology

VERNON LEE PORTER, B.S., 1940

In Economics

HARVEY CHARLES BUNKE, B.S., 1947
LAWRENCE VINCENT CONWAY, B.S., 1947
THOMAS JOSEPH FITZGERALD, JR., B.B.A., Manhattan College, 1947
ROBERT DOIT FREELAND, A.B., 1948
ARCHIBALD STUART HALL, B.S., 1947
ARTHUR TSUNG-YUAN LOH, A.B., St. John's University, 1945
TSUO CHOW MA, A.B., Kung Shang University, 1946
ROBERT JOSEPH RUNDBACK, A.B., Brooklyn College, 1947
HSIANG-CHIEN TANG, B.Com., Ta-Tung University, 1945

In Education

WILLIAM PETER ADAMS, B.S., 1948
RICHARD CASIMIR AGACINSKI, B.S., Milwaukee State Teachers College, 1947
MILFORD VOIGT ARNDT, B.S., Illinois State Normal University, 1946
CATHERINE IRENE BAUNER, B.S., Western Illinois State College, 1948
ROBERT WILLIAM BOKENKAMP, B.Ed., Eastern Illinois State College, 1943
JOHN DEWEY BOYD, B.S., Alcorn Agricultural and Mechanical College, 1931
RICHARD FULLER BOYLES, B.S., Northern Illinois State Teachers College, 1948
DOROTHY MILLS CHEEK, B.S., Shaw University, 1946
GEORGE DONAVON COIL, B.S., 1947
DELBERT CRUZE COMPTON, B.S., Manchester College, 1939
VAIL RALPH CORDELL, A.B., 1916
VAIL ROBISON CORDELL, JR., A.B., 1941
SEYMOUR CORENSON, B.S., 1948
FERNE CHRISTINE DALE, B.S., 1929
KENNETH DONALD DIEHL, B.S., 1931
HARRY DELMER DONAHEY, B.S., 1948
MARY LUCILLE DOWNEN, B.Ed., Southern Illinois University, 1942
RUBY WILEY DUFFY, A.B., Carthage College, 1925
LEWIN JOSEPH ELLIOTT, B.S., Bradley University, 1937
EFFIE CHANEY ERKMAN, B.S., Southern Illinois University, 1948
ANN KRUSE FINGER, B.S., 1940
GEORGE DAVID FLETCHER, B.S., 1948
MARY JANE GEORGE, B.S., Illinois State Normal University, 1945
PHILIP EDWIN GILL, B.S., 1934
CLARA OLSON GORDY, A.B., 1947
GERALD JOHN HASBARGEN, B.S., 1948
OREN CORNELIUS HAWSE, B.S., 1948
MARGARET MARY HEGGEMEIER, B.S., 1947
SCOTTIE EUGENIA HERNDON, B.S., Louisville Municipal College, 1944
EDWARD LEROY HILL, B.Ed., Northern Illinois State Teachers College, 1939
CLARENCE WILLIAM HORRELL, B.Ed., Southern Illinois University, 1942
WILLIAM HENRY JARVIS, JR., Ch.E., Rensselaer Polytechnic Institute, 1924
ROSEMARY GAGE JERO, B.S., 1946
EUGENE ROBERT KACZMAREK, B.S., 1948
FLOYD OLIN KING, B.S., Illinois State Normal University, 1946
MARILYN CALMES LINK, B.S., New York University, 1946
ROBERT ALEXANDER LYONS, B.Ed., Superior State Teachers College, 1939
BERTHA LENA MALZAHN, B.S., 1941
EDWARD RUSSELL MARSHALL, B.Ed., Northern Illinois State Teachers College, 1938
JOHN WILLIAM MCCORMICK, A.B., William Penn College, 1936
JOSEPH ALBERT MORIN, B.S., North Central College, 1939
MABEL CAMERON MURPHY, B.S., Mississippi Delta State Teachers College, 1939
ORVILLE RAYMOND NETTLESHIP, B.Ed., Illinois State Normal University, 1940
BURL WOOD PANKEY, B.Ed., Eastern Illinois State College, 1941
ALLEN LEE PEEK, B.S., 1947
MILDRED ELIZABETH PERKINS, B.Ed., Northern Illinois State Teachers College, 1937
OTTO JOHN PIHERA, B.S., 1948
TOMI TINSLEY PLUMMER, B.S., Virginia State College, 1941
GRACE ELIZABETH POSTLEWAIT, B.S., Western Illinois State College, 1944
JAMES WALTER RATTEN, B.S., Eureka College, 1932
DAVID MELVIN READ, B.Ed., Illinois State Normal University, 1939
JOHN HENRY ROSS, JR., B.S., Langston University, 1946
ISHMAEL ELMO RUBY, B.S., 1945
JOSEPH BOUCK SENTENEY, B.Ed., Eastern Illinois State College, 1939
ENOLA ENID SHEARER, B.Ed., Illinois State Normal University, 1933
CHARLENE HIGGINSON SHIELDS, B.S., Eastern Illinois State College, 1944
PEARL BARNETT SISK, B.S., 1935
WALTER MONROE SOICE, III, B.S., 1947
MILO BENJAMIN WATSON, B.S., 1941

EUGENE SEIBERT WOOD, B.S., 1947
MARTHA LOU ZEARING, B.S., 1942
JOSEPH WENDELL ZIMMERMAN, B.S., 1948

In Electrical Engineering

ALBERT MARTON BACALAR, B.S., Washington University, 1948
LAWRENCE EDWARD BRENNAN, B.S., 1948
PHILIP MAURICE DADANT, B.S., 1948
MURLIDHAR VINAYAK DESHPANDE, B.E., College of Engineering (Poona), 1937; B.E., University of Bombay, 1937
PAUL RAYMOND EGBERT, B.S., 1936
JOHN URBAN JEFFRIES, B.S., 1945
CHI-LUNG KANG, B.S., Chiao Tung University, 1945; M.S., 1948
CLARENCE KARAN, B.S., 1943
JAMES SANFORD STEPHENSON KERR, B.A.Sc., University of British Columbia, 1948
EDWARD ALFRED KROENCKE, JR., B.E.E., Ohio State University, 1948
ISRAEL ARNOLD LESK, B.S., University of Alberta, 1948
YUEN-TZE LO, B.E., National Southwest Associated University, 1942
CHESTER GODFREY LOB, B.E., Tulane University, 1946
ROBERT MARTIN MATTISON, Graduate, United States Air Force Institute of Technology, 1948
RICHARD CURRY MCADAM, B.S., United States Military Academy, 1943
KENNETH ALLEN MCCOLLOM, B.S., Oklahoma Agricultural and Mechanical College, 1948
RICHARD DAVID MCCORD, B.S., United States Military Academy, 1943
ROBERT MATTHEWS NOONAN, Graduate, United States Air Force Institute of Technology, 1948
LOUIS KALLMAN POLLEN, B.S., 1947
MARTIN JOHN PRUCHA, JR., B.S., 1948
IRVING RESNICK, B.S., Pennsylvania State College, 1947
ROBERT CHARLES SCHNEIDER, B.S., 1948
THEODORE SHAPIN, JR., B.S., Illinois Institute of Technology, 1948
LIONEL SHUB, B.S., Illinois Institute of Technology, 1948
ARTHUR FRANK SPERO, B.S., University of Texas, 1940
ALAN DURYEA SUTHERLAND, B.E.E., Cornell University, 1946
JAMES BUCKLEY TAPP, Graduate, United States Air Force Institute of Technology, 1948
SHIH-PAI TUNG, B.C.E., Hangchow Christian College, 1942; B.E.E., National Southwest Associated University, 1946
LING YUN WEI, B.S., National Northwestern College of Engineering, 1942; M.S., Chiao Tung University, 1946
WALTER WELKOWITZ, B.S., Cooper Union, 1948
HARRY ELLSWORTH WILLIAMS, JR., B.S., 1948
JAMES YETOW WONG, B.S., University of Manitoba, 1948

In Entomology

GLENN EUGENE PRINTY, B.S., 1944
SELWYN S. ROBACK, B.S., Cornell University, 1948
ROBERT HARRY SCHIFFMAN, B.S., 1947

In Geography

LOREN FREEMAN BOATMAN, B.S., Southern Illinois University, 1947

In Geology

EDWARD LAMBLIN DILLON, B.S., 1947
JOHN MELVIN HENTON, JR., B.S., 1948
ERNEST HATHAWAY MULLER, A.B., Wooster College, 1947
WILLIAM ARTHUR OESTERLING, A.B., 1943
ROBERT MONROE STEPHENS, B.S., 1948
WARREN LEROY TAYLOR, B.S., Kansas State College, 1947
WALTER RICHARD ZIEBELL, B.S., 1943

In Home Economics

BERTHA JEAN KINNEAR BERGER, B.S., 1942
MARTHA LOUISE EDWARDS BUERKLE, B.S., Winthrop College, 1944
JEAN ARCHER CRAIG, B.S., 1947
SADIE WHITE TAYLOR, B.S., Guilford College, 1943
HELEN DREW TURNER, B.S., 1932
MARION SKINNER WALKER, B.S., University of Alabama, 1947

In Horticulture

TORU ARISUMI, B.S., University of Hawaii, 1947
HERBERT CARROLL BARRETT, B.S., 1948
MAHMOUD ABDEL RAOUF TAYEL, B.S., Fouad I University, 1938

In Journalism

GEORGE ARTHUR EISENHUTH, B.S., 1948
RONALD RAYMOND FETT, A.B., University of North Dakota, 1948
CHARLES WILLIAM REENE, B.S., 1948
ELMER GRIFFITH SULZER, A.B., DePauw University, 1925
GEORGE FOX THOMA, B.S., 1948
ROBERT BENNING WENTWORTH, B.S., Northeastern University, 1935; Ed.M., Boston University, 1936

In Library Science

HULDA MAE BERG, B.S., Kansas State Teachers College, 1947
CHRISTINE LUCILLE BUDER, A.B., Culver-Stockton College, 1948
KARL OTTO BURG, A.B., Roosevelt College, 1948
MO-LING HWANG CHEN, A.B., Ginling College, 1944
MARGARET SUSAN CRIGHTON, A.B., Southwest Missouri State College, 1931; B.S.(L.S.), Western Reserve University, 1932
DOROTHY KATHLEEN EADS, A.B., 1948
BERNARD IVES GILL, A.B., 1943
JACK HOWARD GOODWIN, A.B., Olivet Nazarene College, 1948
NAOMI RUTH HOLLOWAY, A.B., Municipal University of Wichita, 1945
DOROTHY MARIE HOVDE, A.B., University of Minnesota, 1934; B.Mus., Northwestern University, 1939; B.S.(L.S.), 1944
MARTHA HUPP, B.S., University of Missouri, 1943
ALICE MARIE MARTIN, A.B., Monmouth College, 1931; A.M., 1932
MARIETTA RUTH METCALF, A.B., Indiana University, 1946
CLARA GRACE PRENTICE, A.B., Walla Walla College, 1947
BETTY ERB RICHARDSON, A.B., Butler University, 1947
CARRIE COLEMAN ROBINSON, A.B., Tougaloo College, 1931; B.S.(L.S.), Hampton Institute, 1932
RUTH HUMISTON ROCKWOOD, A.B., Wellesley College, 1927
SUSAN A. SCHULTZ, B.S., 1946
EDNA DONALDSON SHIPLEY, B.Ed., Eastern Illinois State College, 1937
MARGARET JANET TAYLOR, B.S., 1948
MARGUERITE ROBINSON TUPPER, A.B., A.M., 1932, 1942
ROY NELSON VAN NOTE, B.Ed., Eastern Illinois State College, 1939; A.B.(L.S.), University of Michigan, 1946
JOSEPH WILLIAM VIVIANO, Ph.B., Loyola University, 1948
ELIZABETH ANNA WAKENHUT, A.B., University of Kansas, 1947
JANE WHITE, A.B., University of Pittsburgh, 1947

In Management

WILLIAM FRANKLIN DUNN, B.S., 1947
AHMET SECI EDIN, A.B., Robert College, 1947
HOWARD LEROY KING, B.S., 1948
FLOYD MCCALL MAUPIN, B.S., 1948
BURTON CONRAD PERSON, B.S., 1947
WADE PARKE SEWELL, B.S., 1947
ROBERT ANTHONY STALLMANN, B.S., Western Illinois State College, 1948
LUKE JEROME VORTMAN, B.S., 1947

In Marketing

MATTHEW ANTONIO, B.S., 1948
ROBERT SPENCER HANCOCK, B.S., North Central College, 1947
WILLIAM EDWARD KERRIGAN, A.B., Cornell College, 1948
BILL REID MOECKEL, B.S., 1948
JOSEPH WILMER THOMPSON, B.S., 1948

In Mathematics

GEORGE TRUETT CATES, B.S., East Texas State Teachers College, 1947
EDWIN RICHARD DUNKLE, JR., B.S., 1948
JAMES RICHARD GILLAN, B.S., 1948
WILLIAM HOWELL GREGORY, B.S., 1948
GEORGE FREDERICK MAURER, B.S., 1948
ALLEN IVES ORMSBEE, B.S., 1946
PAUL ROBERT PEABODY, B.S., 1948
NATHAN HENRY ROCHMES, A.B., University of Minnesota, 1947
CHARLENE MILDRED SPRANKEL, B.S., Southern Illinois University, 1947
JOHN GEORGE WOZENCRAFT, B.Ed., Eastern Illinois State College, 1942

In Mechanical Engineering

ROBERT EUGENE AHERN, B.S., 1946
HENRY STANLEY BIENIECKI, B.S., 1948
SHIH-NGANG CHIANG, B.S., National Wu-han University, 1944
SAHIR MEHMET ERISPAHA, B.S., 1948
WARREN RUSSELL HEDRICK, B.S., 1948
BRUCE ALLERTON HERTIG, B.S., Columbia University, 1946
TZU-CHUEN HUANG, B.S., National Chiao Tung University, 1946
CLARENCE HARVEY MCCLAY, B.S., 1943
RAYMOND NEIL MCDONALD, B.S., University of Colorado, 1936
GEORGE ALBIN POLK, B.S., 1947
WILLIAM MATTHEW SCHULTZ, B.S., 1946
THEODORE LOUIS TOWNE, B.S., 1948
ANDREW GRANT WILSON, B.E., University of Saskatchewan, 1946
TI YEN, B.S., Chiao-Tung University, 1944

In Metallurgical Engineering

GEORGE MORTON SINCLAIR, B.S., 1948

In Music Education

CHARLES LOUIS BERGLAND, JR., B.S., 1948
ELIZABETH MARIE BOND, B.S., 1948
JANIE ALYCE CRAWFORD CHRIST, B.Mus., Eastman School of Music, 1946
WARREN HENRY SCHUETZ, B.S., 1948
ROBERT MELVIN SIMMERGREN, B.S., 1948

In Physical Education

LAVERGNE ANN BERGMAN, B.S., 1944
JAMES LOWELL BREEN, B.S., Eastern Illinois State College, 1948
CARL EDWARD GRAD, B.S., 1948
EDWARD HARDY, JR., A.B., 1938
LAWRENCE RUSSELL HERKIMER, B.S., Southern Methodist University, 1948
AUDREY EUBANKS LEWIS, B.S., 1944
ERNEST DENZIL MICHAEL, JR., B.S., Purdue University, 1947
EDWARD RICHARD REUTER, B.S., Washington State College, 1948

In Physics

JOHN SANBORN BLAIR, B.S., Yale University, 1943
LIANG CHANG, B.S., National Peking University, 1933
FRASER SCHOLFIELD GRANT, A.B., University of Toronto, 1948
KAZUYUKI HIROSHIGE, B.S., University of Chicago, 1948; Ph.B., Loyola University, 1947

MALVIN HOWARD KALOS, B.S., Queens College, 1948
WALTER YONEO KATO, A.B., Haverford College, 1946
STUART PHINNEY LLOYD, B.S., University of Chicago, 1943
HARRY LUSTIG, B.S., College of the City of New York, 1948
SYDNEY MESHKOV, A.B., University of Pennsylvania, 1947
IRA PULLMAN, B.S., Columbia University, 1941
MERRILL BLOOD SCOTT, B.S., 1946
BENJAMIN SEGALL, B.S., Brooklyn College, 1948
LEE PALMER STEPHENSON, A.B., Fresno State College, 1947

In Physiology

EDWARD ROBERT ARQUILLA, B.S., Northern Illinois State Teachers College, 1947
ALVIN HENRY FREIMAN, A.B., New York University, 1947
ALLYN ELLSWORTH GILBERT, B.S., 1948

In Sanitary Engineering

HUGH HOLMES CONNOLLY, B.S., 1948
CLIFFORD MARION PARRISH, B.S., Texas Technological College, 1941
HJALMAR ST. PIERRE SUNDIN, B.S., Dartmouth College, 1946

In Speech Correction

HAZEL FLORA BOTHWELL, A.B., 1942
THOMAS CHRISTIAN ERIKSEN, B.S., 1948
EILEEN SHEPARD HILL, A.B., 1945
DOROTHY ALLISON HUNTINGTON, A.B., A.M., University of Colorado, 1943, 1944
GRACE HARRIETT SCHMUNK OLSON, A.B., 1946
MARGARET JEANETTE WATKINS, B.S., 1946

In the Teaching of Biological Science and General Science

SHIRLEY GOLDSTEIN BEYM, B.S., 1947
GARWOOD ABBOTT BRAUN, B.S., Eureka College, 1946

In the Teaching of Mathematics

JAMES JOHN HAVEL, B.S., 1948
WILLARD GLADE WARRINGTON, B.Ed., Western Illinois State College, 1941

In Theoretical and Applied Mechanics

ALFRED HARTMANN HAUSRATH, B.S., Iowa State College, 1947
WILLIAM MEREDITH OWEN, B.S., 1943

In Veterinary Pathology and Hygiene

NAMIK MEHMET BUHARALILAR, V.M., University of Ankara, 1941
JAMES EDDY PRIER, D.V.M., Cornell University, 1946
SAMUEL CONRAD SCHMITTLE, D.V.M., Ohio State University, 1947

In Vocational Agriculture

MARION FRANCIS WELLES, B.S., 1946

In Zoology

WILLIAM CLARENCE DOLOWY, B.S., 1948
HERMAN WILLIAM LEWIS, B.S., 1947
SAROSH DINSHAW MISTRY, B.S., M.S., University of Bombay, 1941, 1946
ROBERT WILLIAM REESE, B.S., 1947
BARNET HERMAN WEINSTEIN, B.S., College of the City of New York, 1948

Degree of Master of Fine Arts

In Art Education

CARLETON WILLIAM BRIGGS, B.F.A., 1941

In Art History

JANE FRANCES MCCALL, A.B., Mt. Holyoke College, 1947

Degree of Master of Music

HARRY JUNIOR GILLE, B.Mus., B.S., 1948
DELBERT ARTHUR GORANSON, B.S., 1947
MARY FRANCES JAMES, B.Mus., Oberlin Conservatory of Music, 1947
LUDWIG ERNST ZIRNER, B.Mus., 1946

COLLEGE OF LAW

Degree of Bachelor of Science

In Law

RICHARD LEROY ACKMAN
WALTER EUGENE BILLERMAN
WILLIAM WEBB BLAIR
ARTHUR BRANTMAN
ROBERT LINUS BURNS
LIONEL EARLE CLARK
THOMAS PATRICK FITZMAURICE, JR.
CHARLES IVAN HOPKINS, JR., with Honors
MARY ELIZABETH HULL
KATHLEEN ELIZABETH KELLY
PAUL THOMAS KNOBLOCK
WILLIAM KOKONTIS
ERIC PAGE MCNAIR
EDWARD JOSEPH MURPHY
WILLIAM JAMES NEMANICH
CLARENCE LEE NICHOLS
ARTHUR MATTHEW PADELLA
WILLIAM CHARLES WELCH

Degree of Bachelor of Laws

RICHARD NORMAN BURGESS, A.B., 1946
IRWIN CANTOR
JAMES CLETUS CRAVEN, A.B., 1948
ERIC SULGRAVE DEMAR
MILTON ERNEST ECKER, A.B., 1946
STEVE MITCHELL FORREST, B.S., A.B., Southwestern Missouri State Teachers College, 1945
ARTHUR ROBERT GOTTSCHALK
ROY OSCAR GULLEY, B.S., 1948
DEMETRIOS HASSAKIS, B.B.A., Tulane University, 1946
WILLIAM HENRY HASSE, B.S., 1947
JOHN CHARLES HAYES, A.B., 1943
RAY DAVID HENSON, B.S., 1947
ROBERT ROSS HILL, A.B., 1947
ROBERT SEYMOUR HILL, B.S., 1948
EVERETT GEORGE HOPSON, B.S., 1947
FRED DAVID JASMER, A.B., 1948
JULIAN JOHNSON, B.S., 1943
LOREN JOHN KABBES, B.S., 1947
DOROTHY JEANNE KELLEY, B.S., 1947
JOHN RICHARD KINSINGER, B.S., 1942
BURDETTE FRANK KIRKPATRICK, B.Ed., Western Illinois Teachers College, 1937
JEROME BERNARD KLOSE, B.S., 1947
JAMES RAYMOND KUHN, JR., B.S., 1948
J. C. MITCHELL
ROBERT STONE MONROE, B.S., 1947
ROBERT WARREN MORRISON
ERNEST HOWARD POOL, JR., A.B., 1947

LOUIS GILSTER RATHERT, A.B., 1946
MORRIS RECKTOR
CHARLES FRANK RENZ, B.S., 1943
JOHN ROWLAND SCHNEBLY, A.B., 1947
LOUIS EDWARD SIMHAUSER, B.S., 1942
BILLY JAMES SLATER
ROBERT LEWIS SNOOK, A.B., Western Michigan College of Education, 1945
JOHN ALEXANDER STROM, A.B., 1946
JAMES MORDICA THORP, B.S., 1948
RICHARD THOMAS WHITLEY
HUBERT WARREN WOODRUFF
HARRY ROSS WORKMAN, B.S., 1948
IVAN LEE YONTZ, A.B., Illinois Wesleyan University, 1943

Degree of Doctor of Law

PAUL LOUIS FRETER, B.S., 1947
ROBERT HOLLIS MILLER, B.N.S., B.S., Purdue University, 1946; with Honors
THEODORE ROOSEVELT SCOTT, JR., A.B., 1947
ROBERT SHANKLIN WHAM, A.B., 1947

LIBRARY SCHOOL

Degree of Bachelor of Science

In Library Science

HELEN SARAH SOFFER

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

WILLIAM MORTON ABBOTT
RAYMOND HAROLD ALDERSON
JOHN HORACE ALLAMAN, with Highest Honors
RICHARD FRANCIS ALLEN
JOHN AMMON, JR., with High Honors
EDWARD CAROL ANDERSON
DALE EDMAN BAIRD
EUGENE PAULE BARNS, with Highest Honors
ROBERT CHARLES BAURER
DONALD B. BAXTER
KENNETH LEON BAXTER
THOMAS EDWARD BOSWELL, JR.
RICHARD EUGENE BOWLING
ROBERT ERNEST BRANDES
ANTON ALBERT BRAZES, with Honors
WARREN WAYNE BUNDY
ROLLIN ARTHUR BUSSE
CLIFFORD ROLEN BUTLER, with Honors
DONALD JOSEPH CARREN
JAMES DOMINIC CASTAGNO
RAY ARCHIE CHALLACOMBE
FLOYD FRANKLIN CLARK, JR., with Highest Honors
JOHN ELDON COBB
KENNETH JAMES CONDIT
THOMAS JOSEPH CORCORAN, with Honors
CHARLES LYNN COULTAS, with High Honors
JEWEUS CRAIG
JOSEPH LEE DEGULIE
EDWARD CORNELIOUS DILLEY
WILLARD MILO DILLON, JR.
CARROLL CHRIS DOLL
JESSE MURRY DOWELL, JR., with Highest Honors
JOHN CURT EISENMAYER
RONALD LEROY ELLIOTT, with Highest Honors
JEREMIAH FAIN EPSTEIN
EDWIN WHERRITT FOUTCH
JOHN EDWARD FUCIK, with Honors
WENDELL CHURCHILL FUNK
LOWELL EUGENE GARDNER
PHILIP JAMES GARINGER
HAROLD HARRISON HARDIN, with High Honors
WILLIAM DANFORTH HAVEN, with Honors
HOWARD CLIFFORD HEATON, with Honors
HOWARD RAYMOND HEDTKE
ROBERT JACOB HEMP, with High Honors
WILLIAM HOWARD HENEBERRY, with High Honors

HERSHEL LEON HILL
ROYCE ARMAND HINTON, with Highest Honors
THORSTON HAROLD HOLM, with Honors
SHELDON CARL HOWERTER, with High Honors
WAYNE DEE HOWSER
CHARLES ADRIAN HUGHES, with Honors
LESTER ERNEST JACOBS, with Highest Honors
ALDON HOMAN JENSEN, with Honors
GEORGE DONALD JOHNSON
JOHN LOUIS KAUFMAN
BYRON MAXWELL KELLEY
BERNARD JOHN KIEL
ROBERT LOUIS KIRCHNER
JAMES ELWYN KUNTZ, with Highest Honors
FRANKLIN DALE LAIBLE
JOE PHILIP LANAN
JOHN RICHARD LINSNER, with Honors
WILLIAM STODDARD LIVINGSTON
DONALD RICHARD LONG
JOHN CHARLES LOSHBOUGH
HERBERT WILLIAM LOVEKAMP
JOHN WARNER MANGIS
RICHARD JOHN MARTIN, with High Honors
MARTIN HYLAN MATHESON
ROBERT CECIL MATTHEWS
CHARLES DONOVAN MCCUTCHAN
MERLE MONROE MICENHEIMER
LESLIE WAYNE MILLER
JOHN ROBERT MORRIS
EMIL CHRISTIAN MOSSER, JR.
RALPH EUGENE NEILD, with Honors
RAY GEORGE OLMSTEAD
DONALD BROWNING PHILLIPS
THEODORE PIERCE, JR., with Honors
PAUL MAHLON POWELL
EDGAR GUY PROTTSMAN
BENJAMIN ARTHUR RASMUSEN, with Highest Honors
LOUIS CHRISTIAN REEB, with Honors
RAYMOND NOLTE RENDLEMAN
WARREN THOMAS ROBINSON, with Honors
JAMES ALVIN ROGERS, with Highest Honors
HARRY ARMOUR ROLAND, JR., with Honors
FRANK HENRY ROLF
WILLARD GARDEN ROWLEY, with High Honors
CHARLES WILBUR RUSSELL
PAUL FREDERICK SALZMAN
WAYNE ROY SANDERSON
KEITH FRANCIS SCHERTZ, with Honors
EDWARD FRANKLIN SCHRAMM
DONALD LAVERGNE SHAVER, with Highest Honors
DONALD WILLIAM SHUBERT
DWIGHT LESTER SMITH
JAMES EDWARD STAHL
GEORGE DAVIS STEVENS
GEORGE BEN STUBBLEFIELD
CARL CECIL TIDWELL
GEORGE LEON VAN LANINGHAM
JOSEPH LUDWIG WABRAUSCHEK
HARRY ROBERT WACK
ROBERT KENT WALKER, with Honors
KENNETH RAY WEBB, with Honors
LAWRENCE PHILIP WEBER
ALBERT JOHN WEITEKAMP
DUANE FREITAG WENDEROTH
JAMES RAY WILLIS
CLIFFORD KEITH WILSON
LAWRENCE TATE WITHERSPOON
JAMES HERBERT WOLTER
EDWIN HENRY WRIGHT
CARL ARTHUR ZOGG, with High Honors
ROBERT FRANKLIN ZOOK

In Dairy Technology

HOWARD JOSEPH DAILY
RALPH SHELDON DEDRICK
WILLIAM RAYMOND EYGABROAD, JR.
CHARLES ALFRED GROSCHE
WILLIAM TROIT KIBLER, with Honors
PAUL JOSEPH MCCABE
ROBERT LEWIS NIBLACK
DONALD RICHARD OLSON, with Honors
JOHN SENN SOLDWEDEL, with Honors
HARRY CHARLES WEIST
ORVILLE OWEN WESTLAKE

In Floriculture

ORVILLE WARREN BUSSE, with Honors
MARCUS RILEY COOPER, with Honors
THOMAS PATRICK CUNNINGHAM
KARL DONALD GLADSON
JOYCE KRELL, with Honors
BARBARA JEAN SHADE
GEORGE KENNETH WALKER

In Home Economics

PHYLLIS MARIE AMACHER
MARY LUCILLE BEEDLE, with Honors
SUSAN HALCOTT BRANDES
SONYA KARLEN BRIM
LOIS EILEEN BRUMITT
ELAINE ANN CHUM
MARY CAROLYN COAPSTICK
PATRICIA LOUISE ELLIS
MARILYN LOUISE EWING
LUCILLE CROSS FRENCH
VIRGINIA MAE GITCHOFF, with Highest Honors
PATRICIA ANN GREEN
PHYLLIS LUCILLE GREENBERG

HELEN AUGUSTA HAMMER
PATRICIA ANNE HANFORD
ALICE KATHARINE JACOBSEN, with Honors
BETTY MARIE JOHNSON
META MARIE KELLER
MARY LOUISE LASSWELL
MARY ROSE MCPHERSON, with Highest Honors
BETTY LOU DUNNING MERWIN
BETTY LOU MICKEY
ELEANOR MARGUERITE MILLER
JEAN LOUISE NEESE
MARY LOU PEASLEY
DOROTHY LOUISE PETERSEN
MINERVA JANE ROE
VIRGINIA SHEEMOON
MARJORIE ANN STEWART
ELLEN MARIE STRECKER
JEAN ELIZABETH THOMSON
CHARLOTTE CLAIRE WALLACE
SARAH RITA WELHAM
KATHERINE ELIZABETH WHITE
WILLA IRENE WHITTON
CAROLYN WILDMAN, with Highest Honors

In Home Economics Education

LILA JEANNE ATHEY, with Honors
DORIS LEILE BAITY, with Honors
LOLA MARIE BENWITZ
JESSIE KATHERYNE MCLUCKIE, with High Honors
NORMA LOUISE MILLER
BETTY JEAN REYNOLDS
MARILYN FRANCIS SCHICKEDANZ
LILA LEE SPENCER, with Honors

In Vocational Agriculture

GRANT C. ADAMS, with Honors
MAX LEROY ATKINSON, with Honors
WARREN EDWIN BERNER
JOSEPH FREDRIC DE NARDO
HAROLD BENJAMIN ELLIOTT
JAMES RICHARD HERRMANN
FRANK EDWARD HINTON, with High Honors
DONALD FRANCIS HOLSTON
ROBERT WILLIAM HOWARD
WILBUR THOMAS KELSEY, with High Honors
JAMES NELSON KESSINGER
GEORGE EDWIN LOGAN
ROBERT STANLEY MCGEE
ROBERT FRANKLIN MULCH, with High Honors
JOHN VINCENT MYERS
DOYLE DWIGHT NOBLE
KENNETH WAYNE PANKONIN
JOHN MORGAN SCHETTLER
CLIFFORD JOSEPH SICHTA
KEITH WAYNE VOGEN, with Honors
ROBERT WILLIAM WATERS
MAURICE LEE WATKINS, with Honors
LUCIEN DAVID WISE, with Honors

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

CHARLES HENRY ANDERSON
HARRIS EKSTROM ANDERSON
WILLIAM HERMAN BARTHEL
EDGAR RUDOLPH BOURKE, II
HARRY EDWARD BURKE
LORIN DIXON CORLISS
DALE D. DAVIS, with High Honors
JAMES JOSEPH DONHAM
HENRY JOSEPH HIRTZER
RALPH FRANK KALAL
JOHN BRICE KENNEDY
CHARLES ALBERT LEASE
HOWARD BUFORD LIECHTY
HAROLD HARRY MEYER
JOSEPH WILLIAM MEYER, with Honors
FRANK HUGO MILLER
CARL OSCAR ORKILD
JAMES RICHARD PEARS
JOHN CLYDE PITCAIRN
WILLARD EVERD RIPPER
LEONARD MORTON SALBERG
JOHN JULIEN SCHLOTMAN
JOHN MILTON SENNEFF
SIMON CHARLES SOMMER
WILLIAM RICHARD STEPHENS

In Agricultural Engineering

LAWRENCE A. BITTERMANN, JR.
WARREN SMICK HARRIS
EDWARD HARLAN HUNLEY, JR.
BENJAMIN ANGUS JONES, JR.
THOMAS MCLUCKIE, JR., with Honors
ROBERT GLEN MCMASTER
EARL LORENE MOSS, with Honors
DAN ALLAN PONDER
WALLACE JOHN SCHOENLEBER
RICHARD MERLE SHARP
FRANCIS EDWARD STEPHENS
FINCH STOWELL

In Ceramic Engineering

RICHARD NORMAN AMES
BOB GEORGE BENDER
MARTIN BERG, JR.
CHARLES CAREY CURTIS, JR.
ROBERT STEPHEN DEGENKOLB
ROGER LEE FELLOWS, III
ROBERT DEE FENITY
CHARLES LUTHER FILLMORE
LYNN EDWARD FUSSELL
JOHN EDWARD GRIFFIN, JR.
CHARLES EDWARD JANKE
HERMAN RICHARD KLOCKNER
RALPH GLENN KRAFT, with Honors
CHUN LEE
WESLEY CHASE LUEKING
GERALD LUTZ
DON PARKER MCADOO
DONALD DAVID RASSNER
NORMAN KEITH RUSSELL, with Honors
ALBERT HENRY SISKA
JOHN WALTER THIEMANN
HARLAN PERRY TRIPP, with High Honors
NEIL FREDERIC WALKER

In Civil Engineering

JOSEPH ADAMS, JR.
EDGAR ALLEN ANDERSON
JESSE RALPH ANDERSON, JR.
ROBERT RICHARD BENGEL
ERWIN BESSERER
JOHN HARRISON BIGHAM
ROBERT LOUIS BINDER
JEAN HENRY BLACKWELDER
NILE ROBERT BLOOD, with Honors
EDWARD LEWIS BOLDEN, JR.
FLOYD EUGENE BROWN
RICHARD WELLMAN BROWN, with High Honors
WILLIAM JOHN BROWN, JR.
JAMES FREDERICK CHANDLER, JR., with High Honors
NICHOLAS CIORBA
ROLAND DEAN COLLINS, with High Honors
WILLIAM ORVILLE COX, JR.
MARSHALL NEWTON CRAWFORD
HASAN NEJAT DENIZMAN
THOMAS VERN DILLON
JAMES HENRY DINKHELLER
GERALD LEROY ENGELHART, with High Honors
EMIL ESKENGREN, JR.
CHARLES RICHARD FIENE
RICHARD HAMILTON FOLEY
DONALD RALPH GARDNER
RICHARD ROSS GIFFORD
CHARLES NORMAN GIVENS
DONAL LEWIS GLOVER, with Honors
NELSON GEORGE GORDY
HENRY DAVID HAHN
CARL JOHN HALE
MILFORD VERNON HARRELL
ROBERT FRANKLIN HART
ORRIN ROBIE HAYNES
EDWARD ROBERTSON HEALY
NEAL ELWIN HENNEGAN, with High Honors
WILLIAM LOUIS HEWITT
CARL M. JACOBSEN
EDWIN JOHN JANOWIAK
JOHN BERNARD JUNG
DONALD RICHARD KAHN
DONALD WAYNE KAMINSKI
GEORGE PARKER KEELE, with Honors
WALTER LEE KEVERN, JR.
GEORGE ANTHONY KOUROS
HARLAN GUY KREILING
THEODORE INGVAR LINDSTROM
WALTER DANIEL LINZING
NORBERT CHARLES LONG
JOSEPH GEORGE MARSIK
WILLIAM DENNIS MESSER
VIRGIL JAMES MUSICK
CHARLES ROY NAGEL
GEORGE EDWARD NEHER
LESLIE EDWIN NICHOLS
LEO PAUL NICHOLSON
JOSEPH FRANCIS NUBIE
LAWRENCE JAMES O'TOOLE
EMIN MEHMET OZGOR
JOSEPH HERMAN PANNY
NORMAN ERIC PEARSON
GEORGE ANDREW PECHT
HERMAN GENE PEPER
EDWARD RICHARD PERSHE
DONALD PAUL PROTZMAN, with Honors
OTTO ABBOTT RANDOLPH
MARCUS JAMES RICE
WILLY RIESER, JR.
JAMES ELLIOTT ROANTREE, JR.
JAMES GEORGE ROBERTS
WENDALL LEE ROWE
HAROLD EDGAR RUFFNER
SCHUYLER SIDNEY RUTTMANN
DONALD VICTOR SARTORE
GEORGE GOTTLIEB SCHOENHERR
FRANCIS EDWARD SEXTON
WILLIAM D. SHERERTZ
GEORGE OLIVER SHOEMAKER, JR., with High Honors
PHILIP GANEY SIKES, with Honors
WILLIAM ELMER SNYDER
JOHN LEONARD SPIERS, JR.
WILLIAM ROBERT STAHL
ROLAND BRUCE STANWOOD
HENRY EIICHI SUZUKI
JOHN FRANK TANNER

EDWIN ALAN TRYON
RICHARD ALAN TYSON
ARTHUR WILLIS VAN'T HUL
MAX JAMES WEBERLING, with Honors
ROBERT ALFRED WILLIAMS
CLIFTON EDWARD WOEST, with Honors
RICHARD NORMAN WYATT
SIGMUND CHARLES ZIEJEWSKI

In Electrical Engineering

ALBERT ABE ABRAMS
WILLIAM JAMES AHLSWEDE
JAMES WILLIAM ALLEN
MELVIN ANDREW
GEORGE APOSTLE
CLARENCE LEO ARNOW
PAUL EDWARD BAIRD
SLAWOMIR JOSEPH BARANOWSKI
HUBERT FRANKLIN BARES
RICHARD WRIGHT BARNES
JEROME RAYMOND BATINA
RICHARD BARKER BEAN
ROBERT WALTER BECK
FRANK JOHN BELLINE
WARREN OVID BENJAMIN
ROBERT BERNSTEIN
ROBERT LOUIS BOTTENBERG
WILLIAM HENRY BRIGHAM
NORMAN BRIM
WILLIAM KAJNATH BROOKSHIER, with High Honors
KENNETH ROBERT BRUNN, with High Honors
ROBERT HARVEY BRUNNER, with Honors
ROBERT CLEMENS BULGER
ROBERT DUANE BURNHAM
STANLEY LEE BURNHAM
NEWTON ALLEN CAMPBELL, with Honors
RICHARD ALDEN CAMPBELL, with Honors
ALBERT LEE CARTER
DANIEL THOMAS CARTER
RUSSEL WAYNE CASE
IVAN BERT CLEVENGER, with Honors
HOWARD EMMETT COCHRAN
HENRY ERVING COOLEY, JR., with Honors
DONALD MCCLELLAN COULTER, with Honors
DONALD LYLE COULTRIP
ROBERT PERRY COWSERT
LOISELL DEAN COX
PAUL MORTON DASHER, with Honors
ROBERT EARLE DAWSON
DELMAR FRANKLIN DIEL
HENRY JOSEPH DUBSKY
DUANE SHERBERT DUNLAP
THOMAS LINDY DURGANS
NORMAN J. ELLIOTT, with Honors
MILTON LUTHER EMBREE, with High Honors
ARTHUR JACK ENTIN
EDWARD WILLIS ERNST, with High Honors
MATHEW JAMES FALETTI
JAMES FRANKLIN FARRIS
GEORGE BARCLAY FOSTER
WALTER PATRICK GAFFIGAN
WILLIAM HENRY GARRELS
RAY DORRIS GLASCOCK
JERRY GORDON, with Honors
GEORGE JOSEPH GORE
ALLAN HOWARD GOTT
ROBERT EMMETT GREEN
HOWARD EARL GRIFFITH
DAVID LLOYD GUNN
ARVID FRITJOF HANSON
BERNARD LAWRENCE HANTLE
JOHN WILSON HARRAWOOD
AVERY HERBERT HEVESH, with Honors
AUGUST JAY HOEFLINGER
ROBERT WILLIAM HOLSAPPLE, with Honors
ARYS HENRY HUIZINGA
WARREN THEODORE HUNTER, with High Honors
DONALD ROY HYER
JOHN DAVID JACOBSON
ROBERT PIERSON JAEGER
HENRY ALDEN JAMES
CURTIS M. JANSKY
BARNEY WILSON JEFFERS
MARVIN CLARENCE JOHNSON
RICHARD FREDRIC JOHNSON
WILLIAM DANNER JOHNSON
RALPH EUGENE JOHNSTON, with Honors
TREVOR LESLIE JONES, JR., with Honors
LEONARD MYRON KAMINSKY
WALLACE GORDON KARRAKER
WENDELL JUNIOR KELLEY
ROBERT WILLIAM KILE
BILLY DENTON KIRKWOOD, with Honors
JOHN WILLIAM KISSEL, JR.
BERNARD KRAMER
EDGAR ARTHUR KRITSER
WALTER FREDERICK KRUEGER
STAFFORD WAYNE KULCINSKI, with High Honors
ALEXANDER PETER KUNDROTAS
LEONARD GEORGE LADOF, with Honors
AUGUST LOUIS LASKOWSKI
HOBART VERNON LEE
ALVIN SEYMOUR LEVINE, with Honors
JOSEPH LEVINSON
ARNOLD JULIUS LIBERMAN
JAMES ROGER LINCICOME, with Honors
ALAN LINDAHL
HARRY LUDWIG
WILLIS NATHANIEL MANGOLD
LYLE DAVIS MCCLOSKEY
SAMUEL CLAYTON MCCOLLUM

EDMUND LEONARD MENDALA
JAMES ROBERT MIDDLETON
DON CARLIN MILLER, with High Honors
RICHARD HENRY MILROY
JOSEPH JAMES MISTRETTA
WALTER HENRY MITCHELL
ARTHUR JOHN MUELLER
HARRISON SEGUR MUNRO
ALBERT MYERS
EVANGELOS NECKOPULOS
NYLE WILLIS NORRIS
JAMES RAY OBERHOLTZER
JAMES MANUS O'ROURKE
RALPH LEON PARR, with Honors
GUY DEAN PHILLIPS, with High Honors
JOHN JOSEPH PIERRO, with Honors
JOSEPH GEORGE PLATT
JOHN BRUNO POCIUS
CARL WILMOT RASMUSEN
EARL WARREN RIGGS
GORDON HUGH ROBERTSON
WILLARD ARTHUR SCHAAF
ERNST WILLIAM SCHOENHERR, JR.
ARDATH MAURICE SCHWAB
EVERETT WILLARD SCHWARM
MAURICE DAVID SHAPIRO
LOWELL LEONARD SHEPARD
DAVID BENJAMIN SIMONS
HARRY DEGAN SMITH, JR., with High Honors
JAMES PAUL SMITH
STANLEY FRANCIS SNOW
CHESTER TARCYSIUSZ SOKOLOWSKI
DONALD LOU SPRAGUE
ROBERT WARREN SPRUNGER
JAMES ELLIOT STEPHENS, with High Honors
CHARLES EVERETT TEST
JOHN FRANCIS THOMAS
EDWARD JOSEPH URBANIK
ROBERT FISCHER VANDENBOOM, with High Honors
WILLIS HERMAN VEERMAN
JOSEPH MARTIN VENE, with Honors
ALBERT GODFREY WARD
MARCY LEONARD WASZAK
HUBERT COOKE WATTON
WILLIAM CHARLES ANTHONY WAYNE
RAOUL BLOCH WEIL, with High Honors
LOWELL VICTOR WESTBROOK
WALLACE FARIS WILEY, JR.
MACK ROSS WILLIS
EDWIN ANTHONY WITORT
CHARLES ANDREW WUELLNER, with Honors
WILBER HERMAN ZUEHSOW

In Engineering Physics

HENRY OLIVER BARTON
HOWARD GORDON COOPER, JR.
JAMES GARRY COTTINGHAM
FRANK SHILLING EBY, with Honors
ROBERT MARTIN EISBERG, with High Honors
DAVID SUTPHIN HEESCHEN
JAMES ROBERT HOWARD, with Honors
PAUL CHARLES KALLENBACH
RICHARD EMERY LOVETT
IRVIN ROBERTS MCCLINTOCK
FRANK SCHROEDER, JR., with Honors
DEAN MANLY VANDER STOEP
IRA WEISSMAN
WILLIAM CHARLES WILEY, with High Honors
CHARLES E. YALE, JR.

In General Engineering

DONALD LEROY BENOIST
SYDNEY BOGIN
PAUL ALLISON BOWER
JAMES PATRICK BOYLE
ROBERT HENRY COYLE
ARTHUR HOWARD DIETMEYER
ROBERT GEORGE GROLL
RICHARD MILTON LEEK
RICHARD KELLOGG MORGAN
EDWARD HENRY SHAFER, JR.
GEORGE PETER TAYLOR
LYLE EUGENE THOMPSON
RICHARD JAMES USBORNE
HAROLD JOSEPH WEBER

In Mechanical Engineering

WENDELL WALDEMAR ANDERSON
JAKOB ARONCZYK, with Honors
HOWARD HENRY BAILIE
ROBERT WILLIAM BALES
JACK CLAYTON BASSIE
FREDERICK GEORGE BAULING, with High Honors
RICHARD STEPHEN BERTZ
ARMAND IRWIN BEZARK
HAROLD ISRAEL BLOTNER, with Honors
BRUCE EDWARD BOSWELL
MARTIN JAMES BRENNAN
CURTIS ALLEN BROOK
JAMES CHARLES BROUSEK
JOE BENTON BROWN
RICHARD ROY BROWN, with Honors
JACK BRUIN
HAROLD STILSON BURT
CARL THOMAS BUTLER
CLARK CALDER
MURDOCH WILLIAM CAMPBELL
ROBERT BAKER CARLSON, with High Honors
FRANK ANTON CECHNER

HUBERT RAOUL CORNELL
GERALD TYSON CRAVEY
JOHN CHARLES CURTISS
JOHN ROBERT CUSHMAN
STANLEY DAVID DIAMOND
PHILLIP BROCK DOLL, with High Honors
JAMES HOWARD DOWNEY
ALBERT WILLIAM ECKERT
EUGENE ROSS EGGERS
JOHN CORBLY EVANS
FREDERIC TAYLOR FARISS, with Honors
NORMAN WILLIAM MARTIN FELBINGER
NILES JEROME FISHER
JAMES JOSEPH FISHMAN, with High Honors
JOHN GENE FITCH
JAMES JOSEPH FLOREK
CESARIO TIMBOL FLORO
ALMON JOSEPH FROST
JOHN THOMAS FUNCKES
ROBERT CLEVELAND GARDNER
PHILIP GARMAN
RICHARD GLAVAN
LEWIS WILLIAM GOLDBERG
MARTIN GOLDSTONE
JAMES CHRISTIE GREEN
ROBERT HENRY GUEDET
PAUL FRANCIS HALFPENNY
EDGAR HADFIELD HANNUM
ROBERT WINFIELD HAY
WILLIAM ADAM HENDRICKS
WILLIAM HENRICKS
LEON RONALD HENRY, JR.
JOHN WILLIAM HOLL
ROBERT LAFE HUNTER, with Honors
VERNON ARLO JACKSON
VICTOR GUY JACKSON, with Honors
HOWARD BEVERLY JOHNSON, JR.
ROBERT EDWARD JOHNSON, with Honors
PAUL TOGO JOICHI
ADOLPH PHILLIP KASPROVICH
JOHN LAMARR KLINE
ARTHUR JOHN KOLAR
ERNEST EDWARD KORNYA
JAMES HARMAN KRAMER
NORMAN JAMES KRBEC
JOSEPH THOMAS KUCERA
FRANCIS ROBERT GEORGE LEDING
CHARLES COOK LEHMKUHL
CHARLES AHAB LESSING, with Honors
JOSEPH MICHAEL LEVON
RICHARD ALFRED LINDHOLM
RICHARD LING
KENNETH WILLIAM LITCHFIELD
STANLEY ELMER LOGAN, with High Honors
EDGAR RUSSELL LOWER, JR.
HAROLD CHARLES MALSTROM
JOHN CYRIL MARCINKOSKA
ERNEST REGINALD MAXFIELD
CLARENCE MILTON MCCLYMONDS
JOHN ALEX MCCREERY, JR., with Honors
PAUL WALKER MCCREERY
KENNETH AMENT MCOWAN
DOMINIC MICHAEL MESKEW
DAVID FREDERICKS MEYER
HERBERT MILTON MOBERG
WILBERT HAROLD LLEWELLYN MORGAN
JOHN FRANCIS MULVEY
RAYMOND AUSTIN NEAL
RICHARD CALVIN NEAL
WILLARD EARL NELSON, with Honors
MARTIN EDWARD NUZIK
MARTIN LOUIS PARISOT
ROBERT FRANCIS PARKS
JOHN JAY PARRY, JR., with High Honors
JEAN DUANE PEARSON
CHESTER MAX PETERSON, with Honors
GEORGE ANTHONY PETROS
PETER ERNST PLAUT
JOE JOHN POCZATEK, JR.
ROBERT LEROY PONTIOUS
LEO ROBERT RAISBECK
CLIFFORD WILLIAM RIEBE
HAROLD LEE RODENBUSCH
ROBERT TOWNLEY RUFF
ROBERT FRANCIS RYCHTIK
CURTIS ROBERT SAN GALLI
ERICH WILHELM SCHOEN
ROBERT ARTHUR SCHOPPMAN
RICHARD CARL SCHUBERT
JAMES JOSEPH SCHWETZ
LEROY HARVEY SHANIN, with Honors
JAMES ARTHUR SHAVER
RICHARD ALBERT SIELING
DUKE RICHARD SILVESTRINI
HUBERT LAWRENCE SKONECKE, with High Honors
FLOYD JAMES SMITH, JR.
OBER ALLEN SMITH, with High Honors
OTTO PATRICK STACH
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ROBERT ANTHONY STELLA
LYELL BATTERTON STEVENS
BERNARD GUSTAVE STOHR
LOUIS MARTIN STUEBE
EDWARD HERBERT SWEENEY
DONALD EDWARD TAYLOR, with High Honors
HARLEY LAWRENCE TEEL, with Honors
GEORGE WILLIAM TIMMER
IRVIN FREDRICK TITTSWORTH
HENRY CHARLES TONIGAN
WILLIAM JOHN TRADER
VINCENT FRANCIS TRAINOR
JAMES RICHARD TUCKER
RENSO JOHN VANNELLI, with Honors
ROBERT LOUIS VREE
IRA HAROLD WAHLBECK
DONALD WILLIAM WANDERER, with Honors

IRVING WARSO
JOHN WESLEY WEAVER
HENRY RICHARD WEGEHOFT
ROBERT IRVAN WILSON
ALBERT VALENTINE WOLSKI
EMIL HENRY ZIDD

In Metallurgical Engineering

NORBERT BRUNO BLASKI
ROY MATTHEW BRODNICK
DANIEL ROBERT DEMETER
RICHARD ROLLIN DEWITT
WILLARD MIRANDA GARCIA
WILLIAM EUGENE HENSLEY
LAVERN GEORGE HOENER
RUSSELL SMITH HYDE
HAROLD JUSTUS MATSON
JOHN PAUL MERUTKA
FRANK COUSINS PERKINS, with High Honors
RALPH HERBERT SCHARK
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RICHARD CARL STROKER
HARRISON CLEAVELAND TURNER, with High Honors
VERLE BREWSTER UTZINGER

In Sanitary Engineering

WILLIAM ANDREWS PARSONS
JOHN ROBERT PETERSON
JOHN ANTHONY OSWALD VOEGTLE

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

NORMA GALE AXELMAN
STUART JAY BACHMAN
MARY FRANCES BATH, with Tutorial Honors in English
MIRIAM LOUISE BAUER, with Honors in English
MARILYN ELIZABETH BECKNELL
JEANNE IRIS BEDERMAN
ROSS TAYLOR BELL, with Honors in Zoology
RUTH DORIS BENDER, with High Honors in Political Science
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SHELDON BERGER
MADGE BERKEY
MYRON ELLIS BERMAN
IRENE VICTORIA BERNTSEN
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DORIS RAE BJELLAND, with Highest Honors in Psychology
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ROBERTA BLOOM
PATRICIA STUTSMAN BONVALLET
JANE LOUISE BRACHMAN
ELOISE DARLENE BRADLEY, with Honors in English
CAROLYN BREHM, with Highest Honors in Political Science
WILLIAM CLARENCE BRENNAN
JOANNE BRESEE
SHARLENE LOIS BRODSKY
RAYMOND FRANCIS BROLLEY
BARBARA BELA BROWN
RAY DUNCAN BROWN
ROBERT CLAYTON BROWN
ZITA ANN BROYDE
ALOYSIUS MICHAEL BROZOWSKI
LOIS JEAN BRUDER
BEVERLEY ELLEN BRUNELLE
RICHARD MAINWARING BULL
JOANN ELIZABETH BURT
JESSE RAY BUSHEE
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AILEEN IRMA COOPERMAN
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ELIZABETH TAYLOR DRESSEL, with Honors in Sociology
RUTH ROSEMARIE DUCZMAN
RUTH GREENBLATT ELBLING
DOREEN FRANCES EMBS
ELIZABETH VICTORIA ERICSON
WILMA ELIZABETH ERNST
ROBLEY DUNGLISON EVANS
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Jack Bernard Fitzgerald
James David Fitzpatrick
Burta Ann Fleharty
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Donald Vincent Foster
Virginia Louise Foster, with Honors in Sociology
Stella Mae Frank
Devy Joy Franklin
Norman Roger French
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Milton Goldman, with High Honors in Political Science
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Helen Judith Graham
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Louis Charles Grossmann
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Margaret Hance
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Ronald Dorian Harper
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Roberta Roberts Harrison, with High Honors in French
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Reynold Leonard Hoover
George Kenneth Hughes
Bonnie Jeanne Ilten
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Mary Lou Solomon Kanberg, with Honors in Sociology
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Edith Kasper
Harriette Singer Kassel
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James Francis Keil, with Highest Honors in Political Science
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Ann Kent
Sallie Mae Kirk
Edward A. Knobbe
Edwin Frederick Koppe, with Honors in Botany
Theodore Robert Koska
Deane Franklin Kramer
Joseph William Kutchin, with Honors in English
Dorothy Ruth Lanham
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Kathryn Trebellas Leek
Elaine Goldsmith Leibman
Paul Stuart Leichenger
Carmen Irene Leonard
Elizabeth Murphey Lesher
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Joanne Elizabeth Lewis
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Gerald Lipshutz
Leonard Lipshutz
Audrey Oliver Littlejohn
Frank Joseph Loeffler, Jr., with Honors in Psychology
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Suzanne Love
Carroll Dyrenforth Lowitz
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Eugene Frank Mack
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Lorelei Towle Marshall
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Robert Melvin Martin
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Ralph Edward Silberman
George Stephens Skinner
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Vincent Edward Thompson
Donald Ralph Thurow
Lillian Geraldine Toland
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Eileen Florence Tressler
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David Louis Watters
William Charles Weber, Jr.
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Suzanne White
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George Arthur Wiegand
Betty Louise Wilcox
Mathew Wilensky
Mary Elaine Wille
Hubert Clyde Wilson
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Bruce Youle, with Highest Honors in Speech
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Mary Elizabeth Zannini
Dolores Ann Ziegler

In the Teaching of English

ROSALEE THOMPSON BARNS
HERMINE GRATCH
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HELEN MOTKO JONES
MARJORIE ANN KNOCH
BETTY JO KORNEGGER
MARY KATHERINE KRAFT
ELOISE ST. CLAIR
ALFRED HIRAM SNAP

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DOROTHY FERN PHILLIPS

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RAYMOND WHITNEY EWELL
MILDRED EMILY GIZINSKI
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JOY ANN HISER, with High Honors
RICHARD EUGENE HOGAN
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WILLIS BIRCH INMAN, with Honors
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EILEEN BARTELSTEIN KRAMER
MITCHELL JOSEPH O'BANNON
JACQUELINE ROSE SCHMIED
JAMES ALBERT SCHMITT, with Honors
JAMES STANLEY SCOTT, with Honors
JOSEPH FRANCIS STRAUB, with High Honors
DONNA JEAN WILLIAMS

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PATRICIA ANN CULP
RUTH LORRAINE HAFERMANN
ANNA KIENTZLE HOWEY
LOIS LACY KITSCH
EVELYN ELAINE LARSON
MARY AGATHA MORWOOD
RICHARD WINSTON PRICE
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JUNE ANNE RUMERY
VIRGINIA LOUISE STRATHMAN
FRANCES IRENE THOMAS

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JEANNETTE KOLP IVES
EVA DORIS ENGEL PRYMUSKI
PHYLLIS JEAN GATES SEEHAUSEN
DONNA JO SELLEG, with Highest Honors

Degree of Bachelor of Science

In Chemical Engineering

PAUL EUGENE BACKER, with High Honors
DONALD WALTER BAHR, with Honors
BION DWIGHT BARGER, JR.
WILLIAM BARNES, with Highest Honors
EDWIN OREN BELL
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CHARLES BRODY, with Honors
PAUL CARUS
ALBERT ANDREW CHILENSKAS
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ROBERT KENNETH CROLL, with Honors
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MARSHALL LEONARD HYMAN, with Honors
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RONALD VERNON SKOLD
MILTON ROBERT SPOOR

FLOYD LESTER SWANSON
ELIE ELIAKIM TARIKA, with Honors
WILBUR BAXTER TODD
EDWARD AMBROSE WHITE, with Highest Honors
PANG TSU WOO, with Highest Honors

In Chemistry

JULIUS JOHN BREZINSKI, with Highest Honors
ROBERT JOHN BROTHERTON, with Honors
EARLENE BROWN, with High Honors
JOHN PRESTON BULLARD, JR.
MARY LOUISE BURNETT, with Highest Honors
RAYMOND DAVID DALEY
WILLIAM WILSON ENTWISTLE
EUGENE HENRY RICHARD GIEHL
WALTER WILLIAM PETER HANNEMAN
JANICE HELEN HOWARD, with Highest Honors
PAUL EDWARD JACOBSON, with High Honors
JAMES BROACH KOTTEMANN
EDWARD LEON, with Highest Honors
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HERBERT ALAN REINSHAGEN
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HOWARD H. ROGERS, with High Honors
CONSTANCE SHIRLEY SAVAT, with Highest Honors
ERIC NIELS SLOTH, with Honors
WILLIAM JOSEPH WATT, with High Honors

In Home Economics

BARBARA HARRIS, with High Honors

In Liberal Arts and Sciences

ARTHUR JAMES ADELBERG
MARGARET JOAN ANDERSON
ROBERT JAMES ANSLEY
HIROSHI HAROLD ARASE
ROBERT GERALD ARMSTRONG
FRED LLOYD AUD
RUSSELL MARTIN BALL
PETER BARAM
MARY ALICE BARTSCH
SARA LOUISE BENSON
GERALD EMANUEL BENSTON
DAVID MARVIN BERKSON
PERRY SPEROS BEZANIS
EDWARD RUSSELL BILLINGS
IRENE MARIE BITTNER
BENJAMIN BLOCK
JOHN SIGLER BOEMAN
CARL WILLIAM BOQUIST
PATRICIA JUNE BORDEN
JOHN PHILLIP BRAZINSKIS
CHARLES EMORY BRESSLER
SHERWOOD HOWARD BRIELOFF
EDWARD STANLEY BROWN
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BETTY MARIAN CARNAHAN, with Highest Honors in Bacteriology
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HELEN VALENTINE CHERNIKOFF
RICHARD CONNELL COOPERSMITH, with Honors in Chemistry
CLIFFORD MATHIS CORNELI, with Highest Honors in Botany
ISABELLE MARY CRAWFORD
EMILY JEAN CRUSIUS
ANN CURRY
JAMES WALTER HENRY DAANEN
STEWART DERRY DANIELS, JR.
SHELDON DAVIDSON
WILLIAM JAMES DAY
SHERIDAN LEON DEMAIN
JOHN FRANCIS DEPAUW
EDWARD WARREN DERDZINSKI
ROBERT HAROLD DIVALL
THORNTON DOUGLASS
DOLORES MARIE DUDA
DONALD CAMERON DULANEY
JOSEPH MICHAEL DYMIT, JR.
HARTLEY CHARLES ERICSON
ELIZABETH JOANNE FELTS, with Honors in Biological Science
RUSSELL LEE FISHMAN
EUGENE NOAH FOX
WALTER EZRA FOX
MELVIN DANIEL FRANK
MARIE ADELE FRANKENBERG
LAWRENCE EARL FREEMAN
DOLORES ELAINE FRIEDMAN
PAUL OLIVER FROMM
ALVIN AVRON GAINES
NORMAN GANNON, with Honors in Entomology
VINCENT GLAUDIN, with Highest Honors in Psychology
CARL WILLIAM GODZESKY, with High Honors in Bacteriology
ELY GOLD
MARVIN EUGENE GOLD
ARNOLD IRVING GOLDBERG, with Highest Honors in Chemistry
ROBERT WALTER GOLDBERG
MARVIN HERBERT GOLDBLATT
MAURICE EDWARD GOLDSTEIN
JAMES EDWARD GOODIN
MELVIN GORDON

RUTH GORMAN
NORMAN LEE GORSKY
LEONARD GRAIVIER
JOHN RICHARD GRASSFIELD
MARY CONSTANCE GRINTER
JEAN CATHERINE GROSSKOFF
PAUL FREDERICK GROVE
GERTRUDE GRUENWALD
HELEN JEAN GURKOW
BERNICE BUTTON GUTHRIE
PAUL ARTHUR HARTMAN
PHILIP EMIL HARTMAN
MARILYN KATHLEEN HEATH
MALCOLM MORRIS HELPER, with Highest Honors in Psychology
MURIEL HENRY, with High Honors in Psychology
ERNEST OLIVER HERREID, JR.
RUTH ELLEN HOCKMAN
MARVIN JOSEPH HOFFING
LOIS MINETTE HOLSTINE
RICHARD HONG, with Highest Honors in Chemistry
DORIS TAYLOR HORN
VICTOR STANFORD HORVITZ
ROBERT WILLIAM HULL
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MARILYN RUTH JAMES
PHYLLIS ANN JONES
JEROME I. KATZ
MELVIN KATZ
FRANCES IRENE KENDRICK
MARY ELLEN JEWELL KESSINGER
GORDON MERLE KESWICK, with Honors in Psychology
ERNEST THOMAS KING, JR.
BILLY EDWARD KIRK
DANIEL SOL KIRSCH
RICHARD YUKI KITSUSE
LEONARD CHARLES KOETTER
LOUISE MAE KREBS
SAMUEL KREMEN
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IRVING KUPERMAN
CYRIL WILLIAM KUPFERBERG
JULIEN ALFRED LABOW
JANET KAY LARSON
JACK LEVANT
CONRAD MILTON LEVIN
HERBERT STEWART LEVIN
MARVIN SEYMORE LEVINSON
MORTON LEVY
VARDITH NAOMI LEVY, with Honors in Chemistry
THOMAS CLIFFORD LINDMAN
ALFRED EDWARD LISS
BARBARA ELOISE LONG
JAMES GILPIN LOVE
GENE ARNOLD LOWENTHAL
TOFIEL THOMAS LUKASIK
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FREDERICK EUGENE MILLS, III, with Highest Honors in Physics
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SHIRLEY JANE NAY
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MARGUERITE EILEEN PETERSON
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HOWARD LEE ROSS
HOWARD MARK ROSS
RICHARD JOHN ROST
FRANK JAY RUBENSTEIN, with High Honors in Psychology
ARNOLD HARRY RUBIN
LUCILLE MARION RUDOLPH
JOHN VOTEL RUSH
THOMAS EARL RUSSELL
EMIL HENRY SANDROLINI
LEROY EVERETTE SCARCE, with High Honors in Bacteriology
RICHARD EDWIN SCHAEDE
SIDNEY EDWARD SCHNITZ
GERALDINE ANN SCHRAMM, with High Honors in Psychology
GRACE MARY SCHULZE
LEWIS SCHWARTZ
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DOROTHY LOIS SERATAN, with High Honors in Chemistry

REED SEVERIN
MORTON SHANE, with Highest Honors in Chemistry
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DAVID SHAYMAN
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LOUIS RICHARD SIBAL
ALBERT SIEGEL
NANCY SIMMONS, with Honors in Bacteriology
ROBERT SIMON
VICTOR ANTHONY SIMS
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MARTIN BERNARD SMILAY
FLORA DUNCAN SMITH
FREDERICK CALVIN SPURGEON
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CLARKE STEIN
MILTON LAWRENCE STEINHORN
VIRGINIA JEAN STEVENS
LEONARD HENRY STONE
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STANLEY RAYMOND WEIDER
BERNARD ROBERT WEINSTEIN
ROSLYN WEINSTEIN
EDWARD LOUIS WEISS
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EDWARD MAYER WITTERT
MARSHALL N. WITZEL
SEYMOUR WOLF, with High Honors in Psychology
ROLLIN WALLACE WORKMAN, with High Honors in Physics
GEORGE MASAMI YAHIRO
NATHALIA YOUNG
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WARREN BUD ZIBELMAN
JULIAN IRVING ZINDER

In Speech Correction

MARJORIE ANN GETZ
JEANNETTE LOUISE JEFFERSON, with Honors
NORMA RUTH KLEINMAN
ELEANOR JANE LANG
AMELIA JANE LEWIS
ANNETTE MAE LEWIS
BARBARA JUVINALL LUSK, with High Honors
BARBARA ANN MILLER, with Honors
SHIRLEY ETHEL MILSTEIN
ALICE ELEANOR ROSS, with Highest Honors
ROLLIE PHYLLIS SAVITT
JANICE NATALIE SKELTON
MEDANELL SPINDEL
MARILYN JEAN SWANSON
PATRICIA BROWN WOODS

In the Teaching of Biological Sciences and General Science

CAROLYN MAY HENNING
ROMAN ZANE KUCHNER
WILLIAM JOHN WATSON

In the Teaching of Geography

WILLIAM ROBERT MUELLER

In the Teaching of Mathematics

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HOWARD GENE RUTAN
HARRY EDWARD SMITH
MARY JANE LIVINGSTON WILLIAMS, with Honors

In the Teaching of Mathematics and the Physical Sciences

JOSEPH CANNON PAYNE

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

JANIS ELISE ADSIT
VESTA ELIZABETH ANDERSON
SYLVIA JANE ANDREWS
PATRICIA ANN BAER
CHARLES ALBERT BESEMAN
EDWARD BIENIECKI

JESSE CALVIN BLAIR
LOIS DUNGAN BOHON, with Honors in Education
HERBERT FREDERICK BOYD
BETTY CHARLENE BREMER
CHARLENE FORMAN BROWN
JERRY METCALF BROWN
EDWARD ALVIN BRUZAN
BETTY BURSTEIN
WILLIAM FRANK CERVENKA, with High Honors in Mathematics
JEAN GRETCHEN CONNORTON
ELVERA BONSALL COOPER
VIRGINIA CAVINS CORZINE
JEAN MARILYN CREIGHTON
FERNE SCHOMBURG CROUSE
VIRGINIA ADAMS DICKENSON
MARY LOUISE DINSMORE
VIRGINIA EWING DONOHO
DOROTHY JEAN EHRHARDT, with Honors in Education
DOROTHY LUISE ELLIS
ROSEMARY EVANS
LOUISTINE ELIZABETH FORD
JACQUELYN FROST
YVONNE LEE GARDNER
HILDA PILKA GARMAN
PEGGY JEANETTE GAY
BARBARA JEANE GIVEN
AUDREY LOIS GLASSBERG
ROBERTA JO COALE GLICK
ELAINE TAUBMAN GOTTMANN
MARY FRANCES GRAHAM
EVELYN AUDITHA GRIMES
ALBERT LEANDER HALL, JR.
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BERYLE VIRGINIA HARRIS
ERNESTYNE HOLLAND HARRISON
HENRY FOLEY HARTRICH
FRED ELROY HARVEY
ANNOLA JANET HAWKINS
ROBERT EUGENE HENDRICKS
ENID SUNWALL HENNINGER
DONALD RAYMOND HERRICK
DWIGHT JOEL HUMPHREY
PATRICIA WULLIMAN HUNT
ALBERT RICHARD JOHNSON
DAVID JONES
SALOME RUTH JORDAN
NANCY RAE KELLEY
MARGARET FOSTER KNOX
JOYCE NATALIE KRUEGER
JANE WALKER KURRUS, with Honors in Education
BRACE HARVEY LAMBERT, with Honors in Education
BARBARA KORTUM LARSEN
MARGARET JEANNE LARSON, with Honors in Education
SALLY CLARE LOVEJOY
HILDRED MAURINE LUCUS
MARIE ODILE MALMORE
JO ANN MARKEE
CORA SCOTT MAYO
BETTY JUNE MCCLURE
WILLIAM ROBERT MCCONNELL, with Honors in Education
BETTY PATRICIA MCFARLANE
MARY FRANCES MCGINNIS
ROBERT CLIFFORD MEARS
RUTH ELLEN MEDENDORP
WILBUR SCOTT MENTZER
ELIZABETH MINE
DELILAH ALBERTA NEWELL
JOYCE FRANCES NICOLAI
JOE MURDAUGH OBLANDER
VIRGINIA MARION OLIN
DONALD WAYNE OMMEN
RUTH JANET PARETT
MARY LEE PETTY
MARTIN LAVAUGHN PINKSTAFF
ALICE MAE PROFROCK
FRAYDA JUNE RADNER, with Honors in Education
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PATRICIA DICKASON RASMUSSEN
GEORGE PAUL RICCIO
MARIETTA RIPLEY
MARILYN LESLIE RUDD
BARBARA LOU SANDS
JOANA JOYCE SAYLOR, with High Honors in Art
FAYE LEVEY SCHWARTZ
AGNES ANN SHAW
PHYLLIS MARIE SHAW, with Honors in Education
MAYA SHERMAN
DONALD LEE SHUMAN, with Honors in Education
MARJORIE MARIE SMITH
SONIA RUTH SNYDER
PATRICIA GRACE SPALDING
MILDRED SPIEGEL
PHYLLIS SPIEGEL
IDA MAE THOMPSON
KENNETH JAMES THORNTON
PATRICIA ANN TOWERS
LOUISE HESTERLY WALLS
LOIS SIGNE WARNER
MARY JEANNE WILKINS
MARGARET LOUISE WILSON, with Honors in Education
JOYCE OUIMETTE ZUCK, with Honors in Education

In the Education of the Deaf

BEVERLY JANE BENNETT
PATRICIA JULIA CHAMPION
TERRY BELL FEY
DOROTHY JEAN HENN
BEVERLY ANN JACOBS
GRACE CORYN ZIMRING

In the Education of Mentally Handicapped Children

LEATRICE DORIS WOLCOFF
THELMA BEVERLY ZUCKERMAN

In Industrial Education

MATTEO JOHN GUARINO
ELMER BOHUMIL KOSTKA
CHARLES LESLIE MCMILLIN
RICHARD FRANKLIN POWERS
JOHN EDWIN ROBERTSON
VERNON EDWIN STAHNKE
WILLIAM OLOF SWANSON

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

ROBERT WINN ANDERSON
LEONARD PATRICK ANDLER
DAVID HARRIS ASHE
LOREN EUGENE ASKINS
ROBERT CHARLES ASMUS
WALTER FLOYD BAILEY
BILLY LEE BAKER
RICHARD ELWELL BANISTER
MARY JANE BARTLETT
ABRAHAM BENDER
SEYMOUR BERNARD BIERMAN
ROBERT PAUL BLASE
WALTER ROLAND BOWER, with Honors
WARREN THOMAS BRIDGEWATER, with Honors
DAVID EMERSON BROWN
EARL CECIL BROWN, with Honors
OWEN OTTO BRUMMET
KENNETH ALLYN BUNCHMAN
MARSHALL ELMER CARLSON
MELVIN EUGENE CARY
JAMES ROBERT CLANCY, with Honors
ELLSWORTH FRANKLIN CLARK
ELMER BOYD CLARK
CHARLES FRANK CLEMINS
RALPH ARTHUR CLINTON
JAMES LAWRENCE CONNELL, with Honors
CHARLES EVANS CONNER
WILLIAM KENNETH CUDA
PAUL WENDELL DANIELS
EVERETT DAVIS
DORIAN HUGHES DICKINSON
ANTON ALOIS DOLEJS, JR., with Honors
ROBERT CORNELIUS DONAHUE
ALLEN FREDERICK DYE
CARROLL DEAN ELDRENKAMP, with Honors
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DONALD EDWARD ERSKINE
CLYDE FRED FALK
ROBERT WESLEY FILBEY
RALPH EDWARD FINKLER
ROBERT MAURICE FITZWATER
ROBERT BERNARD FLINK
MILTON KEITH FOLEY
JAMES THOMAS GARRISON
FRED GARZINO
EDWARD STANLEY GIBALA, with Honors
THOMAS EMERSON GILROY
JAMES LINDER GOBLE, with Honors
MERLE HENRY GOULD
ALFRED EDWARD GREEN
GUY HALE, JR.
HARRY CONRAD HALLOWELL, with Honors
ROBERT WAYNE HAMMACK
WILLIAM EDWARD HECKENBACH
THOMAS MARTIN HEMSTREET, with Honors
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EDWARD DAVID HIGGINS
ROBERT JOHN HOFFMAN, with Honors
ROBERT JOSEPH HOHLMAN, with Honors
LLOYD OWEN IRELAND, with Honors
WILLIAM DAVIS IRVINE
KREEL WAYNE KASSERMAN, with Honors
GLENN GEORGE KNACKMUHS, with Honors
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HELEN ALLEN LEWIS
PHILLIP IRWIN LIFSCHULTZ, with Honors
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DONALD EARL LINDROTH
JESSE LEE LOCKYER
ARMAND IRWIN LOFCHIE
WILLIAM MARLO LOREY
RAY JOSEPH LYNCH, with Honors
MARILYN SUE MAIN
ROBERT JAMES MALACH
WINSTON CLEVELAND MANK, with Honors
HAROLD LOEB MARKS, with Honors
ANTHONY LEONARD MARMA
LOUIS WAYNE MATUSIAK, with Honors
ROY MILTON MCCOLLOM, JR.
WILLIAM HUGHES MCCUE, with Honors
GUY MCCUNE, with Honors
RUTH ELIZABETH MEAD
LEONARD JOHN MICKLICH

EUGENE MARVIN MILLARD
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WALTER DEAN MONTS, with Honors
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LEROY FRANK MUMFORD, with Honors
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DAVID THOMAS PETERS, with High Honors
CARL LEWIS PETERSON, with Honors
LEROY ELLSWORTH PETERSON
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SHIRLEY POHN, with Honors
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RODNEY VANCE RANNEY
CARL GLENN REICHERT
CHARLES ALLEN RHOADS
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ROBERT DEAN SCHAEFFER
CLYDE SEIZ, JR.
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CHESTER BERNHARDT SLOSBERG
EUGENE JAY SOLAR
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ALVIN HERBERT SWANSON, with Honors
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LAURENCE JAMES WADE, JR., with High Honors
ROBERT LAWRENCE WAGNER
EDWARD ERNIE WANNER
ROBERT ARTHUR WARREN
STANLEY KEITH WEBSTER
IRMA LOUISE MARY WELKER
WILLIAM MAURICE WELSH
ARTHUR RAMER WYATT, with High Honors
VERNON KENNETH ZIMMERMAN, with Honors
ANDREW VINCENT ZUCCARELLO

In Accountancy and Management

JAMES VINCENT CLEARY
NORMAN BARRIE FINGER
JACK BARTO GORDON
IVAN FRED KUSCH, with Honors in Accountancy
DONALD KEITH LAMPORT
JOHN CLEOPHUS MAHAFFEY
ROBERT EDWIN MAXEY, with Honors in Accountancy
JOHN ARTHUR TREVILLIAN, JR.

In Banking and Finance

RAYMOND WICKHAM BAXTER, JR., with Honors
JEROLD GREENBAUM
JOHN LYLE JONES
KENNETH CHARLES MCELROY
CHARLES MARTIN PETERS, JR.
WILLIAM LAWRENCE ROCKHOLZ, with High Honors
VERNON DEWAINE WASHBURN

In Commerce and Law

JOHN CASS GRISSOM
DOUGLAS WYMORE HELM
ALVIN KAPLAN, with Honors
HOWARD DELMAR KOONTZ
MARSHALL EDWIN LESUEUR
CHARLES RUSSELL YOUNG

In Commercial Teaching

LOIS JEANNE CARMODY
WALLACE EUGENE CARPENTER
HELEN LUCILE CAVENEY
ANN JINKINS, with Honors
ANNA KILMER MAHAFFEY
JOHN CLEOPHUS MAHAFFEY
BERNADINE FRANCES REIS
MARY LOU COLE RICCIO
FRANCES MCCORKLE STEPHENS
JEAN FRANCES WILK, with Honors

In Economics

MARY LOUISE BAER, with Honors
HENRY THOMPSON BEALL
JEROME BECKER
CYNTHIA CARTHAUS
RONALD KENNETH DIEROLF
ADA LOUISE GEMENY
LAURENCE GREENE
HARRY WALTER HARM
JOANNE KUSHNER, with Honors
HERBERT DUVALL PERCIVAL
JOSEPH ROBERT PREZORSKI
MARTIN RABINOWITZ
VERNON LOWE SIDLER

In Economics and Management

CHARLES ZALOGA, JR.

In Economics and Marketing

CHARLES WILBORN HUEGY

In Industrial Administration

THOMAS SANDERS BLACKMAN, JR.
ARTHUR CASPER BOVENKERK, JR.
JOHN DEERING CANNON, JR.
JOHN WILLIAM FIPPEN
ALLAN JACK FISHBEIN
JOHN ALBERT FLANIGAN
BURTON SANFORD FLAX
HENRY GASSMANN
VERNON DELOS GREBNER
PAUL EUGENE HAMER
LURON OSWELL JOKISCH
THOMAS ROBERT MAHER
LAWRENCE NOVAK
JOHN JOSEPH POTEL
CLAYTON LEE RAUTBORD

In Management

RICHARD MERRILL ABBOTT, with Honors
SAMUEL ELIAS ALEXANDER
LEO ROBERT AMBROSE
WAYNE EUGENE ARNOLD
NORMAN EDWARD BEDELL
ORRIN EDWARDS BENJAMIN
RICHARD ARTHUR BLOMBERG
HUGH ANDREW BRADISH
HAROLD ROBERT CALLAHAN
HAROLD STEPHEN CHAPMAN
ROBERT VERNON CLAPP, JR.
RICHARD LOWELL COLSTOCK
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WILLIAM CHARLES DALLENBACH
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RICHARD CHARLES EINBECKER, with High Honors
GRADELYN COX FREYBERG
JOHN RUDOLPH GABOR
ERNST ADOLPH GOTTMANN, JR.
WILLIAM HOMER GRAHAM
MILLARD JOEL GRAUER, with Honors
EARL WILLIAM HAGBERG
PAUL FREDERICK HANDLEY, JR.
RAYMON HARRIS HARRELL
PHILIP STANLEY HENDRICK
BRUCE EUGENE HISER
EARL FRANCIS HOBBS
JANETTE HOUPT
BERNARD HOWARD IVEY
SANFORD IRWIN JAFFE
ROBERT CHARLES JAMES
CAROL ADELE KEENAN
GEORGE ROBERT KELLY
PHILIP EDWARD KRETZ, JR.
HAROLD JAMES LANKFORD
GILBERT WING LEE
JACK ARTHUR LEVY
JOHN JOSEPH MADAY
ANITA MARIE MANSFIELD
ARTHUR B. MARKWALTER
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JAMES PHILIP MIESENHELDER
LAWRENCE WEIR NORTRUP
KENNETH MAX OLSON
EVERETT MONROE PATTON
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WILLIAM TIMOTHY PRIDMORE
WAYNE CARL SACHTLEBEN
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DONALD EDWARD SCHEVERS
BARBARA ANN SEAQUIST
MORTON SHINER
JACK ELLIS SLICHENMYER, with Honors
JOE VAL STEWART
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RODGER RUSSELL TAGGART
LEE CHASE TURNBULL, with Honors
PETER MICHAEL VANES
ARTHUR ALBERT WACHHOLZ, JR.
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ROBERT OTTO WATSON
REED LAWSON WIERKS
JOHN FREDERICK WILLIAMS
HAROLD ADELBERT WORKMAN, JR.
MARVIN ROBERT YARMO

In Management and Marketing

DONALD GEORGE ALBRECHT
RICHARD CALVIN ARMSTRONG
DONALD MAX BADZIONG
NORMAN JACK BARMASH
GORDON LOUIS BOYD
RALPH WILLIAM BROWN
JOHN FRANK DAMORE
CHARLES WESLEY DENNIS
BEATRICE EMILY ERHARDT
SEYMOUR FRANK
NORMAN DONALD GLIST
MARK LEON GOLDBERG
ROBERT EDWIN GOODMAN
JOHN GORDON GRAHAM
ALFRED FRANK GRAVES, with Honors
NATHANIEL LEWIS GRAY, with Honors in Marketing
FREDERICK WESLEY HARTMANN, JR.
ELDON RAY JOHNSON
EDWARD CLARENCE LAMM
RAYMOND CHARLES LIEBERMAN
LEONARD JOHN MACEWICZ
DAVID KIMBER MILLS
GERALD MORTON MINKUS
LEONARD SAUL OPPENHEIMER, with Honors
SEYMOUR WILLIAM PATTIS
WILLIAM LOREN REESER
ROBERT ROTH RENFREW
HAROLD DANIEL SCHWARTZ
MARGARET ANN SECONDINO
WILLIAM MAC SILKWOOD
JOHN GUSTAV STRAUSS
ERWIN LAWRENCE STULLER
PAUL ECCLESTON TIFFANY
GEORGE MAYNARD WATKINS
WILLIAM TYSON WRIGHT

In Marketing

JOSEPH JAMES AZZARELLO
ALLAN EDWARD BARD
RAY HENRY BRUECKNER
GARREL BURGOON, JR.
RICHARD HARRY CLAUSEN
SHIRLEY LUCILLE COLE
JULIAN JUDSON COLLINS, JR.
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LEROY STEVE DEMANES
LEO ISADORE FOX
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GLENN ALLAN GOODSON
ANDREW HAGOPIAN
JACK ARTHUR HANSEN
DEAN CHARLES HARRISON
RALPH ANDREW HERMANN
RICHARD BERGIN HINCHION
GORDON JOHN HOERNER
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MARVIN ISENSTEIN
ALBERT DONALD JOHNSON
JAMES ROBERT JOHNSTON
JOHN CRAWFORD KANBERG
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CHRIS JOHN KATSINAS
THOMAS HARRY KEMPNER
WILLIAM JOHN KNOWLTON
CHARLES IRWIN KRAMER
WILLIAM JOSEPH KUMMERER
PAUL EMILE LANDRY
DAVIS MADNICK
LEO THOMAS MAGIERA
ROLLA DELMAIN MALAN
ROBERT BURKE MCCARTY
TED NADYBAL
DONALD EDWIN PEARSON
JEROME BERTRAM PRISYON
BRUCE GORDON RADCLIFFE
KARL NICHOLAS REULAND
RICHARD BERNARD ROLANDER
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WANDALENE THOMPSON RUSSELL
WILLIAM BOLOTIN SCHUR
ROBERT MARSHAL SIDER
DONALD VANTERPOOL SIMMONS
EDWARD JAMES SPEERS, with Honors
ROGER WALLACE SPIEGLER
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SAMUEL DAVID STOTLAR
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CALVIN WAYNE VOGEL
MITCHELL WEISNER
WILLIS GARRETT WELLS
FRANCIS EUGENE WOOD
JOSEPH NICHOLAS WRIGHT
HELEN ELIZABETH YOUNG
JOSEPH HAZEN ZEARING
BERNARD ZIMBERG

SCHOOL OF JOURNALISM

Degree of Bachelor of Science

In Journalism

JOHN HENRY ALLEN
SEYMOUR RALPH APPLEBLOOD
RALPH MARTIN ARNOTE
MELVIN DAVID ASCH
DOROTHY ELIZABETH AUSFAHL
RUTH LILLIAN BARAN
GEORGE HOLBROOK BARGH, JR., with High Honors
BLAINE BARNES
ROBERT ALLEN BERMAN
BARBARA ANN BICKEL
LAURA NAN BLAZER
BOBBY AUD BOAZ
LEONARD LOUIS BRODERICK, JR.
RICHARD LAWRENCE BROWN
LESLIE KEITH BUNNELL
EVERETT GENE BURROUGHS
JEAN LOUISE CAMERON
ROBERT ENOS CAMPBELL
JOHN KENNETH COLE
BARBARA JEAN CONDO
NANCY JANET COOK
CHARLES GILBERT COOPER, with High Honors
CHARLES HOWARD COX
DONALD JACK DETHORN
PAULINE ANN DOLAN
EUGENE CARROLL DORSEY
ELMA MAE DRENAN
RICHARD LEONARD EASTLINE
WAYNE JOSEPH FICKINGER
JULIE JANE FISHER
AUDREY MAY FRANKLIN, with Honors
MARY KATHERINE FRETER
FREDERICK FRANCIS FREYBERG, JR.
HERBERT FRIEDMAN
MARILYN JANE GARDNER
MELVIN HENRY GHIGHI
PATRICIA ANN GLERUM
PHILIP LOUIS GORE
JAMES SMITH GRAHAM
EDWARD LEWIS GUMPLO
ROGER WHEELER HANCE
ROBERT STEVEN HERZOG
ROBERT MUNRO HEWITT
DONALD GOODMAN HILEMAN, with Honors
GUSTAVE CHARLES HINUEBER
JAMES FRANCIS HOLLAHAN
DOROTHY REGINA HOPKINS

Jared Ellison Johns
Arthur Glynn Johnson
Arthur Stanley Johnson
Bruce Robert Kelso
Bonnie Lou Knutzen
Mary Elizabeth Krebs
Conrad Adolph Krez
Jean Marilyn Leader
Lois Kathryn Lehman
George Steven Lekas
Kenneth Miles Levy
Patsy Patch Long
Joseph Bernhard Lundberg
Stuart Leslie Malina
Elaine Laura Marozick
Richard Reid Martin
Violet Marjorie Martin
Harold George Marx
Warren Mattix
Meredith Allan May
Janet Wynn McClelland
Robert Louis Merens
Joe Ted Miller, with Honors
David Lyle Moberly, with Honors
Domenic Morello
Shirley Edythe Mraz
James Neighbers
Carlyle Edwin Neubauer, with High Honors
Gayle Caroll Neubauer
Robert Carl Olson
Shirley Marie O'Neil
Shirley Parker
Shirleyanne Chase Parr
Mary Marguerite Patrick
Arthur Emmet Pennell
Rudolph Robert Perz
Florence Jeanne Postlewaite
Elizabeth Gertrude Prather
Norma Thebe Press
Valetta Jean Press
Harald Ramm, with Honors
Shirley Rhoda Randell
Margaret Elizabeth Reed
Richard John Reineke
Eugene Martin Rezwine
Priscilla June Rhode
Elizabeth Mae Ringstrand
Robert Dalton Root
Phyllis Ann Roth
Helene Joyce Rubin
Louis Eugene Ruffolo
David Hargrove Rundell
Harold Herman Salzman
Daniel David Schub
Robert Benjamin Shonfeld, with Honors
Theodore Henry Sondag
William Henry Spelbring
John Richard Spencer
Marda Bee Spielberger
Lorraine Audrey Stencel
Gerald Joseph Stern
Robert Allan Stern
Daniel Winfield Stevens, III
Walter Forest Sturm, Jr.
Neal Ray Suppiger
Nathan Willard Tupper
Frank William Turek
Jack Showalter Vaniman
George Edward Wachendorf
Oiva Walley
John Earle Weiter
Kathryn French Weller
Patricia Ann Whelan
Robert Lewis White
Lawrence True Whitney
Joyce Marcella Williams
Robert Jack Witensky
Kenneth Lyle Wooddell
James Paul Edward Yoggerst
Henry Lane Youker

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architectural Engineering

Robert Stanley Allan
Alan Glenn Anderson
John Edgar Barthel, with Honors
Kendall Powers Bates
Richard Russell Bell
Don Allen Bessey
Raymond Joseph Brejcha
John Valdemar Christiansen, with High Honors
Forrest Richard Coxen
James Ray Daniel
Thomas Rex Daniel
Robert Charles Day
Sylvester Atma Dulgeroff, with Honors
Clarence Theodore Ekstrom
John Delbert Forsgren
William Ellis Gramley, Jr., with High Honors
Verdell Hanner
Richard Leo Hapke
James David Hopkins
Rolf Nelson Irgens, with High Honors
Charles Norman Johnson, with Honors
Jean Hanna Krieger, with High Honors
William Stephen Lahey, Jr., with Honors

JOSEPH PIATT LLEWELLYN
WILLIAM GEORGE LOSCH
EDMUND STANLEY MAKOS
CHESTER ARTHUR MCGOVNEY, JR., with High Honors
GEORGE ELLIS MULLINS
NORMAN ALBERT NELSON
PETER JAMES NITTO
MELVIN EDWARD REITER, with Honors
WILLIAM DEAN ROBINSON
EDWIN HERBERT RYDBECK
ROBERT JULES SCHAEFER, with Honors
EDWARD CHARLES SCHEWE, with Honors
DAVID SCHIFF
JAMES FREDERICK SCHNEIDER
JOSEPH FRANCIS SCHROEDER
WARKENTIN SCHROETER
RICHARD FERDINAND SEEHAUSEN
JAMES EDWARD STANSBURY
NED ROST STEIN
EUGENE CALVIN SWAGER
GEORGE ALFRED THORSON
KENNETH EUGENE UNTEED, with Honors
JACK DALE VOGELSONG
ALPHEUS CLIFTON WATSON
JAMES JOSEPH WAVERING
WILLIAM VAN WHARTON
JACK YATES WILLIAMS
GORDON EARL WOOD

In Architecture

ROBERT JOSEPH ANDERSON
CHARLES EUGENE ASBURY, with Honors
ALBERT ORIN BUMGARDNER, with Highest Honors
JOSEPH CANZONERI
PATRICIA MARILYN CASEY
GERALD BURTON COX, with High Honors
JESSE WILLIAM CRUME
WILLIAM EARL DYE
FAY CARLTON EWBANK
CHARLES DRAPER FAULKNER, JR., with High Honors
ARTHUR ANGELO GOUVIS
AARON ALLAN GRAHAM
NORMAN FREDERICK GREWE
JOE JUNGKURTH JORDAN, with Highest Honors
EUGENE GEORGE JURENEC
PAUL JOHN KLUMB, JR., with Highest Honors
ELAINE KOZLER
MORTON LEVINE
WALTER ROBERT MARCZYK
ALFRED WALLACE MOFFETT, with Honors
MARTIN TIMOTHY MOFFITT, with Honors
FRED CHARLES NAGEL, with Honors
RICHARD DOLE PEEPLES
ROGER ELGAARD RASMUSSEN, with Honors
JOHN PETER REIF, with Honors
LEROY MYRON RUSSELL
ARTHUR PHILLIP SALK
HERBERT ROSSER SAVAGE
LLOYD STRATTON SPRINGER, with High Honors
JOHN JAY TYRRELL, with Honors
EDWARD KENNETH USHER, with High Honors
NORMAN HOWARD ZARET, with High Honors
SAMUEL ZYWOTOW

In Landscape Operation

JON RICHARD LARSON
CHARLES ELWOOD PARKS

In Music Education

EULAH MAE BURTON
JANICE ANGELL CLARK
MARGUERITE LEE COLLEY, with Honors
FRANK DUFOUR
HARRY DOMINIC GOTTI, JR.
JOHN JAMES HAYNIE, with Highest Honors
FRED MANNING HUBBELL, with Honors
LEROY OSCAR KIRSCH
CHARLES ELLIS MCFADDEN, with Honors
KENNETH RAYMOND MOORE, with Honors
ROBERT LLOYD OPPELT, with Honors
WILBER DEAN SIMMONS, with High Honors
HARLAN ARTHUR STONE
JANET LOUISE VAN MATRE
JANE FRANCES WOLF, with Honors

Degree of Bachelor of Fine Arts

In Advertising Design

GERTRUDE RUTH ANDERSON
ELIZABETH JANE BONNES
FREDERICK RUSSELL CHAPMAN, with High Honors
MARILYN LOIS EDWARDS
DORIS JEAN EVANS
WILLIAM EDWARD KEMPE
RUTH ANNE MILLER
HELEN MARIE RENNAKER
RALEIGH JOSEPH SPINKS, JR.
JOY MARGARETHA EMILIE STIERNBERG
SHIRLEY MAE STREMMEL

In Art Education

Dorothy Evelyn Bieber, with High Honors
Barbara Ann Byrnes
Beulah Mae Davidson
Eleanor Jean Robertson, with High Honors

In Industrial Design

Richard Eugene Davis, with Honors
Burton Wesley Glatz
Edith Lucast Jordan
Albert Stanley Molo
Edna Josephine Nadworny
Phyllis Ellen Riedesel
Joan Marie Roach, with Honors
Mort Lawrence Rothenberg
Charles Wilbur Sanders, with High Honors
Barbara Joan Schultz
Loretta Barbara Skorupa
Donald Alan Smith
Muriel Elizabeth Sutcher
Edward James Zagorski, with Highest Honors

In Landscape Architecture

John Leonard Benson
Ivan Wayne Brown
Franklin George Collins
Lucille Galler
Calvin Sargent Hamilton, with Highest Honors
Chance Stevens Hill, Jr.
Joyce Charles Hoffman, with Highest Honors
William Hugh Adair LaMon, with Honors
Robert Gerald Luesse
Daniel Warren Moore, with Honors
Neil Bertram Pfulb, with High Honors
Jack Harry Swing
Metro Tatalovich
Fred Alfred Timm, with Honors
Ferdinand Ross Vogelgesang, with High Honors
Paul Calvert Watt
John Charles Wolf

In Painting

Patricia Ruth Brown, with Highest Honors
John Henry Geister
Suzanne Gertrude Hasselquist, with High Honors
Chris Karras, with High Honors
Dorothy Samuelson Lentz, with High Honors
George Joseph Moody, with Honors
Martha Ann Morgan
Barbara Isabelle Sheldon
Mary Ann Stout, with High Honors

Degree of Bachelor of Music

Dorothy Jean Albert
David Jones Bowen, with Honors
Sue Carol Carr, with Highest Honors
Rose Marie Holmes, with Highest Honors
Warren William Lutz, with High Honors
May Catherine Messmann
Jean Elizabeth Morlan, with High Honors
Marvin Eugene Mutchnik
Heinz Gunter Neumann
Marvin Tenney Secord, with Honors
Gilbert Lawrence Tunison

SCHOOL OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

Barbara Chamberlain Abegg
Claude William Baker
Francis Edward Barenbrugge, with Honors
William Herschel Barnard, Jr.
Lois Anita Barrow, with Honors
June Lee Bickerton, with Honors
Roberta Janette Bobsin
Dolores Judith Bodz
Clifton Clay Capp
Martha Elizabeth Carlisle
Max Eugene Cary
Hope Garrigus Daniell
Michael Aloysius Dedinsky
Wilma Jane DeYoung, with Honors
William Hudson Downey
Marjorie Louise Dunlap
Thomas Dwight Eddleman
Austin Edmondson, Jr.
Mae Jean Engen

WILLIAM FRITZ ESSLINGER
MARILYN LOUISE FOSSLAND, with Honors
MARION FIELDEN FOX
SAMUEL S. FRANCE
THOMAS BYRNE GALLAGHER
JOSEPH GARCIA, JR.
JOAN REWEY HAYES, with Honors
THOMAS CHARLES HOFFMAN
DONALD SAMUEL HUBBARTT
JEANNE EILEEN HUMBERSTONE
JOHN FREDERICK KOPKA
PAUL ROBERT KOSTYNIUK
CHARLES JOSEPH KRISTUFEK, with Honors
NYE LEE LABAW
KENNETH MARSHALL LAW
NORMAN ALBERT LERMAN
RENEE LERNER
ANATOLE LUCAS, with Honors
KENNETH MARLIN, with Honors
LORRAINE HELEN MEYER
VIRGINIA LOUISE MOELLER
ELIZABETH JANE MORPHY
MARILYN ANN NATHAN
MAX NEIBERG
LEONARD STANLEY OSZAKEWSKI
HERBERT SPENCER PARKER
JOYCE ARDEEN PERBIX, with Honors
GORDON CLARENCE PETERSON
JACK BURTON PIERCE
WALTER JEROME PLANT, with Honors
RUTH FEHNER POLLARD
ROBERT JOHN POSSEHL
ROBERT MICHAEL PRYMUSKI
JAMES EDWARD REEVES
JACK KEITH ROBINSON
JOSEPH IGNACIO RODRIGUEZ
WILLIAM REGLUS ROSENTHAL
ELAYNE MARGARET RUCK
EUGENE GORDON SAALWAECHTER, with Honors
DONALD HACKER SCHERWAT
ROBERT EUGENE SCHUBERG
HERBERT CARL SEIWERT
VERNON LAWRENCE SELIGER
CARYL ANDERSON SMITH
RICHARD CURTIS STRASSER, with Honors
DOROTHY IRENE SWANSON, with Honors
ROBERT WHEELER TICHENOR
ORIED ATMER TUCKER, JR.
JAMES JOSEPH VALEK
JAMES FRANKLIN VARNER
DONALD ALEXANDER VON EBERS
LEROY RUDOLPH VRANEK
NORMAN WASSER
BERDELL HENRY WURZBURGER

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

HAROLD ABRAMS
JAMES LOUIS ADELSON
LUCIUS WILLIAM ALEXANDER
ROLLA EARL ALLEN, JR.
JOHN RICHARD ALLEXAN
KENNETH ERIC ANDERSON
WAINWRIGHT ANDERSON
BERNARD ARDISANA
RICHARD EDWIN ARMS
RONALD WAYNE ARNOTE
HARRY ROBERT ASCHAN, with Honors
LOUIS HERMAN ASHER
CHARLES ALEC AUGUSTINE
ALVIN GAIL AUSTIN
JAMES OTHEL AUSTIN, JR.
ARMEN GEORGE AVEDISIAN
CHARLES AUGUST AZZARELLO
SHELDON JACK BAKER
ROBERT DIXON BARGER
ROBERT OLIVER BARKER
WILLIAM MURRAY BASSETT
DANIEL ROBERT BAVELAAR
FRANK KING BECK
PAUL FREDERICK BEHAN
DALE FRANK BEHRENDS
GEORGE HAROLD BERG
BERNARD SIDNEY BERNSTEIN
JOSEPH THOMAS BESSETTE
PETER FRANCES BIANCHETTA
JOSEPH JAMES BINGENHEIMER
JAMES THOMAS BLUME, JR.
WILLIAM HENRY BOBSIN, JR.
LINELL LEWIS BOCK
LINCOLN BOSCO
LESLIE GEORGE BRAND, JR.
WILLIAM JOSEPH BRAUN
WILLIAM THOMAS BRENNER
WALTER KING BRIDGES, JR.
GERALD THOMAS BROOKS
ROBERT LOUIS BROWN
JACK DONALD BURGESS
JACK ELMER BURKHOLDER
DONALD VERE BUTTS
JOHN HOWLAND CAIRNS
ROBERT TAYLOR CALEF
DONALD JOHN CAMPBELL
AMOS CLARK CAREY
KENNETH XAVIER CAREY
ROBERT OCTAVE CARTIER
PHILIP ADAMS CHAPMAN
OSWALD JOSEF WILHELM CHRIST
CLARENCE CLAPP
LEONARD COBURN
PAUL COCOSE

JOHN EDWARD COMERFORD
FRANKLIN ERNEST CONN, JR.
DONALD CORNBLEET
RICHARD OTIS COX
C. LYNN COY, JR.
JOSEPH CULOTTA
DUANE BROOKE CULTRA
IVAN RAYMOND DAHLGREN
GEORGE REEVE DANA
CATHERINE MCCRIMMON DAVIS, with High Honors
HENRY JAMES DAVIS
MARVIN MERRILL DAVIS
RALPH HOWARD DECKER, JR.
CYRIL JOSEPH DEITCH
KENNETH EUGENE DENT
WAYNE CALVERT DEPEW, JR.
LYLE ORLIN DEUTH
EARL LOREN DEUTSCH
DONALD JOSEPH DEVOGELAERE
GEORGE DIMIT
WILLIAM ANDREW DITTMANN
WALTER ALBERT DIVAN
PAUL WILLIAM DOBBERTIN, JR.
HOWARD LEROY DOBBS
DONALD WILLIS DOERSCHER, with High Honors
EDWIN IGNATIUS DRATWA
ROBERT ERVIN DUNHAM
ROBERT FRANCIS DUNHOUSE
WILLIAM NORMAN EDWARDS, JR.
GEORGE EHRLICH, with Honors
SHELDON EINBUND
JOEL JESSE ELIAS
MARVIN IRA ELLIS
ROBERT MCLEAN ENGLIS
LOREN EUGENE ERNEST
DONALD GROVER EVANS, JR.
JAMES WILLIAM EWING
RICHARD GEORGE FAGERBURG
CARL WILLARD FALK
HELEN FECENKO
LEON VERNON FENNOY
JAMES JAY FILES
ALEXANDER S. FISHER
DOUGLAS LLOYD FOOTH
WARREN HILLON FOULK
HERBERT LEE FOX
RALPH KENDRICK FRAZIER
DONALD IRA FREEMAN
WILLIAM ARTHUR FREIWALD
JEROME KENDRICK FULL
WILLIAM JAMES GADDIS
CHARLES MERTON GAISFORD
RICHARD EARL GALLOWAY
EDWARD SYLVESTER GEMBARA
DONALD WALTER GERVENS
THEODORE WILLIAM GLADHILL
DONALD CHARLES GOODMAN, with High Honors
SEYMOUR NATHAN GREENBERG
JACK ALLISON GREENE, JR., with Honors
CHARLES EDWIN GREENWOOD
WILLIAM GEORGE GREGG
PAUL ROBERT GREHL
JOHN PATRICK GREMBER
DUANE OLIN HAAG
JOHN HANDLEY HAMILTON
HORACE FREDERIC HARDY, III
ARTHUR HARRINGTON
ROBERT WAYNE HARVEY, JR.
BARTHOLEMEW VINCENT HEGARTY
ARTHUR WILLIAM HEMMINGS, JR.
LESTER PAUL HENCH
JAMES DAVID HEROLD
MANFORD DOYLE HINE
JAMES CALVIN HOEKSTRA
NELSON CARROL HOFFMAN
ROBERT FRANCIS HORIN
LOWELL FREDERICK HOWARD
ROBERT GILBERT HUGHES
ROBERT THOMAS HUGHES
HAROLD LENTON HULL
ALAN CLIFFORD HULTMAN
DANIEL STAFFORD HUNT, JR.
JAMES HENRY HUSEMAN
WILLIAM GATES HUTCHINGS
ALLEN SMITH HYDE
PATRICIA JANE IRVINE
RAYMOND LEE IRWIN, JR.
RICHARD EDWIN IRWIN
ROBERT TRACY IRWIN
NORMAN THOMAS ISAACS
ALBERT STANLEY JACKSON
DONALD ERIC JANSON
LEONARD CASIMIR JARZAB
WILLIAM KEITH JENKINS
DONALD CLARK JOHNSON
RICHARD GEORGE JOHNSON, JR., with Highest Honors
JAMES BARKER JONES
GORDON ARTHUR JUHL
NORMAN LEON KAHN
SHIRLEY SPREE KALAL
FREDERICK HENRI KAZLO
OWEN KEAN, JR.
WILLIAM EDWARD KEECH, JR.
CALVIN CONAWAY KEMPER
LESTER WILLIAM KENT
DURWARD WILFRED KILLINGER
SAMUEL KLAMEN
JOHN JACOB KNOBLOCH, JR.
RUSSELL ALBERT KOESTER
ROBERT ARTHUR KOHTZ
ROBERT FREDERICK KONIGSFELD
DAVID MITCHEL KRAFFT
HARRY CONRAD KRAUSE, JR.
JOHN FRANCIS KRAUSE, JR.
FREDERICK WILLIAM KRUGER
ERNEST ANDREW KURTZ, with Honors
WAYNE JOSEPH KVASNICKA
ABE FRED LADERMAN
LELAND JUDSON LAIR
ROBERT WYLIE LANE

ERNEST WILLIAM LARSON
ROBERT CONRAD LASH
JULIAN HAWTHORNE LAUCHNER
JAMES LESTER LEIGH
EDWIN LEVER LEMMON
GERALD PHIL LEVANT
THEODORE LEVINE
BERNARD DAVID LEWIS
RICHARD ARTHUR LIEBIG
CLIFFORD LINDER
MERRILL SAUL LITOW
GABRIEL EDWARD LOVASICH
THOMAS CURT LUNDEEN
THOMAS WILLIAM LYMAN, JR., with High Honors
BRUCE CONOVER MACDONALD
FRED HOMER MACNAMARA
ROBERT GEORGE MALLEY
ROBERT NELS MALMQUIST
JAMES JOSEPH MANNING
EDWIN CHARLES MARSHALL
PRENTICE HENRY MARSHALL, with Honors
JOHN DONALD MARTIN
ALBERT BERNARD MARX
ROBERT CHARLES MASON
HENRY MORTON MAUTNER
CHARLES MAYEDA
FRANK JOSEPH MCCOLLOUGH
JOHN WILLIAM MCDERMOTT
JOHN MALCOLM MCDONALD
ROBERT HENRY MCKNIGHT
ROBERT EDWARD MCMILLAN, with Highest Honors
ERNIE ALLAN MEIER
HERBERT GERALD MELNICK
RICHARD PRICE METZGER
DONALD RICHARD MEYER
JAMES CLIFFORD MILLER
EDWARD WILLIAM MILLHOUSE, JR.
HENRY ERNST MOEHLE, JR.
CARL ARTHUR MOLLGREN
EDSON WALTER MURRAY
HOWARD BERNARD NASH
EMIL KEITH NATALLE
HAROLD NEER
ERNEST EDWARD NELSON
GORDON RICHARD NELSON
GRANT WINFIELD NELSON
WILLIAM DONALD NELSON
DOMENICO JOSEPH NERI
SAMUEL CARSON NICHOLL, JR.
LAWRENCE JOSEPH NUFER
RALPH JOHN NUFER
RAYMOND JULIAN NUSINOW
JOHN PEIRCE OAKLEY
JOHN DANIEL O'BRIEN
EARL KENT ODOM, JR.
ALBERT ORENSTEIN
WILLIAM IRA PAPE
ROBERT THEODORE PARKHILL
JAMES RUFUS PARLIMAN
ROBERT DALE PARR
WILLIAM JOHN PAULI
RICHARD CLAY PECK
EGBERT LEWIS PFEIFFER
JACK LAVERNE PIHL
GEORGE KINCAID PILKENTON
WILLIAM PHILLIP PIPHER
CHARLES EMERSON POLLARD, JR.
WILLIAM DEAN POORE
GROVER ORTMANN POUST
VICTOR E. PRATT, with Honors
DEAN ARTHUR PRESTON
ERNEST ALFRED PURNELL
BERT LEON QUINN
CHARLES ALBERT RAPER
RICHARD KUEBLER RAPP
ROBERT HOWARD RASMUSSEN
RAMON EUGENE RECK
RICHARD REINERT
SANFORD MANDEL REMINGTON
JOHN SAMUEL RENDLEMAN
RUSSELL REES RISDON
RAMON ERIBERTO RIVERA
EDWIN BLAKE ROBERTS
JESSE EDMOND ROBERTS
DONALD RAY ROBINSON
RICHARD SVEN ROEING
JOHN RAYMOND ROY
GLEN BROEHL RUBENKING
CARL RICHARD RUSSELL
PETER JOHN RYBAK
ALBERT LILAND SAGERT
CHARLES HERBERT SAGLE
JAMES WILLIS SANDERS
MERRET BAKER SANDERS
LOUIS KALMAN SATZ
ROBERT WARREN SCANLAN
WILLIAM HERMAN SCHAFER
LAWRENCE SCHATZMAN
WALTER O. SCHMIDT, JR.
WILBUR LOYD SCHMIDT
OSCAR WOLFE SCHRICKER
CARL EMIL SCHULTZ, JR.
PHILIP SEELY
EDWARD JOSEPH SEILER
JOHN NICHOL SHALLCROSS
DANIEL SHAPIRO
WILLIAM KEITH SHAW
JACOB SHECHTER
HARRY MATTHEW SHOLOTA
GEORGE KENNETH SHOTICK
HERBERT FRANK SIEGERT
IRVING SILKIN
RICHARD EUGENE SIMMONS
JAMES EDWARD SIMPSON
MARIE JOSEPHINE SINK
NORMAN SKRAASTAD
LAWRENCE NORMAN SLOAN, with High Honors
ALFRED HOLLISTER SMITH, JR.
JOSEPH PEARL SMITH, JR.
LLOYD CECIL SMITH

MILTON S. SMITH
RICHARD WILLIAMS SMITH
ERNST WILLIAM SOELTER, JR.
NORMAN FREDERICK SOHL
JOHN ROGER SOLIN
ROBERT SOMERS
HARRY WILLIAM SPONGBERG
WALTER VALENTINO SPOTTI
RICHARD LEONARD STARKEL
ARTHUR ANTHONY STECZ
DAVID STEIN
PHILIP NORRIS STEWART
SEYMOUR BERNARD STISS
JOHN HERZOG STOCKER
ROBERT JOHN STOCKTON
THOMAS ROBERT STONIER
KENNETH SPENCER STORM, with Highest Honors
HARRISON STREETER
HARRY RICHARD SWIFT
HENRY BALDWIN TANTON
RALPH WILLIAM THEOBALD, with High Honors
BURTON GILBERT THOMS
THOMAS EDWARD TOBIASON
CHARLES WELLS TOM
JOSEPH EDMUND TOMES
FRANK JOSEPH ROY TREMBACKI
ROBERT VICTOR TUGGLE
FREDERICK RICHARD TURSCHMANN
ROBERT LANPHIER TWIST
CHARLES JOSEPH URBAN
ROBERT MARK VANNE
WILLIAM WEIR VICTOR
GERALD EUGENE WAHLS
BERNARD WAIN
EVERETT WESLEY WALBERT
WILLIAM HEMINGWAY WALLACE
IRVING HAROLD WALLER, with Honors
ROBERT VIRGIL WALSH
DOWNEY K. WASSON
LLOYD JACOB WEBER
VIRGIL MARCUS WEBER
JOE ALLEN WEISS
CHARLES HERMAN WENK
ROBERT GUY WETZEL
ARNOLD CLARENCE WHITAKER
ROBERT CARSON WHITE
WALLACE TERRELL WHITE, JR.
THOMAS SLATER WICKSTROM
HAROLD LEROY WIERSEMA
ROBERT ERNEST WIESNER
RICHARD EDWIN WILLIAMS
ALBERT DEAN WILSON
CARROL DEAN WILSON
LAWRENCE SANDERS WILSON
LEONARD EARL WILSON
BURTON JAY WINICK
FAY ALLEN WIRTH, JR.
SYDNEY MAKEPEACE WOOD, JR.
ELMER BERNARD WULF
WILLIAM BRADLEY ZEHNER
JAMES FRED ZEZULA
RICHARD LEE ZWEIG

Degrees Conferred in Chicago

COLLEGE OF DENTISTRY

Degree of Bachelor of Science in Dentistry

(Conferred December 18, 1948)

FRANCIS MARION FIERCE, JR., D.D.S., 1946
CHARLES WILLIAM KREML
MATTHEW MARVIN SAPOSNIK

(Conferred March 26, 1949)

RALPH DON COVEN

Degree of Doctor of Dental Surgery

(Conferred December 18, 1948)

MATTHEW MARVIN SAPOSNIK

(Conferred June 17, 1949)

GILBERT ERNEST ALPERT, B.S., 1946
THOMAS KING BARBER, B.S., Michigan State College, 1945, 1947
ROLLEY COFFEY BATEMAN, JR., A.B., State University of Iowa, 1945
KENNETH EUGENE BEACH, B.S., 1947 (Commissioned as Lieutenant, j.g., Dental Corps, U.S.N.R.)
WILLIAM WENLAND BELL, A.B., Lake Forest College, 1942; B.S., 1947
JOSEPH FREDRICK BURGH, JR., B.S., 1947
BALDEV CHOPRA, B.S., Forman Christian College, 1941; B.D.S., de-Montmorency College of Dentistry of Punjab University (India), 1945
EDGAR DEMAREST GIFFORD, A.B., DePauw University, 1940; B.S., 1947
HERBERT NATHANIEL HAZELKORN, B.S., 1943, 1947

BERNARD FREDRICK JURIST
HARRY LEVIN, B.S., 1947 (Commissioned as First Lieutenant, Dental Corps Reserve, A.U.S.)
DALE MARWOOD LIPE, B.S., 1947
SANTINA ROSE LITTURI
CARROLL STORDOCK MILLER, B.S., 1947
MARIE CHMIEL NOVAK, B.S., 1948
WALTER RAYMOND, B.S., 1947
MARSHALL RAYMOND ROZYNKOWICZ, B.S., 1947
ROBERT SALEM SALK, B.S., 1947
BAL RAJ SONDHI, B.D.S., deMontmorency College of Dentistry of Punjab University (India), 1946; M.S., 1948
VERYL ROY SORENSEN, B.S., 1947; with Honors
NICHOLAS ELWOOD TAPP, JR.
LIUDAS ZIBAS, B.S., 1948

COLLEGE OF MEDICINE

Degree of Bachelor of Science in Medical Technology

(Conferred December 18, 1948)

VLASTA MARIE MOTAL, A.B., Indiana University, 1947

Degree of Bachelor of Science in Medicine

(Conferred December 18, 1948)

ROBERT DAVIDSON BOWER, B.S., M.D., 1937, 1943
JAMES RICHARD COOPER
ORVILLE LLOYD DAWSON, B.S., University of Kansas, 1937
HARRY GARBER, B.S., Northwestern University, 1945
STERLING DAVIS GARRARD, M.D., 1945
WILLIAM HUNTER HARRIDGE, B.S., Northwestern University, 1946
HOWARD HAMILTON HARRIS, JR.
HARRY GLEN HARSHBARGER, B.S., 1941
CLYDE LAFAYETTE HENRY, A.B., Philander Smith College, 1941
WILLIAM ADDISON HUTCHISON, M.D., 1937
JOHN MATHIAS JACOBOWITZ, B.S., 1940
FRANK JOSEPH JIRKA, JR., A.B., Knox College, 1944
ELLIS DONALD JOHNSON, B.S., St. Augustine College, 1940
CLARA JULIA LEINBERGER
DAVID WALTER MACFARLANE
ROBERT KEITH NEWTON, JR., A.B., 1943
ROSEMARY ELINOR NIEMANN, A.B., MacMurray College, 1946
EDWARD WARREN PELIKAN
ISADORE PITESKY, B.S., University of Chicago, 1940
SHOLEM POSTEL, B.S., University of Chicago, 1945
NORMAN EMORY POWERS, B.S., Bradley Polytechnic Institute, 1946
MATTHEW BERNARD PRICE
THOMAS WALTER SAMUELS, JR.
KURT OTTO SCHLESINGER, B.S., 1941
HAROLD MARCUS SCHOOLMAN, B.S., 1944
BURT SIOKOS
SHERMAN HERMAN STRAUSS, B.S., Illinois Institute of Technology, 1945

(Conferred March 26, 1949)

ADAM ANTHONY HAJDUK
HOMER HARVEY HANSON, B.S., Southern Illinois University, 1946
ELLEVA JOSLYN, B.S., University of Chicago, 1938; A.M., Columbia University, 1939
JULIUS JOSEPH KOVATS, D.D.S., 1945
HOWARD LYNN KUHL, B.S., 1945
JAMES HOWARD LAMBERT, JR.
ALVIN JEROME LEEB, B.S., 1943
VIRGINIA LOUISE MORELAND, A.B., MacMurray College, 1942
IVAN CHARLES NEUBAUER, A.B., 1943
VALDO PETER OLEARI, B.S., Wheaton College, 1943
CHARLES ESTEL RAMSEY
PAUL WINSTON SHEFFLER, A.B., 1943
JAMES LAWRENCE STRUTHERS, B.S., Monmouth College, 1946

Degree of Bachelor of Science in Occupational Therapy

(Conferred June 17, 1949)

PHYLLIS BERGER
BETTY JANE BROTHERS
SHIRLEY EILEEN ESENTHER
LOIS LUNDEGARD HAUK
MARIAN JANET KEOUGHAN
HELEN KOEHLER KLOCKNER
MARY LOUISE PATRICIA ROBINSON
MABEL ALMA VAL DEZ
MARY ALTHEA WARNER
ALICE BEVERLEY WOOTERS

Degree of Doctor of Medicine

(Conferred June 17, 1949)

JOHN RICHARD ANDERSON, B.Ed., Chicago Teachers College, 1945; B.S., 1947
MARTIN ASCH, B.S., 1947
ANNA ERNESTENE BARNSTABLE, A.B., Lake Forest College, 1937
LILLIAN GOLDSTEIN BARSKY, B.S., 1947
FRANK CLIFFORD BENDER, with Honors
HERBERT EDWIN BESSINGER, B.S., M.S., 1945, 1948; with Honors
MORTON AARON BLUM, B.S., University of Michigan, 1945; B.S., 1947
JEANNE B. BLUMHAGEN, B.S., 1948
JOSEPH NAPOLEON BOURQUE
ROBERT TILDEN BRAMAN, B.S., 1947
MORTON BEN-ARI BRAMSON, B.S., 1947
JOSEPH THOMAS BRANIT, JR., with Honors
JOHN CHARLES BRAZOS, B.S., 1947
ERNEST REZON BROOKS, B.S., 1948
JAMES DEACY BROWN, JR., B.S., 1946
RAYMOND ALAN BROWN, B.S., 1947
ROBERT GERALD CANHAM, D.D.S., M.S., 1944, 1948; with Honors
MARIAN DORIS COHEN, B.S., 1947; with Honors
CHARLES DUANE COLLINS, B.S., University of South Dakota, 1947
JAMES ORVAL COURSEY, JR., B.S., 1946
WILLIAM DALESSANDRO, B.S., 1945
JAMES BIRNEY DIBBLE, B.S., 1947
LILLIAN JULIA DOERR, B.S., University of Chicago, 1942
JOHN DOUGLAS DOOLEY, B.S., 1945, 1947
JAMES CALVIN DOWELL, B.S., 1947
THEODORE GEORGE DRUGAS, B.S., 1947; with Honors
MARIE ELIZABETH DUGAS, B.S., 1947
FRANK ANTON FOLK, B.S., Northwestern University, 1945
EMIL J. FREIREICH, B.S., 1947; with Honors
ROBERT CORNELIUS FRUIN, B.S., 1947
HARRY GARBER, B.S., Northwestern University, 1945; B.S., 1948
ALVIN MAXWELL GETZ, B.S., 1947; with Honors
JOSEPH FRANCIS GIANNOLA, B.S., 1947
HOWARD WILLIAM GILLEN, B.S., 1947
MARGARET EMILY GILLER, B.S., 1947
CHARLES ALEXANDER GILPIN, JR., B.Ed., Southern Illinois University, 1942; B.S., 1947
EDWARD HELGI GOODMAN, B.S., University of North Dakota, 1947
HAROLD GOODMAN, B.S., 1947; with Honors
MARVIN GOREN, B.S., University of Chicago, 1944; B.S., 1948
SHELDON SEYMOUR GORSKY, B.S., 1947; with Honors
GEORGE HOWARD GOULD, B.S., 1947
DONALD LEROY GRIEME, B.S., 1947
HELEN IRENE GROVE, B.S., 1947
ROBERT WILLIAM HANSEN
SAM EDGAR HANZEL, B.S., 1947; with Honors
DELORES MARIE GOEPFERT HARDRÉ
ROBERT LEWIS HARE, B.S., 1947; with Honors
PAUL JOHN HARGES, B.S., University of Richmond, 1946
JOHN WINTHROP HASKIN, B.S., 1947
CAROLINE HALL HASS, B.S., Monmouth College, 1944
THOMAS WILLIAM HASS, B.S., 1947
MITCHELL HASSEN, B.Ed., Chicago Teachers College, 1945; B.S., 1947
JAMES KIRTLEY HILL, B.S., 1947
FRANK WAYNE HOLLINGER, B.S., 1947
WALTER LUCIUS HOWLAND, B.S., 1947 (Commissioned as First Lieutenant, Medical Corps, A.U.S. after completion of R.O.T.C. course)
DOROTHY HELEN HUBLER, B.S., 1936
RALPH FLETCHER HUDSON, B.S., 1947
SANFORD MYRON IZNER, B.S., Northwestern University, 1941; B.S., 1947; with Honors
GERALD WALTER JANKOWICZ, B.S., 1947; with Honors
ROBERT FREDERICK JEANS
MARY MOORE JOHNSON, B.S., Northwestern University, 1945
BERNARD KAFKA, B.S., 1947
PAUL KAHAN, B.S., Illinois Institute of Technology, 1944
ROBERT JAMES KAISER, B.S., 1947
ARNOLD HOWARD KAPLAN, B.S., 1947; with Honors
ERVIN KAPLAN, B.S., 1947
ROBERT HILER KASS, B.S., 1947
KEITH VERNE KING, B.S., 1947
BETTY JANE KIZER, B.S., 1947
DONALD MAURICE KOPPEL, B.S., 1947; with Honors
JOHN RICHARD KOSTELNY, B.S., 1947
RICHARD HERMAN KOSTERLITZ, B.S., 1947
JULIUS JOSEPH KOVATS, D.D.S., B.S., 1945, 1949
HOWARD WILSON LAGERQUIST, B.S., 1947
SEYMOUR SIDNEY LANGER, B.S., 1945
EDWARD HOWELL LANPHIER, B.S., University of Wisconsin, 1946

DOROTHY LILL LARSON, B.Ed., Southern Illinois University, 1942; M.S., University of Wisconsin, 1945
WILLIAM RICHARD LARSON, A.B., DePauw University, 1939
ELISABETH STERN LASSERS, B.S., 1947; with Honors
ROBERT LEEVACK, B.S., 1947
WILLIAM ABRAHAM LEONE, B.S., 1947
PAUL LEVY (Commissioned as First Lieutenant, Medical Corps, A.U.S. after completion of R.O.T.C. course)
MARVIN ARTHUR LEWIS, B.S., 1947
JACK GILBERT LUKENS, B.S., 1947
DONALD JAMES LULU, B.S., 1947
ROLAND AUGUSTINE MANFREDI, B.S., 1947
ROBERT LEE MARSKE, B.S., 1945
WALTER SAMUEL MASSANARI, B.S., 1947
CHARLES JEFFERS MCCAMMON, A.B., B.S., 1942, 1947; with Honors
RUTH HARTNELL MCCAMMON, B.S., University of Chicago, 1945
LESLIE THEODORE MCCLINTON, B.S., Monmouth College, 1941; with Honors
JAMES BENJAMIN MCCORMICK, B.S., University of Notre Dame, 1947; B.S., 1947
MILLARD FILMORE MCKEEL, III
ALBERT CHARLES MERKIN
ARTHUR LOUIS MESSINGER, JR., B.S., 1947
CAROL REHDER MEYER, B.S., Northwestern University, 1945
MORGAN MARION MEYER, B.S., 1947
ALICE BURNS MIJANOVICH, A.B., Ripon College, 1943
MLADEN MIJANOVICH
MARION DROGOMIN MIODUS, B.S., 1947
GERALD STOROE MODJESKA, B.S., 1947
PHILLIP JAMES MOORE, B.S., 1947
WILLIAM SHERMAN MORROW, B.S., 1947
WILLIAM MARTIN MOSS, B.S., Bucknell University, 1946
DAVID WARREN MURRELL, with Honors
ROBERT EUGENE MYERS, B.S., 1947
ICHIRO NADAMOTO, A.B., University of Hawaii, 1943; B.S., University of North Dakota, 1947
RAYMOND F. NADAR, B.S., 1947
JOHN OTTO NELSON, B.S., 1947
MUTSUMI NOBE, Ph.C., B.S., University of Southern California, 1929, 1931; M.S., 1944
FRANK BRIGHT NORDSTROM
VIRGINIA MARIE NORRELL, A.B., Texas State College for Women, 1939; B.S., 1947
ALBERT JOHN NOVOTNY, with Honors
EDWIN ERIC NYMAN, B.S., 1947
STANLEY JOHN OPALINSKI, B.S., 1947
AUGUSTO ORTIZ, B.S., University of Puerto Rico, 1939
MILTON MERRELE OSTROFF, A.B., University of West Virginia, 1946; B.S., 1946
WILLIAM OYEN, B.S., 1947
EDWARD ROY PERL, B.S., 1947
GERALD PERMAN, B.S., 1947
LEO PEVSNER, B.Mus., Chicago Musical College, 1932; B.S., 1947
MORTON PINSKY, B.S., 1947
VIRGINIA PLOUGHE, B.S., 1947
EDMUND JOSEPH PROROK, B.S., 1947
FRANKLIN NEAL ROEMHILD, B.S., M.S., 1946, 1947; with Honors
EUGENE A. ROSENBERGER, B.S., 1947 (Commissioned as First Lieutenant, Medical Corps, A.U.S. after completion of R.O.T.C. course)
ROBERT EARL ROTH, B.S., 1947
JEROME ROWITCH, B.S., 1947
RALPH RICHARD RUTHENBERG, B.S., 1941
INÉS MARÍA HERNÁNDEZ SANTOS, A.B., University of Puerto Rico, 1942; with Honors
PHYLLIS ANNE SAXON
VERNON CLIFFORD SCANDRETT, B.S., 1947
JOHN HOWARD SCHNEEWIND, B.S., 1947
RALPH EUGENE SEWARD
EMANUEL SILVER, B.S., University of Pittsburgh, 1942; B.S., 1947
MYRL DAVID SIMS, B.S., 1947
BERKELEY SLUTZKER, B.S., University of Missouri, 1947 (Commissioned as First Lieutenant, Medical Corps, A.U.S. after completion of R.O.T.C. course)
CLIFFORD WALTER SMITH
JOHN LESLIE STEPHENSON, B.S., Harvard College, 1943
RUDOLPH BUKOVSKY STEVENS, B.S., 1947
IRVIN COMMER SUSMAN, B.S., 1946
ALFRED VICTOR SWANBERG, JR., B.S., University of North Dakota, 1947
RALPH HYMAN SWERDLOW, B.S., 1947; with Honors
NORMAN DONALD TABACHNICK, B.S., 1947
ALAN MACK TAYLOR, A.B., Wabash College, 1945

PATRICIA PENDILL TESCHAN, A.B., Vassar College, 1945; B.S., University of Minnesota, 1947
DANIEL DOUGLAS THOMAS, B.S., 1947
PAUL HARVEY TOLPIN, B.S., 1947
VERNON GEORGE VERNIER, B.S., 1947
RUFUS JAMES WALKER, B.S., M.S., 1946, 1947
MARK WATSON, B.S., 1947
MARVIN ARTHUR WEISS, B.S., 1947
DAVID ROBIE WELSH, B.S., 1947
FRED WAITE WHITEHOUSE, B.S., 1947
MICHAEL ANGELO ZAMPOGNA, B.S., 1947
AUSTIN BURT ZEITLIN, B.S., University of Oregon, 1947
SHELDON ZINN (Commissioned as First Lieutenant, Medical Corps, A.U.S. after completion of R.O.T.C. course)
ROBERT STANLEY ZULLO, B.S., 1947

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy

(Conferred March 26, 1949)

CHARLES SANDS

(Conferred June 17, 1949)

PETER GERALD AMACHER
JOHN BAGEL
GAYLE BERNARD BANTNER
EDMUND PAUL BARKAUSKAS
HERBERT IRWIN BAROV
RINATO JOHN BERNARDINI
JOHN JOSEPH BOCCIO
JEROME PAUL BOROVIK
MARSHALL DILLON BROOKE
EDWIN JAMES CASEY
JANET LOUISE CORGAN
ALICE C. DALY
WILLIAM ELSING DECKER
JULIAN MICHAEL DEL VESCO
MARY LIGUORI ERTEL
ANDRIA FERRARA
FRANK FERRARA
RAYMOND A. FOERSTER
ROSE KEY FREEMAN, B.S., Lane College, 1945
WILLIAM ROBERT GARRITY
ELAINE MADALEN GIANAS, with Honors
ALYCE ANN GODSHALL, with Honors
MARVIN JEROME GOLDBERG
HOWARD ROGER GOLDSMITH
LOREN BROOKS HALL, B.S., Illinois Wesleyan University, 1939
JOHN JAMES HANKEY
THADDEUS MARION HETMAN
LESLIE WILLIAM HILSENHOFF
FRANK JOSEPH HOSTICKA
IVAN DELOS JOHNSON
GERALD DEAN KELDER
ALEX KENDL
RICHARD MILLS KLASSEN
CHARLES ROY KOPECKY
ARNOLD STANLEY KOWALSKI, Ph.C., 1933
EDWARD ALBERT KSIAZEK
HAROLD JOSEPH LEDERMAN
HOWARD EUGENE LENSE
ROBERT LEE LOGSDON
ALFRED MARK LOLLI
FRANCIS ANTHONY LOSIECZKA
ROBERT M. LUCARELLI
BUD EDWARD MARTIN
MARY ELLEN MARTIN
WILLIAM MICHAEL MASKOWSKI
JAMES LEE MCELHANEY
EARL CLAYTON OWENS
FRANCIS ELMER PANKAU
RITA MARY PATKA
FRED ESIPOVICH PEARCE
MARY ANN PETERSEN
KENNETH AXEL PETERSON
PAUL HENRY POHLMAN
MELVIN DAVID POLLOCK
EUGENE GORDON PRESS
RAYMOND LAWRENCE PRICE
ALLAN MAURICE RAFF
GEORGE WILLIAM PARIS ROSE
VIRGINIA RISVOLD ROSENBERGER
JULIUS SAMUEL ROTTMAN
SAMUEL RUBNICH
LOUIS RUFF
VIRGINIA HELEN RUSZEL
RUBIN SAPOSNIK
WALTER JENS SAUERBERG
HARRY WILLIAM SCHMIDT
JOHN RAYMOND SCHURMAN
MARVIN SCHWAB
LODIK SHEMERDIAK
CHARLES DAVID SINCLAIR
VERNE KRUEGER SMALLWOOD
ROBERT STANLEY SNIEGOWSKI
JEROME JERRY STEIN
STANLEY JOSEPH STEPNIK
LEO JOHN STYZEN
PATRICIA SUDAR, with Honors
HELENA D. S. SUEN, Ph.C., Franco-Chinese University, 1946
GEORGE CHARLES UEHRKE, JR.
EDWARD JOSEPH WALASZEK
PHILIP STANLEY WALSH
WILLIAM WARNER
JACK BERNARD WILLIAMS
HARRY KENNETH WILSON
JOHN KOSINER WUNSCH
RAYMOND AUGUST YOS
JOSEPH W. ZDENEK

GRADUATE COLLEGE

Degree of Doctor of Philosophy

(Conferred June 17, 1949)

In Bacteriology

CAROLYN WEBSTER HAMMOND, B.S., Knox College, 1925; A.M., University of Minnesota, 1933
SEYMOUR LEVINE, B.S., University of Chicago, 1943; M.S., 1945

In Pharmacognosy

MELVIN ROY GIBSON, B.S., M.S., University of Nebraska, 1942, 1947

In Pharmacology

KAZUO KAY KIMURA, B.S., University of Washington, 1942; M.S., University of Nebraska, 1944

In Surgery

STEPHEN JOHN CHESS, B.S., M.S., M.D., Marquette University, 1937, 1941, 1942

Degree of Master of Science

(Conferred December 18, 1948)

In Applied Materia Medica and Therapeutics

MARVIN JACOBSON, B.S., D.D.S., 1942, 1946

In Bacteriology

JOHN BARFOOT MACDONALD, D.D.S., University of Toronto, 1942

In Biological Chemistry

MAX KRUP, B.S., Illinois Institute of Technology, 1943
HUGH MEDILL MILLEN, Ph.B., Northwestern University, 1947

In Chemistry

RICHARD DAVID COLEMAN, B.S., 1944
ANDREW LASSLO
JACOB STEPHEN RODIE, B.S., Loyola University, 1947
JOSEPH ALBAN TURSICH, B.S., Loyola University, 1943

In Dental Histology

SAUL SIGMUND STAHL, D.D.S., University of Minnesota, 1947

In Medicine

LUKE JAMES GRIMELLI, M.D., Loyola University, 1945
SOPHIE JANINA PRESLEY, B.S., M.D., 1948, 1945

In Orthodontia

ALTON WALLACE MOORE, B.S., D.D.S., University of California, 1941
AARON SCHAEFFER, A.B., Western Maryland College, 1939; D.D.S., University of Maryland, 1947
GUY ALDEN WOODS, JR., D.D.S., Northwestern University, 1945

In Pediatrics

KURT GLASER, M.D., University of Lausanne (Switzerland), 1939

In Pharmacognosy

JOSÉ MENDEZ DE LA VEGA, Ph.C., University of San Carlos, 1947

In Pharmacology

CLEMENT ADDISON STONE, B.S., University of Nebraska, 1946
JOHN F. POLLI, B.S., Central Y.M.C.A. College, 1942
JESUS SANTOS-MARTINEZ, B.S., University of Puerto Rico, 1946

In Physiology

RICHARD OWEN BURNS, JR., B.S., University of Notre Dame, 1948

In Physiology (Clinical Science)

KUN JEN WANG, B.S., Peiping National Teachers College, 1934

In Surgery

WILLIAM JOHNSON GROVE, B.S., M.D., 1942, 1943
HUSHANG JAVID, M.D., 1946

(Conferred June 17, 1949)

In Anatomy

ERNEST LLOYD DUBRUL, D.D.S., New York University, 1937

In Bacteriology

ARTHUR VICTOR BOAND, JR., B.S., Trinity University, 1947
EUGENE MAURICE BRITT, A.B., Valparaiso University, 1947
MILTON GOLDIN, A.B., Brooklyn College, 1938
ROBERT JACK HANSON, A.B., Valparaiso University, 1948
ETHEL THERESE HARKNESS, B.S., Wheaton College, 1947
LEON JOSEPH LEBEAU, B.S., 1947
MADELYNE ODETTA MCDONALD, A.B., Marshall College, 1942; B.S., 1947
ELIZABETH LOUISE SPAETH, A.B., Mills College, 1942

In Biological Chemistry

NATHALIE FOWLER, B.S., University of Chicago, 1945
GEORGE RYOJI NAKAMURA, B.S., Adrian College, 1944

In Dental Histology

THOMAS KING BARBER, B.S., Michigan State College, 1945; B.S., 1947
RONALD DOUGLAS EMSLIE, B.D.S., University of London, 1942
JOSEPH LOUIS HENRY, D.D.S., Howard University, 1946; B.S., Xavier University, 1948
HAROLD GREGORY RAY, D.D.S., Northwestern University, 1926
MAX WEINREB, D.D.S., University of Beyrouth (Lebanon), 1947

In Medicine

SAUL PHILIP BRALOW, B.S., Pennsylvania State College, 1942; M.D., Temple University, 1945
IRWIN ROBERT CALLEN, B.S., M.D., 1941, 1943
MELVIN M. CHERTACK, B.S., M.D., 1944, 1946
DANIEL MARSHALL, B.S., M.D., Northwestern University, 1944, 1947
KAMBI SIDDARAMAPPA SHADAKSHARAPPA, B.S., M.B.B.S., University of Mysore (India), 1933, 1940

In Orthodontia

ROBERT MYRON KINCAID, A.B., Denison University, 1935; A.M., D.D.S., Ohio State University, 1938, 1944
ELBERT WATSON KING, JR., D.D.S., Loyola University, 1944

In Pathology

JAMES DEACY BROWN, JR., B.S., 1946
JANE DAVIS COBB, A.B., Knox College, 1945

In Pedodontia

KISHORE CHAND, B.D.S., deMontmorency College of Dentistry of Punjab University (India), 1943
BALDEV CHOPRA, B.S., Forman Christian College (India), 1941; B.D.S., deMontmorency College of Dentistry of Punjab University (India), 1945

In Pharmaceutical Chemistry

SITARAMAN KUNJITHAPADAM, B.S., University of Madras (India), 1944; B.S., 1948
DASU RAMASWAMI, B.S., University of Madras (India), 1942

In Pharmacognosy

THEODORE MEYER BRODY, B.S., Rutgers University, 1943

In Pharmacology

ARNOLD HOWARD KAPLAN, B.S., 1947
EDWARD HOWELL LANPHIER, B.S., University of Wisconsin, 1946

In Pharmacy

DOUGLAS JOHN STEWART, B.S., University of Saskatchewan, 1947

In Physiology

EDWARD WILLIAM HAWTHORNE, JR., B.S., M.D., Howard University, 1941, 1946
ERVIN KAPLAN, B.S., 1947
JAMES PATRICK KIELY, B.S., M.D., 1945, 1947
LIONEL SCHOUR, B.S., 1947
JOHN JOSEPH SCHWAB, B.S., University of Kentucky, 1947; M.D., University of Louisville, 1946

In Physiology (Clinical Science)

FRAMROZ PIROJSHAW ANTIA, B.S., B.M., M.D., University of Bombay (India), 1938, 1942, 1945
DAVID CLEGHORN FAINER, A.B., M.D., University of California, 1944, 1947
HENRY DAVID JANOWITZ, A.B., M.D., Columbia University, 1935, 1939
KWANG SUH KIM, M.D., Seoul National University (Korea), 1947

In Surgery

HARMS WILMER BLOEMERS, A.B., Hope College, 1931; M.D., University of Chicago, 1937
GEORGE DAVID LAVERS, A.B., M.D., University of Alberta, 1940, 1943

STUDENT AND STAFF APARTMENTS—SECOND SIX-STORY BUILDING

SCHEDULE A

ESTIMATED CAPITAL COSTS (95 UNITS)

Item	*Amount*
Movable Equipment	$ 33 000
Administrative Costs	23 000
Architectural Costs	34 200
Building Construction:	
General Work	682 000
Electrical	51 000
Plumbing	107 000
Heating	71 000
Ventilating	5 000
Elevators	20 000
Building Services	30 000
Fixed Equipment	70 000
Grading and Landscaping	4 000
	$1 130 200
Contingency	21 800
Total Capital Cost	$1 152 000

SCHEDULE B

Annual Operating Budget (95 Units)

Income:	Amount
Gross rentals	$79 920[1]
Vacancy loss (3%)	2 400[2]
Net Annual Rental	77 520
Expenses:[3]	
Wages	4 323
Operating supplies	432
Utilities	6 775
Insurance	806
Miscellaneous	1 000
Elevator maintenance and power	750
Building maintenance	5 704
Furnishing maintenance	2 392
Grounds maintenance	434
Total Expenses	$22 616
Net Annual Amount Available for Debt Service	$54 904

FIVE-YEAR CURRICULUM IN ARCHITECTURE

For the Degree of Bachelor of Architecture

(To be inaugurated for students entering as freshmen in September, 1949)

I. Summary by Principal Subjects

	General Option	*Engineering Option*
Basic Subjects:		
Physical Education, Hygiene, and Military Science	10	10
Rhetoric	6	6
Mathematics	9	15
Physics	9	9
General Education[4]	19	16
History of Architecture	11	11
Total Basic Subjects	64	67
Technical Subjects:		
Architectural Projections	4	4
Freehand Drawing and Modeling	14	12
Theory of Architecture	2	2
Basic Design	3	3
Architectural Design	36	22
Materials and Methods of Construction	10	10
Equipment of Buildings	9	9
Theoretical and Applied Mechanics	6	9
Structural Theory and Design	12	25
Architectural Practice	2	2
City Planning	3	..
Total Technical Subjects	101	98
Total Hours for Graduation	165	165

[1] Gross rental based on the following rates a month: 5 sleeping rooms with bath, $55.00; 66 zero bedroom apartments, $65.00; 3 one bedroom apartments, $85.00; 20 one bedroom apartments with dining alcove, $87.50; and 1 one bedroom apartment with dinette, $90.00.

[2] Deduct.

[3] Management expense included in general University administrative expense.

[4] The general education electives are to be divided between the humanities, social sciences, and biological sciences.

II. SCHEDULE OF COURSES

First Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
G.E.D. 107—Architectural Projections	2	G.E.D. 108—Architectural Projections	2
Art 181—Freehand Drawing	2	Art 182—Freehand Drawing	2
Rhet. 101—Rhetoric and Composition	3	Rhet. 102—Rhetoric and Composition	3
Math. 117—Combined Mathematics	5	Math. 127—Combined Mathematics	4
Hygiene 102 or 105—Hygiene	2	Arch. 101—Basic Design[1]	3
Physical Education	1	Physical Education	1
Military Science (for Men)	1	Military Science (for Men)	1
Total	16	*Total*	16

Second Year

Arch. 131—Architectural Design	3	Arch. 132—Architectural Design	3
Art 183—Freehand Drawing	2	Art 184—Freehand Drawing	2
Arch. 143—Materials and Methods of Construction[2]	2	Arch. 144—Materials and Methods of Construction[2]	2
Physics 101—General Physics	5	Arch. 113—History of Ancient Architecture	2
General Option:		*General Option:*	
Elective	3	T.A.M. 171—Elementary Mechanics	3
Engineering Option:		Elective	3
Math. 137—Differential Calculus	3	*Engineering Option:*	
Physical Education	1	Math. 147—Integral Calculus	3
Military Science (for Men)	1	T.A.M. 150—Analytical Mechanics	2
		Physical Education	1
		Military Science (for Men)	1
Total	17	*Total, General Option*	17
		Total, Engineering Option	16

Third Year

Arch. 133—Architectural Design	3	Arch. 134—Architectural Design	3
Art 281—Freehand Drawing	2	Art 282—Freehand Drawing	2
Arch. 243—Materials and Methods of Construction[2]	2	Arch. 244—Materials and Methods of Construction[1]	2
Arch. 214—History of Medieval Architecture[2]	3	Arch. 215—History of Renaissance Architecture[2]	3
Sociol. 276—Urban Sociology	3	Physics—Light, Magnetism, and Electricity[1]	4
General Option:		Arch. 245—Structural Elements	3
T.A.M. 172—Strength of Materials	3		
Engineering Option:			
T.A.M. 221—Resistance of Materials	3		
T.A.M. 223—Resistance of Materials Laboratory	1		
Total, General Option	16	*Total*	17
Total, Engineering Option	17		

[1] New course.
[2] Present course with new credit.

Fourth Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Arch. 235—Architectural Design	5	Arch. 236—Architectural Design	5
Arch. 246—Theory of Structural Design	3	Arch. 345—Structural Design[1]	3
Arch. 265—Theory of Architecture	2	Arch. 344—Working Drawings[1]	2
Arch. 216—Modern Architecture[2]	3	M.E. 252—Mechanical Equipment of Buildings	4
Electives	3	*General Option:* L.A.—City Planning[1]	3
		Engineering Option: Electives	3
Total	16	*Total*	17

Fifth Year

General Option

Arch. 337—Architectural Design	7	Arch. 338—Architectural Design	7
Arch. 257—Reinforced Concrete Theory	3	Arch. 283—Architectural Practice	2
Arch. 256—Sanitation	2	E.E. 114—Wiring and Illumination	3
Art 150—Modeling	2	Electives	4
Electives	3		
Total	17	*Total*	16

Engineering Option

Arch. 257—Reinforced Concrete Theory	3	Arch. 358—Reinforced Concrete Design	3
Arch. 347—Theory of Structures	5	Arch. 348—Advanced Structures	5
Arch. 256—Sanitation	2	E.E. 114—Wiring and Illumination	3
T.A.M. 211—Analytical Mechanics	3	Arch. 283—Architectural Practice	2
Electives	4	Electives	3
Total	17	*Total*	16

PURCHASES

A. Purchases Authorized

The following purchases were authorized by the Executive Committee of the Board of Trustees and in one case by the President of the University. The purchase in each case was made on the basis of the lowest bid.

Item	*Department*	*Vendor*	*Cost*
2,000 copies *Mass Communications* to be printed and bound	University Press	Kingsport Press, Inc., Chicago	$2 640 00 f.o.b. Kingsport, Tenn.
1,000 copies Autobiography of David Kinley to be printed and bound	University Press	American Book-Stratford Press, Inc., New York City	1 345 00 f.o.b. Urbana
Three oil burning forced circulation warm air furnaces, furnishing 165,000 B.T.U.'s each	Institute of Aviation	Sears, Roebuck & Co., Chicago	1 139 55 f.o.b. Savoy
800 tablet arm chairs (for classroom purposes)	Physical Plant	Miller School & Office Supply, Hammond, Ind.	6 896 00 installed

[1] New course.
[2] Present course with new credit.

Item	*Department*	*Vendor*	*Cost*
One lot laboratory chemicals for instructional purposes during the summer of 1949 and the first semester of 1949-1950	General Chemical Stores	A. S. LaPine & Co., Chicago	4 873 60
		Merck & Co., Rahway, N.J.	1 441 98
		Mallinckrodt Chemical Works, St. Louis	1 403 82
		J. T. Baker Chemical Co., Phillipsburg, N.J.	781 62
		E. H. Sargent & Co., Chicago	670 40
		Schaar & Co., Chicago	605 97
		Rascher & Betzold, Inc., Chicago	605 22
		A. Daigger & Co., Chicago	365 14
		General Chemical Co., Chicago	259 39
		Wilkens-Anderson Co., Chicago	220 06
Supply material and fabricate air duct assembly for 300 mev betatron as per Allis-Chalmers drawings	Physics	Hayes Scientific Appliances, Urbana	1 675 00

B. Purchases Recommended

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

Item	*Department*	*Vendor*	*Cost*
One No. 2000 National payroll and distribution machine	Physical Plant	National Cash Register Co., Danville	5 213 75
One Angus bull	Animal Science	Professors R. R. Snapp and F. C. Francis to negotiate for the purchase	2 500 00 (approximately)
50,000 lbs. 25x38 70 lb. coated offset book paper	Office Supply Store	Bradner Smith & Co., Chicago	6 725 00
20 exit devices and associated hardware for the Armory; 16 ditto for Huff Gymnasium	Physical Plant Storeroom	H. Channon Co., Chicago	2 536 56 f.o.b. delivered to Physical Plant Storeroom
22 steel work benches; 30 steel stools	Ceramic Engineering	W. B. Read & Co., Bloomington	1 458 39
800 copies *Reception of Calvinistic Thought in England* by C. D. Cremeans; 600 copies *The Legend of Noah* by D. C. Allen; 800 copies *Species-Area Curves and Equivalent Areas for Different Vegetation* by A. G. Vestal	University Press	R. R. Donnelley & Sons Co., Chicago	5 800 00
One lot Kimble laboratory glassware to be used as stock in the General Chemical Stores for the summer and fall terms of 1949	General Chemical Stores	A. Daigger & Co., Chicago	17 942 98
55,000 gallons 80-octane aviation gasoline; 35,000 gallons 91-octane aviation gasoline	Institute of Aviation	Shell Oil Co., Chicago	17 790 65
10 exit devices and associated hardware for Lincoln Hall	Physical Plant Storeroom	H. Channon Co., Chicago	1 068 92
One lot laboratory apparatus to be used as stock for the summer and fall terms of 1949	General Chemical Stores	A. S. LaPine & Co., Chicago	4 038 75
		Fisher Scientific Co., St. Louis	1 524 04
		Schaar & Co., Chicago	1 325 15
		E. H. Sargent & Co., Chicago	1 125 85
		A. Daigger & Co., Chicago	882 28
		Wilkens-Anderson Co., Chicago	823 61
		Rascher & Betzold, Inc., Chicago	482 05
		Chicago Apparatus Co.	381 34
19 black and white sound-motion picture films, 16mm.; 2 color sound-motion picture films, 16 mm.	Visual Aids Service	Encyclopaedia Britannica Films, Inc., Wilmette	1 119 96 f.o.b. Urbana
190 cages and racks for laboratory animals, assorted sizes, according to specifications	Animal Hospital	A. S. Aloe Co., Chicago	2 124 84

Item	*Department*	*Vendor*	*Cost*
One 5′ Harvester combine with auxiliary motor and complete set of screens for combining of grain, beans, grass, and legume seed; to be with rubber tires	Agricultural Administration (Dixon Springs Experiment Station 6)	Cecil Broadway, Golconda	1 201 39 f.o.b. Moline
One 36″x36″x48″ electric dumbwaiter installation in Allerton House	Robert Allerton Park	Sedgwick Machine Works, Chicago	1 857 00 f.o.b. Monticello
Fire and extended coverage insurance including unearned premium insurance in the amount of $200,000 on a monthly reporting form basis effective July 29, 1949, for one year, on the contents of the Illini Union Bookstore, Champaign	Illini Union Bookstore	Warren Montgomery, Urbana (Agent for the Glen Falls Fire Insurance Co.)	2 004 00
Aviation liability insurance on a monthly reporting form basis effective July 1, 1949, for one year, providing bodily injury limits of $50,000 a person, $250,000 an accident and property damage limits of $50,000 an accident, covering aircraft owned, leased, and operated by the University both on and off its premises		R. Hill Carruth, Chicago (Agent for the United States Aircraft Insurance Group)	2 125 00 (estimate)
65 head good grade yearling feeder heifers	Animal Science	To be selected by Professors R. R. Snapp or F. C. Francis about October 15, 1949	8 000 00 (approximately)
Adaptation of SNJ Link trainer with additional equipment to provide automatic simulation of final approach landing, including instruments to be used by the pilot in performing approach and landings as per Link Aviation, Inc.	Psychology	Link Aviation, Inc., Binghamton, N.Y.	20 500 00
250,000 gallons No. 1 fuel oil for the heating system at Parade Ground Area during the season 1949-1950	Residence Halls	Pana Refining Co., Pana	26 851 50
80,000 gallons (approximately) regular gasoline to be delivered by transport truck as required during period July 1, 1949, to December 31, 1949	Physical Plant	Johnson Oil Refining Co., Urbana	13 000 00 (approximately)
500 pedestal type sand urns	Physical Plant	W. B. Read Co., Bloomington	2 840 70
One 7′ grand piano with ebony finish	Physical Plant	Mendel Riley, Champaign	2 727 00
10,000 reams 8⅜″x10⅞″ 16 lb. substance No. 4 sulphite mimeograph paper	Office Supply Store	Duffey Paper Co., Rock Island	4 600 00
200 reams 22x34 40 lb. 100 per cent rag bond, white, opaqued; 48 reams 22x34 32 lb. 100 per cent rag bond, white, opaqued, all to be watermarked with U. of I. seal, not localized	Office Supply Store	Dwight Brothers Paper Co., Chicago	3 217 66
150 tons rock phosphate 30 per cent P_2O_5 in multi-wall paper bags	Agricultural Administration	Schrock Brothers, Congerville	2 409 00 f.o.b. Robbs
330 screens to replace existing screens at Busey-Evans Hall	Residence Halls	Arthur Krebs & Co., Springfield	2 574 00 installed
600 30″x75″ innerspring mattresses to be built from 600 used felt mattresses, for use in Parade Ground dormitories	Residence Halls	Champaign Mattress Factory, Champaign	4 740 00
Hospital ward furniture for the surgery ward in the Research and Educational Hospitals	Research and Educational Hospitals, Administration	Hospital Equipment Co., Evanston	9 466 02 delivered
30 adult foot pump dental chairs, clinic type with simplified headrest and formfitting leather covered seat, ivory tan finish	Dental Clinics	Ritter Co., Inc., Rochester, N.Y.	13 578 75 f.o.b. delivered and installed

Item	*Department*	*Vendor*	*Cost*
One coordinate microcomparator, 100 mm. stage reaching to .001 mm. cross motion to 0.1 mm. with rotable stage reaching to one minute	Chemistry	David W. Mann Co., Lincoln, Mass.	1 950 00
Complete portable electrocardiograph-stethograph with one pulse recorder and mobile mahogany table	Medicine	Cambridge Instrument Co., Inc., Grand Central Terminal, New York City	1 173 00 f.o.b. Ossining, N.Y.
One used six-channel Grass electroencephalograph complete with amplifier and ink-writers, in perfect working order	Psychiatry	Warren S. McCulloch, Chicago	1 400 00 f.o.b. delivered
63 16 mm. black and white sound-motion picture films; three 16 mm. color sound-motion picture films	Visual Aids Service	Coronet Instructional Films, Inc., Chicago	3 150 00
One tractor with fluid fill tires for use at the Dixon Springs Experiment Station, to replace a 1943 tractor which is to be sold	Agricultural Administration	Dana Hudelson, Inc., Champaign	1 300 00 delivered for a Ford tractor
One dynamometer, 50 hp, 2,000 r.p.m. to 4,000 r.p.m., 250 volt, complete with instrument panel	Agricultural Engineering	Mid-West Dynamometer & Engineering Co., River Grove	1 581 00
Resurface Ceramics Building parking lot and service drive with 2" asphalt, bituminous concrete	Physical Plant	Champaign Asphalt Co., Champaign	1 890 00
Construction of small storage rooms in northeast corner of Room 4, Horticulture Field Laboratory	Horticulture	Cork Insulating Co., Chicago	1 150 00
Entire requirements of photoengraving for the year ending June 30, 1950	University Press	G. R. Grubb & Co., Champaign	15 000 00 (approximately)
¼" flexboard in following sizes: 200 33"x39"; 86 33"x44"; 170 25"x38"; 6 30"x46"; 290 32"x40"; to be used as stoveboards in temporary housing to comply with fire regulations	Physical Plant	Roofing & Insulation Supply Co., Champaign	1 718 16
Two Leitz research microscopes, ortholux, with objectives 8 mm., 4 mm., 2 mm. oil immersion, less oculars; less trade in, one Gaertner goniometer eyepiece, M-205	Physics	W. H. Kessel & Co., Chicago	2 952 00
One research microscope, "L" body, "R" type stage, apochromatic objectives 16-8-4 mm., 2 mm. oil immersion, eyepieces compensating 5 x, 10 x, 15 x, and 20 x, with N.A. 1.30 condenser complete with case	Physics	E. H. Sargent & Co., Chicago	1 172 00 on the basis of best delivery
One research microscope, with built-in mechanical "R" stage, binocular body, triple nosepiece, achromatic condenser, objectives 8 mm., 4 mm., 2 mm. oil immersion with compensating oculars 5 x, 10 x, 15 x, 20 x, complete with case	Physics	A. Daigger & Co., Chicago	1 192 00 on the basis of best delivery
101 drop leaf extension tables; 404 chairs with slip seats covered with Duran	Physical Plant	Educational & Institutional Cooperative Service, Inc., New York City	8 322 00
72 combination sofa beds	Physical Plant	Cohen Furniture Co., Peoria	11 487 40
31 chemical fume hoods	Physical Plant	Walrus Manufacturing Co., Decatur	10 170 40
200 (approximately) uniforms for ground forces R.O.T.C. advanced students for the school year 1949-1950	Military	Associated Military Stores, Chicago	14 330 00
Two Cessna 140 (90 hp) metal wing airplanes, to replace a Cessna 120 having over 2,000 flight hours and a damaged plane, purchased in July, 1946	Institute of Aviation	M. D. Walston, East Alton	6 761 00

Item	*Department*	*Vendor*	*Cost*
4,000 bd. ft. 1¼" B and better Northern White Pine, rough kiln dried, 6" and wider, 10'-0" to 16'-0" long; 5,000 bd. ft. 1" B and better Northern White Pine, rough kiln dried, random widths, 12'-0" to 16'-0" long	Physical Plant	Rietz Lumber Co., Chicago	2 678 00
32 standard, 11" typewriters, distributed equally between Royals and Remingtons	Business Organization and Operation	Maginn Office Equipment Co., Champaign (16 Royals)	1 628 00
		Engelhardt-Shay Typewriter Co., Champaign (16 Remingtons)	1 596 00

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED MAY 11 TO JUNE 10, 1949

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
Veterans Administration	Special course for V.A. medical librarians (Contract No. V1001M-644)	$ 60 00 a student	March 7, 1949
War Department, Quartermaster Corps	Contract No. W11-183-QM-5-1000	150 00	January 5, 1949

With Whom	*Purpose*	*Amount to be Paid by the University*	*Date*
Wilson & Anderson	Engineering services for a biological water supply system for the Vivarium Building	$1 530 00	April 21, 1949
E. P. Allison & Co.	Lighting controls in the 909 building in Chicago	787 00	April 30, 1949
Industrial Maintenance, Inc.	Waterproofing coal silo	625 00	April 30, 1949

Change Orders for Cost-Plus Contracts Under Standing Contracts of July 1, 1948

With Whom	*Purpose*	*Amount*
Lewis S. Colbert	Twenty-three change orders	$6 899 42
Reliable Plumbing and Heating Company	Twelve change orders	9 157 31
Schroeder's	Ten change orders	1 664 93
Square Deal Electric Company	Twelve change orders	9 997 58

REAPPROPRIATION OF UNEXPENDED BALANCES AT JUNE 30, 1949

(Reappropriated for Sixty Days)

Urbana-Champaign Departments

Auditing Division special equipment	$ 890
Legal Counsel	335
Dean of Students special equipment	150
Dean of Men	107
Dean of Women residence halls	448
Bureau of Institutional Research	913
Tabulating special equipment	747
University History	6 000
Offset press	20 000
Public Information	155
David Kinley Autobiography	2 000
Bacteriology	78
Bacteriology special equipment	2 356
Botany	38
Botany special equipment	2 278
Botany special equipment—cytogenetics	12 699
Chemistry	5 906
Chemistry special equipment	11 153
English	420

Entomology	300
French	128
Division of General Studies	65
Geography	956
Geology	5 890
Geology special equipment	5 544
Political Science	55
Psychology special equipment	1 936
Sociology and Anthropology special equipment	250
Speech special equipment	3 918
Temperature and humidity cases	200
Zoology and Physiology	3 115
Natural History Museum special equipment	1 924
Light horse program	7 188
Dixon Springs Experiment Station	6 096
Food Technology station	9 653
Aeronautical special equipment	9 455
Ceramics college special equipment	18 652
Civil college special equipment	10 161
Electrical college	2 168
Electrical college special equipment	5 524
Electrical special salaries and equipment	3 616
General Engineering Drawing	494
General Engineering Drawing special equipment	3 695
Mechanical college	170
Mechanical college special equipment	83 368
Physics college	1 506
Physics special expenses and equipment	13 933
Theoretical and Applied Mechanics college special equipment	1 890
Ceramics station	205
Civil station	4 000
Civil station special equipment	2 079
Measurement program	4 693
Mechanical station	686
Physical environment research	9 602
Physics station	795
Theoretical and Applied Mechanical station special equipment	2 130
Illinois Historical Survey	612
Illinois Studies	9 794
Scholarly publications	17 000
Special graduate research for botany—Emerson	1 053
General research for botany—Rhoades	2 495
Commerce administration	7 879
Commerce special equipment	3 828
Home Economics Education	247
University High School modernization	689
University High School special equipment	2 724
Bureau of Research and Service general	93
Architecture	1 470
Architecture special equipment	1 427
Art special equipment	6 114
Bureau of Community Planning	222
School of Music	3 000
Veterinary Medicine administration	752
Veterinary Medicine Pathology and Hygiene	254
Veterinary Medicine special equipment	1 932
Journalism	145
Institute of Communications Research	2 357
Institute of Labor and Industrial Relations	4 566
Institute of Labor and Industrial Relations special equipment	56
Physical Plant equipment	11 467
Renewals and replacements	130 689
Minor building remodeling	14 739

Airport temporary buildings	26 153
Robert Allerton Park remodeling and equipment	38 317
Temporary receiving station	22 000
Total, Urbana-Champaign Departments	(604 787)

CHICAGO PROFESSIONAL COLLEGES

Public Information	103
Nonacademic Personnel	80
Research and Educational Hospitals	11 505
Physical Plant	56 355
Medical betatron	29 580
Remodeling and equipment in Obstetrics	633
Remodeling Nonacademic Personnel Office	1 300
Lighting control in rooms 106-221-443	1 000
Public address systems in rooms 221-443	700
Projectors for Illustration Studios	600
Remodeling space for internal auditors	1 950
Remodeling Cashier's cage and Accounting Office	1 969
Equipment for Publications Office	50
Remodeling office of Dean of Medicine	1 100
Animal Hospital special equipment	2 501
Biological Chemistry equipment	1 810
Navy research study of convalescence	1 143
Student lockers in Dentistry	3 060
Research and Educational Hospitals special equipment	3 669
Remodeling room 38 Research and Educational Hospital	350
Locks for closet doors in Nurses Residence	585
Remodeling operating room vacuum system	2 000
Radiology equipment	529
Medicine special equipment	20 353
Pharmacy special equipment	3 320
Cages for Animal Hospital	12 000
Physical environment equipment	12 563
Total, Chicago Professional Colleges	(170 808)

CHICAGO UNDERGRADUATE DIVISION

College of Engineering	822
Library	9 141
Physical Plant	475
Engineering special equipment	4 569
Liberal Arts and Sciences special equipment	1 836
Remodeling and equipment for Architectural Library	5 605
Remodeling physical education facilities	19 144
Total, Chicago Undergraduate Division	(41 592)

GALESBURG UNDERGRADUATE DIVISION

Appropriation accounts	200 000
Total for Sixty Days	$1 017 187

(*Reappropriated for One Year*)

URBANA-CHAMPAIGN DEPARTMENTS

Student Counseling Bureau	$ 500
Surplus equipment	3 267
Electronic digital computer	44 644
Colloid chemistry—Buswell	1 190
School of Music	620
Auditorium organ console	12 000
Practice organs	18 000
Race and Florida research	8 948
Agriculture building remodeling	525

Agricultural Engineering Building remodeling	9 540
Agronomy Greenhouse addition	7 874
Alterations and service drive—Talbot Laboratory	1 739
Altgeld Hall remodeling room 315	1 766
Animal Genetics Building additions	51 705
Architectural services for future buildings	2 160
Architectural services for Huff Gymnasium	1 150
Architecture Building improved lighting	1 628
Armory remodeling	15 186
Band Building remodeling	779
Bevier Hall remodeling room 203	1 821
Brickmasons classroom—Service Building	309
Changes in administrative offices	7 772
Chemistry Building supplementary	56 957
Community and master plan	15 480
Daniel Street improvements	1 725
Davenport Hall remodeling room 406	11 010
Davenport House ventilating	988
David Kinley Hall architectural services	2 400
David Kinley Hall coat hooks	1 970
David Kinley Hall remodeling	18 349
Decompression chamber	1 644
Electrical Engineering Annex ventilation	697
Engineering building classrooms	1 312
Engineering services—Gregory Hall	700
Floriculture Building toilets	1 397
Generating equipment	43 617
Genetics Building remodeling	2 300
Gregory Hall offices	2 443
Gregory Hall remodeling rooms 105-309	998
Gregory Hall remodeling room 400	12 042
Gregory Hall remodeling rooms 120-121b	2 241
Horticulture Field Laboratory remodeling	11 850
Illini Hall rest rooms	1 732
Illini Hall third floor remodeling	38 000
Increase power plant turbine capacity	66 500
Land—Chicago	9 800
Leased property remodeling	11 167
McKinley Hospital emergency lighting	5 124
Military equipment storage	860
Mining and Metallurgical machine shop remodeling	1 519
Minor building remodeling	244
Mumford Hall remodeling	1 346
Natural History Building remodeling general	4 627
Natural History Building remodeling rooms 108-113	1 316
Natural History Building remodeling room 137	378
Natural History Building remodeling room 155	1 014
Natural History Building remodeling rooms 154-304-305	11 032
Natural History Building remodeling room 249	1 919
Newly acquired properties improvements	11 151
Noyes Laboratory remodeling room 170	5 847
Noyes Laboratory safety improvements	50 000
Old Gymnasium improvements	24 473
Parking facilities	35 821
Physics Building electrical improvements	30 000
Physics library remodeling	1 598
Purchase of property at Illinois and Mathews	25 000
Purchase of property at Sixth and John	24 000
Radiocarbon laboratory—125.2 Davenport Hall	2 189
Remodeling Radio Station Building studio	708
Sanitary Engineering Laboratory remodeling	854
Smith Music Hall improvements	7 533
Smith Music Hall redecorating	1 500

404 South Mathews remodeling	13
608 South Mathews	2 264
1007 South Wright remodeling	6 721
Springfield Avenue improvements	1 212
Staff housing Race and Florida	313 787
Talbot Laboratory remodeling	6 669
Temporary housing remodeling	2 510
Tennis courts—Illinois field	8 000
Veterans temporary recreation center	6 498
Veterinary Pathology Laboratory	30 663
Vivarium Building water supply	1 530
Warehouse	3 168
1208 West Springfield	2 149
Total, Urbana-Champaign Departments	(1 145 679)

CHICAGO PROFESSIONAL COLLEGES

Physical Plant	23 700
Remodeling for Physical Medicine	94 164
Architectural services for Biological Chemistry	10 000
Physical environment cold room	29 000
Dentistry special equipment	49 289
Otolaryngology equipment	3 148
Otolaryngology remodeling	5 300
Total, Chicago Professional Colleges	(214 601)
Total for One Year	$1 360 280
Grand Total	$2 377 467

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

July 28, 1949

With Actions of the Executive Committee of June 30 and July 5, 1949

The July meeting of the Board of Trustees of the University of Illinois was held on Thursday, July 28, 1949, in the Illini Union Building, at Urbana, according to the following schedule:

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

2 p.m. — Open session.

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

President Stoddard was present; also Vice-President A. C. Ivy, Provost C. R. Griffith, Assistant to the President A. J. Janata, Secretary H. E. Cunningham, Comptroller Lloyd Morey, Assistant Comptroller H. O. Farber, and, during part of the day, Legal Counsel W. E. Britton and Dean H. P. Rusk.

ACTIONS OF THE EXECUTIVE COMMITTEE

The Secretary reported for record that the Executive Committee has taken action on the following matters, on recommendation of President Stoddard, since the June meeting of the Board.

Employment of Skidmore, Owings, and Merrill

The Executive Committee on June 30 authorized the employment of Skidmore, Owings, and Merrill at a fee not to exceed $5,600 for services plus traveling expenses, based on the estimate in the memorandum from the Director of the Physical Plant Department.

Appointments

The Executive Committee on July 5 made the following appointments:

1. JOHN DOUGLASS RYDER, Professor and Head of the Department of Electrical Engineering, at a salary of $11,000.
2. FREDERICK C. DIETZ, Head of the Department of History, at a salary of $9,500.
3. LAURA J. HUELSTER, Acting Head of the Department of Physical Education for Women, for one year, at a salary of $5,500.

Leave of Absence for Professor Scheick

The Executive Committee on July 5 granted leave of absence without pay for one year from September 1, 1949, to Professor William H. Scheick, to enable him to act as Executive Director of the Building Research Advisory Board of the National Research Council.

The Committee also appointed Associate Professor James T. Lendrum to be Acting Coordinator of the Small Homes Council for the year.

Purchases

The Executive Committee on July 5 authorized the following purchases:

Item	*Department*	*Vendor*	*Cost*
One 120,000 lb. Universal hydraulic testing machine	Civil Engineering	Baldwin Locomotive Works, Chicago	$10 080 00 f.o.b. Eddystone, Pa.
2,000 copies *Training the Life Insurance Agent*	Business Management Service	Interstate Printers & Publishers, Inc., Danville	1 787 75 f.o.b. Urbana
1,000 copies *Mathematical Theory of Communications*	University Press	Rogers Printing Co., Dixon	1 610 00 f.o.b. Urbana
250 reams 22x34 40 lb. 25 per cent rag bond, white; 150 reams ditto 32 lb.; 100 reams ditto 26 lb.; 10 reams 28x34 41 lb. ditto; 21 reams 24x38 49 lb. ditto; 48 reams 24x38 38 lb. ditto	Office Supply Store	Dwight Brothers Paper Co., Chicago	4 091 53 f.o.b. Urbana
Renewal of voluntary workmen's compensation and employers' liability insurance, including occupational disease coverage and $50/100,000, effective August 7, 1949, for one year as required by the Research Division of the Navy Department, to cover the operations necessary to perform the research work stipulated under numerous tasks of Naval Research Contract N6ori-71	Business Office, Bursar's Division	Liberty Mutual Insurance Co., Chicago	2 834 68 (Subject to unguaranteed dividend of 20 per cent at policy termination)

Nonrecurring Appropriations

The Executive Committee on July 5 made the following assignments from the General Reserve Fund for nonrecurring items:

Minor remodeling in University Library	$5 325
Remodeling in Civil Engineering Surveying Building	3 360
Total	$8 685

MATTERS PRESENTED BY PRESIDENT STODDARD

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

APPOINTMENT OF WILLIAM G. KAMMLADE AS ASSOCIATE DIRECTOR OF EXTENSION SERVICE IN AGRICULTURE AND HOME ECONOMICS AND STATE LEADER OF FARM ADVISERS

(1) The Dean of the College of Agriculture, who is also Director of the Agricultural Experiment Station and Extension Service in Agriculture and Home Economics, recommends the appointment of Dr. William G. Kammlade, now Professor of Animal Science, as Associate Director of the Extension Service in Agriculture and Home Economics and as State Leader of Farm Advisers for two years and as Professor of Agricultural Extension on indefinite tenure beginning September 1, 1949, at an annual salary of $10,000.

I concur.

Dean Rusk commented on this recommendation.

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

INTERNAL OPERATING BUDGET FOR 1949-1950

(2) I present the University's internal operating budget for all divisions and funds for the fiscal year beginning July 1, 1949, and for academic and administrative appointments beginning September 1, 1949. This budget has been prepared by the Provost and the Comptroller in accordance with policies approved by the President and in conference with deans, directors, and other administrative officers.

I recommend that:

1. This budget, covering the allocation of the University's operating income from all sources for the year beginning July 1, 1949, be approved (see Appendix, page 531).

2. The President of the University be authorized, in accordance with the needs of the University and the equitable interests involved and within total income, to (a) make such changes and adjustments as are needed, (b) make such additional appointments as are necessary, subject to the provisions of the University Statutes, and (c) accept resignations. All such changes will be covered in the Comptroller's quarterly financial reports, or in reports to the Board by its Secretary.

This budget was discussed by the President, the Provost, and the Comptroller.

On motion of Mr. Livingston, the budget was amended by making the salary of President Stoddard $22,000 a year, effective July 1, 1949.

On motion of Mr. McLaughlin, the operating budget was approved as amended, the appropriations were made, and authority was granted as requested, by the following vote: Aye, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mr. Williamson; no, none; absent, Mr. Fornof, Mr. Stevenson, Mrs. Watkins.

DIRECTORSHIP OF THE INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

(3) Dr. Phillips Bradley, who has been serving as Director of the Institute of Labor and Industrial Relations since August 1, 1946, and who is also Professor of Political Science, has asked to be relieved as Director of the Institute upon the expiration of his present term of appointment in that position on August 31, 1949, and to be assigned to full-time service as Professor of Political Science.

I recommend approval and request that I be authorized to conclude the change in Professor Bradley's status by an appropriate assignment of duties and adjustment of his appointment from a twelve months' to an academic year basis.[1]

I further recommend the appointment of Dr. William Ellison Chalmers, now Associate Professor of Economics (one-half time in the Institute and one-half time in the College of Commerce and Business Administration), as Acting Director of the Institute of Labor and Industrial Relations for one year from September 1, 1949, and as Professor of Economics on indefinite tenure.

On motion of Mr. Hickman, Director Bradley's resignation was accepted and he was assigned to the Department of Political Science, and Professor Chalmers was appointed Acting Director of the Institute of Labor and Industrial Relations and Professor of Economics as recommended.

STEAM HEATING PLANT FOR CHICAGO PROFESSIONAL COLLEGES

(4) On May 21, 1949 (Minutes, page 358), the Board of Trustees authorized a contract with the Medical Center Steam Company, a corporation to be organized under the laws of Illinois, for the construction of a central steam plant and distribution system for University buildings as well as those of other institutions in the Medical Center District. It authorized the officers of the Board to make "changes in form but not of substance" of the contract as submitted on May 18.

Subsequent discussion has made it necessary to work out various other changes, some of them minor in character but others of a major character. For that reason a revised draft of the contract is resubmitted to the Board for approval (see Appendix, page 516).

The principal changes which result from discussions with the insurance company making the loan for construction and with income tax officials by Commonwealth Edison Company are as follows:

1. Elimination of the word "depreciation" and the substitution of "amortization" (Articles IV and V, Sections 5.01 and 5.02).

2. Change in the term of the agreement from an indefinite period (until all investment has been amortized) to a definite period of thirty years, during which all the plant is to be amortized (Section 9.01). This results in a change in the rate of amortization (depreciation) charge from 3 per cent as formerly proposed, to an adjustable sum which at all times will result in complete amortization within the period of the contract (Section 5.02).

The Director of the Physical Plant Department and the Comptroller recommend the approval of the revised draft of contract by the Board.

Additional actions are requested of the Board of Trustees by officers of Commonwealth Edison Company in charge of the development of the Medical Center Steam Company as follows:

1. Resolution accepting an ordinance passed June 22, 1949, by the City Council of the City of Chicago, granting the University authority to make the installations necessary for the heating plant.

2. Resolution authorizing assignment of the above mentioned ordinance to the Medical Center Steam Company.

3. Resolution approving execution of revised contract with the Medical Center Steam Company herein reported.

4. Resolution authorizing the conveyance of land now owned by the Board

[1] President Stoddard notified the Secretary on August 3, 1949, that Professor Bradley's salary was to be $9,000 a year, on A basis.

of Trustees to the Medical Center Steam Company as a part of the site for the proposed power plant.

The exact conditions under which this land should be conveyed are still a matter of further consideration to determine what procedure would be most advantageous to the University, whether to convey without consideration or to convey for a cash consideration commensurate with the current value of this property. If the latter is done, the amount of such consideration would apply toward the total capitalization of the plant. Mr. Newton C. Farr has recommended a valuation of $1.00 a square foot, giving an estimated evaluation of $14,845 for the land to be conveyed. Because early action in the conveyance of the real estate may become necessary, no mention of consideration is made in the resolution, and the exact plan followed will be reported to the Board at a later time.

All the foregoing resolutions (see Appendix, page 513) have been approved by the Legal Counsel and are recommended for adoption by the Comptroller.

I concur.

These changes in contract and resolutions were discussed in detail.

On motion of Dr. Meyer, the changes were approved and the resolutions were severally adopted as recommended.

COMPENSATION FOR DR. LLOYD SMITH

(5) Under date of February 8, 1949, Dr. Lloyd Smith of Berkeley, California, filed a claim against the University of Illinois for compensation for medical expenses incurred, and to be incurred, in the treatment of cataracts on both eyes, alleged to have been caused by radiation from the Illinois cyclotron, on which he worked as a research assistant at the University of Illinois during the years 1943-1945.

Dr. Smith was a graduate student in the Department of Physics and a research assistant in this department from June, 1942, until July 31, 1945. In August, 1945, Dr. Smith became a member of the staff at Ohio State University and continued in such position until June, 1946, at which time he received his Ph.D. degree from the Ohio State University. From August, 1946, to September, 1947, Dr. Smith was a postdoctoral scholar at the University of Chicago. From September, 1947, to the present time, Dr. Smith has been a member of the staff of the radiation laboratory at the University of California at Berkeley.

This claim was referred to the Committee on Accident Compensation, of which the Legal Counsel is Chairman, for investigation. The Committee has made a thorough inquiry, has consulted medical authorities, and has submitted a report. In the opinion of the Committee's chairman the evidence establishes the following:

1. That Dr. Lloyd Smith was exposed to neutron radiation from the cyclotron during the period of his employment as a research assistant in the Department of Physics from the winter of 1943, to July 31, 1945, the date on which Dr. Smith left the employment of the University.

2. That Dr. Lloyd Smith was not exposed to the hazards of neutron radiation or analogous radiation from the date of his leaving the University of Illinois down to the dates of the several letters from the Ohio State University, the University of Chicago, and the University of California, all in April and May, 1949.

3. That Dr. Lloyd Smith has developed cataracts on both of his eyes.

4. That the cause of the cataracts on Dr. Smith's eyes was the exposure to neutron radiation during the period of his employment as a research assistant at the University of Illinois while working on the cyclotron.

5. That the cataracts on Dr. Smith's eyes constitute a disease which arose out of and in the course of his employment at the University of Illinois.

6. That Dr. Smith's condition constitutes an occupational disease governed by the Occupational Diseases Act of Illinois of 1936.

7. That such occupational disease is compensable under the provisions of such Act.

Conclusion seven is supported by a legal opinion which is a part of the Committee's report.

I recommend, therefore, that the Board of Trustees authorize the payment of compensation to Dr. Lloyd Smith in accordance with the formula followed in other compensation cases governed by the Occupational Diseases Act of Illinois, in an amount yet to be determined.

On motion of Mr. Herrick, this settlement was authorized as recommended.

AUTOMOBILE FOR THE VICE-PRESIDENT IN CHARGE OF CHICAGO PROFESSIONAL COLLEGES

(6) On an informal canvass of the Executive Committee, I recommend that the Board authorize the purchase of an automobile to be assigned to the Vice-President of the University, in charge of the Chicago Professional Colleges, for his use and that an appropriation of $2,700, or as much thereof as may be necessary, be made for this purpose.

Quotations have been secured from several dealers on an appropriate type of car for this purpose. The Business Manager of the Chicago Professional Colleges, the Director of Purchases, and the Comptroller recommend the purchase of a Buick four-door roadmaster sedan, model 49-71, from Emil Denemark, Inc., Chicago, the lowest bidder, at a price of $2,685.09.

I concur.

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

AUTOMOBILE FOR THE PRESIDENT OF THE UNIVERSITY

President Williamson asked the Board to consider the purchase of an automobile for the President of the University to replace the University's Buick limousine which has been in service since February, 1940. Mr. Williamson presented a report from the Physical Plant Department which indicates that the Buick can no longer be kept in a condition safe for highway driving and that it should be replaced. He also presented quotations secured on several cars.

On motion of Mr. Hickman, the Board authorized the purchase of a DeSoto eight-passenger sedan from Lloyd Eichhorst, Inc., Champaign, at a list price of $3,031.44 with an allowance of $1,000 on the Buick limousine, making a net price of $2,031.44 delivered in Champaign; and an appropriation of $2,050, or so much thereof as may be necessary, was made from the General Reserve Fund for this purpose, by the following vote: Aye, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mr. Williamson; no, none; absent, Mr. Fornof, Mr. Stevenson, Mrs. Watkins.

OPEN SESSION

APPOINTMENTS TO THE FACULTY MADE BY THE PRESIDENT OF THE UNIVERSITY

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

1. JOHN MARKUS BLATT, Assistant Professor of Physics, beginning February 1, 1950, at an annual salary of $5,500.
2. RUBIN G. COHN, Associate Professor of Law, beginning September 1, 1949, at an annual salary of $7,500.

3. CHARLES C. COLBY, Visiting Graduate Professor of Geography, beginning September 1, 1949, at an annual salary of $8,000.

4. ROBERT KAUL FINN, Assistant Professor of Chemistry, beginning September 1, 1949, at an annual salary of $4,500.

5. WILLIAM S. KINNE, JR., Professor of Architecture, beginning September 1, 1949, at an annual salary of $7,500.

6. JAMES A. PRESTRIDGE, JR., Assistant Professor of Architecture, beginning September 1, 1949, at an annual salary of $4,200.

7. TOM CHRISTOPHER RIVES, Special Research Associate Professor of Electrical Engineering, beginning July 1, 1949, at an annual salary of $7,000.

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

MATTERS PRESENTED BY PRESIDENT STODDARD

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

INTERNAL BUDGET OF ATHLETIC ASSOCIATION FOR 1949-1950

(1) The Director of Intercollegiate Athletics submits, on behalf of the Board of Directors of the Athletic Association, the budget of the Association for 1949-1950 which is summarized as follows with comparative figures for the preceding year:

	1948-1949		
	Original Estimate	*Revised Estimate*	*1949-1950 Proposed*
Income	$636 740	$771 906	$754 100
Expenditures:			
Budget appropriations	636 144	655 466	739 199
Special appropriations	.....	53 458	10 000
Total	(636 144)	(708 924)	(749 199)
Excess of income over expenditures	$ 596	$ 62 982	$ 4 901

On July 1, 1948, the Athletic Association had a net operating surplus of $91,221 and a reserve for plant maintenance of $12,523. It is estimated that on June 30, 1949, the operating surplus will be $179,203 after allowing for an estimated lapse in 1948-1949 appropriations of $25,000 and that the reserve for plant maintenance will remain $12,523.

The budget has been examined by the Provost and the Comptroller, and all salaries have been reviewed by the President; those salaries paid jointly by the Athletic Association and the School of Physical Education have been approved by the Director of the School of Physical Education.

The budget includes an appropriation of $10,000 to be allocated by the Board of Directors for contingency expenditures not to exceed $1,000 for any one item.

I recommend that this budget be approved and that the President of the University be authorized to make such changes and adjustments, including approval of new appointments and acceptances of resignations, as are necessary and recommended by the Board of Directors of the Athletic Association within the total estimated income, such changes to be reported to the Board of Trustees.

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

APPOINTMENT OF JANICE M. SMITH AS ACTING HEAD OF DEPARTMENT OF HOME ECONOMICS

(2) The Dean of the College of Agriculture recommends the appointment of Dr. Janice M. Smith, now Professor of Nutrition in the Department of Home Economics, as Professor of Nutrition on indefinite tenure and as Acting Head of the Department of Home Economics for one year, from September 1, 1949, at an annual salary of $8,000.

I concur.

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

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

(3) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded the following persons on the basis of having fulfilled all of the requirements and having passed the C.P.A. examination which was given May 18, 19, and 20, 1949:

BRICE WILLIAM BAIN
ROBERT MARCELLUS BATES
CARL HENDON BAXTER
JOHN GEORGE BERTOGLIO
RICHARD JOHN BINDON, JR.
ROBERT HAROLD BLUST
HENRY GEORGE BORDEN
JOAN ELIZABETH BORISKE
LEO MILTON BREEN
JOSEPH BUSHE BYRNES
JONATHAN QUARMBY CALDWELL
ROY FENTON COGEN
MAX EUGENE COOPER
EDWARD JAMES COSTIN
IRVING G. COTTON
WILLIAM BROWER CRANE, JR.
JOSEPH TAYLOR CRAW
JOHN TIMOTHY CROWLEY
TRACY CUNNINGHAM
DWIGHT HUMPHREY DAVIS
NORBERT FRANK DOMPKE
THEODORE DUBAS
WILLIAM FRANCIS DUFFY
PERRY ORLANDO DUNHAM
HARVEY O. EDSON
JACK CONARD ELLIS
DONALD WARREN ENGDAHL
ANDREW FRANCIS ERICKSON
ELMER GEORGE ETSCHEID
GRANT CHARLES EWALT
STEPHEN INGRAM FINNEY
SIDNEY IRA FREEMAN
HARRY C. FRITZ, JR.
LEONARD SEVERT GAUSTAD
ALBERT HAROLD GELLER
JACK HERBERT GOLDMAN
JOHN SAMUEL GRAVES
RICHARD HAROLD GREENBERG
VIRGINIA BARBARA GRUBNER
ARVID ERIK GUNDERSEN
WILLIAM DAVIDSON HAWES
FRED JOHN HELD
DAVID HOLTZBLATT
EDWARD FRANK HOSEK
MARION LELAND HUGHES
LLOYD OWEN IRELAND
SUMI HELEN ISE
SAM H. JACOBS
ARTHUR CHARLES JONES
KREEL WAYNE KASSERMAN
WALTER GERRY KELL
RAYMOND LOUIS KELM
GEORGE HENRY KERN, JR.
WILLIAM DENNIS KERWIN
WARREN JOSEPH KINCAID
JOHN BERNARD KNIGHT
ERNEST EUGENE KOMIVES
WILLIAM FRED KRICK
ANTON EMERY KRUZIC
WILLIAM DAVID LA BAW
WILLIAM JOHN LAIRD
JOHN ALBERT LARSON, JR.
ROBERT D. LEACH
ARNOLD LESTER LIPKIN
MICHAEL N. LOMPART
WILLIAM J. LUBY, JR.
ROBERT AARON MAHER
EDWARD S. MANKA
ROBERT WOOLF MANLY
RALPH HYMAN MARCUS
DORIS JEAN MARS
GILBERT M. MAY
ROBERT LEE MAY
JAMES DEE MCCALLUM, JR.
FORREST PATRICK MCMAHON
ROGER THOMAS MCNELLIS
BURDETTE GEORGE MEYER
EUGENE NICHOLAS MEYER
MACK JASON MEYERS
WILLIAM CONRAD MICHAEL
CHESTER S. MILISZKIEWICZ
ROBERT ERNST MOELLER
GEORGE EDWARD MORGAN
WILLIAM HOWARD MORISON
HUBERT BURTON NELSON
HUBERT CASTLE NELSON
JOHN OLDENBURGER
GEORGE ELMER PEARSON
MAX RAPHAEL PEKARSKY
HIRAM LANGFORD PITTMAN
GEORGE J. POHN
JUD LOUIS POMRENZE
ROBERT GEORGE REID
WALTER FREDERICK REINHART
BERNARD JAY REISIN
EUGENE AARON ROSS
JOHN FRANCIS RYAN
RALPH WILLIAM SAUBER
LOUIS JACOB SCHAUMBURG
HALBERT ALLAN SCHUSSELE
IRVING JOSEPH SEGAL
WILLIAM MASLIN SEYMOUR
JACOB ELLIS SHAMRAY
EARL SIEGEL
HYMAN SIEGEL
MYRON LEO SIMON
JAY HOWLAND SMITH
ROBERT JUNIUS SMITH
LLOYD CALVIN STEVENSON
RICHARD NOYES STILLMAN
HAROLD DAVID STRAUSS
HELMUT STRAUSS
BETTY LUCILLE STUBBLEFIELD
LISLE LEE THOMAS

ROBERT DONALD THORNE
ANDREW NICK TZAKIS
PAUL HENRY WALGENBACH
EDWIN CLARENCE WEBER
GERALD ALPHEUS WILLIAMS
MICHAEL ERNEST WILLIAMS
JAMES WILLIAM WILLNER
EDWARD WILSON
WILLIAM G. WOLTERS

The Committee also recommends that the following persons be awarded the certificate under Section 5 of the Accountancy Act of 1943; they hold unrevoked C.P.A. certificates issued by other states or territories of the United States:

JOHN HAMILTON BUCHANAN (Ind.)
LEONARD RAY MCCALL (Ind.)
MERLIN JACOB MEYTHALER (Wis.)
JULIAN ORVILLE PHELPS (N.Y.)
HENRY JOSEPH REHN (Wash.)

I concur.

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

SALE OF COOK COUNTY AGRICULTURAL EXPERIMENT STATION

(4) Since 1925, the Agricultural Experiment Station has been operating a substation in Cook County for the purpose of studying vegetable and floral crop production problems in northern Illinois. The Station consists of twenty acres of land south of DesPlaines, Illinois[1] purchased at a cost of $16,000. Improvements include a house costing $10,442.63, a tool shed costing $1,193.64, a greenhouse costing $11,706.73, tile drainage, and extension of electric service lines (for which the University was reimbursed by the utility company) and other improvements. The total capital investment in this Station is $42,283.89.

The Cook County Experiment Station was established pursuant to an act of the General Assembly in 1923, which also appropriated $25,000 for this purpose. The DesPlaines site was selected, after experiments were carried on in the spring of 1924 in different localities in Cook County and after more than fifty farms were inspected.

From 1925 to 1935, inclusive, the General Assembly made separate appropriations for the operation of this Station. Since then funds for it have been included in the University's biennial budgets.

During the past twenty-five years experiments have been conducted on critical problems of vegetable crop production in the northern Illinois area. These experiments have covered breeding and selection of productive varieties, plant disease control, cultural methods, and fertilizer needs of the crops. Results of these experiments have been published by the Agricultural Experiment Station in eight bulletins and circulars. Since 1926, truck growers' schools have been held annually at the Station, and in recent years a field day has been conducted each summer. Large numbers of interested growers come to the Station every season for help. In recent years, the College of Pharmacy has done some research work with drug plants there.

Due to urban developments in that vicinity the station should be given up and the work transferred elsewhere. Even though it is fenced on three sides, there is difficulty in controlling experiments because of trespassing and theft. Truck growers are moving to the west. Cook County truck growers generally recognize the inadvisability of attempting to continue working there under present conditions. Some phases of the work can be continued at the Morton Arboretum on land assigned to the College of Pharmacy.

The Dean of the College of Agriculture and Director of the Agricultural Experiment Station recommends that this land be sold and the proceeds assigned to the Department of Horticulture for relocating this experimental work at the Morton Arboretum, where it can be integrated with the drug-plant research work of the College of Pharmacy, and elsewhere.

I recommend that the Board authorize the Committee on Agriculture to investigate this matter, with a view to selling this land, to employ a competent

[1] The legal description of this land is: S ½ of W 40 acres of NW ¼ of Section 29, Township 41 North, Range 12 East of 3d P.M. (Maine Township) Cook County, Illinois.

appraiser to determine its market value, and to employ a real estate broker to negotiate with prospective purchasers, and report its recommendations to the Board.

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

SALE OF INTEREST IN DRIVEWAY AT 1007 SOUTH WRIGHT STREET

(5) In purchasing the property at 1007 South Wright Street, Champaign (Minutes, October 30, 1947, page 882), the University acquired one-half of a driveway serving both its property and that of the Pi Beta Phi Sorority adjoining it on the north. Joint use of this driveway is impractical, and a drive to meet University needs has been provided on another part of the property.

The Pi Beta Phi Sorority has requested the University to sell its parf of this drive at a recently appraised value of $2,000, or $500 a front foot. Sale of the south half of the driveway will not materially affect future permanent construction on this land by the University.

The Director of the Physical Plant Department and the Comptroller recommend the sale. I concur and request that the Comptroller and the Secretary of the Board be authorized to execute a deed of conveyance of the area, described as follows, for a consideration of $2,000:

The North Four (4) Feet of the following: Commencing at a point 10 rods North and Sixty-six (66) Feet West of the Southeast corner of the Northwest Quarter of Section Eighteen (18), Township Nineteen (19) North, Range Nine (9), East of the Third Principal Meridian, running thence West One Hundred Seventy-four and one-half (174½) Feet, thence North Ninety-four (94) Feet, thence East One Hundred Seventy-four and one-half (174½) Feet, thence South Ninety-four (94) Feet to the place of beginning.

The proceeds will go into the general funds of the University.

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

RELEASE OF FUNDS FOR BUILDINGS AND CAPITAL IMPROVEMENTS

(6) The Governor has authorized the following release of funds from the appropriation made to the University of Illinois for 1947-1949 under "An Act making appropriations for certain additional ordinary, contingent, and distributive expenses of State government," which includes appropriations totaling $12,994,732 to the University for buildings and other capital improvements:

Release No. 574

"For contingencies to cover expenditures for purposes for which the amount appropriated in any item above enumerated is or becomes insufficient (total appropriation, $618,845).....$78 000"

To augment Releases Nos. 35, 326, and 327 for the construction of student and staff apartments.

A release of $48,405 from this same item previously authorized to supplement funds for the construction of student residence halls, not now needed for that project, has been cancelled by the Governor at the request of the University.

A report was made to the Board on June 25 that the Governor had been asked to approve this new release of $78,000 to supplement funds for the construction of student and staff apartments.

I recommend that the Board appropriate this fund for the construction project.

On motion of Mr. Nickell, this appropriation was made as recommended, by the following vote: Aye, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell,

Mr. Williamson; no, none; absent, Mr. Fornof, Mr. Stevenson, Mrs. Watkins.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

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

1. Remodeling in Lincoln Hall	$14 637
2. Equipment for Horticulture Field Laboratory	14 109
3. Library shelving for Chicago Undergraduate Division	2 640
4. Alterations in Armory for Air Force	2 170
5. Remodeling of building at 1121 South Winchester, Chicago, for use as an Animal Hospital for the Chicago Professional Colleges	16 500
Total	$50 056

I concur.

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

APPROPRIATION FOR PURCHASE OF LAND

(8) On April 21, 1949 (Minutes, page 310), the Board of Trustees approved the purchase of the 320-acre McCullough Farm and the purchase of eighty acres from the Sullivan heirs. On May 21, 1949 (Minutes, page 360), the Board of Trustees approved the purchase of the property at Sixth and John Streets in Champaign. All of these purchases are on the basis of contracts providing for annual payments and the Comptroller reports that in the year 1949-1950 the total of such payments will be $55,500.

I recommend an appropriation of this amount.

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

MARY G. McLELLAN SCHOLARSHIP IN ART

(9) Through the bequest of the late Mary G. McLellan of the Class of 1888, the University has a fund endowing a scholarship in art. This scholarship in art is awarded under regulations adopted by the Board of Trustees May 16, 1942 (Minutes, page 872). These regulations specify, as to eligibility:

"The Scholarship will be open to students of American citizenship who have been in residence for two (not necessarily consecutive) years in the Department of Art of the University of Illinois and meet the following requirements: (a) Recognized standing as graduating senior in the year the award is made, or graduating senior in the year preceding the date of award. (b) Applicant shall not be over twenty-five years of age, as of June first of the year application is made. Exception shall be made in the case of students who have performed military service for our country — in which case the age limit shall be extended by the period of the candidate's actual performance of military service."

As originally set up, the scholarship was to be a biennial award providing a stipend of $1,200. Because of diminishing returns from invested funds, the stipend is decreased and it is not always possible to make an award every two years. Consequently, in fairness to students who might be candidates for the scholarship, the Department of Art recommends that the eligibility requirements be changed to read:

"The Scholarship will be open to students of American citizenship who have been in residence for two (not necessarily consecutive) years in the Department

of Art of the University of Illinois and meet the following requirements: (a) Recognized standing as graduating senior in the year the award is made, or graduating senior in the classes since the previous award was made. (b) . . ."

I recommend approval.

On motion of Mr. McLaughlin, this change was approved as recommended.

UNDERGRADUATE SCHOLARSHIPS FOR STUDENTS FROM COOK COUNTY

(10) An Act of the General Assembly of Illinois, effective July 1, 1905, provides that there shall be awarded annually, in each county of the State, a University of Illinois scholarship to the high school graduate who passes with the highest grade a competitive examination given on the first Saturday in June under the supervision of the County Superintendent of Schools. Such scholarship exempts the holder from payment of tuition, matriculation, term, or incidental fees, but not laboratory fees or service charges. The University prescribes the rules and regulations under which the examinations are given and prepares the questions.

Recognizing the inequity in the distribution of these scholarships throughout the State, the Board of Trustees in 1941 established sixteen special scholarships in Cook County which are awarded to the candidates who rank in the next sixteen places, according to their grades, below the winner of the competitive examination. Last year 265 high school graduates applied for admission to the Cook County scholarship examination. This year 403 made such applications and 277 wrote the examination. Cook County still is not receiving its proportionate number of scholarships on the basis of population and the Assistant Superintendent of Schools of Cook County has asked if the University of Illinois can remedy the situation.

The Faculty Committee on Fees and Scholarships has considered this and recommends that the Board of Trustees increase the total number of special scholarships in Cook County by fifty, thus making a total of sixty-six scholarships available to those writing the competitive examination for the Cook County scholarship in addition to the winner who will receive the one provided by law.

The Committee further recommends that this be retroactive to June 1, 1949, so that these scholarships may be awarded candidates who wrote the Cook County scholarship examination on June 4, 1949. This is feasible because the examination was given recently, the records are still available, and it will be easy to notify the successful candidates.

I concur.

On motion of Mr. Nickell, these recommendations were adopted. Mr. Herrick asked to be recorded as voting in the negative.

PATENT PROVISION IN AGREEMENT WITH UNITED STATES DEPARTMENT OF AGRICULTURE

(11) The Research and Marketing Act of 1946 provides, among other things, for cooperation between the United States Department of Agriculture and various state agricultural experiment stations in determining "the best methods of processing, preparation for market, packaging, handling, transporting, storing, distributing, and marketing agricultural products." Funds for the work are to be allocated to the experiment stations on the basis of each approved project.

In order to reduce the amount of paper work required for individual research projects to a minimum, the United States Department of Agriculture proposes one general agreement between the Department and the Illinois Agricultural Experiment Station under which less formal documents covering individual projects can be executed. The Department proposes including in this master agreement the following provision relating to patentable discoveries:

"Patentable results of any work carried on under the terms of this agreement shall be made available to the public through dedication, assignment, or in such manner as the United States Department of Agriculture shall determine. Other results of research or investigations and information concerning the project shall be made known to the public by the State agency unless the project statement shall provide otherwise."

While this conflicts with the patentable provisions in the University of Illinois Statutes, the purpose in each case is the same — protection of the public. In the opinion of counsel for United States Department of Agriculture this provision is required by law.

The Director of the Agricultural Experiment Station and the Chairman of the University Research Board recommend that the Board of Trustees waive the University's patent provisions in this particular case.

I concur.

On motion of Dr. Meyer, this provision was waived in this instance as recommended.

CONTRACTS FOR WATER AND GAS SERVICE EXTENSIONS TO SMALL HOMES COUNCIL STAFF HOUSING RESEARCH PROJECT AREA

(12) The Director of the Physical Plant Department and the Comptroller recommend authorization of the following agreements for utilities installations in the Small Homes Council Staff Housing Research Project area at Race Street and Florida Avenue:

Illinois Water Service Company, installation of water service and fire hydrants at a cost of.....$5 918 36

Illinois Power Company, extension of gas service to the houses: main extension, $1,243; excess service pipe, $2,392..... 3 635 00

The Legal Counsel has reported his opinion and recommendation that these streets be not dedicated to the city of Urbana.

The cost of the gas main extension, $1,243, is payable on signing of the agreement. This is refundable over a ten-year period if the gross revenue received by the company from gas service by the extension exceeds the estimated gross revenue on which free extensions are determined.

Funds are available in the appropriation for this project to pay for these installations.

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

On motion of Mrs. Holt, these installations were authorized and authority given as recommended.

DEDICATION OF STREETS IN STAFF HOUSING RESEARCH PROJECT

(13) At the Board meeting on May 21, 1949, in connection with the award of contracts for the above project, a question of the dedication of streets in the housing area was deferred for further report and consideration by the Board.

The matter has been reviewed by the Legal Counsel, the Director of the Physical Plant Department, and the Comptroller. The Legal Counsel has submitted comments on the situation (copy attached) in which he recommends against such dedication. The Director of the Physical Plant Department and the Comptroller concur in that recommendation.

I concur and recommend that the streets in this area not be dedicated to the city.

On motion of Mr. Livingston, this recommendation was concurred in.

CONTRACT WITH SARGENT AND LUNDY FOR ENGINEERING SERVICES ON POWER PLANT EQUIPMENT

(14) On June 15, 1948 (Minutes, page 1159), the Board of Trustees authorized a plan for the installation of a 7,500 kw. generator in the Abbott Power Plant at Urbana contingent on the availability of sufficient funds in the State appropriation for buildings and permanent improvements for 1949-1951. The new generator was to increase power capacity to service the new buildings included in the original construction program for this biennium. Sufficient funds were not included in the State appropriations for 1949-1951 for the installation of a generator of this size. Moreover, not all of the buildings included in the original program will be constructed during 1949-1951, so that a smaller generator will suffice. On May 21, 1949 (Minutes, page 361), the Board of Trustees approved a revised plan for the installation of a new 3,000 kw. generator and auxiliary equipment.

The State appropriations made to the University for the construction of buildings and other capital improvements for 1949-1951 include $1,275,000 for "Additions to Power and Heating Plant and Remodeling of Existing Buildings" and $375,000 for "Construction of Extensions to the Utilities Distribution System" at Urbana.

The Director of the Physical Plant Department and the Comptroller recommend the employment of Sargent and Lundy of Chicago, for engineering services on the installation of the 3,000 kw. generator and auxiliary equipment and on the Utilities Distribution System on the following basis: compensation for services will consist of current expense charges plus a fixed fee. The current expenses charge will be the engineering drafting at actual salaries plus 50 per cent for overhead, resident field engineers at actual salaries plus 10 per cent for overhead, clerical, travel, and miscellaneous expenses at actual cost. The fixed fee charge will be 2 per cent of the estimate mutually agreed upon by Sargent and Lundy and the University of the cost of the generator and auxiliary equipment, and 2 per cent of the actual cost (excluding Sargent and Lundy's charges and University engineering, supervisory, and overhead costs) of the extension of the distribution system. The fixed fee charge will be billed and paid in installments of 10 per cent when the services are ordered, 80 per cent in equal monthly installments based on the number of months it takes to complete the project, and 10 per cent when the project has been completed. It is estimated that the cost of engineering services under such an arrangement will total $108,000. Funds are available in State appropriations for these projects.

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

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

ADDITION TO ELECTRICAL CONTRACT FOR MECHANICAL ENGINEERING BUILDING

(15) The Director of the Physical Plant Department and the Comptroller recommend an increase of $5,209 in the contract with the Square Deal Electric Company for the electrical work in the construction of the Mechanical Engineering Building. This increase is to provide for additional wiring in seven rooms which will be used for the Internal Combustion Engine Laboratory and in the Equipment Construction Shop. Wiring for these rooms was not included in the original contract because the exact type of equipment to be installed in these rooms was not known and consequently the power requirements could not be specified.

Funds are available in the State appropriation for the construction of the Mechanical Engineering Building.

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

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

ADDITION TO CONTRACT WITH ALLIS-CHALMERS MANUFACTURING COMPANY FOR SUPERVISION OF ASSEMBLY AND ERECTION OF BETATRON

(16) The University has a contract with the Allis-Chalmers Manufacturing Company, Milwaukee, Wisconsin, for engineering services in supervising the assembly and erection of the Betatron. The Company provides expert supervisory personnel and is authorized to purchase necessary miscellaneous materials and tools, and to hire labor during the assembling of the Betatron. The contract is limited to an expenditure of $25,000. The Board has also authorized a subcontract negotiated by Allis-Chalmers with the Pennoyer Merchants Transfer Company, Milwaukee, Wisconsin, for the actual rigging required for the Betatron.

Professors D. W. Kerst and F. W. Loomis and the Comptroller recommend that the Board authorize an increase of $10,000 in the Allis-Chalmers contract to provide for additional materials and services to be supplied by that Company in connection with the construction of a large bias reactor at the New York Naval Shipyard. The reactor is not a part of the work contemplated in the

Allis-Chalmers contract. It was originally planned to have it built by some manufacturer of electrical equipment, but it was found that the Shipyard could do it for much less provided that responsible and skilled personnel representing the University was on hand to supervise the work. Arrangements have been made for Allis-Chalmers engineers experienced in coil winding to represent the University. The rates of compensation payable have been approved by the Head of the Department of Physics.

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

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

AWARD OF CONTRACT FOR NATURAL RESOURCES GARAGE

(17) The State Geological and Natural History Surveys have requested the University to supervise certain alterations in the Natural Resources Building Garage to provide additional shop and storage space. The funds will be provided by the Geological Survey.

Dr. M. M. Leighton, Chief of the Geological Survey, the Director of the Physical Plant Department, and the Comptroller recommend award of the contract for $6,676.24 to Clyde Gates, the lowest bidder.

I concur.

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

REPORT ON ELECTRICAL CONTRACT FOR UTILITIES DISTRIBUTION SYSTEM

(18) On January 25, 1947 (Minutes, page 228), the Board of Trustees awarded a contract to the A. S. Schulman Electric Company for the electrical distribution work in connection with the construction of the Utilities Distribution System. This contract was subject to an escalation to a maximum of 16.4 per cent. The total amount of the contract to date is $171,621.75, of which $170,998.38 is subject to the escalation provision.

The Comptroller reports that the A. S. Schulman Electric Company has incurred additional costs under this escalation clause of $29,811.10 but are limited by the maximum escalation provision to a reimbursement of $28,043.73.

This report was received for record.

ADDITION TO HEATING AND VENTILATING CONTRACT FOR EAST CHEMISTRY BUILDING

(19) The Director of the Physical Plant Department and the Comptroller recommend an increase in the amount of $7,172.65 in the contract with the Carson-Payson Company for heating and ventilating installations in the construction of the East Chemistry Building to provide for:

1. Substitution of reduced voltage starters in lieu of those specified for four large motors.....$1 474 60
2. Provision for high-pressure steam service in the Instrumentation Laboratory and the Unit Operations Laboratory..... 5 698 05

Funds are available for these additions in the appropriation for the East Chemistry Building.

I concur and request that the Comptroller be authorized to execute these additions.

On motion of Mr. Nickell, these additions to contract were authorized as recommended.

INSURANCE ON AUTOMOBILE FLEET

(20) On May 21, 1949 (Minutes, page 366), the Board received a report on this problem and directed that bids be solicited, and authorized the Finance Committee to consider these bids and make an award.

In accordance with this action, bids were solicited on insurance for one year effective July 1, 1949, with limits of $25,000 to $50,000 bodily injury and $5,000

property damage on the entire fleet of automotive equipment owned by the University, or leased. Such insurance is authorized under the Board policy on insurance. Requests for quotations were submitted to representatives of sixty-four companies. A total of eight representatives submitted bids. The lowest bid was submitted by W. R. Hidy, Champaign, for a premium of $3,314.50, for insurance placed with the Hartford Indemnity Company.

The Finance Committee has reviewed the bids and has awarded this insurance to the lowest bidder for one year, with the right reserved by the University to renew in the same company for an additional year.

This report was received for record.

HOSPITAL AND MEDICAL SERVICE INSURANCE

(21) The University charges all students at Urbana-Champaign and in the Chicago Undergraduate Division who do not hold staff appointments a fee of $5.00 a semester for hospital and medical service. It is the practice of the Board to place this insurance with a commercial insurance company. The present insurance expires August 31, 1949.

About a year ago at the request of several members of the staff I appointed a special committee to advise on a hospital and medical service insurance plan for the staff. This committee recommended that such a plan be set up, and its report was submitted to the Finance Committee of the Board for review.

Acting on instructions of the Finance Committee, the Business Office has secured quotations from interested companies on plans of insurance providing for the following coverages:

Student Plan

A. Hospital Residence, $6.50 a day (present $5.00) up to twenty-eight days in one semester.

B. Hospital Services, $32.50 in one semester (present $22.50).

C. Physician's Indemnity, $3.00 a day for not more than two-thirds of the number of days of hospital residence, not exceeding $56.00 in one semester (same as at present).

D. Surgical Benefits, per schedule, up to $225.00 for disability (same as at present). (Maximum total allowance in maternity cases, $55.00).

Staff Plan

A. Hospital Residence, $6.50 a day, up to thirty-one days of confinement.

B. Hospital Services, $32.50 a confinement.

C. Physicians Indemnity, $3.00 a day not exceeding $62.00 a hospital confinement.

D. Surgical Benefits (same as student plan). (Maximum total allowance in maternity cases, $55.00).

The special staff committee has recommended that two separate contracts be made, but that both contracts be with the same company. The low proposal under such an arrangement is submitted by the Continental Casualty Company, Chicago, through George Franks, Champaign broker, for estimated premiums of $221,507 for the Student Plan and $191,200 for the Staff Plan (anticipating 75 per cent participation), a grand total of $412,707.

It is recommended that the plan be self-supporting and that the premiums charged be sufficient to cover the estimated administrative cost to the University. The premium charges would be as follows:

Student Plan

	Semester (19 weeks)	*Year (12 months)*
Student only	$ 5 00	$15 00
Student and his family	13 00	39 00

Staff Plan

	Premium Charges a Year (12 months)
Employee only	$16 20
Employee and one dependent	34 80
Employee and two or more dependents	45 00

The insurance would be written for one year but the company would be advised that it is the intention of the University to extend the policy for at least one additional year.

These proposals have been reviewed by the Finance Committee and approval is recommended by that Committee.

I concur and recommend approval.

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

PURCHASES

(22) The Director of Purchases has proposed and the Comptroller recommends the following purchases (see Appendix, page 522).

I concur.

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

AUTHORITY TO PURCHASE CATTLE

(23) The program for the purchase of feeding cattle for the Wright Farms for the 1949-1950 feeding season will be approximately as shown by the following schedule:

Buying Period	*Number*	*Kind*	*Average Weight*	*Average Price a Pound*	*Total Cost*	*University's Share*
		Farm No. 3				
Aug. 1-Sept. 25	50	Steer calves	400 lb.	$.25	$ 5 000	$ 2 500
	50	Heifer calves	375 lb.	.24	4 500	2 250
Oct. 1-Nov. 1	35	Yearling steers	650 lb.	.24	5 460	2 730
Nov. 1-Jan. 1	35	Yearling steers	800 lb.	.22½	6 300	3 150
	170				$21 260	$10 630
		Farm No. 4				
Aug. 1-Oct. 15	40	Steer calves	400 lb.	$.25	$ 4 000	$ 2 000
	40	Heifer calves	375 lb.	.25	3 750	1 875
Feb. 1-Mar. 15	25	Yearling steers	700 lb.	.20	3 500	1 750
	105				$11 250	$ 5 625
		Farm No. 6				
Aug. 1-Nov. 1	50	Steer calves	400 lb.	$.25	$ 5 000	$ 2 500
Oct. 1-Nov. 1	25	Yearling steers	650 lb.	.24	3 900	1 950
Oct. 15-Dec. 1	25	Yearlings	750 lb.	.20	3 750	1 875
	100				$12 650	$ 6 325
Total All Farms	375				$45 160	$22 580

Such purchases are made on the basis of current market prices when suitable stock is available, and payment is due immediately. Under such conditions, it is impractical to request the approval of the Board of Trustees prior to each transaction.

The Director of Purchases, the Comptroller, and Professor J. B. Andrews of the College of Agriculture who supervises the Wright Farms, request authority to purchase feeding cattle substantially in accordance with the above schedule when such purchases are recommended by the farms manager. All such purchases will be reported to the Board of Trustees. They will be financed from the income of the Wright Farm operations.

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

DEPARTMENT OF PHYSICAL MEDICINE AND REHABILITATION

(24) The Dean of the College of Medicine and the Vice-President in charge of the Chicago Professional Colleges recommend that the name of the Department of Physical Medicine, in the College of Medicine and the Research and Educational Hospitals, be changed to Department of Physical Medicine and Rehabilitation.

I concur.

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

COMMITTEE TO HEAR OBJECTIONS TO DETERMINATION OF WAGE RATES MADE BY THE UNIVERSITY IN AWARDING CONSTRUCTION CONTRACTS AT ROBERT ALLERTON PARK

(25) As reported to the Board on June 25, 1949 (Minutes, page 405), objections have been filed, under the prevailing wage act, to the determination of the prevailing rates of wages made by the University in awarding construction contracts at Robert Allerton Park in Piatt County. The act provides that a hearing on these objections be held.

The Board voted that the hearing be conducted by a committee of the faculty to be appointed by the President of the University. I nominate the following: Edward W. Cleary, Professor of Law, *Chairman;* Cecil A. Moyer, Associate Professor of Accountancy; and John B. Parrish, Associate Professor of Economics.

On motion of Mrs. Holt, this committee was appointed as recommended.

CLOSING OF THE GALESBURG UNDERGRADUATE DIVISION

(26) It seems appropriate at this meeting of the Board of Trustees to make official record of the closing of the Galesburg Undergraduate Division. With this in mind there has been prepared a brochure reviewing the history of the Galesburg Division, entitled *The College Made in a Month.* I am pleased to present this brochure to the Board as a part of the official report. It will be distributed to members of the General Assembly and other State officials, to the Citizens Committee of the University, and to staff members of the Galesburg Undergraduate Division.

I submit also a report prepared by the Comptroller on expenditures, both capital and operating, on the Galesburg Undergraduate Division from the fall of 1946 to its closing date, June 30, 1949 (see Appendix, page 524).

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(27) The Comptroller's report of contracts executed, June 11 to July 10, 1949 (see Appendix, page 525).

This report was received for record.

APPOINTMENT OF PROFESSOR F. B. ADAMSTONE AS HEAD OF DEPARTMENT OF ZOOLOGY

(28) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Professor F. B. Adamstone, now Acting Head of the Department of Zoology and Physiology, as Professor and Head of the Department of Zoology on indefinite tenure beginning September 1, 1949, at a salary of $7,500 an academic year.

I concur.

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

REPORT ON UNIVERSITY OF ILLINOIS LEGISLATION

(29) As a matter of official information and record, I report the passage by the Sixty-sixth General Assembly of the following legislation affecting the University directly or indirectly (see Appendix, page 526).

This report was received for record.

REAPPROPRIATION OF UNEXPENDED BALANCES

(30) The Comptroller recommends that the following unexpended balances in appropriations made by the Board of Trustees for 1948-1949 for services and projects not completed as of June 30, 1949, be reappropriated for a period of sixty days from July 1, 1949 (see Appendix, page 530).

I concur.

On motion of Dr. Meyer, these balances were reappropriated as recommended, by the following vote: Aye, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr.

Nickell, Mr. Williamson; no, none; absent, Mr. Fornof, Mr. Stevenson, Mrs. Watkins.

ADDITION TO CONTRACT FOR SANITARY SEWER

(31) The University has a contract with Mancini, Ventrella, and Sons, Chicago, for the construction of a sanitary sewer to serve the housing area and other buildings on the west side of the campus. As is customary in sewer contracts, this one contains a provision that if in the course of construction conditions not known at the time the contract was signed are encountered, the contractor is entitled to additional compensation as negotiated by him and the University.

In the course of this sewer construction quick-sand beds were encountered on the south side of Armory Avenue and on the north side of Green Street. As a result it is necessary to change the sewer plan by elevating the sewer line, using cast iron pipe to bridge the quick-sand beds at vulnerable points, and using larger tile in certain sections of the sewer. The alternative would be to pump out the quick-sand pockets and fill in with crushed rock which would be extremely expensive.

Changes agreed upon will cost $4,500. The contractor has offered to assume half the cost because the change in the sewer plan is of some advantage to him. Wilson and Anderson, Consulting Engineers in charge, have approved the revised plan and recommend its acceptance. The Director of the Physical Plant Department and the Comptroller concur.

I recommend that the Comptroller be authorized to execute a change in this contract by increasing it $2,250. Funds are available in the State appropriation for temporary housing for the biennium of 1947-1949. Since these funds were encumbered when the original contract was entered into they will be available until September 30.

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

ADDITION TO ELECTRICAL CONTRACT FOR REWIRING PHYSICS LABORATORY

(32) The University has a contract with the Square Deal Electric Company, LaPorte, Indiana (Minutes, March 10, 1949, page 294), for the electrical installations in the repowering and relighting of the Physics Laboratory (the old Physics Building).

This contract covers the first phase of the repowering and relighting contract. It was anticipated that the second and third phases of this project would be completed with funds available in building appropriations for 1949-1951. Because of the reduction in building funds, the completion of the project will have to be postponed. The Head of the Department has therefore requested that certain additional temporary electrical facilities be installed before the beginning of the first semester of 1949-1950.

This work will consist of additional lighting fixtures in one room and additional electrical outlets in eight rooms at an estimated cost of $2,410. Funds are available in the appropriation made by the Board of Trustees for this project.

The Director of the Physical Plant Department and the Comptroller recommend this addition to the contract with the Square Deal Electric Company for this additional work.

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

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

EXECUTIVE SESSION

PROCEDURE IN PURCHASE OF COAL

(33) At the Board meeting on June 25, 1949, in connection with the proposed contract for purchase of coal for the Urbana-Champaign power plant for 1949-1950, members of the Board requested information as to the procedure followed in judging the quality of coal supplied.

In response to this request the Director of Purchases has submitted through the Comptroller the following reports:

1. Extract from a "Survey of Business Administration Organization — University of Illinois" by Booz, Fry, Allen, and Hamilton, August 1, 1942, on "the University coal purchasing."

2. Copy of bid form on coal for 1949-1950 submitted to all prospective bidders, in which the requirements of quality are set forth (item 2, page 3) and the method by which tests of such quality will be made.

The Purchasing Division and the Physical Plant Department have given assurances that the program of tests will be regularly followed. A quarterly report of such tests will be made to the Board as requested.

This report was received for record.

CONTRACT WITH WARNER CONSTRUCTION COMPANY FOR THE CONSTRUCTION OF WOMEN'S RESIDENCE HALL

Report of a Special Committee

(34) On December 30, 1948, acting pursuant to authorization by the Executive Committee of the Board of Trustees, President John R. Fornof appointed Mr. Kenney E. Williamson of the Board of Trustees and the President of the University a special committee to review all matters in dispute relating to the contract with the Warner Construction Company, Chicago, for the construction of the Women's Residence Hall (Lincoln Avenue Residence), and to make recommendations concerning the same to the Board. Subsequently, this Committee employed special counsel to represent it in direct negotiations with counsel for the Warner Construction Company.

The Committee recommends a settlement on numerous changes in the contract representing credits to the University for work omitted and extra payments to the contractor for additional work ordered — all relating to grading of the site, construction of sidewalks and driveways, and other work outside of the building but a part of the general contract. The net increase originally requested by the Warner Company was $19,086.26. Your committee's attorney and the University Architect recommended a settlement of $12,087.28, to which the contractor has agreed. This represents an increase of $1,275.43 in the fixed fee to be paid under the contract, and an increase of $11,594.85 in construction costs.

Your committee recommends approval and authorization of the contract change orders necessary to implement this settlement. It affects only one phase of the construction contract and not settlement of the question of damages resulting from the delay in completion of the building.

KENNEY E. WILLIAMSON
GEORGE D. STODDARD
Special Committee of the Board of Trustees

On motion of Dr. Meyer, these changes in contract were authorized 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 509).
2. Graduate fellows (page 512).
3. Resignations and cancellations (page 513).

The Board adjourned.

H. E. CUNNINGHAM
Secretary

KENNEY E. WILLIAMSON
President

APPENDIX

APPOINTMENTS MADE BY THE PRESIDENT

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

BERG, K. B., Instructor, Accountancy (Business Organization and Operation) (½), academic year beginning September 1, 1949, $1700 (7-15-49).

BLATT, JOHN M., Assistant Professor, Physics (C), second semester, academic year 1949-1950, beginning February 1, 1950, $5500 a year (7-9-49).

BROADBENT, EMER E., First Assistant, Agricultural Economics (S & E), five months beginning April 1, 1949, $5000 a year, supersedes (6-22-49).

BRONFENBRENNER, MRS. JEAN A., Research Associate, Bureau of Economic and Business Research, one year beginning September 1, 1949, $5000 (7-8-49).

BROWN, EDWARD L., Flight Instructor, Institute of Aviation, one year beginning September 1, 1949, $3850 (7-15-49).

BYRNE, ALICE, Biological Sciences (Undergraduate Division in Chicago) (⅔), Summer Session, 1949, eight weeks beginning June 20, 1949, $519, supersedes (7-9-49).

CARDEW, EMILY C., Assistant Professor, Nursing Education, School of Nursing, and Coordinator, Affilia-Program for Hospital Schools of Nursing (83/100), one year beginning September 1, 1949, $5000 (7-18-49).

CARRITHERS, J. M., Assistant Professor, Accountancy (Bureau of Economic and Business Research) (½), two months beginning July 1, 1949, $250 a month (this is in addition to his present appointment) (7-12-49).

CASTLEBERRY, H. P., Social Sciences (Undergraduate Division in Chicago), Summer Session, 1949, eight weeks beginning June 20, 1949, $934, supersedes (7-9-49).

CHANLER, JOSEPHINE H., Mathematics (½), Summer Session, 1949, beginning June 17-August 13, 1949, $478, supersedes (7-12-49).

CHEN, MRS. MO-LING H., Catalog Assistant, Library, beginning June 15-August 31, 1949, $200 a month, supersedes (6-29-49).

CHODAKOWSKI, ALEXANDER S., Electrical Engineering, Summer Session, 1949, beginning June 17-August 13, 1949, $845, supersedes (7-12-49).

CLARK, M. E., Theoretical and Applied Mechanics (½), Summer Session, 1949, beginning June 17-August 13, 1949, $367 (6-28-49).

COHN, RUBIN G., Associate Professor, Law, academic year beginning September 1, 1949, $7500 (7-18-49).

COLBY, CHARLES C., Visiting Graduate Professor, Geography (Graduate College), academic year beginning September 1, 1949, $8000 (7-20-49).

COMER, VIRGINIA L., Speech, Summer Session, 1949, beginning June 17-August 13, 1949, $500 (6-28-49).

CONRAD, PAUL F., Mathematics, Summer Session, 1949, beginning June 17-August 13, 1949, $534, supersedes (6-28-49).

CORFIELD, BERTHA M., Assistant, English, nine months beginning September 16, 1949, $2700 (7-15-49).

CRANDALL, PAUL H., Clinical Assistant, Neurology and Neurological Surgery (Medicine), one year beginning July 1, 1949, without salary (7-15-49).

CROWELL, WILFRED J., Resident, Hospital Pharmacy (Pharmacy) (½), one year beginning July 1, 1949, $660; also to be furnished maintenance, uniforms, tuition, and fees in the Graduate College, valued at $384 (7-15-49).

DEMERS, E. F., Electrical Engineering (⅔), Summer Session, 1949, beginning June 17-August 13, 1949, $594, supersedes (6-23-49).

DRELL, S. D., Special Research Associate, Physics (S), two months beginning July 1, 1949, $4200 a year (7-12-49).

DUNN, W. F., Business Organization and Operation (⅔), Summer Session, 1949, beginning June 17-August 13, 1949, $489 (6-23-49).

EDWARDS, HENRY C., Instructor, Architecture, academic year beginning September 1, 1949, $4000 (7-14-49).

ELBINGER, MRS. REBECCA L., Physical Sciences (Undergraduate Division in Chicago) (½), Summer Session, 1949, eight weeks beginning June 20, 1949, $445, supersedes (7-9-49).

ELSESSER, T. M., Theoretical and Applied Mechanics, Summer Session, 1949, beginning June 17-August 13, 1949, $667 (6-28-49).
FAIRBANKS, GRANT, Research Professor, Speech (Graduate College) (½), beginning June 17-August 13, 1949, $444 a month (6-29-49).
FRIEDERICH, A. G., General Engineering Drawing, Summer Session, 1949, beginning June 17-August 13, 1949, $712 (6-28-49).
GALVIN, JAMES A., Clinical Teaching Assistant, Psychiatry (Medicine), beginning August 15, 1949-August 31, 1950, without salary (6-29-49).
GARBER, MEYER, Special Research Assistant, Physics (C), two months beginning June 16, 1949, $3240 a year (6-16-49).
GEISSENDOERFER, J. T., German (¾), Summer Session, 1949, beginning June 17-August 13, 1949, $1027, supersedes (7-12-49).
GLEASON, JOHN B., Assistant, English, nine months beginning September 16, 1949, $2400 (7-12-49).
HAHN, E. L., Special Research Associate, Physics (S), one year beginning July 1, 1949, $4200 (6-29-49).
HAKMAN, NATHAN, Graduate Assistant, Institute of Labor and Industrial Relations, two months beginning July 1, 1949, $244.44 a month (6-29-49).
HALSTEAD, WILLIAM P., Speech, Summer Session, 1949, beginning June 17-August 13, 1949, $1200 (6-28-49).
HAUCK, DAVID W., Flight Instructor, Institute of Aviation, one year beginning September 1, 1949, $3850 (7-15-49).
HOLSHOUSER, DON F., Special Research Associate, Electrical Engineering (S) (¼), two months beginning July 1, 1949, $1125 a year, supersedes (7-12-49).
JOHNSON, FRANCES, Speech, Summer Session, 1949, beginning June 17-August 13, 1949, $534 (6-28-49).
JUDY, WILLIAM S., Clinical Assistant, Radiology (Medicine), one year beginning July 1, 1949, without salary (6-29-49).
KATZ, H. W., Electrical Engineering, Summer Session, 1949, beginning June 17-August 13, 1949, $780, supersedes (6-23-49).
KATZ, ROBERT, Special Research Associate, Physics (S), two months beginning July 1, 1949, $4200 a year (7-12-49).
KESLER, C. E., Theoretical and Applied Mechanics, Summer Session, 1949, beginning June 17-August 13, 1949, $800 (6-28-49).
KESSLER, ELIZABETH D., Acquisition Assistant, Library, beginning June 7-August 31, 1949, $2400 a year, supersedes (6-28-49).
KHACHATURIAN, NARBEY, Instructor, Civil Engineering (C) (½), academic year beginning September 1, 1949, $1500 (7-12-49).
KIDDER, R. W., Circulation Assistant, rank of Instructor, Library (½), one year beginning September 1, 1949, $1500 (7-15-49).
KINNE, WILLIAM S., JR., Professor, Architecture, indefinite tenure beginning September 1, 1949, to render service during two semesters of each academic year, $7500 a year (7-14-49).
LAING, A. K., Architecture, Summer Session, 1949, beginning June 17-August 13, 1949, $1512 (6-23-49).
LAITALA, EVERETT, Business Organization and Operation (½), Summer Session, 1949, beginning June 17-August 13, 1949, $556 (6-23-49).
LAMKIN, MRS. GLENNA H., Home Economics, Summer Session, 1949, beginning June 17-July 16, 1949, $347 (6-29-49).
LARUE, H. A., Civil Engineering, Summer Session, 1949, beginning June 17-August 13, 1949, $800 (6-23-49).
LEE, CHENG L., Research Assistant, Botany (Graduate College), beginning July 1-September 15, 1949, $666.66 (7-18-49).
LEEVER, RICHARD S., Assistant, English, nine months beginning September 16, 1949, $2400 (7-12-49).
LEVY, SAUL, Instructor, Applied Materia Medica and Therapeutics (⅔), and Coordinator of Postgraduate Telephone Courses (Postgraduate Studies) (27/100) (Dentistry), four months beginning May 1, 1949, $3000 a year, supersedes (6-28-49).
LITTLE, E. B., Biological Sciences (Undergraduate Division in Chicago) (⅔), Summer Session, 1949, eight weeks beginning June 20, 1949, $593, supersedes (7-9-49).

MACKIN, MRS. MARTHA H., Physical Sciences (Undergraduate Division in Chicago) (½), Summer Session, 1949, eight weeks beginning June 20, 1949, $356, supersedes (7-9-49).

MAHER, FRANK T., Professor, Pharmacognosy and Pharmacology, and Head of the Department (Pharmacy), indefinite tenure, beginning July 1, 1949, and Assistant Dean (Pharmacy), beginning July 1, 1949-August 31, 1951, $9000 a year, supersedes (7-18-49).

MANN, KINGSLEY M., Special Research Associate, Radiocarbon Laboratory (Graduate College), one year beginning September 1, 1949, $4500 (7-12-49).

MANSFIELD, J. V., Physical Sciences (Undergraduate Division in Chicago) (⅔), Summer Session, 1949, eight weeks beginning June 20, 1949, $925, supersedes (7-14-49).

MARROQUÍN, ALEJANDRO D., Instructor, Spanish, academic year beginning September 1, 1949, $3500 (7-15-49).

MARTIN, R. J., Assistant Professor, Mechanical Engineering (C), two months beginning July 1, 1949, $4900 a year, supersedes (7-18-49).

MCAVOY, WILLIAM C., Research Assistant (Graduate College), beginning June 16-August 15, 1949, $560, supersedes (6-29-49).

MCCLOY, R. W., Aeronautical Engineering (⅙), Summer Session, 1949, beginning June 17-August 13, 1949, $208, supersedes (6-23-49).

MCGARRY, MRS. NANCY S., Personnel Technician, Student Counseling Bureau, beginning July 1, 1949-August 31, 1950, $2800 a year, supersedes (7-12-49).

MENDEL, CLIFFORD W., Research Specialist, Bureau of Institutional Research, two months beginning June 16, 1949, $666.67 (this is in addition to his appointment as Associate Professor of Mathematics, and Research Specialist in the Bureau of Institutional Research) (7-9-49).

MOORE, PAUL, Speech (½), Summer Session, 1949, beginning June 17-August 13, 1949, $600 (7-12-49).

MUIRHEAD, PEGGY P., Biological Sciences (Undergraduate Division in Chicago) (⅔), Summer Session, 1949, eight weeks beginning June 20, 1949, $504, supersedes (7-9-49).

PARK, ESTHER A., Library Science, Summer Session, 1949, beginning June 17-August 13, 1949, $750 (7-12-49).

PERLMAN, MRS. BERNICE T., Social Welfare Administration (⅔), Summer Session, 1949, beginning June 17-August 13, 1949, $534, supersedes (7-12-49).

PERLMAN, RAYMOND, Instructor, Art, academic year beginning September 1, 1949, $3500 (7-15-49).

PETERSEN, LAURENCE E., Graduate Assistant, Institute of Labor and Industrial Relations, two months beginning July 1, 1949, $244.44 a month (6-29-49).

PETERSON, PETER A., Research Assistant, Botany (Graduate College), beginning July 1-September 15, 1949, $666 (7-18-49).

PHILIPPSON, E. A., German (⅔), Summer Session, 1949, beginning June 17-August 13, 1949, $852 (7-12-49).

PHILLIPS, J. A., Special Research Associate, Physics (S), six months beginning July 1, 1949, $4200 a year (7-12-49).

POGUE, WILLIAM G., Assistant, Physiology (Medicine), two months beginning July 1, 1949, $2496 a year (7-15-49).

POLK, G. A., Mechanical Engineering, Summer Session, 1949, beginning June 17-August 13, 1949, $534 (6-28-49).

PRESTRIDGE, JAMES A., JR., Assistant Professor, Architecture, two years beginning September 1, 1949, to render service during two semesters of each academic year, $4200 a year (7-12-49).

RAE, E. C., Art, Summer Session, 1949, beginning June 17-August 13, 1949, $945 (6-23-49).

RANZ, JAMES, Bibliographer, rank of Instructor, Library, beginning June 15-August 31, 1949, $3000 a year, supersedes (6-28-49).

REESE, H. E., Business Organization and Operation (½), Summer Session, 1949, beginning June 17-August 13, 1949, $367 (6-23-49).

RIVES, TOM C., Special Research Associate Professor, Electrical Engineering (S), beginning July 1, 1949-August 31, 1950, $7000 a year (7-18-49).

SANGSTER, WILLIAM, Biological Sciences (Undergraduate Division in Chicago) (⅔), Summer Session, 1949, eight weeks beginning June 20, 1949, $741, supersedes (7-9-49).

SCHERMERHORN, J. R., Mechanical Engineering (Undergraduate Division in Chicago) (⅔), Summer Session, 1949, beginning June 17-August 13, 1949, $741, supersedes (7-1-49).
SCHWARTZ, MELVIN L., Clinical Assistant, Neurology (Neurology and Neurological Surgery) (Medicine), one year beginning July 1, 1949, without salary (7-15-49).
SHELTON, R. E., Physical Education for Men, Summer Session, 1949, beginning June 17-August 13, 1949, $1023, supersedes (6-29-49).
SHEN, ELIZABETH H. H., Research Assistant, Chemistry (Graduate College), one year beginning July 1, 1949, $3900 (7-18-49).
SIMON, W. P., Social Welfare Administration (⅔), Summer Session, 1949, beginning June 17-August 13, 1949, $830, supersedes (7-12-49).
SITTNER, MRS. MOLLIE, Cataloger, rank of Instructor, Library, three months beginning June 1, 1949, $3000 a year, supersedes (6-28-49).
SKADELAND, HAROLD M., Physics (Undergraduate Division in Chicago), Summer Session, 1949, eight weeks beginning June 20, 1949, $889 (7-9-49).
SKEEN, JAMES R., Graduate Assistant, Institute of Labor and Industrial Relations, two months beginning July 1, 1949, $244.44 a month (6-29-49).
SMITH, BUFORD, JR., Electrical Engineering, Summer Session, 1949, beginning June 17-August 13, 1949, $734 (6-23-49).
SPERO, ARTHUR F., Research Associate, Electronic Digital Computer (Graduate College), beginning July 1, 1949-August 31, 1950, $4500 a year, supersedes (6-29-49).
STABNOW, EUNICE, Nursery School (Division of Special Services for War Veterans), Summer Session, 1949, beginning June 17-August 13, 1949, $556 (7-1-49).
STAMPS, FREDERICK W., Research Associate, Psychiatry (Medicine), four months beginning May 1, 1949, $10,000 a year (7-9-49).
STEINER, PAULINE J., German, Summer Session, 1949, beginning June 17-August 13, 1949, $667, supersedes (6-28-49).
STICE, LESLIE F., Associate Professor, Agricultural Economics (E), indefinite tenure beginning April 1, 1949, $5500 a year, supersedes (7-1-49).
TATE, MARJORIE L., Education, Summer Session, 1949, beginning June 17-July 30, 1949, $600 (6-29-49).
VIVIANO, JOSEPH W., Library Science, Summer Session, 1949, beginning June 17-August 13, 1949, $534 (7-12-49).
WALLING, MARY L., Research Assistant, Bureau of Economic and Business Research, two months beginning July 1, 1949, $2700 a year (7-12-49).
WEHE, R. L., Mechanical Engineering, Summer Session, 1949, beginning June 17-August 13, 1949, $667, supersedes (6-28-49).
WICHELNS, H. A., Speech, Summer Session, 1949, beginning June 17-August 13, 1949, $500 (7-7-49).
WILKES, RACHEL C., Education, Philosophy, and Psychology Library Assistant, rank of Instructor, beginning June 15-August 31, 1949, $3120 a year (6-28-49).
WOODS, B. M., Map Librarian, beginning June 15-August 31, 1949, $3000 a year (6-28-49).

GRADUATE FELLOWS

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

ARNOLD, ARTHUR, Fellow, Neuropathology (Neurology and Neurological Surgery) (Medicine), one year beginning July 1, 1949, $1200 (7-15-49).
BONNETT, ORVILLE T., JR., Fellow, Medicine, two months beginning July 1, 1949, $300 (7-8-49).
CHEIFETZ, DAVID I., Fellow, Psychology (Medicine), one year beginning July 1, 1949, $2000 (6-28-49).
CRAVEN, ARTHUR H., Research Fellow, Orthodontia (Dentistry), one year beginning July 1, 1949, $1500 (7-15-49).
DAVISSON, EDWIN O., E. I. du Pont de Nemours and Company, Inc. Special Research Fellow, Chemistry, one year beginning June 15, 1949, $1600 (6-23-49).
DEVOS, GEORGE A., Fellow, Psychology (Medicine), one year beginning July 1, 1949, $2000 (6-28-49).
FAINER, DAVID C., Research Fellow, Clinical Science (Medicine), one year beginning July 1, 1949, $1800 (7-15-49).

GIBBS, GORDON E., Research Fellow, Clinical Science (Medicine), one year beginning June 1, 1949, without salary (6-28-49).
HWANG, KAO, Research Fellow, Clinical Science (Medicine), one year beginning July 1, 1949, $2400 (7-15-49).
KELLAM, WILLIAM P., Katherine L. Sharp Fellow, Library Science, nine months beginning September 16, 1949, $850 (7-8-49).
LANGLOIS, KENNETH J., Research Fellow, Clinical Science (Medicine), one year beginning July 1, 1949, without salary (7-15-49).
MARSHALL, JOHN R., JR., Research Fellow, Pathology (Medicine), two months beginning July 1, 1949, $1800 a year (7-15-49).
MONETTE, JEAN-PAUL, Research Fellow, Orthodontia (Dentistry), one year beginning July 1, 1949, $1860 (7-15-49).
NALBANDOV, OLGA, Special Postdoctoral Fellow, Animal Science, six months beginning July 1, 1949, $1800 (7-13-49).
ROBERTSON, CHARLOTTE, Research Fellow, Clinical Science (Medicine), one year beginning June 1, 1949, $1080 (7-15-49).
ROTH, ROBERT S., National Lead Company Fellow, Geology, nine months beginning September 16, 1949, $1200 (7-8-49).
SCHUELER, ARNOLD F., Shell Fellow, Chemical Engineering, nine months beginning September 16, 1949, $1200 (6-28-49).
SHEFFNER, AARON L., Fellow, Biological Chemistry (Medicine), one year beginning July 1, 1949, $2400 (7-15-49).
SLEZAK, GEORGE C., Research Fellow, Clinical Science (Medicine), one year beginning July 1, 1949, without salary (7-15-49).
WOODHAM, JEAN, Kate Neal Kinley Memorial Fellow for 1949-1950 (6-21-49).

RESIGNATIONS AND CANCELLATIONS

CRANE, FLOYD H., Professor, Soil Fertility (Agronomy) (C) — resignation effective 9-1-49.
GELDERMAN, MRS. JANE F., Instructor, Physical Sciences (Undergraduate Division in Chicago) — resignation effective 8-31-49.
GIKLING, GRATIA, Clinical Instructor, Nursing (Orthopaedic) (Nursing) — resignation effective 8-31-49.
GOERTZ, GRAYCE E., Instructor, Home Economics (C) — resignation effective 8-31-49.
HUBBARD, MARY O., Associate, Home Economics 4-H Club Work (E) — resignation effective 9-1-49.
JANSSEN, MRS. PEARL Z., Home Economics, Summer Session, 1949 — cancellation effective 6-20-49.
KAESER, MARION A., Instructor, Home Furnishings Extension (Home Economics) (E) — resignation effective 8-1-49.
MARSHALL, JOHN M., Markle Foundation Research Fellow, Physiology (Medicine) — resignation effective 7-1-49.
PORTER, MRS. RUTH E. L., Dean of Women (Undergraduate Division in Chicago) — resignation effective 7-16-49.
SCHNEIDER, MRS. MARY J., Research Fellow, Pathology (Medicine) — resignation effective 7-31-49.
SCOFIELD, ELIZABETH K., Instructor, Health Education (Home Economics) (C & E) — resignation effective 7-15-49.
SMITH, G. F., Chemistry, Summer Session, 1949 — cancellation effective 6-17-49.
SMITH, GEORGE W., Assistant Professor, History (Division of General Studies) — resignation effective 9-1-49.
WOMER, DOROTHY E., Head Resident, Evans Hall — resignation effective 7-1-49.

STEAM HEATING PLANT FOR CHICAGO PROFESSIONAL COLLEGES

Resolution authorizing acceptance of ordinance passed on June 22, 1949, by City Council of the City of Chicago

Resolved: That the Board of Trustees of the University of Illinois hereby authorizes, empowers and directs the Comptroller and the Secretary of this Board, in the name and on behalf of this Board, to execute and file with the City Clerk of the City of Chicago, Illinois, an acceptance of the ordinance duly passed by the City Council of such City on June 22, 1949 (and now effective subject only to the

filing of such acceptance) granting permission and authority "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 conduits, tunnels, steam and condensate pipes and related accessories in any and all streets, avenues, alleys, and public places within the boundaries of the 'Medical Center District' as now or hereafter established," in said City of Chicago; such acceptance to be in the form submitted to this meeting; that the Secretary of this Board be and he is hereby directed to file with the records of this meeting, properly identified, a copy of such acceptance in the form submitted to this meeting; and that the Comptroller and the Secretary of this Board be and they are hereby authorized, empowered and directed, at the time of filing such acceptance with such City Clerk, to pay to the City of Chicago, in the name and on behalf of this Board, as compensation for the privileges granted in and by such ordinance, the sum of Ten Dollars ($10.00), for the full term of such ordinance, in compliance with the provisions of Section 4 of such ordinance.

Ordinance

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 conduits, tunnels, steam and condensate pipes and related accessories in any and all streets, avenues, alleys, and public places within the boundaries of the "Medical Center District" as now or hereafter established, the present boundaries being Ashland Boulevard on the East, a line co-incidental with Congress Street extending from Ashland Boulevard in a westerly direction to Oakley Boulevard on the North, Oakley Boulevard on the West and Roosevelt Road on the South, together with the necessary manholes, for a period of forty (40) years from and after the date of the passage of this ordinance, and thereafter until terminated by at least six months' written notice by the City to the grantee, or by like notice from the grantee to the City.

SECTION 2. Said conduits, tunnels, steam and condensate pipes, accessories and manholes 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. If and when requested by the Commissioner of Public Works, the grantee shall file with such Commissioner at any time or from time to time, as and when any construction work is done by the grantee pursuant to this ordinance, a plat or plats showing the location of said conduits, tunnels, steam and condensate pipes, accessories and manholes. The grantee shall keep that portion of any street, avenue, alley or public way over the structures and appliances herein authorized, and the openings thereto, in good condition and repair, safe for public travel, to the satisfaction of the Commissioner of Public Works. Upon termination of the privileges herein granted by lapse of time, or otherwise, the grantee, without cost or expense to the City of Chicago, shall, upon the written request of the City, remove the structures and appliances herein authorized, and in the event of the failure, neglect or refusal of the grantee so to do, the City of Chicago may do said work and charge the cost thereof to the 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. The grantee agrees to pay the City of Chicago as compensation for the privileges herein granted the sum of Ten Dollars ($10.00) for the full term of this ordinance, said payment to be made as of the date of the acceptance of this ordinance.

SECTION 5. This ordinance shall take effect and be in force from and after its passage, provided the grantee files a written acceptance of this ordinance with the City Clerk within six months after the passage of this ordinance.

Resolution authorizing assignment to Medical Center Steam Company of ordinance passed June 22, 1949, by City Council of the City of Chicago

Resolved: That, upon the filing with the City Clerk of the City of Chicago of the acceptance (authorized to be filed in and by another resolution this day adopted by this Board) of the ordinance hereinafter in this resolution mentioned, the Board of Trustees of the University of Illinois hereby authorizes, empowers and directs the Comptroller and the Secretary of this Board, in the name and on behalf of this Board, to execute and deliver to Medical Center Steam Company, an Illinois corporation, an assignment of all the rights, benefits, privileges and advantages granted and conferred by the ordinance duly passed by the City Council of the City of Chicago, Illinois, on June 22, 1949, granting permission and authority "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 conduits, tunnels, steam and condensate pipes and related accessories in any and all streets, avenues, alleys and public places within the boundaries of the 'Medical Center District' as now or hereafter established," in said City of Chicago; such assignment to be substantially in the form submitted to this meeting; and that the Secretary of this Board be and he is hereby directed to file with the records of this meeting, properly identified, a copy of such assignment in the form submitted to this meeting.

Resolution authorizing execution of revised steam contract with Medical Center Steam Company

Resolved: That the Board of Trustees of the University of Illinois hereby approves, in the form submitted to this meeting, the proposed revised agreement between Medical Center Steam Company, a corporation organized on June 28, 1949, and now existing under the laws of Illinois, and this Board (such proposed revised agreement being a revision of the proposed agreement approved for execution by this Board at its meeting held on May 21, 1949), providing for the construction by the Steam Company of a central steam plant and distribution system and the furnishing of steam service to the University, and through the University to other institutions located within the Medical Center District as defined in such revised agreement, all upon the terms and subject to the conditions set forth in such revised agreement; that the Comptroller and the Secretary of this Board be and they hereby are authorized, empowered and directed, in the name and on behalf of this Board, to execute and deliver such revised agreement in the form submitted to this meeting or with such changes in such form, not of substance, as may be approved by such officers, their approval of any such changes to be conclusively evidenced by their execution and the delivery of such revised agreement; that upon the execution of such revised agreement by this Board and the Steam Company, the proper officers or agents of this Board be and they hereby are authorized, empowered and directed to do all such things as may be necessary to carry out and perform all of the obligations of this Board under such revised agreement; and that the Secretary of this Board be and he hereby is directed to file with the records of this meeting, properly identified, a copy of such revised agreement in the form submitted to this meeting, and also, if any changes be made in such agreement prior to the execution thereof, a copy thereof as executed and delivered by the parties thereto.

Resolution authorizing conveyance of certain real estate to Medical Center Steam Company

Resolved: That the Board of Trustees of the University of Illinois, in furtherance of the purposes of the steam contract dated as of July 1, 1949, between Medical Center Steam Company and this Board, hereby authorizes, empowers and directs the Comptroller and the Secretary of this Board, in the name and on behalf of this Board, to execute and deliver to Medical Center Steam Company, an Illinois corporation, a warranty deed conveying to such Medical Center Steam Company the following described real estate, to wit:

(Here insert description of the real estate presently to be conveyed, representing a portion of the site of the proposed steam plant and coal storage yard of the Steam Company)

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

(Here describe all other parcels which are to form a part of the site of the steam plant and coal storage yard)

AGREEMENT dated as of July 1, 1949, between Medical Center Steam Company (hereinafter called the "Company") and the Board of Trustees of the University of Illinois (hereinafter called the "University")

WITNESSETH:

Whereas, the Company is an Illinois corporation organized for the exclusive purpose of providing central steam service to the University, and through the University to other institutions in the Medical Center District (as hereinafter defined) as may from time to time enter into contracts with the University for steam service pursuant hereto; and

Whereas, the University requires an adequate and continuous steam supply for its teaching and research programs and for the care of patients in its own and other hospitals with which the University may contract pursuant hereto; and

Whereas, the existing facilities of the University are inadequate to provide such service to the new buildings to be constructed by the University; and

Whereas, the Company, an Illinois corporation, has been organized by Commonwealth Edison Company, the Company's sole stockholder, at the request of the University; and

Whereas, the Company's charter powers are limited to the furnishing of central steam service to the University; and

Whereas, the University desires to contract with the Company for steam service in accordance with the terms hereof;

Now, Therefore, the parties hereto agree as follows:

ARTICLE I. DEFINITION OF MEDICAL CENTER DISTRICT

SECTION 1.01. The term "Medical Center District" shall mean an area within the City of Chicago the boundaries of which are Ashland Boulevard on the East, a line co-incidental with Congress Street extending from Ashland Boulevard in a westerly direction to Oakley Boulevard on the North, Oakley Boulevard on the West and Roosevelt Road on the South.

Such area for the purposes of this agreement may be increased or decreased but only by agreement of the Company and the University.

ARTICLE II. PROPERTY ADDITIONS AND REPLACEMENTS

SECTION 2.01. The Company in accordance with a reasonable time schedule approved in writing by the University shall construct a low pressure central steam plant and distribution system in accordance with plans and specifications prepared and approved as provided in Section 2.02. The facilities to be provided by the Company, in addition to such plant and distribution system, shall include all land, rights, privileges and permits therefor, together with a reasonable inventory of operating and maintenance materials and supplies, fuel and an adequate cash working fund. The Company shall not be obligated, without its consent, to expend more than $10,000,000 for all facilities provided hereunder including the construction of the initial system and all additions thereto.

SECTION 2.02. Plans and specifications for the initial facilities shall be prepared by the Company in accordance with the general directions of the University. Plans and specifications for additions to and replacements of the Company's facilities shall be prepared by the Company in accordance with the general directions of the University. Before the Company proceeds with any such work the plans and specifications therefor shall have been approved in writing by the University. Before the Company enters into any construction contract which involves or may involve $50,000 or more, such contract shall have been approved in writing by the University.

SECTION 2.03. The Company shall have the right, if necessitated by operating emergency, to make replacements of and additions to its facilities after consultation with the University but without prior approval of the plans and specifications therefor by the University, provided that the Company shall not expend under the provisions of this Section 2.03 more than $50,000 in any calendar year.

SECTION 2.04. If, at any time, the Company is of the opinion that an addition to or replacement of any of its facilities is necessary to the safe operation of such facilities, and if the University fails within a period of 60 days to approve plans and specifications for such work, the Company shall have the right to refer the matter to arbitration as hereinafter provided.

SECTION 2.05. The University shall at all times have designated a qualified person to act for it, with full power to sign requests, approvals, consents, designations and other authorizations hereunder, and to receive notices, requests, demands or other communications hereunder.

ARTICLE III. STEAM SERVICE

SECTION 3.01. The Company shall furnish steam service and the University shall take and pay for such service upon the terms and conditions hereof.

SECTION 3.02. The University shall have the right to furnish steam contracted for herein by the University and not required by it for its own use, to any governmental agency, charitable institution or other institution located in the Medical Center District upon such terms and conditions as may be agreed upon by contract between the University and such governmental agency, charitable institution or other institution.

SECTION 3.03. The Company shall furnish the University, and any governmental agency, charitable institution or other institution located in the Medical Center District having a contract with the University pursuant to Section 3.02, such amount of steam service as the University shall request from time to time subject only to the limitation that, if at any time the service requested to be furnished from any facility exceeds the capacity of such facility, the service from such facility shall be limited as directed by the University.

ARTICLE IV. THE COMPANY'S INVESTMENT

SECTION 4.01. The Company's "investment" in facilities, other than facilities comprising working capital, for any month shall mean the cost of such facilities, including carrying charges during construction as hereinafter provided. The Company's "investment" in working capital for any month shall mean (a) the cost of the Company's inventory of operating and maintenance materials and supplies and fuel, plus (b) an allowance for cash working funds in the amount of 2% of the Company's investment in all facilities other than working capital.

SECTION 4.02. The Company's "amortization reserve" for facilities shall mean the amortization charged with respect to such facilities after deducting retirements and adding net salvage.

SECTION 4.03. The Company's "unamortized investment" in facilities shall mean the Company's investment in such facilities after deducting the Company's "amortization reserve" with respect thereto. Any contributions received by the Company in aid of construction shall also be deducted in determining the Company's unamortized investment in facilities. The University shall have the right to make such contributions at any time before, during or after construction.

ARTICLE V. THE COMPANY'S CHARGES

SECTION 5.01. For each month the Company shall be entitled to an investment charge comprising the sum of the amounts calculated as follows:

(a) From the total of the Company's unamortized investment as of the beginning of such month in all facilities there shall be deducted the weighted average principal amount of the Company's indebtedness to others than Commonwealth Edison Company, and the remainder shall be multiplied by one-twelfth of 5%; provided, however, that for months prior to the month of July, 1951 such remainder shall be deemed to be the weighted average principal amount of the Company's indebtedness to Commonwealth Edison Company;

(b) The interest accrued, including amortization of debt discount, premium and expense, during such month on the Company's indebtedness to others than Commonwealth Edison Company; and
(c) An income tax charge for such month calculated as follows:
(1) The estimated income tax to be incurred by Commonwealth Edison Company during the current calendar year upon income from investments by Commonwealth Edison Company in the Company shall be divided by twelve. The amount thus determined shall be the "income tax accrual" for such month.
(2) There shall be added to or subtracted from the income tax accrual for such month the amount of any proper adjustments of income tax charges for periods prior to such month.

SECTION 5.02. For each month beginning with the month of July, 1951 the Company shall be entitled to an amortization charge calculated as follows:
(a) The amortization charge for each month prior to the month of June, 1981 shall be equal to the quotient obtained by dividing
(1) the Company's unamortized investment as of the beginning of such month in all facilities, other than facilities comprising working capital, by
(2) the number of months in the period from the beginning of such month to the end of the month of June, 1981.
(b) The amortization charge for the month of June, 1981 shall be the amount necessary to make the Company's amortization reserve for all facilities, other than facilities comprising working capital, equal to the Company's investment in such facilities, all as of the end of such month.

SECTION 5.03. For each month the Company shall be entitled to a general tax charge calculated as follows:
(a) From the amount provided by the Company for taxes for such month, there shall be deducted any amount included therein for revenue taxes charged for under Section 5.06. The amount thus determined shall be the Company's "general tax accrual" for such month.
(b) There shall be added to or subtracted from the general tax accrual for such month the amount of any proper adjustments of general tax accruals for periods prior to such month.

SECTION 5.04. For each month the Company shall be entitled to an operating charge calculated by deducting from the amounts properly charged by the Company for such month to operating expenses and maintenance the amounts included therein for fuel and the net cost of ash disposal.

SECTION 5.05. For each month the Company shall be entitled to a steam charge calculated by adding to the cost of fuel burned during the month the net cost of ash disposal.

SECTION 5.06. For each month the Company shall be entitled to a revenue tax charge, if any is payable. The revenue tax charge shall be equal to the amount for such month of all gross revenue, sales or other similar taxes payable by the Company.

SECTION 5.07. The Company's carrying charges during construction included in investment as provided in Section 4.01 shall be such portion of its charges under Section 5.01 to 5.06, inclusive, as is properly allocable to construction; provided, however, that no amount shall be allocable to construction which shall have been billed to the University subject to current payment. The remainder of such charges shall be billed to the University monthly and paid for by it as hereinafter provided.

ARTICLE VI. METHOD OF OPERATION

SECTION 6.01. The Company shall operate its facilities in a prudent and efficient manner and subject to the general direction of the University. Operations of the Company may be conducted, in whole or in part, by Commonwealth Edison Company for the Company. The payments by the Company to Edison for such services shall not include any profit to Edison but, insofar as such services are furnished to the Company by employees of Edison, the payments therefor shall include properly calculated compensation to Edison for all indirect costs, including pensions, payroll taxes, vacations, supervision and idle-time. Because the University and others having contracts with the University pursuant to Section 3.02

are engaged in activities of an educational or charitable character, the Company's payment to Edison for the general administration of the Company shall be limited to $1,000 per month. No compensation shall be paid by the Company to its officers or directors. Nothing in this Section shall be deemed to preclude the payment of interest and dividends to Edison.

SECTION 6.02. The University, once in each calendar year, shall be furnished a copy of an audit report, in reasonable detail, by Edison's regular independent public accountants which shall be a firm of recognized national standing.

SECTION 6.03. The University shall have access at all reasonable times to the properties, accounts and records of the Company for the purpose of determining compliance with the provisions hereof.

ARTICLE VII. MONTHLY BILLS

SECTION 7.01. As soon as practicable after the end of each month, the Company shall render the University a bill for all charges determined by the Company to be due hereunder up to the end of such month, and the University shall pay such bill within 30 days after the receipt thereof. Such monthly bills shall include such information as the University may request from time to time as to the service furnished to the University and others having contracts with the University pursuant to Section 3.02. The Company shall also, from time to time, upon request of the University, furnish to the University such information as the University may reasonably request in order to enable it to determine the accuracy and reasonableness of bills rendered in accordance with the terms and conditions of this agreement.

SECTION 7.02. If it shall be found at any time during the term hereof that any bill rendered by the Company to the University has not been determined in accordance with the provisions hereof, the Company shall promptly correct such bill. If the University and the Company cannot agree as to the correctness of any bill, such bill shall nevertheless be paid when due under the provisions of Section 7.01 but the matter shall be submitted to arbitration as hereinafter provided.

SECTION 7.03. Should the University fail to pay in full any bill when due, the Company shall have the right to discontinue, for that cause, the furnishing of service hereunder until such bill is paid, after giving the University 15 days' notice of the Company's intention to do so. Any such discontinuance shall not discharge the University from its obligation to continue to make all payments in accordance with the provisions hereof. The right of the Company to discontinue the furnishing of service as above provided shall be cumulative and in addition to any and every other remedy given hereunder or otherwise existing.

ARTICLE VIII. ARBITRATION

SECTION 8.01. If, at any time, a difference of opinion shall arise between the parties hereto in regard to their respective rights, duties and obligations hereunder, or in respect of any payments to be made by virtue hereof, and the parties hereto are unable to come to a mutual agreement thereon within 90 days thereafter, or within a longer period if both parties agree thereto, the question, or questions, in dispute shall be referred to a Board of Arbitrators consisting of three persons skilled in the particular matter which is the subject of dispute.

SECTION 8.02. Each of the parties hereto shall choose one of such arbitrators, and the two so chosen shall select the third arbitrator.

SECTION 8.03. The party desiring such arbitration shall give written notice thereof to the other party, setting forth definitely therein the point, or points, in dispute and naming the person selected by such party to act as arbitrator.

SECTION 8.04. If the party on whom such notice is served shall for 20 days thereafter fail to name by notice to the other party a person to act as its arbitrator, then the party giving such notice shall name the second arbitrator, and the two thus chosen shall select the third arbitrator.

SECTION 8.05. If the two arbitrators chosen as herein provided shall be unable to agree upon a third arbitrator within 20 days after their appointment (or if they were appointed on different days, then within 20 days after the appointment of the one last appointed), then such third arbitrator shall be named and selected

by the person who at the time shall be performing the duties of Chief Judge of the United States District Court for the Northern District of Illinois, Eastern Division, and application may be made upon two days' notice in writing to the parties hereto by either or both arbitrators to such Judge for such purpose.

SECTION 8.06. The Board of Arbitrators so chosen shall immediately proceed to hear and determine all matters submitted to them, after giving to each party hereto not less than five days' notice of the time and place of meeting; and at the time and place appointed, they shall proceed promptly to hear and dispose of the matters in dispute unless in their judgment the hearing should be adjourned to a later day or days, of which adjournment like notice shall be given unless notice is waived by both parties, in which case the hearing may proceed at any earlier day.

SECTION 8.07. The determination of such Board of Arbitrators acting by majority vote as to any matter so submitted to them shall be final and conclusive upon the parties hereto, and such parties shall abide by such decision and perform the conditions thereof as if the same were made a part hereof.

SECTION 8.08. All expenses connected with such arbitration, including a reasonable compensation to the arbitrators, shall be borne by the Company and shall be included in its operating expenses for purposes of billing hereunder.

ARTICLE IX. TERM

SECTION 9.01. The term of this agreement shall be for a period commencing July 1, 1949, and terminating June 30, 1981. Upon such termination the Company shall convey to the University all the Company's facilities, other than facilities comprising working capital, and all the Company's inventory of operating and maintenance materials and supplies and fuel, and upon such conveyance the University shall pay to the Company (a) all unpaid charges for service furnished hereunder including costs of discontinuing the business of the Company, (b) an amount equal to the cost of the Company's inventory of operating and maintenance materials and supplies and fuel, and (c) an amount equal to any redemption premium, including accrued interest, the Company is obligated to pay on indebtedness of the Company held by others than Commonwealth Edison Company.

SECTION 9.02. The University shall have the right to terminate this agreement and to have such facilities conveyed to it at any time prior to its regular termination upon six months' written notice to the Company upon payment to the Company, in addition to the amounts required to be paid under Section 9.01, of an amount equal to the Company's unamortized investment in all facilities other than facilities comprising working capital.

SECTION 9.03. The right of the University to have such facilities of the Company conveyed to it upon termination hereof under either Section 9.01 or 9.02 shall be subject to the prior discharge of any and all mortgage liens on such facilities, and the Company agrees, upon such termination and upon the making by the University of the payment required to be made by it, to deposit with the trustee or trustees under such mortgage lien or liens funds sufficient for the discharge thereof.

ARTICLE X. MISCELLANEOUS

SECTION 10.01. The Company shall not be liable to the University, or to others having contracts with the University pursuant to Section 3.02, for any loss or damage resulting from delay in delivery or non-delivery of all or any portion of the steam service to be furnished hereunder unless such delay or non-delivery occurs through the negligence or wilful default of the Company. The Company shall, however, in the event of any such delay or non-delivery, promptly take all reasonable steps to establish service or resume full service at the earliest practicable time.

SECTION 10.02. Subject to the provisions of Section 10.01, during the term hereof the Company shall indemnify the University against all claims for damages in favor of third persons arising from the construction, installation, relocation, removal, operation or maintenance of the Company's facilities; and the Company shall reimburse the University for all damages, costs, expenses and attorneys' fees that the University may be put to or incur in defending, or by reason of, any suit brought against it for such damages; provided, however, that all expenditures

made and costs incurred, including damages, by the Company with respect to any such claim, and all reimbursements of the University by the Company with respect to any such suit, shall be included in the Company's operating expenses for the purposes of billing hereunder unless the Company's outlays for such purposes shall have resulted from the negligence or wilful default of the Company. During the term hereof the University shall indemnify the Company against all claims for damages in favor of third persons arising from the construction, installation, relocation, removal, operation or maintenance of the University's facilities; and the University shall reimburse the Company for all damages, costs, expenses and attorneys' fees that the Company may be put to or incur in defending, or by reason of, any suit brought against it for such damages.

SECTION 10.03. Unless the party addressed shall otherwise consent in writing, each notice, request, demand or other communication required to be given or which may be given under any provision of this agreement shall be given in writing. Each such communication shall be addressed to such person or place as may be designated in writing from time to time by the party addressed. If no person or place has been designated with respect to a particular type of communication to the University, it shall be addressed to the person designated by the University under the provisions of Section 2.05. If no person or place has been designated with respect to a particular type of communication to the Company, it shall be addressed to the Company at 72 West Adams Street, Chicago, Illinois.

SECTION 10.04. This agreement is entered into, on behalf of the Company, subject to the consent and approval of Illinois Commerce Commission.

SECTION 10.05. All provisions and terms of this contract shall be subject to the provisions of Article 4, Section 18 of the Constitution of Illinois, 1870, and to Section 7 of an Act to provide for the organization and maintenance of the University of Illinois, approved February 28, 1867, as amended, the same being Section 28 of Chapter 144, of the Illinois Revised Statutes, 1947.

SECTION 10.06. This agreement is executed in duplicate, and shall inure to and be binding upon the respective successors and assigns of the Company and the University; provided, however, that neither party may assign this agreement without the prior written consent of the other party.

In Witness Whereof, Medical Center Steam Company has caused this agreement to be executed in its corporate name by its President, and its corporate seal to be hereunto affixed and attested by its Secretary, and The Board of Trustees of the University of Illinois has caused this agreement to be executed in its name by its Comptroller and its Secretary, and its corporate seal to be hereunto affixed by its Secretary, all as of the day and year first above written.

MEDICAL CENTER STEAM COMPANY

ATTEST:

By_____
President

_____
Secretary

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

By_____
Comptroller

By_____
Secretary

APPROVED:

_____
Business Manager, Chicago

_____
Director of the Physical Plant Department

_____
Legal Counsel

PURCHASES

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

Item	*Department*	*Vendor*	*Cost*
Fire and extended coverage insurance in the amount of $2,450,000 on the Lincoln Avenue Residence (the new Women's Residence Hall), 1005 South Lincoln Avenue, Urbana, including unearned premium insurance, subject to 80 per cent co-insurance, for five years to be written with approximately the same amount expiring each of the five years. Each company to provide coverage of $350,000.	Residence Halls	Walter Savage, Pacific Fire Insurance Co., Champaign	$ 171 01
		Waldo Ames, Firemen's Insurance Co., Chicago	342 02
		S. B. Trelease, Insurance Company of North America, Champaign	390 90
		Forest McGrew, American Equitable Insurance Co., Galesburg	513 03
		Gordon Kazar, General Insurance Co., Bloomington	684 04
		V. P. Hartwell, Central Manufacturers Insurance Co., Peoria	855 04
		H. E. McDonald, Central Manufacturers Insurance Co., Peoria	855 04
			$3 811 08
Lounge furniture for student and staff apartments	Physical Plant	Mandel Brothers, Chicago	2 551 88 f.o.b. Urbana
One 3,000-pound capacity hand operated portable elevator, lifting height 8 ft., with auto steer	Purchasing Division	J. C. Edwards, Peoria	1 086 00 f.o.b. Urbana
One photolith layout and register table with triple-spacing automatic mechanism. This table is used to prepare negatives of forms to be printed on the new off-set press.	Print Shop	Craftsman Line-Up Table Corp., Waltham, Mass.	1 450 00 f.o.b. Waltham
One model DSJ varityper equipped with two styles of type, 13 type plates, composing desk, layout board and copy holder to be used in the preparation of copy for off-set printing	Stenographic Bureau	Ralph C. Coxhead Corp., Springfield	2 550 00
One milk condensing pan complete with pumps and controls; one 220-gallon vat for heating and cooling milk, to be used in conjunction with the vacuum pan	Food Technology	Arthur Harris & Co., Chicago	6 518 50
One 42" electrically heated dryer for drying blueprints, 220 volt, 60 cycle, single phase current; single belt type with band control, chromium cylinder, variable speed drive	General Engineering Drawing	C. F. Pease Co., Chicago	1 626 90 f.o.b. Chicago
Two 150-volt at 0-25 amps direct current power supply units; one 300-volt at 0-15 amps direct current power supply unit, to provide power supply for digital computer	Graduate College	Power Equipment Co., Detroit, Mich.	10 179 00 f.o.b. Detroit
20,000 test booklets for the New California Short-Form Test of Mental Maturity, Advanced '47 S-Form (machine-scoring edition); 50,000 machine-scoring Answer Sheets for the New California Short-Form Test of Mental Maturity, Advanced '47 S-Form	Bureau of Research and Service	California Test Bureau, Hollywood, Calif.	2 430 00
120 ft. 2" galvanized steel pipe; 2,560 ft. 1½" ditto; 4,560 ft. 1" ditto; 80 ft. ¾" ditto	Physical Plant	Field & Shorb Co., Decatur	1 382 06 f.o.b. Urbana
100 ft. prefabricated and insulated underground steam pipe (2" steam pipe and 1" return)	Physical Plant	E. B. Kaiser Co., Chicago	1 445 00 f.o.b. Chicago
212 No. 705 glass Tungsten sealing molded cylinders; 121 lbs. No. 705 Tungsten sealing tubing; 100 lbs. No. 703 cane; 96 No. 772 molded glass cylinders; 250 No. 774 Pyrex molded cylinders, round bottoms	Physics	Corning Glass Co., Corning, N.Y.	2 894 81 f.o.b. factory

Item	*Department*	*Vendor*	*Cost*
400 tons agricultural limestone delivered and spread on University Airport	Institute of Aviation	R. J. Hixson, Champaign	1 225 00
1,400 tons (approximately) pea size coke to be delivered as required during the 1949-1950 season to Illini Village and Stadium Terrace	Residence Halls	J. S. Bash & Sons, Champaign	18 606 00 (approximately)
1,200 copies *Three Lantern Slides* by J. T. Winterich	University Press	H. Wolff Book Manufacturing Co., Inc., New York City	985 23
Final cost will depend upon author's alterations and number of pages, and may exceed $1,000.			
25,000 copies agricultural subject matter pamphlets, total estimated number of pages, 150	Agricultural Administration	Interstate Printers and Publishers, Inc., Danville	7 307 50 f.o.b. Urbana
4,000 copies crop storage plan catalog; 300 sets working drawing of "30 Crop Storage Buildings"	Extension Service in Agriculture and Home Economics	Mid West Plan Service, Iowa State College, Ames, Iowa	2 340 00
15,000 copies of 1949-1950 Chicago Undergraduate Division catalog	University Press	Strathmore Co., Aurora	2 275 00 delivered
Rental of caps and gowns for August 14, 1949, Commencement (approximately 400 bachelor's and 250 master's)	Purchasing Division	Collegiate Cap & Gown Co., Champaign	1 200 00
One laboratory table, wall, 19′10″x 30″x37″, birch top; two laboratory tables, center 16′10″x54″x37″, birch top; one wall case 15′10″x 24″x10′11″, glass sliding doors	Physical Plant	Walrus Manufacturing Co., Decatur	4 400 00 f.o.b. Urbana
One centrifuge, laboratory, super speed, stainless steel, cooling coils, virus bowl and cover, steam operated, complete with safety operating controls	Bacteriology	E. H. Sargent & Co., Chicago	1 385 00 f.o.b. Urbana
12 incubators, laboratory, controlled, 35″x18″x27″ I.D., 115 volts A.C. 300 watts; 3 incubators, laboratory, controlled, 18″x18″x27″ I.D., 115 volts A.C., 150 watts	Bacteriology	Schaar & Co., Chicago	2 973 50 f.o.b. Urbana
One Warburg apparatus, circular, refrigerated, 20 unit, 115 volts, 60 cycles; 20 Warburg manometers, 3 way stopcock; 20 reaction vessels, conical with center wells and sacs (a special application of the Warburg principle of measuring respiratory exchange and blood gases)	Bacteriology	E. H. Sargent & Co., Chicago	1 580 00
One two-tank dishwashing machine, stainless steel, conveyor type, 220 volt, 3 phase, 60 cycle, 5 h.p.	Residence Halls	Webb Equipment Co., Bloomington	2 895 00 f.o.b. Urbana
84 Swartzbaugh everhot rangettes with sealed unit	Residence Halls	Efengee Electrical Supply Co., Inc., Chicago	1 884 96 f.o.b. Urbana
75 (approximate) uniforms for R.O.T.C. Air Force advanced students for the school year 1949-1950	Military	The Royal Tailors, Inc., Chicago	4 911 00
Resurfacing of the roof on Physical Plant Warehouse No. 1, including all labor and materials	Physical Plant	J. L. Kingston & Son Sheet Metal & Roofing Co., Bloomington	1 974 00
2,500 tons 1½″ screenings coal for delivery to Abbott Power Plant during the month of August, 1949	Physical Plant	Bell & Zoller Coal Co., Chicago	11 385 00
Laundry service for various departments for a two-year period ending June 30, 1951		Model Laundry and the White Line Laundry, Champaign	40 000 00 (estimate)
Eight electric semi-automatic pinsetters to be installed in Illini Union Bowling Alleys	Illini Union	Brunswick-Balke-Collender Co., Chicago	3 960 00 f.o.b. Muskegon, Mich.

GALESBURG UNDERGRADUATE DIVISION

SUMMARY OF EXPENDITURES TO JUNE 30, 1949

	1946-1947	*1947-1948*	*1948-1949*[1]	*Total*
Installation and Remodeling	$ 457 052 83	.....	.....	$ 457 052 83
Operation:				
Academic	252 964 72	$ 531 119 20	$ 447 582 16	1 231 666 08
Administrative	136 099 74	255 584 39	254 471 44	646 155 57
Physical Plant, Operation and Maintenance	328 854 65	529 028 77	392 093 17	1 249 976 59
Auxiliary Activities	488 683 60	781 569 32	585 135 45	1 855 388 37
Subtotal, Operation	(1 206 602 71)	(2 097 301 68)	(1 679 282 22)	(4 983 186 61)
Total, Expenditures	$1 663 655 54	$2 097 301 68	$1 679 282 22	$5 440 239 44
Equipment (included in Operation)	(202 078 71)	(181 129 16)	(39 583 37)	(422 791 24)
Sources of Income:				
State Appropriations from General Revenue	1 038 916 44	1 054 481 71	923 117 55	3 016 515 70
Student Fees	136 055 50	261 250 65	171 029 22	568 335 37
Total, General Income	$1 174 971 94	$1 315 732 36	$1 094 146 77	$3 584 851 07
Operation of Auxiliary Activities	387 993 00	793 482 09	723 091 51	1 904 566 60

[1] Preliminary figures subject to audit.

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED JUNE 11 TO JULY 10, 1949

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
Country Mutual Fire Co.	Investigations with soybean in yield losses sustained from hail storm damage	$1 800 00	May 31, 1949
Illinois State Florists' Association	Development and application of a new device for the study of the nutrient requirement of plants	1 400 00	May 2, 1949
VioBin Corp.	Nutritive value of wheat germ oil with particular reference to its content on nonvitamin E vitamin factor	1 500 00	April 27, 1949
Niagara Chemical Co.	Methods for controlling bacterial spot of peaches	1 000 00	June 7, 1949
International Minerals and Mining Corp.	Influence of secondary elements in fertilizers on the yield and mineral balance in plant growth	3 000 00	June 16, 1949
Illinois Farm Bureau Serum Association	Determine the value of sulfonamides, antibiotics, and other agents in the treatment of swine diseases under laboratory and field conditions	5 000 00	May 31, 1949
Standard Oil Co.	Physical and chemical properties most desired in petroleum oils to be used in insecticide formulations	5 000 00	June 15, 1949
Lumber Dealers Research Council	Planning principles for houses utilizing modular design	6 000 00	June 24, 1949
War Department, Signal Corps	Contract No. W-36-039-SC-38202	5 047 90	December 16, 1948
Air Force Department	Contract No. AF-19-(122)-5	57 550 00	October 21, 1948
Atomic Energy Commission	Contract No. AT(30-3)-28	48 750 00	March 18, 1949
War Department, Ordnance	Contract No. W-11-022-ORD-11362	50 000 00	April 13, 1949
Navy Department, Office of Naval Research	Contract No. N6ori-07124	20 439 00	April 1, 1949
Veterans Administration	Instruction of veterans at Navy Pier from September 13, 1948, to August 13, 1949 (Contract No. V3028V-533)	Rates per contract	May 25, 1949

With Whom	*Purpose*	*Amount to be Paid by the University*	*Date*
Twin City Roofing Co.	Reroofing Arcade Building	$1 390 00	May 24, 1949
Irving L. Peterson	Architectural services for landscaping area around East Chemistry Building and Physics Research Laboratory	1 000 00	June 6, 1949
Illinois Power Co.	Electric service agreement for the lighting and power requirement of Allerton House	Rates per contract	May 24, 1949

Leases Executed Under General Regulations of the Board of Trustees

With Whom	*Property*	*Amount to be Paid to the University*	*Date*[1]
John Pringle	First-floor apartment of the Burt house at University of Illinois Airport	$ 65 00 a month	June 17, 1949
Preston Dunlap	Second-floor apartment of the Burt house at University of Illinois Airport	$ 60 00 a month	June 17, 1949

With Whom	*Property*[2]	*Amount to be Paid by the University*	*Date*
Mary H. Seten	Rooms 8 and 9, Seten Building, northwest corner of Vine and Locust Streets, Harrisburg	$45 00 a month (July 1, 1949, to July 1, 1951)	July 1, 1949

[1] Leases terminate June 30, 1950.
[2] All for offices for Division of Services for Crippled Children.

With Whom	*Property*[1]	*Amount to be Paid by the University*	*Date*
Lyda M. Berry	Rooms 201 and 202, 526 South Seventh Street, Springfield	85 00 a month (July 1, 1949, to July 1, 1951)	June 25, 1949
Central National Bank & Trust Co. of Peoria	Rooms 718-722 Central National Bank Building, Peoria	225 00 a month (July 1, 1949, to June 30, 1951)	June 7, 1949
Franklin-Adams Co.	Rooms 1429-41-43-45, Adams-Franklin Building, 222 West Adams Street, Chicago	529 00 a month (July 1, 1949, to June 30, 1951)	June 4, 1949
Frances Levin	Two rooms on second floor of building located at 406½ West Gallatin, Vandalia	65 00 a month (May 1, 1949, to April 30, 1951)	May 1, 1949

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

With Whom	*Purpose*	*Amount*
Lewis S. Colbert	Fifty-three change orders	$47 229 95
Reliable Plumbing and Heating Co.	Twenty-five change orders	13 820 77
Schroeder's	Ten change orders	2 552 59
Square Deal Electric Co.	Twenty-one change orders	3 517 19

TOTAL AMOUNTS OF ORDERS ISSUED UNDER STANDING CONTRACTS FOR MINOR IMPROVEMENTS — JULY 1, 1948, to JUNE 30, 1949

With Whom	*Total Amount*
Lewis S. Colbert	$302 385 38
Reliable Plumbing and Heating Co.	67 488 27
Schroeder's	30 938 08
Square Deal Electric Co.	61 277 69
Total	$462 089 42

REPORT ON UNIVERSITY OF ILLINOIS LEGISLATION

Appropriation Bills

(Funds are subject to release by the Governor)

SENATE BILL 416. "An Act to provide for the ordinary and contingent expenses of the University of Illinois." (Approved by the Governor).

This was the biennial operating budget of the University for the following purposes:

1. From General Revenue Fund:	
Personal services	$41 442 124
Travel	300 000
Office expense	400 000
Contractual services	2 150 000
Commodities	4 200 000
Equipment	1 800 000
Employer's contributions to the University Retirement System of Illinois	1 579 618
Permanent improvements	400 000
Total	$52 271 742
2. From University Income Fund:	
Personal services	$ 6 850 000
Contractual services	600 000
Commodities	3 000 000
Equipment	900 000
Refunds	300 000
Contingencies and reserves	3 350 000
Total	$15 000 000
Grand Total	$67 271 742

[1] All for offices for Division of Services for Crippled Children.

SENATE BILL 596. "An Act making appropriations to the University of Illinois" as listed below. (Approved by the Governor).

1. Permanent Improvements at Urbana-Champaign:	
Construction of Animal Science Laboratory	$ 2 160 000
Construction of agricultural structures and remodeling present agricultural buildings	290 000
Construction of Veterinary Science unit	1 560 000
Construction of extensions to the Utility Distribution Systems	375 000
2. Equipment for buildings enumerated above at Urbana-Champaign	365 000
3. Contingencies to cover expenditures for purposes for which the amount in any item above enumerated is, or becomes insufficient	250 000
4. Permanent Improvements at Urbana-Champaign:	
Acquisition through construction or purchase of student and staff housing	190 000
Acquisition and installation of Chemistry Building equipment	330 000
Additions to Power and Heating Plant and remodeling of existing buildings	1 215 000
5. Permanent Improvements at Chicago:	
Construction of addition to present hospital	7 395 000
Construction of Utility Distribution System and remodeling of existing buildings	190 000
6. Land — acquisition of land for the extension of the campus	190 000
7. Equipment for buildings at Urbana-Champaign and Chicago	680 000
8. Contingencies to cover expenditures for purposes for which the amount appropriated in any item above enumerated is, or becomes insufficient	550 000
Total	$15 740 000

SENATE BILL 514. "An act making appropriations for expenses incident to services for crippled children." (Approved by the Governor).

Appropriates $2,064,114 of State funds and $446,000 of Federal funds received by the State of Illinois for the Division of Services for Crippled Children.

1. From State Funds:	
Personal services	$ 429 114
Contractual services	24 000
Office expense	9 000
Travel	14 000
Artificial appliances and physical examinations for aided persons	90 000
Hospital and medical services	1 490 000
Equipment	8 000
Total	$2 064 114
2. From Federal Funds:	
General purposes in accordance with the plan submitted to the Children's Bureau (U.S.)	$ 292 000
Cleft palate training program	86 000
Medical social work training program	48 000
Pediatric extension program	20 000
Total	$ 446 000

SENATE BILL 235. "An Act to amend Section 2 of 'An Act to provide for the ordinary and contingent expenses of the University of Illinois.'" (Approved by the Governor).

This is an adjustment in the appropriation made to the University for the biennium of 1947-1949 from the University Income Fund.

HOUSE BILL 826. "An Act to make a certain reappropriation to the University of Illinois." (Approved by the Governor).

Reappropriates $500,000 from the 1947-1949 building funds for the construction of the Betatron and associated equipment.

SENATE BILL 251. "An Act making appropriations for expenses incident to the operation of the Institute of Tuberculosis Research." (Approved by the Governor).

Appropriates $143,000 to the University of Illinois for the operation of the Institution for Tuberculosis Research.

SENATE BILL 249. "An Act authorizing and directing the Medical Center Commission to convey certain real property located in the City of Chicago, Illinois, to the Board of Trustees of the University of Illinois." (Approved by the Governor).

Authorizes and directs the Medical Center Commission to transfer to the Board of Trustees of the University the title to the Institution for Tuberculosis Research property in Chicago.

SENATE BILL 250. "An Act to amend Section 2 of 'An Act to provide for the establishment of an Institution for Tuberculosis Research, to prescribe the powers and duties of various public bodies in relation thereto, and to make appropriations in connection therewith.'" (Approved by the Governor).

Transfers the management and control of the Institution for Tuberculosis Research to the Board of Trustees of the University. The management of the Institution heretofore has been carried on jointly by the Municipal Tuberculosis Sanitarium and the University.

Other Legislation

SENATE BILL 80. "An Act to amend Section 125 of the 'Illinois Insurance Code.'" (Approved by the Governor).

Permits domestic insurance companies to invest funds in University of Illinois revenue bonds.

SENATE BILL 276. "An Act to amend Section 7 of 'An Act to provide for the organization and maintenance of the University of Illinois.'" (Approved by the Governor).

Authorizes the Board of Trustees to make payments to local governments in lieu of real estate taxes on certain University properties.

SENATE BILL 323. "An Act to amend Sections 5, 8, 8½, and 23 of 'An Act in relation to State finance.'" (Approved by the Governor).

Amends the State Finance Act to eliminate special funds including the old University of Illinois Fund, formerly known as the "Mill Tax Fund." (This should not be confused with the University Income Fund.) The University formerly derived part of its revenues from the mill tax, a tax on real and personal property. The Act of 1933 establishing the Retailers' Occupation Tax (Sales Tax) provides that revenues from this tax shall be paid into the funds previously established and maintained by revenues from property taxes. The elimination of the Mill Tax and other special funds by Senate Bill 323 is of no significance so far as revenues are concerned but it will simplify to some extent the business operations of the State government.

HOUSE BILL 421. "An Act to amend Section 36a of 'An Act to regulate the civil service of the State of Illinois.'" (Approved by the Governor).

Returns University of Illinois Civil Service to pre-World War basis by eliminating wartime regulations relating to certification; permits waiving of State residence requirement for technical positions.

HOUSE BILL 984. "An Act to amend the title and Sections 1, 2, 3, 4, and 5 of 'An Act in relation to the founding and operation of Research and Educational Hospitals of the State of Illinois.'" (Vetoed by the Governor).

Changes the name of "Research and Educational Hospitals" to "University of Illinois Hospitals."

SENATE BILL 210. "An Act to amend Section 3 of 'An Act to establish a surgical institution for children.'" (Vetoed by the Governor).

Requires the University of Illinois to provide education for children who are patients in the Illinois Surgical Institute for Children.

SENATE BILL 126. "An Act to amend Sections 30-9 and 30-10 of 'The School Code.'" (Approved by the Governor).

Provides that failure of a member of the General Assembly to make a nomination for a University of Illinois scholarship in any year will not cause that scholarship to lapse, but the member may make a nomination for such scholarship at any time before the expiration of his term.

SENATE BILL 288. "An Act to amend Sections 30-9 and 30-10 of 'The School Code.'" (Vetoed by the Governor).

Provides that each member of the General Assembly may award annually two University of Illinois scholarships instead of one.

SENATE BILL 497. "An Act to add Section 9a to 'An Act to regulate the civil service of the State of Illinois.'" (Approved by the Governor).

Provides that University of Illinois employees transferring to other civil service positions in Illinois will retain seniority rights.

SENATE BILL 561. "An Act to amend Sections 1, 4, 5, 6 and 8 of 'An Act to provide for reciprocal allowance of credits for retirement, death and disability benefits between the State Employees' Retirement System of Illinois, the University Retirement System of Illinois and the Teachers' Retirement System of the State of Illinois, and for the transfer of certain funds between said systems.'" (Approved by the Governor).

Provides reciprocity between State, University, and Teachers' Retirement funds.

SENATE BILL 545. "An Act to provide for the ordinary and contingent expenses of certain boards, commissions and agencies." (Vetoed in part by the Governor).

Includes an appropriation of $826,486 to the Board of Trustees of the University Retirement System of Illinois for necessary operating expenses and reserves of the Retirement System. Other funds are included in appropriations to participating institutions.

SENATE BILL 577. "An Act making an appropriation for Air Navigation Facilities." (Approved by the Governor).

Includes an appropriation of $3,278,000 to the State Department of Aeronautics for airport development. The University has been informed that the Department has planned to assign $50,000 of this appropriation for improvements in the University of Illinois Airport.

SENATE BILL 655. "An Act making reappropriations for certain additional ordinary, contingent and distributive expenses of State government." (Vetoed in part by the Governor).

An appropriation to the State Department of Public Health for the construction of a State Tuberculosis Hospital in Cook County which includes an item of $280,000 to be applied toward the construction of a central steam heating plant in the Medical Center District.

HOUSE BILL 745. "An Act making an additional appropriation to the Medical Center Commission for acquisition of land." (Approved by the Governor).

Appropriates $250,000 to the Medical Center Commission for land acquisition.

SENATE BILL 635. "An Act to regulate the supervision, accountability and control of all State owned properties, both real and personal, providing certain penalties and repealing an Act therein named." (Approved by the Governor).

Directs the State Auditor of Public Accounts to set up a system of inventory control which will make the executive officers of State departments and institutions (in the case of the University of Illinois, the President of the University) accountable to the Auditor for the supervision, control, and inventory of all State-owned property. Requires each responsible State officer to conduct a survey and report such survey under oath before disposal (including trade-ins) of State-owned property.

HOUSE BILL 400. "An Act to amend Sections 2.5, 2.10, 2.16, 4.1, 4.2, 5.1, 5.3, and 5.4 of 'An Act to provide for the creation, maintenance, and administration of a Retirement System for the benefit of the staff members and employees of the University of Illinois and of certain other State educational and scientific agencies.'" (Approved by the Governor).

Increases employee contributions to University Retirement System of Illinois from 3½ per cent to 5 per cent.

HOUSE BILL 226. "An Act to add Section 18-5.1 to 'The School Code.'" (Approved by the Governor).

Provides for the payment from State funds to school districts of the annual tuition cost of children attending public schools who live in houses on land owned

by the State from which no property tax revenues are derived by the school districts serving such children.

SENATE BILL 373. "An Act to amend Section 4 of 'An Act to regulate the practice of public accounting and to repeal certain Acts therein named.'" (Approved by the Governor).

Provides that public accountants applying for a certificate of Certified Public Accountant by special examination must have held certificates as public accountants and have had five years of experience in the State instead of ten years as heretofore required.

REAPPROPRIATION OF UNEXPENDED BALANCES AT JUNE 30, 1949

(Reappropriated for sixty days)

URBANA-CHAMPAIGN DEPARTMENTS

Radiocarbon Laboratory special equipment	$ 5 720
Modernization of Home Economics food laboratory	5 257
Horticulture	280
Administration station special equipment	126
Soil and water conservation laboratory	5 000
Agronomy station special equipment	7 825
Dairy Science station special equipment	7 618
Food Technology station special equipment	990
Forestry station special equipment	1 595
Horticulture station	845
Horticulture station special equipment	8 646
Physical Education for Men special equipment	300
Abbott Power Plant painting	9 000
Armory acoustics	950
Electrical distribution — North campus	4 734
Engineering services for fire protection	25 000
Improvements to buildings	5 000
Remodeling 1209 West Illinois Street	22 500
Sanitary plant improvements	25 000
Sanitary sewer improvements	1 268
Service building annex	9 500
Sidewalks	1 350
Student housing construction survey	8 500
Total	$157 004

THE UNIVERSITY OF ILLINOIS BUDGET FOR 1949-1950

(Approved by the Board of Trustees July 28, 1949, page 491)

EXPLANATORY NOTES

Appropriations for Salaries are available for the term indicated in each case but not for more than one year from September 1, 1949.

When appointments are made at salary rates less than the amounts provided in the budget, the unused balance is lapsed at that time, resulting in a reduction in the budget.

Funds appropriated for positions in the salary budget which are not yet filled may, pending the appointment of someone to the position, be drawn against by time cards submitted to the Business Office for services of employees temporarily engaged to do the work contemplated by the position. Such temporary charges *may not exceed the amount of time provided* by the position unless indicated herein or otherwise approved by the President.

All unexpended balances remaining in the salary budget lapse at the close of each calendar month unless previously assigned or encumbered. Such lapses do not result in a reduction in the budget.

Departmental appropriations are made under the captions "Salaries," "Wages," and "Expense and Equipment." No transfers may be made between "Salaries" and "Expense and Equipment" except with the approval of the President of the University. Requests for such changes should be submitted to the Comptroller. Adjustments may be requested between "Salaries" and "Wages" and between "Wages" and "Expense and Equipment" upon notice to the Comptroller, stating the reason for such transfer.

Appropriations for "Expense and Equipment" and for "Wages" are available for one year beginning July 1, 1949, and ending June 30, 1950. All unexpended balances lapse June 30, 1950. The reappropriation of funds will be considered only in special situations.

The services required for members of the academic and administrative staff are in accordance with "Terms of Employment" adopted by the Board of Trustees on January 8, 1948.

a. For those positions indicated entirely as "Y", or for that portion of time indicated as "Y", services are required for the full year of twelve months, with allowance of one month for vacation. No additional compensation is allowed for summer session services for any salary or portion of salary indicated as "Y".

b. For those positions in the academic budget not indicated as "Y", or for that portion of time not indicated as "Y", services are required only during the regular academic year of two semesters (three terms in the Chicago Professional Colleges). If teaching is required during the Summer Session, it will be covered by an additional appointment with salary.

The services required for members of the nonacademic staff are for a full year of twelve months, with allowance for vacation, in accordance with civil service regulations. Salaries are paid in twelve equal monthly installments and positions are indicated as "H".

Symbols

A — Indefinite tenure, payable in twelve monthly installments.
B — Two years from September 1, 1949, payable in twelve monthly installments.
D — One year from September 1, 1949, payable in twelve monthly installments.
E — The academic year 1949-1950, payable in ten installments of which the first and last shall be half installments and the other eight full installments equal to one-ninth of the annual salary.
G — Special tenure as described.
H — In accordance with civil service regulations, beginning July 1, 1949.
Y — When following A, B, D, or G, indicates that services are required throughout the year, except for allowable vacation, without additional compensation.

Part-time

When any of the above symbols is combined with a number, the number indicates the fraction of time in per cent covered by the position.

COMPARATIVE SUMMARY OF INCOME AND APPROPRIATIONS

	1948-1949 Revised	*1949-1950*
Estimated Income		
General	$27 558 971	$30 278 502
Restricted	10 182 380	11 163 937
Total, Estimated Income	$37 741 351[1]	$41 442 439
Allocation of Estimated Income		
Appropriations by Board of Trustees		
From General Income	$26 721 947	$29 625 108
From Restricted Income	10 182 380	11 163 937
Total, Appropriations	(36 904 327)[1]	(40 789 845)
Reserve for Nonrecurring Purposes	803 000	520 800[2]
Total, Allocations	$37 707 327	$41 309 845
Unappropriated Balance from General Income	$ 34 024	$ 132 594

ESTIMATED INCOME

Educational and General Public Appropriations	*General Income*	*Restricted Income*	*Total*
State (one-half biennial appropriations from tax revenues)			
For Current Operations	$26 135 871	.....	$26 135 871
For Division of Services for Crippled Children	.....	$ 1 032 057	1 032 057
For Institution for Tuberculosis Research	.....	71 500	71 500
Total, State	(26 135 871)	(1 103 557)	(27 239 428)
Federal			
Morrill-Nelson Acts	50 000	.....	50 000
Bankhead-Jones Act (Teaching)	110 131	.....	110 131
Smith-Hughes Act	37 500	.....	37 500
Hatch and Adams Act	.....	30 000	30 000
Bankhead-Jones Act (Research)	.....	100 947	100 947
Purnell Act	.....	60 000	60 000
Regional Research Act	.....	26 050	26 050
Research and Marketing Act	.....	68 817	68 817
Additional Cooperative Act	.....	10 737	10 737
Bankhead-Flannagan Act	.....	343 676	343 676
Capper-Ketcham Act	.....	38 183	38 183
Research and Marketing Extension Act	.....	3 500	3 500
Smith-Lever Acts (including Bankhead-Jones Extension)	.....	531 169	531 169
Social Security Act—Services for Crippled Children	.....	220 848	220 848
Total, Federal	(197 631)	(1 433 927)	(1 631 558)
Total, Public Appropriations	(26 333 502)	(2 537 484)	(28 870 986)
Student Fees			
Gross	3 680 000	145 000	3 825 000
Deduct Estimated Refunds	70 000	5 000	75 000
Net, Student Fees	(3 610 000)	(140 000)	(3 750 000)
Sales and Services of Educational Departments and Miscellaneous Current Income			
Research and Educational Hospitals	160 000	.....	160 000
Dentistry	50 000	.....	50 000
Agriculture	5 000	391 812	396 812
Physical Plant	25 000	.....	25 000
All Other	95 000	208 714	303 714
Total, Sales, Services, and Miscellaneous Current Income	(335 000)	(600 526)	(935 526)

[1] Excludes Galesburg Undergraduate Division, $1,251,149 General and $633,454 Restricted; total, $1,884,603.

[2] Reserved for increasing regular 1950-1951 budget and available for nonrecurring purposes in 1949-1950, subject to Board appropriation.

Educational and General	*General Income*	*Restricted Income*	*Total*
Endowment and Trust Income for Educational Purposes			
Endowment Income	.....	56 825	56 825
Gifts from Private Sources	.....	853 750	853 750
U. S. Government Contracts	.....	1 547 500	1 547 500
Total, Endowment and Trust	.....	(2 458 075)	(2 458 075)
Total, Educational and General	(30 278 502)	(5 736 085)	(36 014 587)
Auxiliary Enterprises and Activities	.....	4 605 602	4 605 602
Income for Noneducational Purposes			
Endowment Income	.....	182 250	182 250
Gifts	.....	120 000	120 000
Veterans' Books and Supplies	.....	520 000	520 000
Total, Noneducational	.....	(822 250)	(822 250)
Grand Total, Estimated Income	$30 278 502	$11 163 937	$41 442 439

SUMMARY OF BUDGET APPROPRIATIONS

Educational and General	*From General Income*	*From Restricted Income*	*Total*
Administration and General Expense			
Urbana-Champaign	$2 789 904	$50 420	$2 840 324[1]
Chicago Professional Schools	324 375	.....	324 375
Chicago Undergraduate Division	307 203	.....	307 203
Total, Administration and General Expense	(3 421 482)	(50 420)	(3 471 902)
Instruction and Departmental Research			
Colleges, Schools, and Departments			
Urbana-Champaign	10 527 833	59 400	10 587 233
Chicago Professional Schools	2 485 901	.....	2 485 901
Chicago Undergraduate Division	1 343 245	.....	1 343 245
Total, Colleges, Schools, and Departments	(14 356 979)	(59 400)	(14 416 379)
Organized Activities Relating to Instructional Departments			
Urbana-Champaign	.....	151 180	151 180
Chicago Professional Schools	1 931 001	.....	1 931 001
Total, Organized Activities Relating to Instructional Departments	(1 931 001)	(151 180)	(2 082 181)
Total, Instruction and Departmental Research	(16 287 980)	(210 580)	(16 498 560)
Organized Research			
Urbana-Champaign	2 622 781	514 346	3 137 127
Chicago Professional Schools	57 750	36 000	93 750
Total, Organized Research	(2 680 531)	(550 346)	(3 230 877)
Extension and Public Service			
Urbana-Champaign	1 151 287	1 038 259	2 189 546
Chicago Professional Schools	.....	1 252 905	1 252 905
Total, Extension and Public Service	(1 151 287)	(2 291 164)	(3 442 451)
Libraries			
Urbana-Champaign	962 308	.....	962 308
Chicago Professional Schools	63 794	.....	63 794
Chicago Undergraduate Division	113 506	.....	113 506
Total, Libraries	(1 139 608)	.....	(1 139 608)
Physical Plant			
Operation and Maintenance			
Urbana-Champaign	2 709 341	.....	2 709 341
Chicago Professional Schools	1 006 753	97 500	1 104 253
Chicago Undergraduate Division	764 279	.....	764 279
Total, Operation and Maintenance	(4 480 373)	(97 500)	(4 577 873)

[1] Includes University-wide administration and security benefits.

SUMMARY OF BUDGET APPROPRIATIONS (CONCLUDED)

Educational and General	*From General Income*	*From Restricted Income*	*Total*
Physical Plant (*continued*)			
Debt Service and Other Special Items			
Urbana-Champaign	440 070	.....	440 070
Chicago Professional Schools	23 777	78 000	101 777
Total, Debt Service and Other Special Items	(463 847)	(78 000)	(541 847)
Total, Physical Plant	(4 944 220)	(175 500)	(5 119 720)
Sub-total, Educational and General from Current Funds	(29 625 108)	(3 278 010)	(32 903 118)
Endowment Income, Gift Funds, and United States Government Contracts for Educational Purposes			
Urbana-Champaign	.....	2 005 325	2 005 325
Chicago Professional Schools	.....	452 750	452 750
Total, Endowment and Gift Funds for Educational Purposes	.....	(2 458 075)	(2 458 075)
Total, Educational and General	(29 625 108)	(5 736 085)	(35 361 193)
Auxiliary Enterprises			
Urbana-Champaign	.....	3 926 329	3 926 329
Chicago Professional Schools	.....	195 823	195 823
Chicago Undergraduate Division	.....	483 450	483 450
Total, Auxiliary Enterprises	.....	(4 605 602)	(4 605 602)
Endowment Income and Gift Funds for Noneducational Purposes			
Urbana-Champaign	.....	777 250	777 250
Chicago Professional Schools	.....	25 000	25 000
Chicago Undergraduate Division	.....	20 000	20 000
Total, Endowment Income and Gift Funds for Noneducational Purposes	.....	(822 250)	(822 250)
Total Appropriations			
Urbana-Champaign	$21 203 524	$ 8 522 509	$29 726 033[1]
Chicago Professional Schools	5 893 351	2 137 978	8 031 329
Chicago Undergraduate Division	2 528 233	503 450	3 031 683
Total	$29 625 108	$11 163 937	$40 789 045

COMPARATIVE SUMMARY OF BUDGET APPROPRIATIONS ENTIRE UNIVERSITY

Educational and General	*Salaries and Wages*	*Other Expense*	*Total*
Administration and General Expense			
Urbana-Champaign	$1 481 900	$1 358 424	$2 840 324[1]
Chicago Professional Schools	277 450	46 925	324 375
Chicago Undergraduate Division	259 683	47 520	307 203
Total, Administration and General Expense	(2 019 033)	(1 452 869)	(3 471 902)
Instruction and Departmental Research			
Colleges, Schools, and Departments			
Urbana-Champaign	9 496 949	1 090 284	10 587 233
Chicago Professional Schools	2 090 147	395 754	2 485 901
Chicago Undergraduate Division	1 225 780	117 465	1 343 245
Total, Colleges, Schools, and Departments	(12 812 876)	(1 603 503)	(14 416 379)
Organized Activities Relating to Instructional Departments			
Urbana-Champaign	36 280	114 900	151 180
Chicago Professional Schools	1 462 321	468 680	1 931 001
Total, Organized Activities Relating to Instructional Departments	(1 498 601)	(583 580)	(2 082 181)
Total, Instruction and Departmental Research	(14 311 477)	(2 187 083)	(16 498 560)

[1] Includes University-wide administration and security benefits.

Educational and General	*Salaries and Wages*	*Other Expense*	*Total*
Organized Research			
Urbana-Champaign	2 433 490	703 637	3 137 127
Chicago Professional Schools	64 000	29 750	93 750
Total, Organized Research	(2 497 490)	(733 387)	(3 230 877)
Extension and Public Service			
Urbana-Champaign	1 817 574	371 972	2 189 546
Chicago Professional Schools	354 045	898 860	1 252 905
Total, Extension and Public Service	(2 171 619)	(1 270 832)	(3 442 451)
Libraries			
Urbana-Champaign	684 098	278 210	962 308
Chicago Professional Schools	41 794	22 000	63 794
Chicago Undergraduate Division	68 796	44 710	113 506
Total, Libraries	(794 688)	(344 920)	(1 139 608)
Physical Plant			
Operation and Maintenance			
Urbana-Champaign	1 873 820	835 521	2 709 341
Chicago Professional Schools	791 034	313 219	1 104 253
Chicago Undergraduate Division	458 201	306 078	764 279
Total, Operation and Maintenance	(3 123 055)	(1 454 818)	(4 577 873)
Debt Service and Other Special Items			
Urbana-Champaign	240 971	199 099	440 070
Chicago Professional Schools	.....	101 777	101 777
Total, Debt Service and Other Special Items	(240 971)	(300 876)	(541 847)
Total, Physical Plant	(3 364 026)	(1 755 694)	(5 119 720)
Sub-total, Educational and General from Current Funds	(25 158 333)	(7 744 785)	(32 903 118)
Endowment Income, Gift Funds, and United States Government Contracts for Educational Purposes			
Urbana-Champaign	1 321 750	683 575	2 005 325
Chicago Professional Schools	305 000	147 750	452 750
Total, Endowment and Gift Funds for Educational Purposes	(1 626 750)	(831 325)	(2 458 075)
Total, Educational and General	(26 785 083)	(8 576 110)	(35 361 193)
Auxiliary Enterprises			
Urbana-Champaign	1 162 750	2 763 579	3 926 329
Chicago Professional Schools	78 481	117 342	195 823
Chicago Undergraduate Division	139 700	343 750	483 450
Total, Auxiliary Enterprises	(1 380 931)	(3 244 671)	(4 605 602)
Endowment Income and Gift Funds for Noneducational Purposes			
Urbana-Champaign	.....	777 250	777 250
Chicago Professional Schools	.....	25 000	25 000
Chicago Undergraduate Division	.....	20 000	20 000
Total, Endowment Income and Gift Funds for Noneducational Purposes	.....	(822 250)	(822 250)
Total Appropriations			
Urbana-Champaign	$20 549 582	$ 9 176 451	$29 726 033
Chicago Professional Schools	5 464 872	2 567 057	8 031 329
Chicago Undergraduate Division	2 152 160	879 523	3 031 683
Total	$28 166 014	$12 623 031	$40 789 045

URBANA-CHAMPAIGN DIVISIONS

SUMMARY OF BUDGET APPROPRIATIONS

Educational and General	*From General Income*	*From Restricted Income*	*Total*
Administration and General			
General Administrative Offices	$ 871 348	.....	$ 871 348
General Student Service	538 318	.....	538 318
General University Service	487 537	$50 420	537 957
Security Benefits	892 701	.....	892 701
Total, Administration and General	(2 789 904)	(50 420)	(2 840 324)
Instruction and Departmental Research			
Colleges, Schools, and Departments			
Liberal Arts and Sciences	3 463 589	1 600	3 465 189
Agriculture	793 940	52 600	846 540
Engineering	1 974 626	.....	1 974 626
Graduate College	237 147	.....	237 147
Commerce and Business Administration	715 193	500	715 693
Education	643 252	.....	643 252
Fine and Applied Arts	729 241	.....	729 241
Physical Education	301 458	.....	301 458
Veterinary Medicine	235 803	1 000	236 803
Law	161 742	.....	161 742
Journalism	138 025	.....	138 025
Library School	70 500	.....	70 500
Summer Session	565 205	.....	565 205
University Extension	39 096	.....	39 096
Military	26 036	1 200	27 236
Naval Science	3 630	.....	3 630
University of Illinois Bands	31 045	2 500	33 545
Institute of Aviation	214 575	.....	214 575
Social Welfare Administration	74 950	.....	74 950
Division of Special Services for War Veterans	108 780	.....	108 780
Total, Colleges, Schools, and Departments	(10 527 833)	(59 400)	(10 587 233)
Organized Activities Relating to Instructional Departments			
Agriculture	.....	106 180	106 180
Airport Revolving	.....	45 000	45 000
Total, Organized Activities Relating to Instructional Departments	.....	(151 180)	(151 180)
Total, Instruction and Departmental Research	(10 527 833)	(210 580)	(10 738 413)
Organized Research			
Agriculture	1 303 376	500 846	1 804 222
Engineering	430 149	.....	430 149
Graduate College	345 111	.....	345 111
Bureau of Economic and Business Research	82 740	.....	82 740
Education—Bureau of Research and Service	182 890	13 500	196 390
Institute of Communications	49 675	.....	49 675
Institute of Government and Public Affairs	36 231	.....	36 231
Institute of Labor and Industrial Relations	192 609	.....	192 609
Total, Organized Research	(2 622 781)	(514 346)	(3 137 127)

Educational and General	*From General Income*	*From Restricted Income*	*Total*
Extension			
Agriculture	609 482	945 265	1 554 747
Business Management Service	56 360	.....	56 360
Bureau of Community Planning	19 450	.....	19 450
University Extension	297 827	45 774	343 601
Robert Allerton Park	9 600	25 000	34 600
Radio Station	95 866	.....	95 866
Small Homes Council	62 702	22 220	84 922
Total, Extension	(1 151 287)	(1 038 259)	(2 189 546)
Libraries	962 308	.....	962 308
Physical Plant			
Operation and Maintenance	2 709 341	.....	2 709 341
Debt Service and Other Special Items	440 070	.....	440 070
Total, Physical Plant	(3 149 411)	.....	(3 149 411)
Sub-total, Educational and General	(21 203 524)	(1 813 605)	(23 017 129)
Endowment Income, Gift Funds, and United States Government Contracts for Educational Purposes	.....	2 005 325	2 005 325
Total, Educational and General	(21 203 524)	(3 818 930)	(25 022 454)
Auxiliary Enterprises	.....	3 926 329	3 926 329
Endowment Income and Gift Funds for Noneducational Purposes			
Farm Operations	.....	147 000	147 000
Gifts and Endowments	.....	130 250	130 250
Veterans' Books and Supplies	.....	500 000	500 000
Total, Endowment Income and Gift Funds for Noneducational Purposes	.....	(777 250)	(777 250)
Total, Appropriations	$21 203 524	$8 522 509	$29 726 033

COMPARATIVE SUMMARY OF BUDGET APPROPRIATIONS

Educational and General	*Salaries and Wages*	*Other Expense*	*Total*
Administration and General			
General Administrative Offices	$ 691 148	$ 180 200	$ 871 348
General Student Service	454 458	83 860	538 318
General University Service	248 402	289 555	537 957
Security Benefits	87 892	804 809	892 701
Total, Administration and General	(1 481 900)	(1 358 424)	(2 840 324)
Instruction and Departmental Research			
Colleges, Schools, and Departments			
Liberal Arts and Sciences	3 089 099	376 090	3 465 189
Agriculture	687 190	159 350	846 540
Engineering	1 808 726	165 900	1 974 626
Graduate College	175 147	62 000	237 147
Commerce and Business Administration	691 193	24 500	715 693
Education	587 581	55 671	643 252
Fine and Applied Arts	656 171	73 070	729 241
Physical Education	269 673	31 785	301 458
Veterinary Medicine	202 080	34 723	236 803
Law	147 742	14 000	161 742
Journalism	127 575	10 450	138 025
Library School	63 500	7 000	70 500
Summer Session	557 205	8 000	565 205
University Extension	28 596	10 500	39 096
Military	22 536	4 700	27 236
Naval Science	2 310	1 320	3 630
University of Illinois Bands	24 045	9 500	33 545
Institute of Aviation	188 825	25 750	214 575

COMPARATIVE SUMMARY (CONCLUDED)

Educational and General	*Salaries and Wages*	*Other Expense*	*Total*
Instruction and Departmental Research			
Colleges, Schools and Departments (*continued*)			
Social Welfare Administration	70 750	4 200	74 950
Division of Special Services for War Veterans	97 005	11 775	108 780
Total, Colleges, Schools, and Departments	(9 496 949)	(1 090 284)	(10 587 233)
Organized Activities Relating to Instructional Departments			
Agriculture	26 280	79 900	106 180
Airport Revolving	10 000	35 000	45 000
Total, Organized Activities Relating to Instructional Departments	(36 280)	(114 900)	(151 180)
Total, Instruction and Departmental Research	(9 533 299)	(1 205 184)	(10 738 413)
Organized Research			
Agriculture	1 366 315	437 907	1 804 222
Engineering	344 089	86 060	430 149
Graduate College	262 061	83 050	345 111
Bureau of Economic and Business Research	62 740	20 000	82 740
Education—Bureau of Research and Service	159 720	36 670	196 390
Institute of Communications	40 725	8 950	49 675
Institute of Government and Public Affairs	29 231	7 000	36 231
Institute of Labor and Industrial Relations	168 609	24 000	192 609
Total, Organized Research	(2 433 490)	(703 637)	(3 137 127)
Extension			
Agriculture	1 368 342	186 405	1 554 747
Business Management Service	45 360	11 000	56 360
Bureau of Community Planning	14 950	4 500	19 450
University Extension	242 581	101 020	343 601
Robert Allerton Park	20 100	14 500	34 600
Radio Station	68 961	26 905	95 866
Small Homes Council	57 280	27 642	84 922
Total, Extension	(1 817 574)	(371 972)	(2 189 546)
Libraries	684 098	278 210	962 308
Physical Plant			
Operation and Maintenance	1 873 820	835 521	2 709 341
Debt Service and Other Special Items	240 971	199 099	440 070
Total, Physical Plant	(2 114 791)	(1 034 620)	(3 149 411)
Sub-total, Educational and General	(18 065 082)	(4 952 047)	(23 017 129)
Endowment Income, Gift Funds, and United States Government Contracts for Educational Purposes	1 321 750	683 575	2 005 325
Total, Educational and General	(19 386 832)	(5 635 622)	(25 022 454)
Auxiliary Enterprises	1 162 750	2 763 579	3 926 329
Endowment Income and Gift Funds for Noneducational Purposes			
Farm Operations	.....	147 000	147 000
Gifts and Endowments	.....	130 250	130 250
Veterans' Books and Supplies	.....	500 000	500 000
Total, Endowment Income and Gift Funds for Noneducational Purposes	.....	(777 250)	(777 250)
Total, Appropriations	$20 549 582	$9 176 451	$29 726 033

SUMMARY OF EXPENDABLE ENDOWMENT INCOME, GIFT, UNITED STATES GOVERNMENT CONTRACTS, AND OTHER TRUST FUNDS

The balance and receipts of the following trust funds are appropriated for the purpose of the respective funds with the provision that the expenditures shall not exceed the receipts and balances of the individual funds.

Educational and General	*Salaries and Wages*	*Other Expense*	*Total*
Administration and General	$83 000	$31 000	$114 000
Total, Administration and General	(83 000)	(31 000)	(114 000)
Instruction and Departmental Research			
Liberal Arts and Sciences	.....	12 500	12 500
Agriculture	.....	200	200
Engineering	15 000	5 000	20 000
Commerce and Business Administration	3 000	.....	3 000
Fine and Applied Arts	2 250	250	2 500
Physical Education	500	.....	500
Naval Science	1 000	500	1 500
Institute of Aviation	3 000	1 000	4 000
Total, Instruction and Departmental Research	(24 750)	(19 450)	(44 200)
Organized Research			
Liberal Arts and Sciences	185 000	65 000	250 000
Agricultural Experiment Station	143 500	36 000	179 500
Engineering Experiment Station	775 000	430 000	1 205 000
Graduate College	25 000	10 000	35 000
Commerce and Business Administration	10 000	2 000	12 000
Fine and Applied Arts	12 500	2 500	15 000
Physical Education	3 500	.....	3 500
Veterinary Medicine	7 500	2 500	10 000
Total, Organized Research	(1 162 000)	(548 000)	(1 710 000)
Extension			
University Extension	15 000	7 000	22 000
Robert Allerton Park	27 000	23 000	50 000
Small Homes Council	10 000	2 000	12 000
Total, Extension	(52 000)	(32 000)	(84 000)
Libraries	.....	8 000	8 000
Physical Plant Operation and Maintenance	.....	45 125	45 125
Total, Educational and General	(1 321 750)	(683 575)	(2 005 325)
Noneducational Purposes			
Scholarships, Fellowships, and Prizes	.....	80 000	80 000
Miscellaneous Accounts	.....	697 250	697 250
Total, Noneducational	.....	(777 250)	(777 250)
Grand Total	$1 321 750	$1 460 825	$2 782 575

GENERAL ADMINISTRATIVE OFFICES, DEPARTMENTS, AND EXPENSE

General Administrative Offices	*Salaries and Wages*	*Other Expense*	*Total*
Board of Trustees	$12 225	$25 500	$37 725
President's Office	55 770	7 550	63 320
Provost's Office, General	47 238	13 700	60 938
Business Office	310 737	57 900	368 637
Admissions and Records	168 244	52 100	220 344
Nonacademic Personnel	63 604	15 050	78 654
Legal Counsel	33 330	8 400	41 730
Total, General Administrative Offices	(691 148)	(180 200)	(871 348)

GENERAL ADMINISTRATIVE OFFICES (CONCLUDED)

	Salaries and Wages	*Other Expense*	*Total*
General Student Service			
Dean of Students			
Dean of Students, General	18 806	2 665	21 471
Dean of Men	49 596	6 250	55 846
Dean of Women	70 044	6 400	76 444
Health Service	144 760	8 158	152 918
McKinley Hospital	.....	37 000	37 000
Housing Division	24 760	2 873	27 633
Residence Halls Counseling	15 100	.....	15 100
Placement Bureau	13 099	3 514	16 613
Security Office	19 241	4 900	24 141
Freshman Week	250	4 250	4 500
High School Guidance Conference	.....	1 250	1 250
Total, Dean of Students	(355 656)	(77 260)	(432 916)
Provost's Office			
Student Counseling Bureau	98 802	6 600	105 402
Total, General Student Service	(454 458)	(83 860)	(538 318)
General University Service			
Provost's Office			
Bureau of Institutional Research	33 695	3 200	36 895
Courses and Curricula	15 080	100	15 180
Statistical Service Unit	57 520	40 321	97 841
Total, Provost's Office	(106 295)	(43 621)	(149 916)
University Press	53 660	60 203	113 863
Public Information	20 131	7 350	27 481
Alumni Relations and Records	32 909	21 217	54 126
University of Illinois Foundation	.....	36 000	36 000
Committee on Student English	5 976	370	6 346
Illini Center	5 346	6 750	12 096
Building Program Committee	1 285	400	1 685
Citizens Committee	.....	3 500	3 500
Commencement	.....	25 000	25 000
Honors Day	400	1 850	2 250
Incidental and Emergency	.....	7 500	7 500
Membership in Organizations	.....	1 274	1 274
Public Functions	1 500	20 000	21 500
Nonrecurring Equipment (Unassigned)	.....	25 000	25 000
Total, General University Service	(227 502)	(260 035)	(487 537)
Security Benefits (Entire University)			
Retiring Allowances	87 892	.....	87 892
University Retirement System	.....	789 809	789 809
Death and Disability Benefits	.....	7 500	7 500
Injuries to Employees	.....	7 500	7 500
Total, Security Benefits	(87 892)	(804 809)	(892 701)
Self-Supporting Accounts (General University Service)			
University Press Revolving	.....	20 000	20 000
Entrance Examinations	5 900	2 700	8 600
Accountancy Committee	15 000	6 820	21 820
Total, Self-Supporting Accounts	(20 900)	(29 520)	(50 420)
Grand Total, General Administrative Offices, Departments, and Expense	$1 481 900	$1 358 424	$2 840 324
Expendable Gift Funds			
Administration and General	$ 3 000	$ 1 000	$ 4 000
United States Government Contracts			
Administration and General	80 000	30 000	110 000
Total, Trust Funds	$83 000	$31 000	$114 000

ADMINISTRATION AND GENERAL

Board of Trustees

Salaries and Wages		
1. H. E. Cunningham, Secretary (April 1, 1949, through March 31, 1950) (See University Press)	GY49	$ 3 249[1]
2. Nonacademic Salaries	H	8 976
Total, Salaries		(12 225)
Expense and Equipment		
Expense		25 000
Equipment		500
Total, Expense and Equipment		(25 500)
Total, Board of Trustees		$ 37 725

President's Office

Salaries and Wages		
1. George D. Stoddard, President	AY	$ 22 000[2]
2. A. C. Willard, President, *Emeritus*		.....[3]
3. A. J. Janata, Assistant to the President	DY	11 000
4. Wilbur Schramm, Assistant to the President (Salary under Institute of Communications)		.....
5. Nonacademic Salaries	H	20 970
Total, Salaries		(53 970)
Wages		1 800
Total, Salaries and Wages		(55 770)
Expense and Equipment		
Expense		6 500
Equipment		1 050
Total, Expense and Equipment		(7 550)
Total, President's Office		$ 63 320

Provost's Office

Summary

	Salaries and Wages	*Other Expense*	*Total*
General Administration			
Provost's Office, General	$47 238	$13 700	$60 938
Total, General Administration	(47 238)	(13 700)	(60 938)
General Student Service			
Student Counseling Bureau	98 802	6 600	105 402
Total, General Student Service	(98 802)	(6 600)	(105 402)
General University Service			
Bureau of Institutional Research	33 695	3 200	36 895
Courses and Curricula	15 080	100	15 180
Statistical Service Unit	57 520	40 321	97 841
Total, General University Service	(106 295)	(43 621)	(149 916)
Total, Provost's Office	$252 335	$63 921	$316 256

General

Salaries and Wages		
1. C. R. Griffith, Provost Professor of Education	DY A	$ 15 400
2. C. M. Louttit, Assistant to the Provost Professor of Psychology	DY AY	10 000

[1] Includes service to the Retirement System.
[2] With house and automobile furnished for the convenience of the University.
[3] Retiring allowance payable by Retirement System.

3. C. W. Mendel, Administrative Assistant	DY50	4 000
(See Mathematics)	A50	(3 250)
(Total Salary)		(7 250)
4. R. L. Peterson, Administrative Assistant	DY	6 500
5. Nonacademic Salaries	H	10 338
Total, Salaries		(46 238)
Wages		1 000
Total, Salaries and Wages		(47 238)
Expense and Equipment		
Expense		3 400
General University Lectures		10 000
Equipment		300
Total, Expense and Equipment		(13 700)
Total, Provost's Office, General		$ 60 938

Courses and Curricula

Salaries and Wages		
1. Mrs. Jessie Howard, Research Specialist, with rank of Assistant Professor	DY	$ 5 300
2. Mrs. Constance W. Wills, Research Assistant	DY	2 600
3. 2.00 Part-time Research Assistants	DY	5 000
4. Nonacademic Salaries	H	1 980
Total, Salaries		(14 880)
Wages		200
Total, Salaries and Wages		(15 080)
Expense and Equipment		
Expense		100
Total, Courses and Curricula		$ 15 180

Bureau of Institutional Research

Salaries and Wages		
1. E. F. Potthoff, Director	DY75	$ 6 375
(See Education)	AY25	(2 125)
(Total Salary)		(8 500)
2. G. J. Froehlich, Assistant Director, with rank of Assistant Professor	DY	5 800
3. ————, Research Assistant	DY	3 000
4. Nonacademic Salaries	H	16 020
Total, Salaries		(31 195)
Wages		2 500
Total, Salaries and Wages		(33 695)
Expense and Equipment		
Expense		3 000
Equipment		200
Total, Expense and Equipment		(3 200)
Total, Bureau of Institutional Research		$ 36 895

Student Counseling Bureau

Salaries and Wages		
1. W. M. Gilbert, Acting Director	DY}	$ 7 500
Associate Professor of Psychology	AY}	
2. L. A. Hellmer, Acting Assistant Director	DY}	6 500
Associate Professor of Psychology	AY}	
3. T. N. Ewing, Clinical Counselor and Assistant Professor of Psychology	BY	5 500
4. R. P. Larsen, Clinical Counselor and Assistant Professor of Psychology	DY	4 680[1]
5. Mrs. Alice K. Jonietz, Clinical Counselor and Assistant Professor of Psychology	BY	5 000

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

6. J. F. Kamman, Psychometrist and Clinical Counselor	DY	4 750
7. Frank Costin, Clinical Counselor	D50	2 300
(See Division of General Studies)	B50	(2 300)
(Total Salary)		(4 600)
8. B. B. Jackson, Clinical Counselor	DY	4 200
9. Ruth Thomas, Clinical Counselor	DY	4 150
10. ————, Clinical Counselor (Paid from Item 4)	DY	(3 500)
11. Mrs. Priscilla G. Powell, Assistant Psychometrist	DY	2 800
12. 3.00 Part-time Personnel Technicians	DY	8 400
13. 1.75 Part-time Externs in Clinical Psychology and Personnel Work	DY	2 200
14. Janet L. Weston, Counselor	D50	2 400
(See Commerce, Administration)	BY50	(2 400)
(Total Salary)		(4 800)
15. D. M. Hall, Counselor	DY25	1 375
(See State Agricultural Extension)	BY75	(4 125)
(Total Salary)		(5 500)
16. W. E. Morrell, Counselor	D25	1 375
(See Division of General Studies)	A75	(4 125)
(Total Salary)		(5 500)
17. P. S. Pettinga, Counselor	D25	1 225
(See Music)	B75	(3 675)
(Total Salary)		(4 900)
18. C. W. Wilkinson, Counselor	D25	1 125
(See English)	B75	(3 375)
(Total Salary)		(4 500)
19. Mrs. Albertine W. Osgood, Counselor	D25	975
(See Spanish and Italian)	D75	(2 925)
(Total Salary)		(3 900)
20. D. E. Latham, Counselor	D25	950
(See Physical Education for Men)	D50	(1 900)
(Total Salary)		(2 850)
21. Dorothy F. Durrell, Counselor	D25	850
(See Home Economics)	D75	(2 550)
(Total Salary)		(3 400)
22. L. M. Magill, Counselor	E33	1 000
(See English)	E67	(2 000)
(Total Salary)		(3 000)
23. R. G. Brooks, Counselor	E33	967
(See English)	E67	(1 933)
(Total Salary)		(2 900)
24. Mrs. Mildred W. Goodner, Counselor	E33	934
(See English)	E67	(1 866)
(Total Salary)		(2 800)
25. 1.25 Unassigned Counselors	D	5 550
26. Nonacademic Salaries	H	18 096
Total, Salaries		(94 802)
Wages		4 000
Total, Salaries and Wages		(98 802)
Expense and Equipment		
Expense		5 500
Equipment		1 100
Total, Expense and Equipment		(6 600)
Total, Student Counseling Bureau		$105 402

Statistical Service Unit

Salaries and Wages		
1. G. R. Beam, Director	DY	$ 7 500
2. Nonacademic Salaries	H	48 405
Total, Salaries		(55 905)
Wages		1 615
Total, Salaries and Wages		(57 520)

Expense and Equipment		
Machine Rentals		37 821
Expense		2 500
Total, Expense and Equipment		(40 321)
Total, Statistical Service Unit		$ 97 841

Business Office

Salaries and Wages		
COMPTROLLER'S OFFICE		
1. Lloyd Morey, Comptroller	DY	$ 14 000[1]
Professor of Accountancy	AY	
2. H. O. Farber, Assistant Comptroller	DY	7 000
3. Nonacademic Salaries	H	18 840
AUDITING DIVISION		
4. S. C. Smith, Auditor	DY	6 900
5. Nonacademic Salaries	H	42 390
Sub-total, Auditing Division		(49 290)
Sub-total, Comptroller's Office		(89 130)
ACCOUNTING DIVISION		
6. C. H. Pratt, Chief Accountant	DY	7 900
7. Nonacademic Salaries	H	64 355
Sub-total, Accounting Division		(72 255)
BURSAR'S DIVISION		
8. C. C. DeLong, Bursar	DY	7 300
Assistant Professor of Accountancy		
9. Nonacademic Salaries	H	54 072
Sub-total, Bursar's Division		(61 372)
PURCHASING DIVISION		
10. H. M. Edwards, Director of Purchases	DY	9 000
Assistant Professor of Management		
11. Nonacademic Salaries	H	65 880
Sub-total, Purchasing Division		(74 880)
Total, Salaries		(297 637)
Wages		13 100
Total, Salaries and Wages		(310 737)
Expense and Equipment		
Expense		55 000
Equipment		2 900
Total, Expense and Equipment		(57 900)
Total, Business Office		$368 637

Office of Admissions and Records

Salaries and Wages[2]		
1. G. P. Tuttle, Director of Admissions and Records	DY	$ 9 500
DIVISION OF ADMISSIONS		
2. D. A. Grossman, Examiner	DY	8 200
DIVISION OF RECORDS AND STATISTICS		
3. E. C. Seyler, Recorder	DY	7 700
4. Nonacademic Salaries	H	109 668
Total, Salaries		(135 068)
Wages		23 826
Total, Salaries and Wages		(158 894)
Expense and Equipment		
Expense		50 000
Total, Office of Admissions and Records		$208 894

[1] Includes service to the Retirement System.

[2] Distribution of salaries to Committee on Accountancy and Entrance Examinations:

	Accountancy Committee	*Entrance Examinations*
D. A. Grossman	$ 1 800	$ 400
Nonacademic Salaries	5 241	8 050
Total	$ 7 041	$ 8 450

Committee on Admissions from Secondary Schools

Salaries and Wages		
1. L. B. Fisher, Executive Secretary	AY67	$ 4 600
(See Education)	AY33	(2 400)
(Total Salary)		(7 000)
2. Jean Reedy, Research Assistant	DY	3 000
3. Nonacademic Salaries	H	1 250
Total, Salaries		(8 850)
Wages		500
Total, Salaries and Wages		(9 350)
Expense and Equipment		
Expense		2 100
Total, Committee on Admissions from Secondary Schools		$ 11 450

Nonacademic Personnel

Salaries and Wages		
1. D. E. Dickason, Director	DY	$ 9 500
2. Nonacademic Salaries	H	51 084
Total, Salaries		(60 584)
Wages, Clerical Training	H	1 800
Wages, General		1 220
Total, Wages		(3 020)
Total, Salaries and Wages		(63 604)
Expense and Equipment		
Expense		11 000
Illini Worker Publication		3 000
Clerical Training Expense		250
Equipment		800
Total, Expense and Equipment		(15 050)
Total, Nonacademic Personnel		$ 78 654

Legal Counsel

Salaries and Wages		
1. W. E. Britton, Legal Counsel, Professor of Law	DY, AY	$ 11 500
2. N. D. Hodges, Assistant Legal Counsel	DY	6 000
3. Nonacademic Salaries	H	15 330
Total, Salaries		(32 830)
Wages		500
Total, Salaries and Wages		(33 330)
Expense and Equipment		
Expense		6 900
Special Services		1 500
Total, Expense and Equipment		(8 400)
Total, Legal Counsel		$ 41 730

Dean of Students

Dean of Students Office

Salaries and Wages		
1. F. H. Turner, Dean of Students	BY	$ 9 750
2. H. S. Dawson, Associate Dean of Students and Director of University Placement Bureau		.....
(Salary under University Placement Bureau)		
3. Arthur Hamilton, Assistant Dean for Foreign Students	DY12	900
(See Spanish and Italian)	A88	(6 600)
(Total Salary)		(7 500)
4. Nonacademic Salaries	H	6 156
Total, Salaries		(16 806)
Wages		2 000
Total, Salaries and Wages		(18 806)

Expense and Equipment		
Expense		2 265
Equipment		400
Total, Expense and Equipment		(2 665)
Total, Dean of Students Office		$ 21 471

Dean of Men

Salaries and Wages		
1. E. E. Stafford, Dean of Men	BY	$ 7 000
2. G. W. Peck, Assistant Dean of Men	DY75	4 820
(See University Placement Bureau)	DY25	(1 380)
(Total Salary)		(6 200)
3. V. J. Hampton, Assistant Dean of Men	DY	4 500
4. C. M. Grip, Assistant Dean of Men	DY	3 800
5. ————, Assistant Dean of Men	DY	3 800
6. Nonacademic Salaries	H	11 676
Total, Salaries		(35 596)
Wages		
General		8 000
Student Employment		6 000
Veterans Equipment Procurement		(6 200)
Total, Wages		(14 000)
Total, Salaries and Wages		(49 596)
Expense and Equipment		
Expense, General		5 250
Expense, Veterans Equipment Procurement		(5 000)
Equipment, General		1 000
Equipment, Veterans Equipment Procurement		(800)
Total, Expense and Equipment		(6 250)
Total, Dean of Men		$ 55 846

Dean of Women

Salaries and Wages		
1. Miriam A. Shelden, Dean of Women	BY	$ 7 500
2. Maria Leonard, Dean of Women, *Emerita*		.....[1]
3. Agnes G. Tandberg, Assistant Dean of Women	DY	4 500
4. Helen R. Andrews, Assistant Dean of Women	DY	4 200
5. M. Jane Klein, Assistant Dean of Women	DY	4 200
6. Mrs. Florence B. Inghram, Assistant Dean of Women	DY	4 400
RESIDENCE HALLS		
7. Dorothy A. Brumbaugh, Head Resident, Busey Hall (10 months from September 1, 1949)	G	2 000[2]
8. Mrs. Alice W. Cotter, Head Resident, Evans Hall (10 months from September 1, 1949)	G	2 400[2]
9. Doris C. Sewell, Head Resident, Lincoln Avenue Residence (10 months from September 1, 1949)	G	2 700[2]
10. ————, Assistant Head Resident, Lincoln Avenue Residence (South Half) (10 months from September 1, 1949)	G	2 400[3]
11. ————, Head Resident, Lincoln Avenue Residence (North Half) (10 months from September 1, 1949)	G	2 900[2]
12. ————, Assistant Head Resident, Lincoln Avenue Residence (North Half) (10 months from September 1, 1949)	G	2 400[3]
13. Summer Session Head Resident, Busey Hall		360[2]
14. 4.00 Part-time Counselors	G	12 800

[1] Retiring allowance payable by Retirement System.
[2] With housing valued at $100 and three meals a day valued at $168, furnished for the convenience of the University.
[3] With three meals a day, valued at $168, furnished for the convenience of the University.

COOPERATIVE HOUSES		
15. Mrs. M. Staley Barbre, House Director, Alpha House....	G28	320[1]
(See Cooperative House Operations).....	G72	(720)
(Total Salary).....		(1 040)
(10 months from September 1, 1949)		
16. Mrs. Edna E. Ryan, House Director, Beta House.....	G28	320[1]
(See Cooperative House Operations).....	G72	(720)
(Total Salary).....		(1 040)
(10 months from September 1, 1949)		
17. Mrs. Arahbell Conlee, House Director, Gamma House...	G28	320[1]
(See Cooperative House Operations).....	G72	(720)
(Total Salary).....		(1 040)
(10 months from September 1, 1949)		
18. Nonacademic Salaries.....	H	10 128
Total, Salaries.....		(63 848)
Wages		
Dean of Women.....		3 000
Residence Halls.....		796
Other Wages (Reserve House Directors).....		2 400
Total, Wages.....		(6 196)
Total, Salaries and Wages.....		(70 044)
Expense and Equipment		
Expense, Dean of Women.....		4 800
Expense, Residence Halls:		
Busey and Evans Halls.....		(300)[2]
Lincoln Avenue Residence.....		600 (500)[2]
Equipment, Dean of Women.....		800
Equipment, Residence Halls.....		200
Total, Expense and Equipment.....		(6 400)
Total, Dean of Women.....		$ 76 444

Health Service

Salaries and Wages		
1. J. Howard Beard, University Health Officer.....	DY	$ 9 700[3]
Professor of Hygiene and Head of Department.....	AY	
2. Maude L. Etheredge, Professor of Hygiene, *Emerita*.....		.....[4]
3. R. L. Jenkins, Psychiatrist.....	DY	9 000
4. Marjorie M. Smarzo, Medical Adviser for Women, in charge of Women's Division of Health Service.....	BY	6 500
Associate Professor of Hygiene.....	AY	
5. ————, Assistant to University Health Officer and Assistant Professor of Hygiene.....	DY	7 200
6. R. A. Sundeen, Medical Adviser for Men and Assistant Professor of Hygiene.....	DY	7 000
7. W. R. Greenwood, Medical Adviser for Men and Assistant Professor of Hygiene.....	DY	6 500
8. L. D. Lewis, Medical Adviser for Men and Assistant Professor of Hygiene.....	DY	6 300
9. H. I. Teigler, Medical Adviser for Men and Assistant Professor of Hygiene.....	DY	6 200
10. R. F. Fitch, Medical Adviser for Men and Assistant Professor of Hygiene.....	DY	6 000
11. G. F. Kolar, Dental Consultant and Oral Hygienist, and Assistant Professor of Hygiene.....	DY	6 000
12. H. C. Gebhart, Medical Adviser for Men and Assistant Professor of Hygiene.....	DY	5 900

[1] With room and board, valued at $330, furnished for the convenience of the University.
[2] From Residence Halls Operation Funds.
[3] Includes service to the Retirement System.
[4] Retiring allowance payable by Retirement System.

13. R. B. Montgomery, Medical Adviser for Men and Assistant Professor of Hygiene	DY	5 900
14. May I. Millbrook, Medical Adviser for Women and Assistant Professor of Hygiene	DY	5 700
15. Howard Wilk, Medical Adviser for Men and Assistant Professor of Hygiene (July 1, 1949, to August 31, 1950)	GY	5 500
16. ————, Medical Adviser for Women and Assistant Professor of Hygiene	DY	5 500
17. Lois L. Gillilan, Medical Adviser for Women and Assistant Professor of Hygiene	DY	5 500
18. Martha S. Lewandoski, Medical Adviser for Women and Assistant Professor of Hygiene	DY	5 000
19. G. R. Blackstone, Associate in Hygiene, *Emeritus*		.....[1]
20. ————, Clinical Psychotherapist and Instructor in Mental Hygiene	DY	4 000
21. Emily S. Simmons, Family Case Worker	DY13	500
(See Graduate College, Administration)	DY87	(3 500)
(Total Salary)		(4 000)
22. Nonacademic Salaries	H	12 360
Total, Salaries		(126 260)
Wages, General		15 000
Wages, Chest X-ray		3 500
Total, Wages		(18 500)
Total, Salaries and Wages		(144 760)
Expense and Equipment		
General Departmental Expense		5 150
Chest X-ray Expense		1 575
Equipment		1 433
Total, Expense and Equipment		(8 158)
Total, Health Service		$152 918

McKinley Hospital

Expense and Equipment		
Expense		$ 37 000
Total, McKinley Hospital		$ 37 000

Housing Division

Salaries and Wages		
1. S. E. Thompson, Director	DY50	$ 3 828
(See Auxiliary Enterprises, Housing Division, Administration)	DY50	(4 072)
(Total Salary)		(7 900)
2. Nonacademic Salaries	H	19 297
Total, Salaries		(23 125)
Wages		1 635
Total, Salaries and Wages		(24 760)
Expense and Equipment		
Expense		2 290
Equipment		583
Total, Expense and Equipment		(2 873)
Total, Housing Division		$ 27 633

Residence Halls Counseling

Salaries and Wages		
1. C. S. Sifferd, Supervisor of Counseling in Men's Residence Halls	DY	$ 4 700
2. Richard Schaller, Head Resident, Gymnasium Annex (10 months from September 1, 1949)	G	1 900[2]

[1] Retiring allowance payable by Retirement System.
[2] With housing, valued at $10 a month, furnished for the convenience of the University.

3. R. J. Silver, Head Resident, Rink (10 months from September 1, 1949)		1 900[1]
Total, Salaries		(8 500)
Wages		6 600
Total, Salaries and Wages		(15 100)
Total, Residence Halls Counseling		$ 15 100

Freshman Week

Salaries and Wages		
Wages		$ 250
Expense and Equipment		
Expense		4 250
Total, Freshman Week		$ 4 500

High School Guidance Conferences

Expense and Equipment		
Expense		$ 1 250
Total, High School Guidance Conferences		$ 1 250

University Placement Bureau

Salaries and Wages		
1. H. S. Dawson, Director and Associate Dean of Students	DY	$ 7 750
2. G. W. Peck, Assistant Director	DY25	1 380
(See Dean of Men)	DY75	(4 820)
(Total Salary)		(6 200)
3. Nonacademic Salaries	H	2 769
Total, Salaries		(11 899)
Wages		1 200
Total, Salaries and Wages		(13 099)
Expense and Equipment		
Expense		3 514
Total, University Placement Bureau		$ 16 613

Security Office

Salaries and Wages		
1. J. E. Ewers, Security Officer	DY	$ 5 500
2. Nonacademic Salaries	H	9 741
Total, Salaries		(15 241)
Wages, Auto Regulations		4 000
Total, Salaries and Wages		(19 241)
Expense and Equipment		
Expense		3 350
Equipment		1 550
Total, Expense and Equipment		(4 900)
Total, Security Office		$ 24 141

University Press

Salaries and Wages		
EDITORIAL AND PUBLISHING DIVISION		
1. Wilbur Schramm, Director		.....
(Salary under Institute of Communications)		
2. H. E. Cunningham, Director, with rank of Professor, *Emeritus*		.....[2]
(See Board of Trustees)		
3. Carl Stephens, University Historian	DY	$ 6 180
4. Miodrag Muntyan, Executive Editor, with rank of Assistant Professor	DY	6 000
5. Helen L. Smith, Editor, with rank of Assistant Professor	DY	5 250

[1] With housing, valued at $10 a month, furnished for the convenience of the University.
[2] Retiring allowance payable by Retirement System.

6. R. E. Eckerstrom, Art Editor	DY70	3 500
(See Art)	DY30	(1 500)
(Total Salary)		(5 000)
7. D. D. Jackson, Editor, with rank of Assistant Professor.	DY	4 800
8. G. S. Amsbary, Editor, with rank of Assistant Professor	DY	4 620
9. Nonacademic Salaries	H	21 720
Total, Salaries		(52 070)
PRINTING DIVISION		
10. C. E. Herman, Superintendent of Print Shop (From Print Shop Operations)	DY	(7 500)
Wages, Editorial and Publishing Division		1 590
Total, Salaries and Wages		(53 660)
Expense and Equipment		
EDITORIAL AND PUBLISHING DIVISION		
General Departmental Expense		2 500
Postage on Bulletins		2 000
Printing and Publications		55 703
Total, Expense and Equipment		(60 203)
Total, University Press		$113 863

University Press Revolving Account (Entire budget from receipts)

Expense and Equipment		
Expense		$ 20 000
Total, University Press Revolving Account		$ 20 000

Public Information

Salaries and Wages		
1. J. F. Wright, Director	DY62	$ 5 300
(See Radio Station)	DY38	(3 200)
(See Journalism)	A	.....
(Total Salary)		(8 500)
2. F. E. Schooley, Assistant Director	DY15	1 075
(See Radio Station)	DY60	(4 075)
(See Journalism)	BY25	(1 600)
(Total Salary)		(6 750)
3. Nonacademic Salaries	H	12 756
Total, Salaries		(19 131)
Wages		1 000
Total, Salaries and Wages		(20 131)
Expense and Equipment		
Expense		7 100
Equipment		250
Total, Expense and Equipment		(7 350)
Total, Public Information		$ 27 481

Alumni Relations and Records

Salaries and Wages		
1. C. E. Bowen, Executive Director (From Alumni Association) (12 months from July 1, 1949)	GY	$(10 000)
2. J. C. Colvin, Editor of *Alumni News,* with rank of Assistant Professor	GY	2 045
(From Alumni Association)		(2 020)
(See University of Illinois Foundation)		(4 935)
(Total Salary) (12 months from July 1, 1949)		(9 000)
3. W. H. Rice, Director of Memberships and Field Secretary (From Alumni Association) (12 months from July 1, 1949)	GY	(6 000)

4. Nonacademic Salaries	H	28 848
Total, Salaries		(30 893)
Wages		2 016
Total, Salaries and Wages		(32 909)
Expense and Equipment		
Expense		21 217
Total, Alumni Relations and Records		$ 54 126

University of Illinois Foundation

Expense and Equipment		
Expense		$ 36 000
Total, University of Illinois Foundation		$ 36 000

The total of $36,000 includes the following items and will be available to the Foundation to the extent necessary for these purposes from July 1, 1949, to June 30, 1950:

Salaries and Wages		
1. W. H. Butterfield, Manager		$ 12 000
2. J. C. Colvin, Secretary		4 935
(From Alumni Association)		(2 020)
(See Alumni Records and Relations)		(2 045)
(Total Salary)		(9 000)
3. Elizabeth Bailie, Secretary		3 000
4. Goldeen Denn, Clerk-Typist		1 740
Total, Salaries		(21 675)
Expense and Equipment		
General Departmental Expense		2 049
Annual Gift Campaign		18 000
Travel		3 000
Equipment		1 200
Retirement		2 576
Audit		500
Total, University of Illinois Foundation		$ 49 000[1]

Committee on Student English

Salaries and Wages		
1. E. G. Mathews, Executive Secretary	DY67	$ 3 500
(See English)	B33	(1 500)
(Total Salary)		(5 000)
2. Nonacademic Salaries	H	1 926
Total, Salaries		(5 426)
Wages		550
Total, Salaries and Wages		(5 976)
Expense and Equipment		
Expense		370
Total, Committee on Student English		$ 6 346

Illini Center

Salaries and Wages		
1. Nonacademic Salaries	H	$ 5 346
Expense and Equipment		
Expense		6 750
Total, Illini Center		$ 12 096

Building Program Committee

Salaries and Wages		
1. Nonacademic Salaries	H67	$ 1 160
Wages		125
Total, Salaries and Wages		(1 285)

[1] Provided for by University of Illinois appropriation, $36,000; Saunders Estate income, $5,500; income from patents, $7,500; total, $49,000.

Expense and Equipment	
Expense	400
Total, Building Program Committee	$ 1 685

Citizens Committee

Expense and Equipment	
Expense	$ 3 500
Total, Citizens Committee	$ 3 500

Commencement

Expense and Equipment	
Expense	$ 25 000
Total, Commencement	$ 25 000

Honors Day

Salaries and Wages	
Wages	$ 400
Expense and Equipment	
Expense	1 450
Equipment	400
Total, Expense and Equipment	(1 850)
Total, Honors Day	$ 2 250

Incidental and Emergency

Expense and Equipment	
Expense	$ 7 500
Total, Incidental and Emergency	$ 7 500

Memberships in Organizations

Expense and Equipment	
American Council on Education	$ 100
Association of Land-Grant Colleges and Universities	640
National Association of State Universities	50
North Central Association of Colleges and Secondary Schools	75
Association of American Universities	250
American University Union	100
Urbana Association of Commerce	24
Champaign Chamber of Commerce	25
Campus Business Men's Association	10
Total, Memberships in Organizations	$ 1 274

Public Functions

Salaries and Wages	
Wages	$ 1 500
Expense and Equipment	
Expense	20 000
Total, Public Functions	$ 21 500

Nonrecurring Equipment Unassigned

Expense and Equipment	
To be assigned by the President of the University to departments on a nonrecurring basis	$ 25 000
Total, Nonrecurring Equipment Unassigned	$ 25 000

Retiring Allowances

Salaries	
For payment of retiring allowances to individuals retired prior to September 1, 1942	$ 87 892
Total, Retiring Allowances	$ 87 892

University Retirement System

Expense and Equipment

For employer contributions to University Retirement System covering expected death and disability benefits, supplemental and current retiring allowances to employees of the University of Illinois, and a portion of the administrative expenses $789 809

Total, University Retirement System $789 809

Death and Disability Benefits

Expense and Equipment

For the purpose of providing for death benefits to persons retired prior to September 1, 1942, and for death and disability benefits to permanent and continuous employees of the University who are not participants in the University Retirement System ..... $ 7 500

Total, Death and Disability Benefits ..... $ 7 500

Injuries to Employees

Expense and Equipment

Expense ..... $ 7 500

Total, Injuries to Employees ..... $ 7 500

Committee on Accountancy

(Entire budget from receipts)

Salaries and Wages[1]

Wages ..... $ 15 000

Expense and Equipment

Expense 6 820

Total, Committee on Accountancy ..... $ 21 820

Entrance Examinations

(Entire budget from receipts)

Salaries and Wages[2]

Wages ..... $ 5 900

Expense and Equipment

Expense 2 700

Total, Entrance Examinations ..... $ 8 600

COLLEGE OF LIBERAL ARTS AND SCIENCES

Summary

	Salaries and Wages	*Other Expense*	*Total*
Administration	$63 174	$12 400	$75 574
Astronomy	7 225	740	7 965
Bacteriology	66 250	15 000	81 250
Botany	118 104	16 000	134 104
Chemistry	524 918	205 000	729 918
Classics	34 100	650	34 750
Division of General Studies	81 978	3 800	85 778
English	440 882	6 000	446 882
Entomology	47 170	3 700	50 870
French	85 270	1 000	86 270
Geography	62 450	2 800	65 250

[1] Salaries for Committee on Accountancy are paid by Office of Admissions and Records and funds are transferred annually to cover (see footnote to Office of Admissions and Records budget for amounts).

[2] Salaries for Entrance Examinations are paid by Office of Admissions and Records and funds are transferred annually to cover (see footnote to Office of Admissions and Records budget for amounts).

Summary (concluded)

	Salaries and Wages	*Other Expense*	*Total*
Geology	100 200	28 000	128 200
German	88 190	1 300	89 490
History	132 099	2 050	134 149
Mathematics	275 920	3 000	278 920
Philosophy	68 120	1 000	69 120
Physiology	77 770	13 500	91 270
Political Science	101 470	2 250	103 720
Psychology	149 925	13 100	163 025
Sociology and Anthropology	102 348	1 000	103 348
Spanish and Italian	102 375	1 800	104 175
Speech	195 233	6 600	201 833
Zoology	153 958	26 500	180 458
Classical Museum	1 000	500	1 500
Museum of European Culture	2 360	600	2 960
Natural History Museum	6 610	6 200	12 810
Sub-total	(3 089 099)	(374 490)	(3 463 589)
Speech Revolving	.....	1 600	1 600
Total, College of Liberal Arts and Sciences	$3 089 099	$376 090	$3 465 189

Expendable Gift and Endowment Funds

Instruction (endowment income):			
Estimated New Projects and Renewals	.....	$ 500	$ 500
Organized Research (gifts):			
Estimated New Projects and Renewals	$ 75 000	25 000	100 000
Sub-total	(75 000)	(25 500)	(100 500)

United States Government Contracts

Instruction and Departmental Research:			
Estimated New Projects and Renewals	.....	12 000	12 000
Organized Research:			
Estimated New Projects and Renewals	110 000	40 000	150 000
Sub-total	(110 000)	(52 000)	(162 000)
Total, Trust Funds	$185 000	$77 500	$262 500

Administration

Salaries and Wages		
1. Henning Larsen, Dean	BY}	$ 14 000
Professor of English	AY}	
2. G. E. Moore, Associate Dean	BY}	8 000
Associate Professor of Mathematics	AY}	
3. O. A. Kubitz, Assistant Dean	DY75	4 500
(See Philosophy)	DY25	(1 500)
(Total Salary)		(6 000)
4. F. J. Koenig, Assistant Dean	DY	5 200
5. Gibbon Butler, Assistant Dean	DY	4 800
6. Nonacademic Salaries	H	22 674
Total, Salaries		(59 174)
Wages		4 000
Total, Salaries and Wages		(63 174)
Expense and Equipment		
Expense		5 000
Equipment		1 000
Contingent Fund		4 700
Division of Social Sciences Expense		200
Division of Biological Sciences Expense		1 000
Division of Biological Sciences Equipment		500
Total, Expense and Equipment		(12 400)
Total, Administration		$ 75 575

Astronomy

Salaries and Wages		
1. R. H. Baker, Professor and Head of Department	A75	$ 5 625
(See Division of General Studies)	A25	(1 875)
(Total Salary)		(7 500)
2. .50 Part-time Assistants	E	1 200
Total Salaries		(6 825)
Wages		400
Total, Salaries and Wages		(7 225)
Expense and Equipment		
Expense		490
Equipment		250
Total, Expense and Equipment		(740)
Total, Astronomy		$ 7 965

Bacteriology

Salaries and Wages		
1. H. O. Halvorson, Professor and Head of Department	A	$ 9 000
2. F. W. Tanner, Professor	A	8 000[1]
3. G. I. Wallace, Associate Professor	A	6 300
4. F. M. Clark, Associate Professor	A	5 750
5. C. M. Wilson, Assistant Professor	B	4 700
6. ————, Assistant Professor	B	4 000
7. ————, Assistant Professor (Paid from Item 2)	D	(4 000)
8. 7.5 Part-time Assistants	E	18 000
9. Nonacademic Salaries	H	8 000
Total, Salaries		(63 750)
Wages		2 500
Total, Salaries and Wages		(66 250)
Expense and Equipment		
Expense		12 000
Equipment		3 000
Total, Expense and Equipment		(15 000)
Total, Bacteriology		$ 81 250

Botany

Salaries and Wages		
1. Oswald Tippo, Professor	A}	$ 7 000
Chairman of Department	B}	
2. M. M. Rhoades, Professor	A	10 000
3. C. F. Hottes, Professor, *Emeritus*		(2 254)
(See Agronomy)		(453)
(Total from Retiring Allowances)		(2 707)
4. J. T. Buchholz, Professor	A	8 750
5. A. G. Vestal, Professor	A	6 600
6. H. J. Fuller, Professor	A85	5 270
(See University Council on Teacher Education)	D15	(930)
(Total Salary)		(6 200)
7. K. B. Raper, Visiting Lecturer (February 1 to June 30, 1950) (From Educational Nonrecurring)	G20	(850)
8. G. N. Jones, Associate Professor and Curator of Herbarium	A	5 800
9. Leland Shanor, Associate Professor and Curator of Mycological Collections	A	5 500
10. J. R. Laughnan, Assistant Professor	B	5 300
11. J. F. Nance, Assistant Professor	B	4 400
12. W. N. Stewart, Assistant Professor	B	4 500
13. Stella Hague, Associate, *Emerita* (From Retiring Allowances)		(1 144)
14. ————, Instructor	B	3 500

[1] On leave of absence with pay from September 1, 1949, to March 1, 1950, and without pay from March 1, 1950, until further notice, with disability benefits payable by Retirement System.

15. Frances E. Cottrell, Assistant	E	2 650
16. Ellen Dempsey, Research Assistant (July 1, 1949, to August 31, 1950)	GY	2 500
17. ————, Assistant	E	2 400
18. Gertrude E. Kellogg, Assistant	E	2 400
19. 10.33 Part-time Assistants	E	24 800
20. Nonacademic Salaries	H	15 984
Total, Salaries		(117 354)
Wages		750
Total, Salaries and Wages		(118 104)
Expense and Equipment		
Expense		12 000
Equipment		4 000
Total, Expense and Equipment		(16 000)
Total, Botany		$134 104

Chemistry

Salaries and Wages		
1. Roger Adams, Professor of Organic Chemistry and Head of Department	A	$ 15 400
2. W. C. Rose, Professor of Biochemistry	A	13 000
3. C. S. Marvel, Professor of Organic Chemistry	A	12 000
4. A. M. Buswell, Research Professor	AY40	4 200
(From State Water Survey)	AY60	(6 300)
(Total Salary)		(10 500)
5. H. F. Johnstone, Professor of Chemical Engineering	A67	7 334
(See Chemical Engineering Research)	AY33	(3 666)
(Total Salary)		(11 000)
6. W. H. Rodebush, Professor of Physical Chemistry	A	11 000
7. R. C. Fuson, Professor of Organic Chemistry	A	10 000
8. G. L. Clark, Professor of Chemistry	A	9 500
9. J. C. Bailar, Jr., Professor and Departmental Secretary	A	9 500
10. F. T. Wall, Professor	A	9 300
11. L. F. Audrieth, Professor	A	8 000
12. H. E. Carter, Professor	A	7 500
13. H. A. Laitinen, Professor	A	7 300
14. E. W. Comings, Professor of Chemical Engineering	A	7 300
15. T. E. Phipps, Professor of Physical Chemistry	A	7 300
16. H. R. Snyder, Professor	A	6 900
17. D. T. Englis, Professor	A	6 900
18. G. F. Smith, Professor	A	6 800
19. B. S. Hopkins, Professor, *Emeritus* (From Retiring Allowances)		(2 714)
20. J. H. Reedy, Professor, *Emeritus*		.....[1]
21. R. B. Duffield, Associate Professor	A50	3 100
(See Physics)	A50	(3 100)
(Total Salary)		(6 200)
22. G. T. Moeller, Associate Professor	A	6 000
23. H. G. Drickamer, Associate Professor of Chemical Engineering	A	5 700
24. C. S. Vestling, Assistant Professor	B	5 700
25. R. L. Frank, Assistant Professor	B	5 700
26. N. J. Leonard, Assistant Professor	B	5 700
27. B. R. Ray, Assistant Professor	B	5 300
28. L. M. Henderson, Assistant Professor	B	5 300
29. Virginia Bartow, Assistant Professor	B	5 000
30. E. R. Alexander, Assistant Professor	B	4 800
31. P. E. Yankwich, Assistant Professor	B	4 800
32. Thomas Baron, Assistant Professor	B	4 800
33. D. R. Martin, Assistant Professor	B	4 550
34. J. W. Westwater, Assistant Professor	B	4 500
35. R. K. Finn, Assistant Professor	D	4 500

[1] Retiring allowance payable by Retirement System.

36. Rosalie M. Parr, Associate, *Emerita* (From Retiring Allowances)		(1 265)
37. L. E. Miller, Instructor and Administrative Assistant to Head of Department	D	4 500
38. Scott Searles, Jr., Instructor	D	4 200
39. H. S. Gutowsky, Instructor	D	4 200
40. R. A. Johnson, Instructor	D	4 000
41. Milton Tamres, Instructor	D	4 000
42. R. M. Ross, Instructor	D	4 000
43. G. L. Bushey, Instructor	D	4 000
44. W. M. Campbell, Instructor	D75	2 900
45. L. F. Goodyear, Instructor in Glassblowing (Salary under Chemistry, Nonacademic)		.....
46. ————, Research Assistant	DY	3 600
47. T. R. Govindachari, Research Assistant	DY	3 600
48. R. A. Hardy, Research Assistant	DY	3 600
49. Elizabeth M. Petersen, Infrared Spectroscopist	DY	3 600
50. Emily E. Davis, Microanalyst	DY	3 600
51. ————, Microanalyst	DY	3 000
52. Rachel Kopel, Assistant in Microanalysis	DY	2 700
53. 53.13 Part-time Assistants	E	139 500
54. Nonacademic Salaries	H	92 784
Total, Salaries		(522 468)
Wages		2 450
Total, Salaries and Wages		(524 918)
Expense and Equipment		
Expense		170 000
Equipment		35 000
Total, Expense and Equipment		(205 000)
Total, Chemistry		$729 918

Cooperative Investigations (Under supervision of the Graduate College)

Salaries and Wages		
CONTRACT RuR SR 95		
1. P. G. Grieger, Research Assistant	GY[1]	$ 4 200
2. N. A. Meinhardt, Research Assistant	GY[1]	3 900
3. Gene Nowlin, Research Assistant	GY[1]	3 900
4. W. M. Schilling, Research Assistant (August 1, 1949, to June 30, 1950, at rate of $3900 a year)	GY	3 900
5. O. R. Irwin, Research Assistant	GY[1]	3 600
6. R. D. Rands, Research Assistant (July 1, 1949, to January 31, 1950)	GY	1 400
7. 3.75 Part-time Research Assistants	GY[1]	7 800
UPJOHN COMPANY — ANTIBIOTIC RESEARCH		
8. Barbara Christy, Special Research Assistant	DY	2 700
9. Mrs. June M. Hearn, Research Assistant	DY	2 800
10. W. R. Taylor, Postdoctoral Research Assistant	DY	3 600

Classics

Salaries and Wages		
1. J. L. Heller, Professor and Head of Department	A	$ 8 000
2. B. E. Perry, Professor	A	7 750
3. Alexander Turyn, Professor	A	6 800
4. R. P. Oliver, Associate Professor	A50	2 500
(See Spanish and Italian)	A50	(2 500)
(Total Salary)		(5 000)
5. L. D. Johnston, Assistant Professor	B	4 250
6. Francis Lazenby, Instructor	D	3 600
Total, Salaries		(32 900)
Wages		1 200
Total, Salaries and Wages		(34 100)

[1] From July 1, 1949, to June 30, 1950.

Expense and Equipment		
Expense		500
Equipment		150
Total, Expense and Equipment		(650)
Total, Classics		$ 34 750

Division of General Studies

Salaries and Wages		
1. R. G. Bone, Director	DY50	$ 4 000
Associate Professor of History	AY	.....
(See Division of Special Services for War Veterans)	DY50	(4 000)
(Total Salary)		(8 000)
2. R. H. Baker, Professor of Astronomy	A25	1 875
(See Astronomy)	A75	(5 625)
(Total Salary)		(7 500)
3. H. R. Wanless, Professor of Geology	A25	2 000
(See Geology)	A75	(6 000)
(Total Salary)		(8 000)
4. M. T. Herrick, Professor of English	A33	2 415
(See English)	A67	(4 835)
(Total Salary)		(7 250)
5. J. M. McCrimmon, Associate Professor of Humanities	A	6 000
6. H. L. Andrews, Associate Professor of Biology	A	5 300
7. J. E. Hulett, Jr., Associate Professor of Sociology	A33	1 832
(See Sociology and Anthropology)	A67	(3 668)
(Total Salary)		(5 500)
8. William Habberton, Associate Professor of History	A	5 500
9. W. E. Morrell, Associate Professor of Physical Sciences	A75	4 125
(See Student Counseling Bureau)	D25	(1 375)
(Total Salary)		(5 500)
10. L. S. Hultzén, Associate Professor of Speech	A60	3 150
(See Speech)	A40	(2 100)
(Total Salary)		(5 250)
11. O. E. Kugler, Assistant Professor of Zoology	B	4 900
12. J. B. Sirich, Assistant Professor of History	B40	1 848
(See History)	B60	(2 972)
(Total Salary)		(4 820)
13. Frank Costin, Assistant Professor of Humanities	B50	2 300
(See Student Counseling Bureau)	D50	2 300
(Total Salary)		(4 600)
14. H. E. Gulley, Assistant Professor	B40	1 800
(See Speech)	B60	(2 700)
(Total Salary)		(4 500)
15. ————, Assistant Professor of History	B	4 000
16. J. F. Glawe, Instructor in Biological Sciences	D	3 975
17. A. Tress Lundman, Instructor in Verbal Communication	D	3 700
18. O. R. Rankin, Instructor in Physical Sciences	D	3 450
19. ————, Instructor in English	D	3 000
20. Hilda Kelley, Assistant in History of Civilization	E	2 600
21. ————, Assistant in Physical Science	E	2 400
22. 3.33 Part-time Assistants	E	8 658
23. Nonacademic Salaries	H	1 950
Total, Salaries		(80 778)
Wages		1 200
Total, Salaries and Wages		(81 978)
Expense and Equipment		
Expense		2 200
Equipment		1 600
Total, Expense and Equipment		(3 800)
Total, Division of General Studies		$ 85 778

English

Salaries and Wages

1.	Henning Larsen, Professor (Salary under Administration)		.....[1]
2.	H. N. Hillebrand, Professor		.....[1]
3.	Ernest Bernbaum, Professor, *Emeritus*		.....[2]
4.	G. T. Flom, Professor, *Emeritus* (From Retiring Allowances)		$ (2 308)
5.	T. W. Baldwin, Professor	A	10 000
6.	H. F. Fletcher, Professor	A	9 750
7.	P. N. Landis, Professor Acting Head of Department	A D	8 000
8.	————, Professor	A	7 500
9.	J. J. Parry, Professor	A	7 500
10.	M. T. Herrick, Professor	A67	4 835
	(See Division of General Studies)	A33	(2 415)
	(Total Salary)		(7 250)
11.	G. N. Ray, Professor	A	7 000
12.	A. W. Secord, Professor	A	7 000
13.	R. M. Smith, Professor	A	6 400[3]
14.	C. R. Anderson, Professor of Business English	A	6 000
15.	R. A. Gettmann, Professor	A	7 000
16.	J. T. Flanagan, Professor	A	6 250
17.	C. W. Roberts, Professor and Executive Secretary of Department	A	6 000[3]
18.	S. E. Glenn, Associate Professor	A	6 000
19.	C. H. Shattuck, Associate Professor	A	5 300
20.	B. A. Milligan, Associate Professor	A	5 300
21.	R. B. Weirick, Associate Professor	A	5 250
22.	M. S. Goldman, Associate Professor	A	5 200
23.	Mrs. Leah F. Trelease, Associate Professor	A	5 000
24.	Caroline Tupper, Assistant Professor, *Emerita*		.....[2]
25.	E. G. Mathews, Assistant Professor	B33	1 500
	(See Committee on Student English)	DY67	(3 500)
	(Total Salary)		(5 000)
26.	G. B. Evans, Assistant Professor	B	4 700
27.	C. W. Wilkinson, Assistant Professor of Business English	B75	3 375
	(See Student Counseling Bureau)	D25	(1 125)
	(Total Salary)		(4 500)
28.	L. C. Warren, Assistant Professor	B	4 600
29.	Ruth Kelso, Assistant Professor	B	4 500
30.	A. G. Holaday, Assistant Professor	B	4 500
31.	R. W. Rogers, Assistant Professor	B	4 400
32.	J. N. Hook, Assistant Professor	B67	3 067
	(See University Council on Teacher Education)	D33	(1 533)
	(Total Salary)		(4 600)
33.	G. P. Haskell, Assistant Professor	B	4 400
34.	Gardiner Stillwell, Assistant Professor	B	4 400
35.	Clarissa Rinaker, Assistant Professor		.....[1]
36.	Raven McDavid, Visiting Assistant Professor	D	4 000
37.	Garreta H. Busey, Assistant Professor	B	4 000[4]
38.	Cornelia P. Kelley, Assistant Professor	B	4 000
39.	Mrs. Esther H. Rapp, Assistant Professor	B	4 000
40.	Margaret French, Assistant Professor	B	4 000
41.	F. W. Weeks, Instructor in Business English	D	4 250

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.
[2] Retiring allowance payable by Retirement System.
[3] On leave of absence with pay for second semester of 1949-1950.
[4] On leave of absence with one-half pay for 1949-1950.

42.	J. K. Quinn, Instructor	D	4 000
43.	H. W. Sargent, Instructor in Business English	D	3 900
44.	A. L. Fellows, Instructor in Business English	D	3 700
45.	Margaret Bloom, Instructor	D	3 500
46.	R. H. Moore, Instructor	D	3 500
47.	A. L. Scott, Instructor	D	3 500
48.	Helen Beveridge, Instructor	D	3 500
49.	George Scouffas, Instructor	D	3 500
50.	W. S. Worden, Instructor	D	3 500
51.	J. H. Schacht, Instructor	D	3 300
52.	F. G. Townsend, Instructor	D	3 300
53.	J. A. Hamilton, Instructor	D	3 200
54.	———, Instructor	D	3 200
55.	Mrs. Marcia Bowman, Instructor in Business English	D	3 000
56.	N. P. Davis, Instructor in Business English	D	3 000
57.	———, Instructor in Business English	D	3 000
58.	———, Instructor	D	3 000
59.	———, Instructor	D	3 000
60.	Leland Brown, Instructor in Business English	D	3 000
61.	W. J. Chamberlin, Assistant in Business English	E	3 000
62.	L. M. Magill, Assistant	E67	2 000
	(See Student Counseling Bureau)	E33	(1 000)
	(Total Salary)		(3 000)
63.	R. G. Brooks, Assistant	E67	1 933
	(See Student Counseling Bureau)	E33	(967)
	(Total Salary)		(2 900)
64.	J. T. Maguire, Assistant in Business English	E	2 800
65.	Mrs. Mildred W. Goodner, Assistant	E67	1 866
	(See Student Counseling Bureau)	E33	(934)
	(Total Salary)		(2 800)
66.	J. B. Foster, Assistant	E	2 700
67.	Sonia Miller, Assistant	E	2 700
68.	Mary A. Hussey, Assistant	E	2 700
69.	C. T. Wilkins, Assistant	E	2 700
70.	———, Assistant	E	2 600
71.	J. D. Bailey, Assistant	E	2 600
72.	T. P. Hopkins, Assistant	E	2 500
73.	A. C. Tillman, Assistant	E	2 500
74.	———, Assistant	E	2 500
75.	Mrs. Margaret Zwick, Assistant	E	2 500
76.	———, Assistant	E	2 500
77.	Helen I. Wroten, Assistant	E	2 500
78.	Dona R. Strohl, Assistant	E	2 500
79.	Marjorie F. Else, Assistant	E	2 500
80.	W. C. McAvoy, Assistant	E	2 500
81.	———, Assistant	E	2 400
82.	G. B. Hardy, Jr., Assistant	E	2 400
83.	D. H. Orgill, Assistant	E	2 400
84.	Mary M. Stevenson, Assistant	E	2 400
85.	Mrs. Josephine F. Evans, Assistant	E	2 400
86.	Mrs. Mary A. James, Assistant	E	2 400
87.	J. E. Bellamy, Assistant	E	2 400
88.	J. F. Speer, Assistant	E	2 400
89.	R. H. O'Bannon, Assistant	E	2 400
90.	Elizabeth J. Mackey, Assistant	E	2 400
91.	Mrs. Barbara Sollenberger, Assistant	E	2 400
92.	Mrs. Margaret Ruester, Assistant	E	2 400
93.	F. M. Moake, Assistant	E	2 400
94.	Marjorie M. Fear, Assistant	E	2 400
95.	O. L. Rice, Assistant	E	2 400
96.	———, Assistant	E	2 400
97.	Iris D. Wessel, Assistant	E	2 400
98.	Jerome Beaty, Assistant	E	2 400

99. W. M. Stringfellow, Assistant	E	2 400
100. R. L. Tener, Assistant	E	2 400
101. B. A. Sokoloff, Assistant	E	2 400
102. G. O. Carey, Assistant	E	2 400
103. Sarah L. Feldner, Assistant	E	2 400
104. ————, Assistant	E	2 400
105. Bernetta Jackson, Assistant	E	2 400
106. 26.50 Part-time Assistants	E	63 700
107. Nonacademic Salaries	H	10 506
Total, Salaries		(436 882)
Wages		4 000
Total, Salaries and Wages		(440 882)
Expense and Equipment		
Expense		4 500
Equipment		1 500
Total, Expense and Equipment		(6 000)
Total, English		$446 882

Entomology

Salaries and Wages		
1. W. P. Hayes, Professor and Head of Department	A	$ 8 000
2. W. V. Balduf, Professor	A	6 500
3. C. W. Kearns, Professor	A	6 800
4. G. S. Fraenkel, Professor	D	6 400
5. G. C. Decker, Professor (without salary)	A	.....
6. H. H. Ross, Professor (without salary)	A	.....
7. V. G. Milum, Associate Professor	A	5 350
8. W. R. Horsfall, Assistant Professor	B	4 600
9. 2.00 Part-time Assistants	E	4 800
10. Nonacademic Salaries	H	3 120
Total, Salaries		(45 570)
Wages		1 600
Total, Salaries and Wages		(47 170)
Expense and Equipment		
Expense		2 200
Equipment		1 500
Total, Expense and Equipment		(3 700)
Total, Entomology		$ 50 870

French

Salaries and Wages		
1. J. F. Jackson, Professor and Head of Department	A	$ 8 500
2. D. H. Carnahan, Professor, *Emeritus* (From Retiring Allowances)		(2 558)
3. C. A. Knudson, Professor	A	7 500
4. ————, Professor	A	6 000
5. C. C. Gullette, Associate Professor	A	5 700
6. P. E. Jacob, Associate Professor	A	5 300
7. J. R. Smiley, Assistant Professor	DY50	3 000
(See Graduate College, Administration)	DY50	(3 500)
(Total Salary)		(6 500)
8. C. P. Viens, Assistant Professor	B	4 700
9. Angelina R. Pietrangeli, Assistant Professor	B50	2 400
(See Spanish and Italian)	B50	(2 400)
(Total Salary)		(4 800)
10. Mrs. Frances F. Sobotka, Assistant Professor of Russian	B	4 250
11. Philip Kolb, Assistant Professor	B	4 300
12. F. W. Nachtmann, Instructor	D	3 980
13. R. E. Hallowell, Instructor	D	3 750
14. B. H. Mainous, Instructor	D	3 450
15. G. M. Oudyn, Instructor	D	3 300
16. Cordelia Reed, Assistant	E	2 800
17. Mrs. Elaine F. Newkirk, Assistant	E	2 600

18. John Alexander, Assistant		.....[1]
19. 5.00 Part-time Assistants	E	12 000
20. Nonacademic Salaries	H	1 740
Total, Salaries		(85 270)
Expense and Equipment		
Expense		1 000
Total, French		$ 86 270

Geography

Salaries and Wages		
1. J. A. Russell, Professor and Head of Department	A	$ 8 000
2. W. O. Blanchard, Professor	A	6 600
3. J. L. Page, Associate Professor	A	5 500
4. J. H. Garland, Associate Professor	A	5 500[2]
5. F. W. Foster, Associate Professor	A	5 500
6. A. W. Booth, Associate Professor	A	5 000
7. ————, Assistant Professor	B	4 500
8. Mary Grant, Instructor	D	3 250
9. Dorothea Garrison, Assistant	E	2 800
10. 5.5 Part-time Assistants	E	13 200
11. Nonacademic Salaries	H	2 100
Total, Salaries		(61 950)
Wages		500
Total, Salaries and Wages		(62 450)
Expense and Equipment		
Expense		1 200
Equipment		1 600
Total, Expense and Equipment		(2 800)
Total, Geography		$ 65 250

Geology

Salaries and Wages		
1. G. W. White, Professor and Head of Department	A	$ 9 000
2. F. W. DeWolf, Professor, *Emeritus*		.....[3]
3. H. R. Wanless, Professor	A75	6 000
(See Division of General Studies)	A25	(2 000)
(Total Salary)		(8 000)
4. H. W. Scott, Professor	A	7 000[2]
5. C. A. Chapman, Professor	A	7 000[4]
6. A. F. Hagner, Associate Professor	A	6 200
7. J. L. Hough, Associate Professor	A	5 900
8. P. R. Shaffer, Associate Professor	A	5 700
9. Bernhard Kummel, Associate Professor	A	5 500
10. ————, Assistant Professor	B	5 300
11. D. M. Henderson, Instructor	D	4 050
12. 12.00 Part-time Assistants	E	28 800
13. Nonacademic Salaries	H	8 250
Total, Salaries		(98 700)
Wages		1 500
Total, Salaries and Wages		(100 200)
Expense and Equipment		
Expense		10 000
Equipment		18 000
Total, Expense and Equipment		(28 000)
Total, Geology		$128 200

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.
[2] On leave of absence with pay for second semester of 1949-1950.
[3] Retiring allowance payable by Retirement System.
[4] On leave of absence with pay for first semester of 1949-1950.

German

Salaries and Wages		
1. Helmut Rehder, Professor and Head of Department	A	$ 9 200
2. D. W. Schumann, Professor	A	7 500
3. C. A. Williams, Professor, *Emeritus*		.....[1]
4. J. T. Geissendoerfer, Professor	A	6 300[2]
5. E. A. Philippson, Associate Professor	A	6 100
6. J. R. Frey, Associate Professor	A	5 700
7. Daisy L. Blaisdell, Assistant Professor, *Emerita* (From Retiring Allowances)		(1 330)
8. Mimi I. Jehle, Assistant Professor	B	4 940
9. F. J. Nock, Assistant Professor	B	5 000
10. Henri Stegemeier, Assistant Professor	B	4 800
11. Herbert Penzl, Assistant Professor	B	4 500
12. W. F. Roertgen, Instructor	D	3 500
13. R. R. Brewster, Instructor	D	3 500
14. W. K. H. Gieseke, Instructor	D	3 200
15. Pauline J. Steiner, Instructor	D	3 200
16. R. J. Doney, Assistant	E	3 200
17. 6.50 Part-time Assistants	E	15 600
18. Nonacademic Salaries	H	1 650
Total, Salaries		(87 890)
Wages		300
Total, Salaries and Wages		(88 190)
Expense and Equipment		
Expense		900
Equipment		400
Total, Expense and Equipment		(1 300)
Total, German		$ 89 490

History

Salaries and Wages		
1. F. C. Dietz, Professor and Head of Department	A	$ 9 500
2. W. S. Robertson, Professor, *Emeritus* (From Retiring Allowances)		(2 814)
3. J. G. Randall, Professor, *Emeritus*		.....[1]
4. F. A. Shannon, Professor	A	8 500
5. J. W. Swain, Professor	A	7 750
6. R. P. Stearns, Professor	A	7 250[3]
7. P. V. B. Jones, Professor	A	6 700
8. F. S. Rodkey, Professor	A	6 300
9. C. E. Nowell, Professor	A	6 300
10. E. L. Erickson, Associate Professor	A	5 800
11. R. C. Werner, Associate Professor	A	5 900
12. C. G. Starr, Associate Professor	A	5 700
13. R. G. Bone, Associate Professor (Salary under Division of General Studies and Division of Special Services for War Veterans)		.....
14. A. E. Bestor, Associate Professor (Salary under Special Graduate Fund)		.....
15. F. B. Freidel, Jr., Assistant Professor	B	4 900
16. A. R. Hogue, Assistant Professor	B	4 900
17. Louise B. Dunbar, Assistant Professor	B	4 900
18. Mary L. Shay, Assistant Professor	B	4 800
19. J. B. Sirich, Assistant Professor	B60	2 972
(See Division of General Studies)	B40	(1 848)
(Total Salary)		(4 820)
20. Ameda R. King, Associate	D	3 900

[1] Retiring allowance payable by Retirement System.
[2] On leave of absence with pay for second semester of 1949-1950.
[3] On leave of absence with pay for first semester of 1949-1950.

21. Natalia M. Belting, Associate	D	3 900
22. R. M. Sutton, Instructor	D67	2 550
(See University Council on Teacher Education)	D33	(1 275)
(Total Salary)		(3 825)
23. N. F. Norman, Instructor	D	3 800
24. ————, Assistant	E	2 800
25. ————, Assistant	E	2 500
26. 6.50 Part-time Assistants	E	16 975
27. Nonacademic Salaries	H	2 502
Total, Salaries		(131 099)
Wages		1 000
Total, Salaries and Wages		(132 099)
Expense and Equipment		
Expense		1 500
Equipment		550
Total, Expense and Equipment		(2 050)
Total, History		$134 149

Mathematics

Salaries and Wages		
1. S. S. Cairns, Professor and Head of Department	A	$ 11 000
2. A. B. Coble, Professor, *Emeritus*		.....[1]
3. E. J. Townsend, Professor, *Emeritus* (From Retiring Allowances)		(3 000)
4. G. A. Miller, Professor, *Emeritus* (From Retiring Allowances)		(2 950)
5. Arnold Emch, Professor, *Emeritus* (From Retiring Allowances)		(2 168)
6. R. D. Carmichael, Professor, *Emeritus*		.....[1]
(See Graduate College)		
7. J. L. Doob, Professor	A	10 000[2]
8. W. G. Madow, Professor of Mathematical Statistics	A	9 000
9. H. R. Brahana, Professor	A	8 500
10. W. J. Trjitzinsky, Professor	A	8 500
11. Reinhold Baer, Professor	A	8 000
12. D. G. Bourgin, Professor	A	8 000
13. L. K. Hua, Visiting Professor	D	7 500
14. H. J. Miles, Professor	A50	3 400
Executive Secretary of Department	DY50	3 400
(Total Salary)		(6 800)
15. P. W. Ketchum, Professor	A	6 500
16. A. H. Taub, Research Professor of Applied Mathematics (Salary under Special Graduate Fund)		.....
17. H. W. Bailey, Professor (Salary under Chicago Undergraduate Division)		.....
18. M. M. Day, Professor	A	6 000
19. G. E. Moore, Associate Professor (Salary under Administration)		.....
20. Olive C. Hazlett, Associate Professor		.....[3]
21. C. W. Mendel, Associate Professor	A50	3 250
(See Provost's Office)	DY50	(4 000)
(Total Salary)		(8 250)
22. Harry Levy, Associate Professor	A	5 500
23. J. W. Peters, Associate Professor	A	5 200
24. G. P. Hochschild, Assistant Professor	B	5 100
25. H. E. Vaughan, Assistant Professor	B	4 800
26. M. E. Munroe, Assistant Professor	B	4 700

[1] Retiring allowance payable by Retirement System.
[2] On leave of absence with one-half pay for 1949-1950.
[3] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

27. L. L. Steimley, Assistant Professor	B	4 600
28. Herman Chernoff, Assistant Professor	B	4 500
29. Beulah M. Armstrong, Assistant Professor	B	4 500
30. Josephine H. Chanler, Assistant Professor	B	4 500
31. W. A. Ferguson, Assistant Professor	B	4 500
32. J. D. Landin, Assistant Professor	B	4 500
33. Echo D. Pepper, Associate Professor	B	4 500
34. Lowell Schoenfeld, Assistant Professor	B	4 500
35. Vivian R. Neuss, Assistant Professor	B75	3 300
(See University Council on Teacher Education)	D25	(1 100)
(Total Salary)		(4 400)
36. M. K. Fort, Jr., Assistant Professor	B	4 300
37. B. E. Meserve, Assistant Professor	B	4 300
38. Irving Reiner, Assistant Professor	B	4 300
39. W. F. Atchison, Assistant Professor	B	4 200
40. O. K. Bower, Assistant Professor	B	4 200
41. V. A. Hoersch, Assistant Professor	B	4 200
42. F. E. Hohn, Assistant Professor	B	4 200
43. Josephine M. Mitchell, Assistant Professor	B	4 200
44. E. J. Scott, Assistant Professor	B	4 200
45. Wilfrid Wilson, Assistant Professor	B	4 200
46. Harry Lass, Assistant Professor	B	4 200
47. R. G. Langebartel, Instructor	D	3 900
48. Corinne R. Hattan, Instructor	D	3 800
49. Jewell E. Schubert, Instructor	D	3 800
50. Max Kramer, Instructor	D	3 750
51. Clarence Phillips, Instructor	D	3 300
52. W. H. Taylor, Instructor	D	3 300
53. 18.25 Part-time Assistants	E	44 740
54. Nonacademic Salaries	H	4 830
Total, Salaries		(275 670)
Wages		250
Total, Salaries and Wages		(275 920)
Expense and Equipment		
Expense		3 000
Total, Mathematics		$278 920

Philosophy

Salaries and Wages		
1. M. T. McClure, Professor and Head of Department	AY	$ 10 250
2. M. H. Fisch, Professor	A	8 000
3. D. W. Gotshalk, Professor	A	8 000
4. J. A. Nicholson, Associate Professor	A	6 250
5. F. L. Will, Associate Professor	A	6 000
6. A. R. Turquette, Associate Professor	A	5 250
7. B. J. Diggs, Assistant Professor	B	4 600
8. O. A. Kubitz, Assistant Professor	DY25	1 500
(See Administration)	DY75	(4 500)
(Total Salary)		(6 000)
9. Leonard Linsky, Instructor	D	3 700
10. N. M. Lawrence, Instructor	D	3 950
11. H. M. Tiebout, Instructor	D	3 750
12. 2.00 Part-time Assistants	E	4 800
13. Nonacademic Salaries	H	1 770
Total, Salaries		(67 820)
Wages		300
Total, Salaries and Wages		(68 120)
Expense and Equipment		
Expense		1 000
Total, Philosophy		$ 69 120

Physiology

Salaries and Wages		
1. R. E. Johnson, Professor and Head of Department	A	$ 10 000
2. C. L. Prosser, Professor	A	6 700
3. F. R. Steggerda, Professor	A	6 300
4. A. B. Taylor, Associate Professor	A	5 300
5. V. J. Wulff, Assistant Professor	B50	2 125
(See Electrical Engineering)	BY50	(2 600)
(Total Salary)		(4 725)
6. W. P. Elhardt, Assistant Professor	B	4 000
7. ————, Research Associate	DY	5 500
8. G. C. Wickwire, Instructor	D	3 800
9. J. D. Anderson, Instructor	D	3 800
10. S. G. Stolpe, Instructor	D	3 600
11. Ruth T. Krouse, Instructor	D	3 100
12. Donald Beyer, Assistant	E	2 400
13. 6.47 Part-time Assistants	E	15 525
14. Nonacademic Salaries	H	4 620
Total, Salaries		(76 770)
Wages		1 000
Total, Salaries and Wages		(77 770)
Expense and Equipment		
Expense		10 000
Equipment		3 500
Total, Expense and Equipment		(13 500)
Total, Physiology		$ 91 270

Political Science

Salaries and Wages		
1. C. M. Kneier, Professor	A92	$ 9 000
Chairman of Department	B	
(See Institute of Government and Public Affairs)	DY8	(1 000)
(Total Salary)		(10 000)
2. C. A. Berdahl, Professor	A	9 000
3. J. M. Mathews, Professor	A	8 500
4. F. G. Wilson, Professor	A	8 000
5. Phillips Bradley, Professor		.....
(Salary under Institute of Labor and Industrial Relations)		
6. ————, Professor	A	7 000
7. C. F. Snider, Professor	A	6 000
8. C. B. Hagan, Associate Professor	A	5 350
9. Valentine Jobst, III, Associate Professor	A	5 600
10. E. G. Lewis, Associate Professor	A	5 000
11. ————, Assistant Professor	A	4 500
12. George Manner, Assistant Professor	B	4 000
13. Phillip Monypenny, Assistant Professor	B	4 250
14. N. F. Garvey, Assistant Professor	D25	1 000
(See University Extension)	DY75	(4 400)
(Total Salary)		(5 400)
15. J. M. Edelman, Assistant Professor	DY20[1]	980
(See Institute of Labor and Industrial Relations)	DY80[1]	(3 920)
(Total Salary)		(4 900)
16. J. A. Ranney, Instructor	D	3 750
17. R. E. Scott, Instructor	D	3 500
18. 4.50 Part-time Assistants	E	12 800
19. Nonacademic Salaries	H	2 640
Total, Salaries		(100 870)
Wages		600
Total, Salaries and Wages		(101 470)

[1] One-fourth time in Political Science during academic year; three-fourths time in Institute during academic year and full time in summer.

Expense and Equipment		
Expense		2 250
Total, Political Science		$103 720

Psychology

Salaries and Wages		
1. Herbert Woodrow, Professor and Head of Department	A	$ 9 500
2. O. H. Mowrer, Research Professor		.....
(Salary under Special Graduate Fund)		
3. R. B. Cattell, Research Professor		.....
(Salary under Special Graduate Fund)		
4. C. M. Louttit, Professor		.....
(Salary under Provost's Office)		
5. Ross Stagner, Professor	AY50	4 000
(See Institute of Labor and Industrial Relations)	AY50	(4 000)
(Total Salary)		(8 000)
6. ————, Professor	A	7 250
7. P. T. Young, Professor	A	7 000
8. L. I. O'Kelly, Professor	A	6 000
9. G. D. Higginson, Professor	A	6 450
10. L. L. McQuitty, Associate Professor	AY50	3 650
(See Institute of Labor and Industrial Relations)	AY50	(3 650)
(Total Salary)		(7 300)
11. T. W. Harrell, Associate Professor	A	6 150
12. C. E. Osgood, Associate Professor	B50	2 625
(See Institute of Communications)	B50	(2 625)
(Total Salary)		(5 250)
13. R. M. Collier, Associate Professor	A83	4 650
14. L. A. Pennington, Associate Professor	E8	500
15. A. C. Williams, Jr., Research Associate Professor	AY	6 500
16. W. G. McAllister, Associate Professor	A	5 200
17. W. M. Gilbert, Associate Professor		.....
(Salary under Student Counseling Bureau)		
18. L. A. Hellmer, Associate Professor		.....
(Salary under Student Counseling Bureau)		
19. R. P. Larsen, Assistant Professor		.....
(Salary under Student Counseling Bureau)		
20. T. N. Ewing, Assistant Professor		.....
(Salary under Student Counseling Bureau)		
21. Mrs. Alice K. Jonietz, Assistant Professor		.....
(Salary under Student Counseling Bureau)		
22. Gertrude L. Bates, Assistant Professor	DY35	2 150
(From Trust U. S. Public Health Service)	DY65	(3 600)
(Total Salary)		(5 750)
23. ————, Assistant Professor	B50	2 500
(See Speech)	B50	(2 500)
(Total Salary)		(5 000)
24. J. B. Cohen, Assistant Professor	B	4 780
25. A. L. Irion, Assistant Professor	B	4 600
26. G. R. Grice, Assistant Professor	B	4 600
27. A. J. Brodbeck, Assistant Professor	B	4 400
28. D. A. Gordon, Assistant Professor	B	4 350
29. P. V. Marchetti, Assistant Professor	B	4 350
30. H. A. Grace, Assistant Professor	B	4 200
31. A. L. Comrey, Assistant Professor	B	4 000
32. Kathryn G. Hansen, Instructor	DY12	490
(See Nonacademic Personnel)	H88	(4 140)
(Total Salary)		(4 630)
33. D. S. Pomery, Instructor	D	4 250
34. W. G. Matheny, Instructor	D33	1 000
(From ONR Psychology TO16)	D67	(3 000)
(Total Salary)		(4 000)
35. Martha H. Heaton, Instructor	D25	875

36. B. E. Fulk, Assistant	E	2 400
37. ————, Assistant	E	2 400
38. .50 Part-time Clinical Assistants	DY50	1 600
39. 5.0 Part-time Assistants	E	12 000
AVIATION PSYCHOLOGY		
40. 1.00 Part-time Research Assistants	DY	3 200
41. Nonacademic Salaries	H	9 105
Total, Salaries		(146 725)
Wages, General		2 300
Wages, Aviational Psychology		900
Total, Wages		(3 200)
Total, Salaries and Wages		(149 925)
Expense and Equipment		
Expense, General		4 000
Expense, Aviational Psychology		3 900
Equipment, General		3 200
Equipment, Aviational Psychology		2 000
Total, Expense and Equipment		(13 100)
Total, Psychology		$163 025

Cooperative Investigations

Salaries and Wages		
UNITED STATES PUBLIC HEALTH SERVICE		
1. Edward Ross, Professor	E25	$ 3 250

Sociology and Anthropology

Salaries and Wages		
1. J. W. Albig, Professor Chairman of Department	A B	$ 8 000[1]
(See Institute of Communications)		
2. E. T. Hiller, Professor, *Emeritus*		.....[2]
3. F. W. Znaniecki, Professor	A	7 500
4. ————, Professor	A	7 000
5. D. R. Taft, Professor	A	7 000
6. D. E. Lindstrom, Professor of Rural Sociology		.....
(Salary under Agricultural Economics)		
7. B. F. Timmons, Associate Professor	A	6 200
8. J. C. McGregor, Associate Professor of Anthropology	A	5 500
9. Oscar Lewis, Associate Professor of Anthropology	A	5 500
10. Robert Dubin, Associate Professor	AY40[3]	2 600
(See Institute of Labor and Industrial Relations)	AY60[3]	(3 900)
(Total Salary)		(6 500)
11. J. E. Hulett, Jr., Associate Professor	A67	3 668
(See Division of General Studies)	A33	(1 832)
(Total Salary)		(5 500)
12. R. S. Dewey, Assistant Professor	B	5 000
13. R. H. Bierstedt, Assistant Professor	B	5 000
14. E. A. Ahrens, Assistant Professor	B	4 700
15. R. W. Janes, Assistant Professor	B	4 500
16. D. E. Wray, Assistant Professor	DY40[3]	1 960
(See Institute of Labor and Industrial Relations)	DY60[3]	(2 940)
(Total Salary)		(4 900)
17. Mrs. Margaret K. Chandler, Assistant Professor	DY20[4]	980
(See Institute of Labor and Industrial Relations)	DY80[4]	(3 920)
(Total Salary)		(4 900)
18. C. L. Folse, Lecturer		.....
(Salary under Agricultural Economics)		

[1] On leave of absence with one-half pay for first semester of 1949-1950.
[2] Retiring allowance payable by Retirement System.
[3] One-half time in each department during academic year and full time in Institute in summer.
[4] One-fourth time in Sociology during academic year; three-fourths time in Institute during academic year and full time in summer.

19. F. W. Terrien, Lecturer		.....
(Salary under Institute of Labor and Industrial Relations)		
20. T. C. Esselstyn, Instructor	D	3 600
21. ————, Instructor	D	3 000
22. Max Kaplan, Assistant	E	2 800
23. ————, Assistant	E	2 800
24. 4.00 Part-time Assistants	E	11 200
25. Nonacademic Salaries	H	3 240
Total, Salaries		(101 748)
Wages		600
Total, Salaries and Wages		(102 348)
Expense and Equipment		
Expense		1 000
Total, Sociology and Anthropology		$103 348

Spanish and Italian

Salaries and Wages		
1. John Van Horne, Professor and Head of Department	A	$ 8 500[1]
2. Arthur Hamilton, Professor	A88	6 600
Acting Head of Department	D	
(See Dean of Students)	DY12	(900)
(Total Salary)		(7 500)
3. H. R. Kahane, Professor	A	6 250
4. ————, Visiting Professor	D	4 600
(Paid from Item 1)		(400)
(Total Salary)		(5 000)
5. R. P. Oliver, Associate Professor	A50	2 500
(See Classics)	A50	(2 500)
(Total Salary)		(5 000)
6. J. S. Flores, Assistant Professor	B85	4 080
(See University Council on Teacher Education)	D15	(720)
(Total Salary)		(4 800)
7. Angelina R. Pietrangeli, Assistant Professor	B50	2 400
(See French)	B50	(2 400)
(Total Salary)		(4 800)
8. J. H. D. Allen, Assistant Professor	B	4 800
9. Alfredo Cantón, Assistant Professor	D	4 000
10. Mrs. Albertine W. Osgood, Instructor	D75	2 925
(See Student Counseling Bureau)	D25	(975)
(Total Salary)		(3 900)
11. Concepción Zardoya, Visiting Instructor	D	3 600
12. H. P. Reeves, Instructor	D	3 500
13. ————, Instructor	D	3 000
14. ————, Instructor	D	3 000
15. Mrs. Ruth C. Fosnaugh, Assistant	E	3 000
16. 15.50 Part-time Assistants	E	37 400
17. .50 Part-time Assistants	E50	(1 200)
18. Nonacademic Salaries	H	2 200
Total, Salaries		(102 375)
Expense and Equipment		
Expense		1 200
Equipment		600
Total, Expense and Equipment		(1 800)
Total, Spanish and Italian		$104 175

Speech

Salaries and Wages		
1. K. R. Wallace, Professor and Head of Department	A	$ 8 500
2. Grant Fairbanks, Professor	A	8 300

[1] On leave of absence with one-half pay for 1949-1950.

3.	B. W. Hewitt, Professor	A	6 800
4.	W. M. Parrish, Professor	A	6 000
5.	Arnold Sundgaard, Associate Professor	A	6 000
6.	E. T. Curry, Associate Professor	A	5 800
7.	J. W. Swanson, Associate Professor and Supervisor of Dramatic Productions	A	5 500
8.	Richard Murphy, Associate Professor	A	5 500
9.	Severina E. Nelson, Associate Professor and Director of Speech Clinic	A80	4 400
	(See University Council on Teacher Education)	D20	(1 100)
	(Total Salary)		(5 500)
10.	K. A. Windesheim, Associate Professor	A85	4 505
	(See University Council on Teacher Education)	D15	(795)
	(Total Salary)		(5 300)
11.	L. S. Hultzén, Associate Professor	A40	2 100
	(See Division of General Studies)	A60	(3 150)
	(Total Salary)		(5 250)
12.	C. B. Owens, Assistant Professor	B	4 800
13.	————, Assistant Professor	B50	2 500
	(See Psychology)	B50	(2 500)
	(Total Salary)		(5 000)
14.	G. J. Taylor, Assistant Professor	B	4 800
15.	O. A. Dieter, Assistant Professor	B	4 600
16.	Marie Hochmuth, Assistant Professor	B	4 400
17.	H. L. Mueller, Assistant Professor	B50	2 100
	(See Education)	B50	(2 100)
	(Total Salary)		(4 200)
18.	H. E. Gulley, Assistant Professor and Supervisor of Debate	B60	2 700
	(See Division of General Studies)	B40	(1 800)
	(Total Salary)		(4 500)
19.	Joseph Scott, Assistant Professor	B	4 500
20.	K. W. Broadrick, Instructor	D	3 900
21.	Mrs. Marie O. Shere, Instructor and Supervisor of Organic and Articulatory Disorders	D	3 750
22.	Ida Levinson, Instructor in Speech Clinic	D	3 650
23.	Mrs. Naomi Hunter, Instructor and Supervisor of Voice Rhythmical Disorders	D	3 608
24.	Patricia McIlrath, Instructor	D	3 600
25.	Mrs. Beulah Swengel, Instructor and Supervisor of Children's Speech	D	3 510
26.	C. C. Bender, Instructor	D	3 400
27.	L. W. Olson, Instructor	D	3 500
28.	O. M. Walter, Instructor	D	3 500
29.	Lucilla Hall, Instructor	D	3 400
30.	W. W. Adams, Instructor	D	3 400
31.	Hazel Bothwell, Instructor	D50	1 500
	(See Education)	D50	(1 500)
	(Total Salary)		(3 000)
32.	Jack Mills, Assistant	E	3 000
33.	Ned Donahoe, Assistant	E	2 800
34.	Genevieve Richardson, Assistant	E	2 800
35.	Nancy McKaig, Assistant	E	2 700
36.	G. E. Reddick, Assistant	E	2 700
37.	Mrs. Marjorie W. Swanson, Assistant	E	2 600
38.	————, Assistant	E	2 400
39.	————, Assistant	E	2 400
40.	W. R. Johnson, Assistant	E	2 400
41.	————, Assistant	E	2 400
42.	8.50 Part-time Assistants	E	20 740
43.	Nonacademic Salaries	H	11 970
	Total, Salaries		(193 433)

Wages		1 800
Total, Salaries and Wages		(195 233)
Expense and Equipment		
Expense		4 600
Equipment		2 000
Total, Expense and Equipment		(6 600)
Total, Speech		$201 833

Speech Revolving Account (Entire budget from receipts)

Expense and Equipment		
Expense		$ 1 600
Total, Speech Revolving Account		$ 1 600

Zoology

Salaries and Wages		
1. ————, Professor and Head of Department	A	$ 12 000
2. C. G. Hartman, Professor of Zoology and Physiology, *Emeritus*		.....[1]
3. V. E. Shelford, Professor, *Emeritus*		.....[1]
4. L. A. Adams, Professor, *Emeritus*		.....[1]
5. H. J. Van Cleave, Research Professor		.....
(Salary under Special Graduate Fund)		
6. R. R. Kudo, Professor	A	8 000
7. F. B. Adamstone, Professor	A	7 000
Acting Head of Department (Paid from Item 1)	D	(500)
(Total Salary)		(7 500)
8. L. J. Thomas, Professor	A	6 300
9. S. C. Kendeigh, Professor	A	6 300
10. S. M. Rose, Associate Professor	A	5 800
11. B. V. Hall, Associate Professor	A	5 000[2]
12. Lester Ingle, Associate Professor	A	5 000
13. W. M. Luce, Associate Professor	A	5 000
14. H. I. Fisher, Assistant Professor	B	5 000
15. H. M. Smith, Assistant Professor	B	5 000
16. D. F. Hoffmeister, Assistant Professor	D8	360
(See Natural History Museum)	DY92	(4 890)
(Total Salary)		(5 250)
17. ————, Assistant Professor	B	4 000
18. O. E. Kugler, Assistant Professor		.....
(Salary under Division of General Studies)		
19. H. H. Shoemaker, Assistant Professor	B	4 300
20. M. R. Matteson, Assistant Professor	B	4 300
21. J. B. Kitzmiller, Instructor	D	4 000
22. F. J. Kruidenier, Instructor	D	3 800
23. ————, Instructor	D	3 000
24. Beatrice M. Flori, Assistant	E	2 600
25. C. A. Blomquist, Research Assistant	E	2 600
26. Marion L. Birkner, Histological Technician	E	2 800
27. Mrs. Katharine H. Paul, Scientific Artist	E	3 640
28. 12.33 Part-time Assistants	E	29 650
29. Nonacademic Salaries	H	16 008
Total, Salaries		(151 458)
Wages		2 500
Total, Salaries and Wages		(153 958)
Expense and Equipment		
Expense		20 000
Equipment		6 500
Total, Expense and Equipment		(26 500)
Total, Zoology		$180 458

[1] Retiring allowance payable by Retirement System.
[2] On leave of absence with one-half pay for 1949-1950.

Classical Museum

Salaries and Wages		
1. ————, Curator		.....
(Salary under Classics)		
Wages		$ 1 000
Total, Salaries and Wages		(1 000)
Expense and Equipment		
Expense		300
Equipment		200
Total, Expense and Equipment		(500)
Total, Classical Museum		$ 1 500

Museum of European Culture

Salaries and Wages		
1. Mrs. Florence Fletcher, Curator of Museum	E50	$ 2 200
Wages		160
Total, Salaries and Wages		(2 360)
Expense and Equipment		
Expense		150
Equipment		450
Total, Expense and Equipment		(600)
Total, Museum of European Culture		$ 2 960

Natural History Museum

Salaries and Wages		
1. D. F. Hoffmeister, Curator	DY92	$ 4 890
(See Zoology)	D8	(360)
(Total Salary)		(5 250)
2. Nonacademic Salaries	H50	750
Total, Salaries		(5 640)
Wages		970
Total, Salaries and Wages		(6 610)
Expense and Equipment		
Expense		3 500
Equipment		2 700
Total, Expense and Equipment		(6 200)
Total, Natural History Museum		$ 12 810

COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION

Summary

College	*Salaries and Wages*	*Other Expense*	*Total*
Administration	$32 844	$ 6 500	$39 344
Farm and Home Week	.....	3 000	3 000
Vocational Agriculture	19 710	4 000	23 710
Agricultural Economics	61 140	1 250	62 390
Agricultural Engineering	34 116	3 500	37 616
Agronomy	66 285	4 000	70 285
Animal Science	91 620	49 500	141 120
Dairy Science	121 443	50 000	171 443
Food Technology	29 865	10 000	39 865
Forestry	12 925	3 100	16 025
Home Economics	127 650	14 000	141 650
Horticulture	89 592	10 500	100 092
Sub-total	(687 190)	(159 350)	(846 540)
Organized Activities relating to College (self-supporting)			
Dairy Creamery	21 880	69 000	90 880
Home Economics Cafeteria	4 400	10 900	15 300
Total, Self-supporting	(26 280)	(79 900)	(106 180)
Total, College	(713 470)	(239 250)	(952 720)

Station	*Salaries and Wages*	*Other Expense*	*Total*
Administration	54 724	12 500	67 224
Dixon Springs Experiment Station	63 482	65 500	128 982
Agricultural Economics	89 082	10 000	99 082
Agricultural Engineering	52 446	3 500	55 946
Agronomy	246 955	65 000	311 955
Animal Science	178 150	98 500	276 650
Dairy Science	103 117	48 500	151 617
Food Technology	54 315	12 000	66 315
Forestry	18 410	5 050	23 460
Home Economics	12 600	3 500	16 100
Horticulture	186 835	27 500	214 335
Veterinary Research	25 210	33 500	58 710
Sub-total	(1 085 326)	(385 050)	(1 470 376)
Organized Activities relating to Station (self-supporting)			
Agricultural Research Revolving	.....	5 000	5 000
Farm Account Revolving	12 500	2 500	15 000
Corn Testing Revolving	.....	600	600
Soil Testing Revolving	500	1 300	1 800
Official Test Revolving	20 332	5 300	25 632
Total, Self-supporting	(33 332)	(14 700)	(48 032)
Adams Fund	15 000	.....	15 000
Bankhead-Jones	95 947	5 000	100 947
Hatch Fund	15 000	.....	15 000
Purnell Fund	52 000	8 000	60 000
Regional Research Fund	14 710	11 340	26 050
Research and Marketing Fund	55 000	13 817	68 817
Total, Federal	(247 657)	(38 157)	(285 814)
Total, Station	(1 366 315)	(437 907)	(1 804 222)
Extension			
Farm and Home Advisers	364 464	.....	364 464
Illinois Farmers' Institute	7 216	8 000	15 216
State Agricultural Extension	207 802	22 000	229 802
Sub-total	(579 482)	(30 000)	(609 482)
Additional Cooperative Fund	9 000	1 737	10 737
Bankhead-Flannagan Fund	329 360	14 316	343 676
Capper-Ketcham Fund	36 720	1 463	38 183
Research and Marketing-Extension Fund	3 500	.....	3 500
Smith-Lever Fund (including Bankhead-Jones)	409 780	121 389	531 169
Total, Federal	(788 360)	(138 905)	(927 265)
Extension Revolving	500	17 500	18 000
Total, Extension	(1 368 342)	(186 405)	(1 554 747)
Grand Total	$3 448 127	$863 562	$4 311 689

Resources for Budget

College	*University and Federal Funds*	*Estimated Income from Sales*[1]	*Total*
Administration	$39 344	.....	$39 344
Farm and Home Week	3 000	.....	3 000
Vocational Agriculture	23 710	.....	23 710
Agricultural Economics	62 390	.....	62 390
Agricultural Engineering	37 516	$ 100	37 616
Agronomy	70 285	.....	70 285
Animal Science	118 620	22 500	141 120
Dairy Science	151 443	20 000	171 443
Food Technology	39 865	.....	39 865
Forestry	16 025	.....	16 025
Home Economics	141 650	.....	141 650
Horticulture	90 092	10 000	100 092
Sub-total	(793 940)	(52 600)	(846 540)

[1] Expenditures may not exceed actual receipts if less than estimate.

Resources for Budget (concluded)

College	*University and Federal Funds*	*Estimated Income from Sales*	*Total*
Organized Activities Relating to College (self-supporting)			
Dairy Creamery	.....	90 880	90 880
Home Economics Cafeteria	.....	15 300	15 300
Total, Self-supporting	.....	(106 180)	(106 180)
Total, College	(793 940)	(158 780)	(952 720)
Station			
Administration	67 224	.....	67 224
Dixon Springs Experiment Station	83 982	45 000	128 982
Agricultural Economics	99 082	.....	99 082
Agricultural Engineering	55 946	.....	55 946
Agronomy	291 955	20 000	311 955
Animal Science	206 650	70 000	276 650
Dairy Science	131 617	20 000	151 617
Food Technology	66 315	.....	66 315
Forestry	23 460	.....	23 460
Home Economics	16 100	.....	16 100
Horticulture	204 335	10 000	214 335
Veterinary Research	56 710	2 000	58 710
Sub-total	(1 303 376)	(167 000)	(1 470 376)
Organized Activities Relating to Station (self-supporting)			
Agricultural Research Revolving	.....	5 000	5 000
Farm Account Revolving	.....	15 000	15 000
Corn Testing Revolving	.....	600	600
Soil Testing Revolving	.....	1 800	1 800
Official Test Revolving	.....	25 632	25 632
Total, Self-supporting	.....	(48 032)	(48 032)
Adams Fund	15 000	.....	15 000
Bankhead-Jones Fund	100 947	.....	100 947
Hatch Fund	15 000	.....	15 000
Purnell Fund	60 000	.....	60 000
Regional Research Fund	26 050	.....	26 050
Research and Marketing Fund	68 817	.....	68 817
Total, Federal	(285 814)	.....	(285 814)
Total, Station	(1 589 190)	(215 032)	(1 804 222)
Extension			
Farm and Home Advisers	364 464	.....	364 464
Illinois Farmers' Institute	15 216	.....	15 216
State Agricultural Extension	229 802	.....	229 802
Sub-total	(609 482)	.....	(609 482)
Additional Cooperative Fund	10 737	.....	10 737
Bankhead-Flannagan Fund	343 676	.....	343 676
Capper-Ketcham Fund	38 183	.....	38 183
Research and Marketing Fund	3 500	.....	3 500
Smith-Lever Fund (including Bankhead-Jones)	531 169	.....	531 169
Total, Federal	(927 265)	.....	(927 265)
Extension Revolving	.....	18 000	18 000
Total, Extension	(1 536 747)	(18 000)	(1 554 747)
Grand Total	$3 919 877	$391 812	$4 311 689

Summary Fund Statement — Income

	College	*Station*	*Extension*	*Total*
General University Funds	$793 940	$1 303 376	$ 609 482	$2 706 798
Estimated Income from Sales Reserved for Departmental Use	52 600	167 000	.....	219 600[1]
Total, Appropriations to Departments	(846 540)	(1 470 376)	(609 482)	(2 926 398)
Self-Supporting Accounts	106 180	48 032	18 000	172 212
Federal Funds	.....	285 814	927 265	1 213 079
Total	$952 720	$1 804 222	$1 554 747	$4 311 689

Expendable Gift and Endowment Funds	*Salaries and Wages*	*Other Expense*	*Total*
Instruction (endowment income):			
Estimated New Projects and Renewals	.....	$ 200	$ 200
Organized Research (gifts):			
Estimated New Projects and Renewals	$140 000	35 000	175 000
Sub-total	(140 000)	(35 200)	(175 200)
United States Government Contracts			
Organized Research:			
Estimated New Projects and Renewals	3 500	1 000	4 500
Total, Trust Funds	$143 500	$36 200	$179 700

Explanations of symbols in titles:
C = College; S = Station; E = Extension

Administration

Salaries and Wages		
1. H. P. Rusk, Dean of College of Agriculture	C-BY34	$ 4 700
Director of Agricultural Experiment Station	S-BY34	4 700
Director of Extension Service in Agriculture and Home Economics		.....
Professor, Cattle Husbandry	C-AY	.....
(See Smith-Lever Fund)	E-BY32	(4 600)
(Total Salary)		(14 000)
2. J. C. Blair, Dean and Professor, Horticulture, *Emeritus* (From Retiring Allowances)		(3 662)
3. R. R. Hudelson, Associate Dean	C-BY	10 000
Professor, Agricultural Economics	C-AY	
4. F. H. Rankin, Assistant Dean, *Emeritus* (From Retiring Allowances)		(2 476)
5. J. C. Spitler, Associate Director of Extension Service in Agriculture and Home Economics and Professor, Agricultural Extension, *Emeritus*		.....[2]
6. ————, Associate Director of Extension Service in Agriculture and Home Economics; State Leader of Farm Advisers; Professor, Agricultural Extension	C-AY15	1 500
(See Smith-Lever Fund)	E-BY85	(8 500)
(Total Salary)		(10 000)
7. W. E. Carroll, Associate Director of Agricultural Experiment Station	S-BY	10 000
Professor, Animal Science	C-AY	
8. H. W. Bean, Assistant to the Dean	C-BY25	1 500
Assistant to the Director	S-BY75	4 750
Assistant Professor, Animal Science		.....
(Total Salary)		(6 250)

[1] Agricultural Income realized over estimate and reserved for the use of the College of Agriculture may be assigned, upon recommendation of the Dean of the College of Agriculture, to the department earning such income in a total amount not exceeding $10,000 in any one fiscal year or $1,000 for any one item.

[2] Retiring allowance payable by Retirement System.

9. G. C. Decker, Entomologist	S-AY25	1 500
Professor, Entomology	C-A	.....
(From State Natural History Survey)	DY75	(4 500)
(Total Salary)		(6 000)
10. Hadley Read, Extension Editor and Assistant Professor, Agricultural Extension	C-B25 S-BY11	1 200 550
(See Smith-Lever Fund)	E-BY64	(4 000)
(Total Salary)		(5 750)
11. Anna C. Glover, Editor of Publications, with rank of Associate Professor (S,E)	S-A67	3 700
(See Hatch Fund)	S-A33	(1 800)
(Total Salary)		(5 500)
12. A. W. Janes, Assistant Editor of Publications, with rank of Instructor	S-DY67	3 200
(See Hatch Fund)	S-DY33	(1 600)
(Total Salary)		(4 800)
13. Berenice A. Zander, Assistant Editor of Publications, with rank of Instructor	S-DY	3 750
14. Margaret P. McGlothlin, Assistant Editor of Publications, with rank of Instructor	S-DY50	2 000
15. C. D. Smith, Administrative Assistant, with rank of Assistant Professor	C-BY	5 300
16. Nonacademic Salaries	C-H	7 644
	S-H	19 074
Total, Nonacademic Salaries		(26 718)
Total, Salaries, College		(31 844)
Total, Salaries, Station		(53 224)
Total, Salaries		(85 068)
Wages, College		1 000
Wages, Station		1 500
Total, Wages		(2 500)
Total, Salaries and Wages, College		(32 844)
Total, Salaries and Wages, Station		(54 724)
Total, Salaries and Wages		(87 568)
Expense and Equipment		
COLLEGE		
Expense		4 000
Equipment		1 000
Contingent		1 500
Total, College		(6 500)
STATION		
Expense		9 000
Equipment		1 000
Contingent		2 500
Total, Station		(12 500)
Total, Expense and Equipment		(19 000)
Total, Administration, College		$(39 344)
Total, Administration, Station		$(67 224)
Total, Administration		$106 568

Farm and Home Week

Expense and Equipment	
Expense	$ 3 000
Total, Farm and Home Week	$ 3 000

Agricultural Research Revolving Account (Entire budget from receipts)

Expense and Equipment	
Expense	$ 5 000
Total, Agricultural Research Revolving Account	$ 5 000

Vocational Agriculture

Salaries and Wages		
1. Melvin Henderson, Associate Professor	C-AY	$ 6 250
2. H. J. Rucker, Assistant Professor	C-BY	5 200
3. W. H. Witt, Assistant Professor	C-BY	5 200
4. Nonacademic Salaries	C-H	2 760
Total, Salaries		(19 410)
Wages		300
Total, Salaries and Wages		(19 710)
Expense and Equipment		
Expense		4 000
Total, Vocational Agriculture		$ 23 710

Dixon Springs Experiment Station

Salaries and Wages		
1. W. G. Kammlade, Chairman	S-AY6	$ 500
(See Animal Science)		
2. R. J. Webb, Associate Professor, Agricultural Extension and Agricultural Research; Superintendent	S-AY64	4 450
(See Bankhead-Jones Fund)	S-AY26	(1 800)
(See State Agricultural Extension)	E-AY10	(750)
(Total Salary)		(7 000)[1]
3. W. R. Boggess, Associate Professor, Forestry	S-AY33	1 930
(See Forestry)	S-AY67	(3 870)
(Total Salary)		(5 800)
4. J. M. Lewis, First Assistant, Agricultural Research; Assistant Superintendent	S-BY80	3 500
(See Bankhead-Jones Fund)	S-BY20	(900)
(Total Salary)		(4 400)[1]
5. G. E. McKibben, First Assistant, Agricultural Research and Agricultural Extension	S-BY75	3 375
(See State Agricultural Extension)	E-BY25	(1 125)
(Total Salary)		(4 500)[2]
6. ————, First Assistant, Agricultural Research	S-DY	4 500[1]
7. G. F. Cmarik, Assistant, Agricultural Research	S-DY	3 600
8. ————, Assistant, Agricultural Research and Agricultural Extension	S-DY25	900
(See State Agricultural Extension)	S-DY75	(2 700)
(Total Salary)		(3 600)
9. Nonacademic Salaries	S-H	35 727
Total, Salaries		(58 482)
Wages		5 000
Total, Salaries and Wages		(63 482)
Expense and Equipment		
Expense		50 000
Equipment		15 500
Total, Expense and Equipment		(65 500)
Total, Dixon Springs Experiment Station		$128 982

Agricultural Economics

Salaries and Wages		
1. H. C. M. Case, Professor and Head of Department	C-A50 S-AY50	$ 4 180 5 570
(Total Salary)		(9 750)
2. R. R. Hudelson, Professor		.....
(Salary under Administration)		
3. J. W. Lloyd, Professor, Fruit and Vegetable Marketing, *Emeritus*		.....[3]

[1] With perquisites, valued at $300 a year, furnished for the convenience of the employee.
[2] With perquisites, valued at $120 a year, furnished for the convenience of the employee.
[3] Retiring allowance payable by Retirement System.

4. C. L. Stewart, Professor	C-A75	5 330
	S-AY25	2 370
(Total Salary)		(7 700)
5. L. J. Norton, Professor	C-A60	4 660
	S-AY40	4 040
(See Agronomy)		.....
(Total Salary)		(8 700)[1]
6. R. C. Ashby, Professor, Livestock Marketing, *Emeritus*		.....[2]
7. M. L. Mosher, Professor, Farm Management		
(See Bankhead-Jones Fund)	S-A50	(3 750)
(See Smith-Lever Fund)	E-A50	(3 750)
(Total Salary)		(7 500)
8. E. J. Working, Professor	C-A60	4 440
	S-A15	1 110
(See Purnell Fund)	S-A25	(1 850)
(Total Salary)		(7 400)
9. P. E. Johnston, Professor	C-A67	4 800
	S-A33	2 400
(Total Salary)		(7 200)[3]
10. G. L. Jordan, Professor	C-A35	2 450
	S-A65	4 550
(Total Salary)		(7 000)
11. R. C. Ross, Professor	C-A75	4 710
	S-AY25	2 090
(Total Salary)		(6 800)
12. R. W. Bartlett, Professor	C-A25	1 500
	S-AY75	5 700
(See Dairy Science)		.....
(Total Salary)		(7 200)
13. D. E. Lindstrom, Professor, Rural Sociology	C-A55	3 250
	S-AY45	3 550
(See Sociology)		.....
(Total Salary)		(6 800)[4]
14. J. B. Andrews, Professor, Farm Management		
(From Trust Farm Management Fund)	S-AY50	(3 625)
(See State Agricultural Extension)	E-AY50	(3 625)
(Total Salary)		(7 250)
15. H. W. Hannah, Professor, Agricultural Law	C-20	1 240
	S-A80	4 960
(Total Salary)		(6 200)
16. R. H. Wilcox, Associate Professor, Farm Management	S-AY48	3 100
(See Purnell Fund)	S-AY52	(3 300)
(Total Salary)		(6 400)
17. J. B. Cunningham, Associate Professor, Farm Management		
(See Smith-Lever Fund)	E-AY	(6 400)
18. J. E. Wills, Associate Professor, Farm Management	C-A30	1 650
	S-AY38	2 700
(See State Agricultural Extension)	E-AY32	(2 250)
(Total Salary)		(6 600)
19. E. H. Regnier, Associate Professor, Rural Sociology	C-A25	1 300
(See Smith-Lever Fund)	E-AY75	(5 000)
(Total Salary)		(6 300)[5]
20. L. F. Stice, Associate Professor, Marketing		
(See Smith-Lever Fund)	E-AY32	(2 000)
(See State Agricultural Extension)	E-AY40	(2 500)
(See Research and Marketing Extension Fund)	E-AY28	(1 750)
(Total Salary)		(6 250)
21. L. H. Simerl, Associate Professor		
(See Bankhead-Flannagan Fund)	E-AY	(6 250)

[1] On leave of absence with pay from September 1, 1949, to January 31, 1950.
[2] Retiring allowance payable by Retirement System.
[3] On leave of absence with pay from February 1 to July 31, 1950.
[4] On leave of absence with pay from August 15, 1949, to January 15, 1950.
[5] On leave of absence with one-half pay from July 1, 1950, to June 30, 1951.

22.	A. T. Anderson, Assistant Professor		
	(See State Agricultural Extension)	E-BY	(5 900)
23.	R. J. Mutti, Assistant Professor, Agricultural Marketing	C-B50	2 360
		S-BY30	1 840
	(See Purnell Fund)	S-BY20	(1 200)
	(Total Salary)		(5 400)
24.	R. A. Kelly, Assistant Professor, Fruit and Vegetable Marketing	C-B27	1 300
	(See Regional Research Fund)	S-BY23	(1 500)
	(Total Salary)		(2 800)
	(Also paid $2500 by United States Department of Agriculture)		
25.	G. B. Whitman, Assistant Professor, Farm Management		
	(See State Agricultural Extension)	E-BY	(5 500)
26.	F. J. Reiss, Assistant Professor, Farm Management	S-BY42	2 220[1]
	(Also paid $3,000 by United States Department of Agriculture)		
27.	F. A. Stewart, Assistant Professor, Farm Management		
	(From TVA Farm Account Studies)	S-BY	(5 000)
28.	W. D. Buddemeier, Assistant Professor, Farm Management	C-B	4 400
29.	W. J. Wills, Assistant Professor, Livestock Marketing	C-B25	950
		S-BY55	2 800
	(See Research and Marketing Fund)	S-BY20	(1 000)
	(Total Salary)		(4 750)
30.	A. B. Paul, Assistant Professor, Food Industry		.....
	(Salary under Food Technology)		
31.	W. N. Thompson, Assistant Professor, Farm Management	C-B50	2 040
		S-BY50	2 710
	(Total Salary)		(4 750)
32.	T. A. Hieronymus, Assistant Professor, Farm Management	C-B50	2 140
		S-BY50	2 860
	(Total Salary)		(5 000)
33.	M. W. Madison, First Assistant, Farm Management	S-DY70	3 600
	(See Bankhead-Jones Fund)	S-DY30	(1 600)
	(Total Salary)		(5 200)
34.	E. E. Broadbent, First Assistant and Instructor, Agricultural Marketing		
	(See Research and Marketing Fund)	S-DY30	(1 500)
	(See State Agricultural Extension)	E-DY35	(1 750)
	(See Research and Marketing Extension Fund)	E-DY35	(1 750)
	(Total Salary)		(5 000)
35.	C. L. Folse, Lecturer in Sociology	C-D25	960
	First Assistant, Rural Sociology	S-DY75	3 840
	(Total Salary)		(4 800)
36.	A. C. Ruwe, First Assistant, Farm Management	S-DY40	1 700
	(See Purnell Fund)	S-DY60	(2 500)
	(Total Salary)		(4 200)
37.	N. G. P. Krausz, First Assistant, Agricultural Law	S-DY50	2 400
	(See Institute of Government and Public Affairs)	DY50	(2 400)
	(Total Salary)		(4 800)
38.	————————, First Assistant, Fruit and Vegetable Marketing		
	(See Regional Research Fund)	S-DY	(4 000)
39.	J. K. Van Slyke, Instructor, Rural Sociology		
	(See Bankhead-Flannagan Fund)	E-DY	(4 000)
40.	A. G. Mueller, Assistant, Farm Management	S-DY	4 000
41.	W. N. Stevenson, Assistant, Farm Management		
	(From Trust Farm Management Fund)	S-DY75	(3 700)

[1] On leave of absence without pay for 58 per cent time.

42. ————————, Assistant		
(See Purnell Fund)	S-DY75	(2 400)
43. 2.25 Part-time Assistants	C-E	5 980
1.50 Part-time Assistants	S-DY	5 170
Total, Part-time Assistants		(11 150)
44. Nonacademic Salaries	C-H	1 500
	S-H	12 612
Total, Nonacademic Salaries		(14 112)
Total, Salaries, College		(61 140)
Total, Salaries, Station		(87 872)
Total, Salaries		(149 012)
Wages, Station		1 210
Total, Salaries and Wages, College		(61 140)
Total, Salaries and Wages, Station		(89 082)
Total, Salaries and Wages		(150 222)
Expense and Equipment		
COLLEGE		
Expense		1 250
STATION		
Expense		9 000
Equipment		1 000
Total, Station		(10 000)
Total, Expense and Equipment		(11 250)
Total, Agricultural Economics, College		$ 62 390
Total, Agricultural Economics, Station		$ 99 082
Total, Agricultural Economics		$161 472

Farm Account Revolving Account (Entire budget from receipts)

Salaries and Wages		
1. Nonacademic Salaries	H	$ 5 571
Wages		6 929
Total, Salaries and Wages		(12 500)
Expense and Equipment		
Expense		2 500
Total, Farm Account Revolving Account		$ 15 000

Agricultural Engineering

Salaries and Wages		
1. E. W. Lehmann, Professor and Head of Department	C-A50	$ 3 860
	S-AY50	5 140
(Total Salary)		(9 000)
2. R. I. Shawl, Professor, Farm Machinery	C-A	6 400
3. D. G. Carter, Professor, Farm Structures	C-A40	2 920
	C-AY60	5 830
(Total Salary)		(8 750)
4. A. L. Young, Associate Professor, Farm Power	C-A	5 500
5. R. C. Hay, Associate Professor, Soil Conservation; Executive Secretary, State Soil Conservation Districts Board	C-A25	1 350
	S-AY75	5 150
(Total Salary)		(6 500)
6. K. H. Hinchcliff, Associate Professor, Farm Structures		
(See Smith-Lever Fund)	E-AY75	(5 065)
(See Bankhead-Jones Fund)	S-AY25	(1 685)
(Total Salary)		(6 750)
7. F. W. Andrew, Assistant Professor		
(See State Agricultural Extension)	E-BY	(5 000)
8. J. G. Andros, Assistant Professor, Farm Structures		
(See Bankhead-Flannagan Fund)	E-BY	(4 600)
9. ————————, Assistant Professor, Food Technology		.....
(Salary under Food Technology)		
10. H. P. Bateman, Associate		
(See Bankhead-Jones Fund)	S-DY	(4 000)

11. J. H. Ramser, Associate	C-D25	900
	S-DY75	3 400
(Total Salary)		(4 300)
12. J. A. Weber, First Assistant	S-DY48	2 050
(See Bankhead-Jones Fund)	S-DY52	(2 250)
(Total Salary)		(4 300)
13. B. F. Muirheid, Instructor		
(See State Agricultural Extension)	E-DY49	(2 250)
(See Smith-Lever Fund)	E-DY51	(2 350)
(Total Salary)		(4 600)
14. W. F. Lytle, Instructor and First Assistant	C-D25	800
	S-DY75	3 200
(Total Salary)		(4 000)
15. J. O. Curtis, Instructor and First Assistant	C-D50	1 710
	S-DY50	2 290
(Total Salary)		(4 000)
16. ————, Instructor and First Assistant, Farm Machinery	C-D25	960
	S-DY75	3 840
(Total Salary)		(4 800)
17. A. R. Ayers, Assistant		
(See State Agricultural Extension)	E-DY	(4 200)
18. R. W. Mowery, Assistant	C-D50	1 630
	S-DY50	2 170
(Total Salary)		(3 800)
19. M. F. Forth, Assistant	S-DY50	1 900
(From Trust Public Service Company of Northern Illinois)	S-DY50	(1 900)
(Total Salary)		(3 800)
20. R. C. Cohlmeyer, Assistant		
(See Research and Marketing Fund)	S-DY50	(1 900)
(See Regional Research Fund)	S-DY50	(1 900)
(Total Salary)		(3 800)
21. 5.0 Part-time Assistants	S-DY	1 500
22. Nonacademic Salaries	C-H	7 086
	S-H	14 976
Total, Nonacademic Salaries		(22 062)
Total, Salaries, College		(33 116)
Total, Salaries, Station		(51 446)
Total, Salaries		(84 562)
Wages, College		1 000
Wages, Station		1 000
Total, Wages		(2 000)
Total, Salaries and Wages, College		(34 116)
Total, Salaries and Wages, Station		(52 446)
Total, Salaries and Wages		(86 562)
Expense and Equipment		
COLLEGE		
Expense		2 500
Equipment		1 000
Total, College		(3 500)
STATION		
Expense		2 500
Equipment		1 000
Total, Station		(3 500)
Total, Expense and Equipment		(7 000)
Total, Agricultural Engineering, College		$ 37 616
Total, Agricultural Engineering, Station		$ 55 946
Total, Agricultural Engineering		$ 93 562

Cooperative Investigations

Salaries and Wages

ALUMINUM COMPANY OF AMERICA — FARM STRUCTURES

1. R. W. Whitaker, Special Research Assistant	S-DY	$ 4 500

PUBLIC SERVICE COMPANY OF NORTHERN ILLINOIS — APPLICATION OF ELECTRICITY TO FIELD OPERATIONS

2. F. M. Crawford, Assistant Professor, Rural Electrification Research	S-DY	$	5 000

Agronomy

Salaries and Wages

1. W. L. Burlison, Professor, Crop Production, and Head of Department	C-A50	$	4 180
	S-AY50		5 570
(Total Salary)			(9 750)
2. C. F. Hottes, Consulting Plant Physiologist, *Emeritus*			(453)
(See Botany)			(2 254)
(Total from Retiring Allowances)			(2 707)
3. F. C. Bauer, Professor, Soil Fertility	C-A20		1 460
	S-AY80		7 540
(Total Salary)			(9 000)
4. J. C. Hackleman, Professor, Crops Extension (See Smith-Lever Fund)	E-AY		(7 800)
5. E. E. De Turk, Professor, Soil Fertility	C-A50		3 210
	S-AY50		4 290
(Total Salary)			(7 500)[1]
6. R. S. Smith, Professor, Soil Physics, *Emeritus*			.....[2]
7. C. M. Woodworth, Professor, Plant Genetics	C-A40		2 830
	S-AY60		5 470
(Total Salary)			(8 300)[3]
8. G. H. Dungan, Professor, Crop Production	C-A60		4 240
	S-AY40		3 260
(Total Salary)			(7 500)
9. L. J. Norton, Professor, Agricultural Marketing (Salary under Agricultural Economics)			.....
10. Benjamin Koehler, Professor, Crop Pathology	C-A20		1 180
	S-AY80		6 120
(Total Salary)			(7 300)
11. O. H. Sears, Professor, Soil Biology	C-A50		3 000
	S-AY50		3 800
(Total Salary)			(6 800)
12. D. C. Wimer, Professor, Soil Physics	C-A		6 400
13. R. H. Bray, Professor, Soil Fertility	C-A20		1 180
	S-AY80		6 120
(Total Salary)			(7 300)
14. O. T. Bonnett, Professor, Plant Genetics	C-A33		2 050
	S-AY67		5 250
(Total Salary)			(7 300)
15. J. E. Gieseking, Professor, Soil Physics	C-A20		1 180
	S-AY80		6 020
(Total Salary)			(7 200)
16. R. W. Jugenheimer, Professor, Plant Genetics	C-A33		2 050
	S-AY67		5 150
(Total Salary)			(7 200)
17. A. L. Lang, Professor, Soil Fertility	S-AY		7 200
18. ————, Professor, Soil Fertility	C-A		6 000
19. C. M. Linsley, Professor, Soils (See Smith-Lever Fund)	E-AY		(8 000)
20. R. F. Fuelleman, Professor, Crop Production	C-A33		2 050
	S-AY67		5 250
(Total Salary)			(7 300)
21. E. D. Walker, Extension Soil Conservationist and Associate Professor (See Smith-Lever Fund)	E-AY		(6 000)

[1] On disability leave of absence with pay from November 1, 1949, to March 3, 1950, and without pay from April 1, 1950, until further notice.
[2] Retiring allowance payable by Retirement System.
[3] On leave of absence with pay from October 1, 1949, to March 31, 1950.

22. L. T. Kurtz, Associate Professor, Soil Fertility	C-A20	950
	S-AY80	4 850
(Total Salary)		(5 800)
23. S. W. Melsted, Associate Professor, Soil Analysis	S-AY	5 800
24. R. T. Odell, Associate Professor, Soil Physics	C-A25	1 500
	S-AY75	5 800
(Total Salary)		(7 300)
25. E. B. Earley, Associate Professor, Soil Fertility	C-A25	1 250
	S-AY75	4 750
(Total Salary)		(6 000)
26. R. S. Stauffer, Associate Professor, Soil Physics	C-A40	2 000
	S-AY60	3 800
(Total Salary)		(5 800)
27. W. M. Bever, Associate Professor, Crop Pathology (Also paid $5,495 by United States Department of Agriculture)	C-A20	1 005
28. H. J. Snider, Assistant Professor, Soil Fertility	S-BY	5 000
29. E. P. Whiteside, Assistant Professor, Soil Physics	C-B20	950
	S-BY35	2 150
(See Bankhead-Jones Fund)	S-BY45	(2 700)
(Total Salary)		(5 800)
30. H. L. Wascher, Assistant Professor, Soil Physics	S-BY	5 500
31. L. B. Miller, Assistant Professor, Soil Fertility	S-BY	5 000
32. C. H. Farnham, Assistant Professor, Crop Production	S-BY	5 300
33. A. U. Thor, Assistant Professor (See State Agricultural Extension)	E-BY	(5 200)
34. R. O. Weibel, Assistant Professor, Crop Production and Plant Genetics (See Bankhead-Jones Fund)	S-BY	(5 500)
35. W. F. Purnell, Assistant Extension Soil Conservationist and Assistant Professor		
(See State Agricultural Extension)	E-BY53	(2 750)
(From State Soil Conservation Districts Board)	S-BY47	(2 450)
(Total Salary)		(5 200)
36. Alfred Tate, Assistant Extension Soil Conservationist and Assistant Professor		
(See State Agricultural Extension)	E-BY35	(1 750)
(From Soil Conservation Service)	S-BY65	(3 250)
(Total Salary)		(5 000)
37. W. O. Scott, Assistant Professor, Crops (See Bankhead-Flannagan Fund)	E-BY	(5 000)
38. J. B. Fehrenbacher, Assistant Professor, Soil Physics (See Bankhead-Jones Fund)	S-BY	(5 000)
39. P. T. Veale, Assistant Professor, Soil Physics	S-BY	5 000
40. P. E. Johnson, Assistant Professor, Soil Fertility	S-BY	5 000
41. E. R. Leng, Assistant Professor, Plant Genetics	C-B25	1 080
	S-BY75	3 920
(Total Salary)		(5 000)
42. C. J. Badger, Associate, Soil Fertility	S-DY	4 500
43. W. E. Kennedy, Instructor, Crop Production	C-D	3 600
44. J. W. Gerdemann, Instructor and First Assistant, Crop Pathology	C-D20	760
	S-DY80	4 040
(Total Salary)		(4 800)
45. F. W. Slife, Instructor and First Assistant, Crop Production	C-D50	1 710
	S-DY50	2 290
(Total Salary)		(4 000)
46. J. C. Anderson, First Assistant Soil Fertility, *Emeritus*		.....[1]
47. J. D. Alexander, Assistant, Soil Physics	S-DY	3 800
48. M. M. Mortland, Assistant, Soil Physics	S-DY	3 800
49. D. A. Vinson, Assistant, Soil Fertility	S-DY	3 800
50. W. F. Spencer, Assistant Soil Physics	S-DY	3 600

[1] Retiring allowance payable by Retirement System.

51. B. W. Ray, Assistant, Soil Survey Research		
(See Bankhead-Jones Fund)	S-DY	(3 800)
52. R. W. Burnett, Assistant, Soil Fertility	S-DY	3 600
53. J. W. Pendleton, Assistant, Crop Production	S-DY58	2 190
(See Hatch Fund)	S-DY42	(1 560)
(Total Salary)		(3 750)
54. R. H. Rust, Assistant, Soil Physics		
(See Research and Marketing Fund)	S-DY	(3 600)
55. D. L. Lynch, Assistant, Soil Biology	C-D25	720
	S-DY28	1 080
(See Hatch Fund)	S-DY47	(1 800)
(Total Salary)		(3 600)
56. J. H. Griffin, Assistant, Soil Physics	S-DY	3 600
57. J. C. Lyons, Assistant, Soil Fertility	S-DY	3 400
58. .50 Part-time Assistants	C-E	1 600
1.00 Part-time Assistants	S-DY	3 400
Total, Part-time Assistants		(5 000)
59. Nonacademic Salaries	C-H	6 150
	S-H	60 945
Total, Nonacademic Salaries		(67 095)
Total, Salaries, College		(64 285)
Total, Salaries, Station		(236 955)
Total, Salaries		(301 240)
Wages, College		2 000
Wages, Station		10 000
Total, Wages		(12 000)
Total, Salaries and Wages, College		(66 285)
Total, Salaries and Wages, Station		(246 955)
Total, Salaries and Wages		(313 240)
Expense and Equipment		
COLLEGE		
Expense		3 200
Equipment		800
Total, College		(4 000)
STATION		
Expense		60 000
Equipment		5 000
Total, Station		(65 000)
Total, Expense and Equipment		(69 000)
Total, Agronomy, College		$ 70 285
Total, Agronomy, Station		$311 955
Total, Agronomy		$382 240

Cooperative Investigations

Salaries and Wages

ILLINOIS COAL STRIP-MINE AREAS

1. A. F. Grandt, Special Research First Assistant, Soil Experiment Fields	S-DY	$ 3 600

Corn Testing Revolving Account (Entire budget from receipts)

Expense and Equipment	
Expense	$ 600
Total, Corn Testing Revolving Account	$ 600

Soil Testing Revolving Account (Entire budget from receipts)

Salaries and Wages	
Wages	$ 500
Expense and Equipment	
Expense	1 300
Total, Soil Testing Revolving Account	$ 1 800

Animal Science

Salaries and Wages

1. L. E. Card, Professor and Head of Department	C-A50	$ 4 070
	S-AY50	5 430
(Total Salary)		(9 500)
2. H. P. Rusk, Professor, Cattle Husbandry		.....
(Salary under Administration)		
3. H. S. Grindley, Professor, Animal Nutrition, *Emeritus*		
(From Retiring Allowances)		(2 000)
4. J. L. Edmonds, Professor, Horse Husbandry	C-A75	5 190
	S-AY25	2 310
(Total Salary)		(7 500)
5. W. E. Carroll, Professor		.....
(Salary under Administration)		
6. H. H. Mitchell, Professor, Animal Nutrition	C-AY25	2 500
	S-AY60	6 000
(See Adams Fund)	S-AY15	(1 500)
(Total Salary)		(10 000)
7. Elmer Roberts, Professor, Animal Genetics	C-A40	2 660
	S-AY37	3 140
(See Adams Fund)	S-AY23	(2 000)
(Total Salary)		(7 700)
8. Sleeter Bull, Professor, Meats	C-A50	3 220
	S-AY28	2 280
(See Purnell Fund)	S-AY22	(1 800)
(Total Salary)		(7 300)
9. W. G. Kammlade, Professor	C-AY25	2 190
	S-AY69	6 060
(See Dixon Springs)	S-AY6	(500)
(Total Salary)		(8 750)
10. R. R. Snapp, Professor	C-A50	3 320
	S-AY50	4 430
(Total Salary)		(7 750)
11. T. S. Hamilton, Professor, Animal Nutrition	C-AY40	3 600
	S-AY48	4 320
(See Adams Fund)	S-AY12	(1 080)
(Total Salary)		(9 000)
12. E. T. Robbins, Professor, Animal Husbandry, *Emeritus*		.....[1]
13. J. L. Krider, Professor	C-A50	3 430
	S-AY50	4 370
(Total Salary)		(7 800)
14. H. G. Russell, Professor		
(See Smith-Lever Fund)	E-AY	(7 200)
15. H. M. Scott, Professor	C-A50	3 430
	S-AY50	4 370
(Total Salary)		(7 800)
16. B. C. Johnson, Associate Professor, Animal Nutrition	C-AY20	1 250
	S-AY80	5 000
(Total Salary)		(6 250)
17. A. V. Nalbandov, Associate Professor, Animal Physiology	C-AY20	1 250
	S-AY80	5 000
(Total Salary)		(6 250)
18. C. W. Crawford, Assistant Professor, Horse Husbandry	C-BY50	2 600
	S-BY50	2 600
(Total Salary)		(5 200)
19. H. W. Bean, Assistant Professor		.....
(Salary under Administration)		
20. F. C. Francis, Assistant Professor	C-B50	2 150
	S-BY50	2 850
(Total Salary)		(5 000)
21. S. F. Ridlen, Assistant Professor, Poultry Extension		
(See Smith-Lever Fund)	E-BY	(5 400)

[1] Retiring allowance payable by Retirement System.

22. Marian F. James, Assistant Professor	S-BY		4 750
23. R. F. Nystrom, Assistant Professor, Animal Nutrition and Chemistry			.....
(Salary under Special Graduate Fund)			
24. S. W. Terrill, Assistant Professor	C-B30		1 220
	S-BY70		3 780
(Total Salary)			(5 000)
25. U. S. Garrigus, Assistant Professor	C-B50		2 060
	S-BY50		2 740
(Total Salary)			(4 800)
26. ————, Assistant Professor, Animal Nutrition	C-B20		760
	S-BY20		1 040
(See Bankhead-Jones Fund)	S-BY60		(3 000)
(Total Salary)			(4 800)
27. M. Helen Keith, First Assistant, Animal Nutrition, *Emerita* (From Retiring Allowances)			(879)
28. G. R. Carlisle, Instructor			
(See State Agricultural Extension)	E-DY58		(2 900)
(See Smith-Lever Fund)	E-DY42		(2 100)
(Total Salary)			(5 000)
29. Y. H. Loo, First Research Assistant, Animal Nutrition and Chemistry			.....
(Salary under Special Graduate Fund)			
30. Jessie R. Beadles, Assistant, Animal Nutrition	S-DY59		2 060
(See Adams Fund)	S-DY41		(1 440)
(Total Salary)			(3 500)
31. Marjorie Edman, Research Assistant, in charge of Literature Survey	S-DY		4 100
32. W. T. Haines, Assistant, Animal Nutrition	S-DY56		2 500
(See Bankhead-Jones Fund)	S-DY44		(2 000)
(Total Salary)			(4 500)
33. Mrs. Barbara C. Hamilton, Assistant, Animal Nutrition (See Research and Marketing Fund)	S-DY		(3 200)
34. W. E. Shaklee, Assistant (See Bankhead-Jones Fund)	S-DY		(3 400)
35. Mrs. Lucile Dekker-van Ghyl, Assistant, Animal Nutrition	S-DY		3 200
36. Mrs. Ann S. Dana, Assistant, Animal Nutrition	S-DY		3 200
37. ————, Assistant, Animal Nutrition (See Research and Marketing Fund)	S-DY		(2 700)
38. 2.50 Part-time Assistants	C-E		6 710
4.00 Part-time Assistants	S-DY		10 990
Total, Part-time Assistants			(17 700)
39. Nonacademic Salaries	C-H		38 010
	S-H		78 630
Total, Nonacademic Salaries			(116 640)
Total, Salaries, College			(89 620)
Total, Salaries, Station			(175 150)
Total, Salaries			(264 770)
Wages, College			2 000
Wages, Station			3 000
Total, Wages			(5 000)
Total, Salaries and Wages, College			(91 620)
Total, Salaries and Wages, Station			(178 150)
Total, Salaries and Wages			(269 770)
Expense and Equipment			
COLLEGE			
Expense			45 000
Equipment			4 000
Contingent			500
Total, College			(49 500)

STATION		
Expense		91 000
Equipment		6 000
Contingent		1 500
Total, Station		(98 500)
Total, Expense and Equipment		(148 000)
Total, Animal Science, College		$141 120
Total, Animal Science, Station		$276 650
Total, Animal Science		$417 770

Dairy Science

Salaries and Wages		
1. G. W. Salisbury, Professor and Head of Department	C-A50	$ 4 180
	S-AY50	5 570
(Total Salary)		(9 750)
2. H. A. Ruehe, Professor	C-A50	3 430
	S-AY50	4 570
(Total Salary)		(8 000)
3. W. L. Gaines, Professor, *Emeritus*		.....[1]
4. M. J. Prucha, Professor, *Emeritus*		.....[1]
5. W. W. Yapp, Professor, Dairy Cattle Breeding	C-A50	3 430
	S-AY50	4 370
(Total Salary)		(7 800)
6. C. S. Rhode, Professor		
(See Smith-Lever Fund)	E-AY	(7 800)
7. W. B. Nevens, Professor, Dairy Cattle Feeding	C-A25	1 640
	S-AY60	5 160
(See Hatch Fund)	S-AY15	(1 200)
(Total Salary)		(8 000)[2]
8. O. R. Overman, Professor, Dairy Chemistry	C-A25	1 400
	S-AY75	5 500
(Total Salary)		(6 900)[3]
9. ————, Professor Dairy Bacteriology	C-B80	5 830
(See Hatch Fund)	S-BY20	(1 920)
(Total Salary)		(7 750)
10. R. W. Bartlett, Professor, Agricultural Marketing		.....
(Salary under Agricultural Economics)		
11. ————, Professor, Dairy Cattle Physiology	S-BY70	4 900
(See Hatch Fund)	S-BY30	(2 100)
(Total Salary)		(7 000)
12. J. G. Cash, Associate Professor	E-AY	(6 500)
13. K. E. Gardner, Associate Professor, Dairy Production	C-A50	2 570
	S-AY50	3 330
(Total Salary)		(5 900)
14. A. F. Kuhlman, Assistant Professor, Dairy Production	C-B50	2 040
	S-BY50	2 710
(Total Salary)		(4 750)
15. W. O. Nelson, Assistant Professor, Dairy Bacteriology	C-B67	3 170
	S-BY33	2 080
(Total Salary)		(5 250)
16. K. E. Harshbarger, Assistant Professor, Dairy Production	C-B75	3 635
	S-BY25	1 615
(Total Salary)		(5 250)
17. E. E. Ormiston, Assistant Professor, Dairy Production	C-B75	3 635
	S-BY25	1 615
(Total Salary)		(5 250)
18. M. H. Alexander, Assistant Professor, Dairy Production	C-B50	2 100
	S-BY50	2 800
(Total Salary)		(4 900)

[1] Retiring allowance payable by Retirement System.
[2] On leave of absence with pay from August 1, 1949, to February 1, 1950.
[3] On leave of absence with pay from April 1 to September 30, 1950.

19. K. A. Kendall, Assistant Professor, Dairy Production	C-B40	1 670
	S-BY60	3 330
(Total Salary)		(5 000)
20. R. J. Keirs, Assistant Professor, Dairy Chemistry	C-B25	1 100
	S-BY75	4 200
(Total Salary)		(5 300)
21. N. L. VanDemark, Assistant Professor, Dairy Cattle Physiology	C-B25	1 100
	S-BY75	4 400
(Total Salary)		(5 500)
22. R. W. Touchberry, Assistant Professor, Dairy Cattle Genetics	C-B50	2 140
	S-BY50	2 860
(Total Salary)		(5 000)
23. S. G. Menefee, Associate, Dairy Chemistry		.....[1]
24. L. R. Fryman, Instructor		
(See State Agricultural Extension)	E-DY	(4 200)
25. 3.50 Part-time Assistants	C-E	8 400
3.00 Part-time Assistants	S-DY	9 000
Total, Part-time Assistants		(17 400)
26. Nonacademic Salaries	C-H	67 973
	S-H	32 107
Total, Nonacademic Salaries		(100 080)
Total, Salaries, College		(119 443)
Total, Salaries, Station		(100 117)
Total, Salaries		(219 560)
Wages, College		2 000
Wages, Station		3 000
Total, Wages		(5 000)
Total, Salaries and Wages, College		(121 443)
Total, Salaries and Wages, Station		(103 117)
Total, Salaries and Wages		(224 560)
Expense and Equipment		
COLLEGE		
Expense		42 550
Equipment		5 450
Contingent		2 000
Total, College		(50 000)
STATION		
Expense		38 500
Equipment		8 000
Contingent		2 000
Total, Station		(48 500)
Total, Expense and Equipment		(98 500)
Total, Dairy Science, College		$171 443
Total, Dairy Science, Station		$151 617
Total, Dairy Science		$323 060

Official Test Revolving Account (Entire budget from receipts)

Salaries and Wages		
1. Nonacademic Salaries	H	$ 19 812
Wages		520
Total, Salaries and Wages		(20 332)
Expense and Equipment		
Expense		4 700
Equipment		600
Total, Expense and Equipment		(5 300)
Total, Dairy Official Test Revolving Account		$ 25 632

Cooperative Investigations

Salaries and Wages		
ILLINOIS DAIRY PRODUCTS INC. — SANITATION		
1. P. P. Somers, Assistant Professor, Dairying Research	S-DY	$ 4 500

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

Food Technology

Salaries and Wages			
1. L. B. Howard, Professor and Head of Department	C-AY50	$	5 500
	S-AY50		5 500
(Total Salary)			(11 000)
2. P. H. Tracy, Professor, Dairy Technology	C-AY29		2 250
	S-AY41		3 500
(See Dairy Creamery)	C-AY30		(2 500)
(Total Salary)			(8 250)
3. E. O. Herreid, Professor, Dairy Technology	C-A50		3 000
	S-AY50		4 000
(Total Salary)			(7 000)
4. A. I. Nelson, Associate Professor, Food Processing	C-BY50		3 375
	S-BY50		3 375
(Total Salary)			(6 750)
5. Z. J. Ordal, Associate Professor, Food Microbiology	C-BY50		3 375
	S-BY50		3 375
(Total Salary)			(6 750)
6. ————, Associate Professor, Food Engineering	C-AY50		3 375
	S-AY50		3 375
(Total Salary)			(6 750)
7. S. L. Tuckey, Associate Professor, Dairy Technology	C-A25		1 300
	S-AY75		4 900
(Total Salary)			(6 200)
8. R. M. Whitney, Associate Professor, Dairy Technology (See Research and Marketing Fund)	S-AY		(6 000)
9. A. B. Paul, Assistant Professor, Food Industry	S-BY		5 200
(See Agricultural Economics)			
10. Harry Pyenson, Assistant Professor, Dairy Technology			.....
(Salary under University Extension)			
11. G. J. Edman, Assistant Professor, Dairy Technology			.....
(Salary under University Extension)			
12. ————, Assistant Professor	C-D50		2 060
	S-DY50		2 740
(Total Salary)			(4 800)
(See Agricultural Engineering)			
13. ————, Assistant Professor	C-D		4 000
(See Home Economics)			
14. ————, First Assistant	S-DY		4 000
(See Horticulture)			
15. Charlotte M. Meutsch, Assistant, Dairy Technology (See Bankhead-Jones Fund)	S-DY		(2 700)
16. Katherine E. Paulson, Assistant (See Research and Marketing Fund)	S-DY		(3 000)
17. Joseph Tobias, Instructor and First Assistant, Dairy Technology	C-D27		800
	S-DY40		1 600
(Total Salary)			(2 400)
18. ————, Instructor	C-D20		830
	S-DY30		1 470
(Total Salary)			(2 300)
19. 2,50 Part-time Assistants	S-DY		6 120
20. Nonacademic Salaries	S-H		5 160
Total, Salaries, College			(29 865)
Total, Salaries, Station			(54 315)
Total, Salaries			(84 180)
Expense and Equipment			
COLLEGE			
Expense			3 000
Equipment			7 000
Total, College			(10 000)

STATION		
Expense		5 000
Equipment		7 000
Total, Station		(12 000)
Total, Expense and Equipment		(22 000)
Total, Food Technology, College		$ 39 865
Total, Food Technology, Station		$ 66 315
Total, Food Technology		$106 180

Dairy Creamery (Entire budget from receipts)

Salaries and Wages		
1. P. H. Tracy (See Food Technology, Item 2)	AY30	$ 2 500
2. Nonacademic Salaries	H	15 870
Total, Salaries		(18 370)
Wages		3 510
Total, Salaries and Wages		(21 880)
Expense and Equipment		
Expense		60 000
Equipment		6 000
Contingent		3 000
Total, Expense and Equipment		(69 000)
Total, Dairy Creamery		$ 90 880

Forestry

Salaries and Wages		
1. J. N. Spaeth, Professor and Head of Department	C-A50 S-AY50	$ 3 860 5 140
(Total Salary)		(9 000)
2. R. W. Lorenz, Associate Professor		
(See Bankhead-Jones Fund)	S-AY	(6 400)
3. W. R. Boggess, Associate Professor	S-AY67	3 870
(See Dixon Springs)	S-AY33	(1 930)
(Total Salary)		(5 800)
4. L. B. Culver, Extension Forester and Assistant Professor		
(See Smith-Lever Fund)	E-BY70	(4 200)
(From State Natural History Survey)	DY30	(1 800)
(Total Salary)		(6 000)
5. C. S. Walters, Assistant Professor, Forest Utilization	C-DY S-BY	5 700
6. R. G. Rennels, Assistant Professor	C-B	4 500
7. W. F. Bulkley, Associate Extension Forester		
(See State Agricultural Extension)	E-DY63	(2 780)
(From Norris-Doxey Fund)	E-DY37	(1 620)[1]
(Total Salary)		(4 400)
8. J. C. Van Camp, Jr., Farm Forester		
(See State Agricultural Extension)	E-DY	(4 000)
9. B. F. Kent, Farm Forester		
(See State Agricultural Extension)	E-DY	(4 200)
10. H. W. Fox, First Assistant	S-DY63	2 500
(From Sinnissippi Forest Trust Fund)	S-DY37	(1 500)
(Total Salary)		(4 000)
11. D. A. Kulp, Assistant, Forest Utilization		
(See Bankhead-Jones Fund)	S-DY	(3 900)
12. ————————, Assistant Extension Forester		
(See State Agricultural Extension)	E-DY55	(2 020)
(From Clarke-McNary Fund)	E-DY45	(1 620)[2]
(Total Salary)		(3 640)

[1] Norris-Doxey funds for the fiscal year July 1, 1949, to June 30, 1950, will be paid through the Extension Service in Agriculture and Home Economics by the Untied States Department of Agriculture following monthly certification for salary signed by the Director of Extension.

[2] The Clarke-McNary funds for the fiscal year July 1, 1949, to June 30, 1950, will be paid through the Extension Service in Agriculture and Home Economics by the United States Department of Agriculture following monthly certification for salary signed by the Director of Extension.

13. ————————, Assistant		
(See Bankhead-Jones Fund)	S-DY	(3 300)
14. Nonacademic Salaries	C-H	4 440
Total, Salaries, College		(12 800)
Total, Salaries, Station		(17 210)
Total, Salaries		(30 010)
Wages, College		125
Wages, Station		1 200
Total, Wages		(1 325)
Total, Salaries and Wages, College		(12 925)
Total, Salaries and Wages, Station		(18 410)
Total, Salaries and Wages		(31 335)
Expense and Equipment		
COLLEGE		
Expense		2 650
Equipment		450
Total, College		(3 100)
STATION		
Expense		3 550
Equipment		1 500
Total, Station		(5 050)
Total, Expense and Equipment		(8 150)
Total, Forestry, College		$ 16 025
Total, Forestry, Station		$ 23 460
Total, Forestry		$ 39 485

Home Economics

Salaries and Wages		
1. ————————, Professor and Head of Department	C-AY	$ 8 500
2. J. Lita Bane, Professor		.....[1]
3. Mrs. Kathryn V. Burns, State Leader, Home Economics Extension, and Professor	C-A15	930
(See Smith-Lever Fund)	E-AY85	(6 320)
(Total Salary)		(7 250)
4. Janice M. Smith, Professor, Nutrition	C-A25	2 000
	S-AY75	5 800
(Total Salary)		(7 800)
5. Nellie L. Perkins, Professor	C-A	6 300
6. Fannie M. Brooks, Associate Professor, *Emerita*		.....[2]
7. Harriet T. Barto, Associate Professor, Dietetics	C-A	5 000
8. E. Evelyn Smith, Associate Professor, Institution Management	C-A	5 200[3]
9. Mrs. Pearl Z. Janssen, Associate Professor	C-A	5 500
10. Grace B. Armstrong, Associate Professor, Foods and Nutrition		
(See Smith-Lever Fund)	E-AY	(6 000)
11. Mary L. Chase, Assistant State Leader and Associate Professor		
(See Smith-Lever Fund)	E-AY	(6 000)
12. Edna E. Walls, Associate Professor, *Emerita*		.....[2]
13. Florence M. King, Associate Professor	C-A	5 000[4]
14. Doris J. Brockway, Associate Professor	C-A	5 000
15. Virginia H. Weaver, Assistant Professor		.....[1]
16. Frances O. Van Duyne, Associate Professor, Foods	C-A75	3 920
(See Purnell Fund)	S-AY25	(1 680)
(Total Salary)		(5 600)
17. ————————, Associate Professor, Child Development	C-A	5 000

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.
[2] Retiring allowance payable by Retirement System.
[3] With one meal a day while on duty, valued at $7 a month, furnished for the convenience of the employee.
[4] On leave of absence with one-half pay for second semester of 1949-1950.

18.	Anna Searl, Assistant State Leader and Assistant Professor		
	(See Smith-Lever Fund)	E-BY	(5 800)
19.	Edna R. Gray, Assistant Professor, Clothing		
	(See Smith-Lever Fund)	E-BY	(5 350)
20.	Gladys J. Ward, Assistant Professor, Home Management		
	(See Smith-Lever Fund)	E-BY	(5 000)
21.	Lulu S. Black, Assistant State Leader; Assistant Professor, in Charge of Extension Studies and Training		
	(See Bankhead-Flannagan Fund)	E-BY	(5 400)
22.	Ritta Whitesel, Assistant Professor	C-B	4 200
23.	Mrs. Ruth C. Freeman, Assistant Professor, Home Accounts		
	(See Purnell Fund)	S-BY33	(1 500)
	(See Smith-Lever Fund)	E-BY67	(3 000)
	(Total Salary)		(4 500)
24.	Dorothy J. Iwig, Assistant Professor, Home Furnishings		
	(See Smith-Lever Fund)	E-BY	(5 400)
25.	Mary A. McKee, Assistant Professor, Home Economics 4-H Club Work		
	(See Smith-Lever Fund)	E-BY	(4 800)
26.	Mrs. Mary S. Ligon, Assistant State Leader and Assistant Professor		
	(See Smith-Lever Fund)	E-BY	(4 800)
27.	Margaret R. Goodyear, Assistant Professor	C-B	4 200
28.	Florence A. Kimmelshue, Assistant Professor, Home Economics 4-H Club Work		
	(See Smith-Lever Fund)	E-BY	(4 800)
29.	Gertrude E. Kaiser, Home Adviser at Large and Assistant Professor		
	(See Smith-Lever Fund)	E-BY	(4 800)
30.	Clareta Walker, Assistant Professor, Rural Youth		
	(See Additional Cooperative Fund)	E-BY	(5 000)
31.	Beula McKey, Assistant Professor, Nutrition	S-BY80	3 600
	(See Purnell Fund)	S-BY20	(900)
	(Total Salary)		(4 500)
32.	Mary O. Goff, Assistant Professor	C-D	4 000[1]
33.	————, Assistant Professor	C-D75	3 600
	(See Purnell Fund)	S-BY25	(1 600)
	(Total Salary)		(5 200)
34.	————, Assistant Professor	C-D	4 000
35.	————, Assistant Professor, Food Technology (Salary under Food Technology)		.....
36.	Mrs. Glenna H. Lamkin, Associate	C-D	3 220
37.	Erma Cottingham, Associate, Home Economics 4-H Club Work		
	(See Smith-Lever Fund)	E-DY	(4 400)
38.	Fern Carl, Associate, Clothing		
	(See Smith-Lever Fund)	E-DY	(4 800)
39.	————, Associate, Home Economics 4-H Club Work		
	(See State Agricultural Extension)	E-DY	(4 400)
40.	Helen E. McCullough, Research Associate		
	(See Research and Marketing Fund)	S-DY	(4 200)
41.	Helen K. Zwolanek, Instructor	C-D	3 650
42.	Frances E. Cook, Instructor, Foods		
	(See Smith-Lever Fund)	E-DY	(4 250)
43.	————, Instructor, Home Furnishings		
	(See Smith-Lever Fund)	E-DY	(4 250)
44.	Mrs. Helen D. Turner, Home Adviser at Large and Instructor		
	(See Smith-Lever Fund)	E-DY	(4 200)

[1] With luncheon at Home Economics Cafeteria, valued at $7 a month, furnished for the convenience of the employee.

45. Catherine M. Sullivan, Instructor, Home Management		
(See Smith-Lever Fund)	E-DY53	(2 100)
(See State Agricultural Extension)	E-DY47	(1 900)
(Total Salary)		(4 000)
46. Mary Jane Rice, Instructor	C-D	3 200
47. ————————, First Assistant		
(See Research and Marketing Fund)	S-DY	(4 000)
48. Ruth A. Hodgson, Instructor	C-D	3 200
49. Lucile Hieser, Instructor, Home Economics 4-H Club Work		
(See Smith-Lever Fund)	E-BY	(4 300)
50. Margueritte Briggs, Instructor, Child Development and Parent Education		
(See State Agricultural Extension)	E-BY	(5 000)
51. Mrs. Royene Owen, Instructor and First Assistant	C-D25	1 300
(See Bankhead-Jones Fund)	S-DY75	(2 300)
(Total Salary)		(3 600)
52. Harriet Wright, First Assistant		
(See Purnell Fund)	S-DY	(3 400)
53. Dorothy F. Durrell, Instructor	C-D75	2 550
(See Student Counseling Bureau)	D25	(850)
(Total Salary)		(3 400)
54. Kathryn Marie Weesner, Instructor	C-D	3 200
55. ————————, Instructor	C-D	3 000
56. ————————, Instructor	C-D	3 200
57. ————————, Instructor, Foods and Nutrition		
(See Smith-Lever Fund)	E-BY	(4 000)
58. ————————, Instructor, Restaurant Management	C-D	3 600
59. ————————, Instructor	C-D	3 000
60. ————————, Instructor, Health Education	C-D29	760
(See State Agricultural Extension)	E-DY80	(3 040)
(Total Salary)		(3 800)
61. ————————, First Assistant		
(See Purnell Fund)	S-DY50	(1 800)
(See Bankhead-Jones Fund)	S-DY50	(1 800)
(Total Salary)		(3 600)
62. Virginia Charles, Assistant		
(See Bankhead-Jones Fund)	S-DY60	(2 080)
(See Purnell Fund)	S-DY40	(1 120)
(Total Salary)		(3 200)
63. Mrs. Jean Smith, Assistant		
(See Purnell Fund)	S-DY	(3 200)
64. ————————, Assistant	S-DY	3 200
65. 3.13 Part-time Assistants	C-E	7 500
66. Nonacademic Salaries	C-H	12 120
Total, Salaries, College		(125 850)
Total, Salaries, Station		(12 600)
Total, Salaries		(138 450)
Wages, College		1 800
Total, Salaries and Wages, College		(127 650)
Total, Salaries and Wages, Station		(12 600)
Total, Salaries and Wages		(140 250)
Expense and Equipment		
COLLEGE		
Expense		13 000
Equipment		1 000
Total, College		(14 000)
STATION		
Expense		2 500
Equipment		1 000
Total, Station		(3 500)
Total, Expense and Equipment		(17 500)
Total, Home Economics, College		$141 650
Total, Home Economics, Station		$ 16 100
Total, Home Economics		$157 750

Home Economics Cafeteria Revolving Account (Entire budget from receipts)

Salaries and Wages		
1. 1.75 Part-time Assistants	C-E	$ 3 000[1]
2. Nonacademic Salaries	C-H	922
Total, Salaries		(3 922)
Wages		478
Total, Salaries and Wages		(4 400)
Expense and Equipment		
Expense		10 600
Equipment		300
Total, Expense and Equipment		(10 900)
Total, Home Economics Cafeteria Revolving Account		$ 15 300

Horticulture

Salaries and Wages		
1. B. L. Wade, Professor and Head of Department	C-A50	$ 4 180
	S-AY50	5 570
(Total Salary)		(9 750)
2. M. J. Dorsey, Professor, *Emeritus*		.....[2]
3. H. B. Dorner, Professor, *Emeritus*		.....[2]
4. ————————, Professor, Plant Pathology	C-A70	4 960
	S-AY30	2 840
(Total Salary)		(7 800)
5. H. W. Anderson, Professor, Plant Pathology	C-A50	3 260
	S-AY50	4 340
(Total Salary)		(7 600)
6. W. A. Huelsen, Professor, Vegetable Crops	C-A33	1 940
	S-AY67	5 160
(Total Salary)		(7 100)
7. A. S. Colby, Professor, Pomology	C-A50	3 040
	S-AY50	4 060
(Total Salary)		(7 100)
8. S. W. Hall, Professor, Floriculture	C-A50	2 910
	S-AY50	3 890
(Total Salary)		(6 800)
9. H. W. Gilbert, Associate Professor		
(See State Agricultural Extension)	E-AY68	(4 400)
(See Smith-Lever Fund)	E-AY32	(2 100)
(Total Salary)		(6 500)
10. R. V. Lott, Associate Professor, Pomology	C-A33	1 720
	S-AY67	4 380
(Total Salary)		(6 100)
11. F. E. Weinard, Associate Professor, Floriculture	C-A50	2 660
	S-AY50	3 340
(Total Salary)		(6 000)
12. H. H. Thornberry, Associate Professor, Plant Pathology	C-A25	1 200
	S-AY75	4 600
(Total Salary)		(5 800)
13. J. P. McCollum, Associate Professor, Vegetable Crops	C-A50	2 490
	S-AY50	3 310
(Total Salary)		(5 800)
14. J. R. Kamp, Associate Professor, Floriculture	C-A70	3 690
	S-AY30	2 110
(Total Salary)		(5 800)
15. V. W. Kelley, Associate Professor, Pomology	C-A50	2 440
	S-AY50	3 260
(Total Salary)		(5 700)
16. Dwight Powell, Assistant Professor, Plant Pathology	C-B37	1 900
(See Bankhead-Jones Fund)	S-BY63	(4 000)
(Total Salary)		(5 900)
17. C. J. Birkeland, Assistant Professor, Plant Breeding	C-B50	2 570
	S-BY50	3 230
(Total Salary)		(5 800)

[1] With perquisites valued at $7 a month furnished for the convenience of the employee.
[2] Retiring allowance payable by Retirement System.

18. M. B. Linn, Assistant Professor, Plant Pathology	C-B25	1 200
	S-BY75	4 600
(Total Salary)		(5 800)
19. R. L. McMunn, Assistant Professor, Pomology	C-B70	3 560
	S-BY30	2 040
(Total Salary)		(5 600)
20. John Skok, Assistant Professor, Vegetable Crops	C-B50	2 360
	S-BY50	2 840
(Total Salary)		(5 200)
21. David Gottlieb, Assistant Professor, Plant Pathology	S-BY50	2 700
(See Special Graduate Fund)	S-BY50	(2 700)
(Total Salary)		(5 400)
22. T. H. Anstey, Assistant Professor, Pomology	C-D50	2 675
	S-DY50	
(See State Agricultural Extension)	E-DY50	(2 675)
(Total Salary)		(5 350)
23. B. L. Weaver, Assistant Professor, Vegetable Crops	C-B40	1 660
	S-BY60	3 340
(Total Salary)		(5 000)
24. L. A. Somers, Assistant Professor		
(See Smith-Lever Fund)	E-BY	(4 750)[1]
25. J. R. Culbert, Assistant Professor, Floriculture	C-B70	2 930
	S-BY30	1 670
(Total Salary)		(4 600)
26. James Hutchinson, Associate, *Emeritus* (From Retiring Allowances)		(1 420)
27. W. N. Brown, Associate, Vegetable Crops		
(See Bankhead-Jones Fund)	S-DY	(4 500)
28. C. Y. Arnold, Associate, Vegetable Crops	C-D50	1 930
	S-DY50	2 570
(Total Salary)		(4 500)
29. C. E. Chaplin, First Assistant, Pomology	S-DY	3 600[2]
30. ————————, First Assistant, Plant Breeding		
(See Adams Fund)	S-DY	(4 400)
31. C. E. Taylor, Instructor and First Assistant, Vegetable Crops	S-DY50	2 100[3]
(See State Agricultural Extension)	E-DY50	(2 100)
(Total Salary)		(4 200)
32. O. E. Schubert, Instructor and First Assistant, Pomology	S-DY50	2 100
(See State Agricultural Extension)	E-DY50	(2 100)
(Total Salary)		(4 200)
33. G. M. Fosler, Instructor and First Assistant, Floriculture	C-D50	1 720
	S-DY50	2 280
(Total Salary)		(4 000)
34. ————————, First Assistant, Food Technology		.....
(Salary under Food Technology)		
35. 1.75 Part-time Assistants	C-E	5 110
2.00 Part-time Assistants	S-DY	5 420
Total, Part-time Assistants		(10 530)
36. Nonacademic Salaries	C-H	28 962
	S-H	95 010
Total, Nonacademic Salaries		(123 972)
Total, Salaries, College		(88 392)
Total, Salaries, Station		(183 035)
Total, Salaries		(271 427)
Wages, College		1 200
Wages, Station		3 800
Total, Wages		(5 000)
Total, Salaries and Wages, College		(89 592)
Total, Salaries and Wages, Station		(186 835)
Total, Salaries and Wages		(276 427)

[1] On leave of absence with pay for six months beginning March 1, 1950.
[2] With house, light, and telephone, valued at $360 a year, furnished for the convenience of the employee.
[3] With house, light, and telephone, valued at $550 a year, furnished for the convenience of the employee.

Expense and Equipment		
COLLEGE		
Expense		9 600
Equipment		500
Contingent		400
Total, College		(10 500)
STATION		
Expense		25 000
Equipment		1 500
Contingent		1 000
Total, Station		(27 500)
Total, Expense and Equipment		(38 000)
Total, Horticulture, College		$100 092
Total, Horticulture, Station		$214 335
Total, Horticulture		$314 427

Veterinary Research

Salaries and Wages		
1. Robert Graham, Professor and Head of Department (See Veterinary Medicine, Administration)	S-AY25	$ 2 625
2. Jesse Sampson, Professor (See Veterinary Physiology and Pharmacology)	S-AY25	2 000
3. L. E. St. Clair, Professor (See Veterinary Anatomy and Histology)	S-AY25	1 875
4. C. C. Morrill, Professor (See Veterinary Pathology and Hygiene)	S-AY25	2 000
5. N. D. Levine, Associate Professor (See Veterinary Pathology and Hygiene)	S-AY25	1 625
6. J. O. Alberts, Associate Professor (See Veterinary Pathology and Hygiene)	S-AY25	1 560
7. R. P. Link, Assistant Professor (See Veterinary Physiology and Pharmacology)	S-AY10	600
8. P. D. Beamer, Assistant Professor (See Veterinary Pathology and Hygiene)	S-BY10	550
9. Mrs. Vera H. Grace, Assistant Professor (See Bankhead-Jones Fund) (See Veterinary Physiology and Pharmacology)	S-BY68	(3 200)
10. H. S. Bryan, Assistant Professor (See Veterinary Pathology and Hygiene)	S-BY25	1 375
11. S. C. Schmittle, Instructor	S-DY	4 500
12. J. E. Prier, Instructor	S-DY	4 500
Total, Salaries		(23 210)
Wages		2 000
Total, Salaries and Wages		(25 210)
Expense and Equipment		
Expense		33 500
Total, Veterinary Research		$ 58 710

Adams Fund

Salaries and Wages		
ANIMAL SCIENCE		
1. H. H. Mitchell (See Animal Science, Item 6)	AY15	$ 1 500
2. Elmer Roberts (See Animal Science, Item 7)	AY23	2 000
3. T. S. Hamilton (See Animal Science, Item 11)	AY12	1 080
4. Jessie R. Beadles (See Animal Science, Item 30)	DY41	1 440
HORTICULTURE		
5. ———— (See Horticulture, Item 30)	DY	4 400
6. Nonacademic Salaries	H	2 775
Total, Salaries		(13 195)
Wages		1 805
Total, Salaries and Wages		(15 000)
Total, Adams Fund		$ 15 000

Bankhead-Jones Fund

Salaries and Wages			
DIXON SPRINGS			
1. R. J. Webb (See Dixon Springs, Item 2)	AY26	$ 1 800	
2. J. M. Lewis (See Dixon Springs, Item 4)	BY20	900	
AGRICULTURAL ECONOMICS			
3. M. L. Mosher (See Agricultural Economics, Item 7)	A50	3 750	
4. M. W. Madison (See Agricultural Economics, Item 33)	DY30	1 600	
AGRICULTURAL ENGINEERING			
5. K. H. Hinchcliff (See Agricultural Engineering, Item 6)	AY25	1 685	
6. H. P. Bateman (See Agricultural Engineering, Item 10)	DY	4 000	
7. J. A. Weber (See Agricultural Engineering, Item 12)	DY52	2 250	
AGRONOMY			
8. E. P. Whiteside (See Agronomy, Item 29)	BY45	2 700	
9. R. O. Weibel (See Agronomy, Item 33)	BY	5 500	
10. J. B. Fehrenbacher (See Agronomy, Item 38)	BY	5 000	
11. B. W. Ray (See Agronomy, Item 51)	DY	3 800	
ANIMAL SCIENCE			
12. ———— (See Animal Science, Item 26)	BY60	3 000	
13. W. T. Haines (See Animal Science, Item 32)	DY44	2 000	
14. W. E. Shaklee (See Animal Science, Item 34)	DY	3 400	
FOOD TECHNOLOGY			
15. Charlotte M. Meutsch (See Food Technology, Item 15)	DY	2 700	
FORESTRY			
16. R. W. Lorenz (See Forestry, Item 2)	AY	6 400	
17. D. A. Kulp (See Forestry, Item 11)	DY	3 900	
18. ———— (See Forestry, Item 13)	DY	3 300	
HOME ECONOMICS			
19. Mrs. Royene Owen (See Home Economics, Item 51)	DY75	2 300	
20. ———— (See Home Economics, Item 61)	DY50	1 800	
21. Virginia Charles (See Home Economics, Item 62)	DY60	2 080	
HORTICULTURE			
22. Dwight Powell (See Horticulture, Item 16)	BY63	4 000	
23. W. N. Brown (See Horticulture, Item 27)	DY	4 500	
VETERINARY RESEARCH			
24. Mrs. Vera H. Grace (See Veterinary Research, Item 10)	BY68	3 200	
25. .75 Part-time Assistants	DY	1 860	
26. Nonacademic Salaries	H	15 807	
Total, Salaries		(93 232)	
Wages		2 715	
Total, Salaries and Wages		(95 947)	
Expense and Equipment			
Expense		4 000	
Equipment		1 000	
Total, Expense and Equipment		(5 000)	
Total, Bankhead-Jones Fund		$100 947	

Hatch Fund

Salaries and Wages			
ADMINISTRATION			
1. Anna C. Glover (See Administration, Item 11)	A33	$ 1 800	
2. A. W. Janes (See Administration, Item 12)	DY33	1 600	
AGRONOMY			
3. J. W. Pendleton (See Agronomy, Item 53)	DY42	1 560	
4. D. L. Lynch (See Agronomy, Item 55)	DY47	1 800	
DAIRY SCIENCE			
5. W. B. Nevens (See Dairy Science, Item 7)	AY15	1 200	
6. ———— (See Dairy Science, Item 9)	BY20	1 920	

7. ———— (See Dairy Science, Item 11)	BY30	2 100
8. Nonacademic Salaries	H	2 550
Total, Salaries		(14 530)
Wages		470
Total, Salaries and Wages		(15 000)
Total, Hatch Fund		$ 15 000

Purnell Fund

Salaries and Wages

AGRICULTURAL ECONOMICS		
1. E. J. Working (See Agricultural Economics, Item 8)	A25	$ 1 850
2. R. H. Wilcox (See Agricultural Economics, Item 16)	AY52	3 300
3. R. J. Mutti (See Agricultural Economics, Item 23)	BY20	1 200
4. A. C. Ruwe (See Agricultural Economics, Item 36)	DY60	2 500
5. ———— (See Agricultural Economics, Item 42)	DY75	2 400
ANIMAL SCIENCE		
6. Sleeter Bull (See Animal Science, Item 8)	AY22	1 800
HOME ECONOMICS		
7. Frances O. Van Duyne (See Home Economics, Item 16)	AY25	1 680
8. Mrs. Ruth C. Freeman (See Home Economics, Item 23)	BY33	1 500
9. Beula McKey (See Home Economics, Item 31)	BY20	900
10. ———— (See Home Economics, Item 33)	BY25	1 600
11. Harriet Wright (See Home Economics, Item 52)	DY	3 400
12. ———— (See Home Economics, Item 61)	DY50	1 800
13. Virginia Charles (See Home Economics, Item 62)	DY40	1 120
14. Mrs. Jean Smith (See Home Economics, Item 63)	DY	3 200
15. 1.00 Part-time Assistants	DY	3 000
16. Nonacademic Salaries	H	14 748
Total, Salaries		(45 998)
Wages		6 002
Total, Salaries and Wages		(52 000)
Expense and Equipment		
Expense		6 000
Equipment		2 000
Total, Expense and Equipment		(8 000)
Total, Purnell Fund		$ 60 000

Research and Marketing Fund

Salaries and Wages

AGRICULTURAL ECONOMICS		
1. W. J. Wills (See Agricultural Economics, Item 29)	BY20	$ 1 000
2. E. E. Broadbent (See Agricultural Economics, Item 34)	DY30	1 500
AGRICULTURAL ENGINEERING		
3. R. C. Cohlmeyer (See Agricultural Engineering, Item 20)	DY50	1 900
AGRONOMY		
4. R. H. Rust (See Agronomy, Item 54)	DY	3 600
ANIMAL SCIENCE		
5. Mrs. Barbara C. Hamilton (See Animal Science, Item 33)	DY	3 200
6. ———— (See Animal Science, Item 37)	DY	2 700
FOOD TECHNOLOGY		
7. R. M. Whitney (See Food Technology, Item 8)	AY	6 000
8. Katherine E. Paulson (See Food Technology, Item 16)	DY	3 000
HOME ECONOMICS		
9. Helen E. McCullough (See Home Economics, Item 40)	DY	4 200
10. ———— (See Home Economics, Item 47)	DY	4 000
11. 4.0 Part-time Assistants	DY	9 600
12. Nonacademic Salaries	H	1 800
Total, Salaries		(42 500)
Wages		12 500
Total, Salaries and Wages		(55 000)

Expense and Equipment		
Expense		12 817
Equipment		1 000
Total, Expense and Equipment		(13 817)
Total, Research and Marketing Fund		$ 68 817

Regional Research Fund

Salaries and Wages		
AGRICULTURAL ECONOMICS		
1. R. A. Kelly (See Agricultural Economics, Item 24)	BY23	$ 1 500
2. ———— (See Agricultural Economics, Item 38)	DY	4 000
AGRICULTURAL ENGINEERING		
3. R. C. Cohlmeyer (See Agricultural Engineering, Item 20)	DY50	1 900
4. Nonacademic Salaries	H	2 100
Total, Salaries		(9 500)
Wages		5 210
Total, Salaries and Wages		(14 710)
Expense and Equipment		
Expense		7 340
Equipment		4 000
Total, Expense and Equipment		(11 340)
Total, Regional Research Fund		$ 26 050

EXTENSION SERVICE

State Farm and Home Advisers

Salaries and Wages		
1. County Farm Advisers:		
99 at $1,938 a year	DY	$191 862
(82 at $960 a year, Smith-Lever Fund)		(78 720)
(17 at $960 a year, Bankhead-Flannagan Fund)		(16 320)
(Total, 99 at $2,898 a year)		(286 902)[1]
2. County Home Advisers:		
86 at $2,007 a year	DY	172 602
(23 at $1,080 a year, Smith-Lever Fund)		(24 840)
(34 at $1,080 a year, Capper-Ketcham Fund)		(36 720)
(29 at $1,080 a year, Bankhead-Flannagan Fund)		(31 320)
(6 at $3,087 a year, Bankhead-Flannagan Fund)		(18 522)
(Total, 92 at $3,087 a year)		(284 004)[2]
Total, State Farm and Home Advisers		$364 464

Illinois Farmers' Institute

Salaries and Wages		
1. O. L. Whalin (See State Agricultural Extension, Item 1)	AY65	$ 3 900
2. Nonacademic Salaries	H	1 740
Total, Salaries		(5 640)
Wages		1 576
Total, Salaries and Wages		(7 216)
Expense and Equipment		
Expense		8 000
Total, Illinois Farmers' Institute		$ 15 216

State Agricultural Extension

Salaries and Wages		
ADMINISTRATION		
ADMINISTRATION		
1. O. L. Whalin, Associate Professor	AY35	$ 2 100
(See Illinois Farmer's Institute)	AY65	(3 900)
(Total Salary)		(6 000)[3]

[1] County farm advisers receive additional salary from local farm bureaus.
[2] Certain county home advisers receive additional salary from local home bureaus.
[3] On leave of absence with pay for six months beginning March 1, 1950.

2. D. M. Hall, Assistant Professor	BY75	4 125
(See Student Counseling Bureau)	DY25	(1 375)
(Total Salary)		(5 500)
PUBLICATIONS		
3. Margery E. Suhre, Assistant Editor of Publications, with rank of Instructor	DY	4 200
EXTENSION EDITORS		
4. Jessie E. Heathman, Assistant Extension Editor and Assistant Professor, Home Economics	BY63	3 500
(See Smith-Lever Fund)	BY37	(2 100)
(Total Salary)		(5 600)
5. J. A. Murray, Assistant Extension Editor and Instructor, Agricultural Extension	DY	4 800
6. L. J. Noordhoff, Assistant Extension Editor, with rank of Instructor	DY	4 400
7. R. A. Jarnagin, Assistant Extension Editor and Instructor, Agricultural Extension	DY	4 300
8. ————————, Assistant Extension Editor and Assistant, Agricultural Extension	DY	3 600
AGRICULTURAL 4-H CLUB WORK		
9. R. O. Lyon, Assistant Professor, Agricultural 4-H Club Work	BY56	2 700
(See Smith-Lever Fund)	BY44	(2 100)
(Total Salary)		(4 800)
10. H. E. Deason, Instructor, Agricultural 4-H Club Work	DY54	2 500
(See Smith-Lever Fund)	DY46	(2 100)
(Total Salary)		(4 600)
11. F. H. Root, Instructor, Camp Management, Agricultural Extension	DY	4 300
AGRICULTURAL ECONOMICS		
12. J. B. Andrews (See Agricultural Economics, Item 14)	AY50	3 625
13. J. E. Wills (See Agricultural Economics, Item 18)	AY32	2 250
14. L. F. Stice (See Agricultural Economics, Item 20)	AY40	2 500
15. A. T. Anderson (See Agricultural Economics, Item 22)	BY	5 900
16. G. B. Whitman (See Agricultural Economics, Item 25)	BY	5 500
17. E. E. Broadbent (See Agricultural Economics, Item 34)	DY35	1 750
AGRICULTURAL ENGINEERING		
18. F. W. Andrew (See Agricultural Engineering, Item 7)	BY	5 000
19. B. F. Muirheid (See Agricultural Engineering, Item 13)	DY49	2 250
20. A. R. Ayers (See Agricultural Engineering, Item 17)	DY	4 200
AGRONOMY		
21. A. U. Thor (See Agronomy, Item 33)	BY	5 200
22. W. F. Purnell (See Agronomy, Item 35)	BY53	2 750
23. Alfred Tate (See Agronomy, Item 36)	BY35	1 750
ANIMAL SCIENCE		
24. G. R. Carlisle (See Animal Science, Item 28)	DY58	2 900
DAIRY SCIENCE		
25. L. R. Fryman (See Dairy Science, Item 24)	DY	4 200
DIXON SPRINGS		
26. R. J. Webb (See Dixon Springs, Item 2)	AY10	750
27. G. E. McKibben (See Dixon Springs, Item 5)	BY25	1 125
28. ———————— (See Dixon Springs, Item 8)	DY75	2 700
FORESTRY		
29. W. F. Bulkley (See Forestry, Item 7)	DY63	2 780
30. J. C. Van Camp, Jr. (See Forestry, Item 8)	DY	4 000
31. B. F. Kent (See Forestry, Item 9)	DY	4 200
32. ———————— (See Forestry, Item 12)	DY55	2 020

HORTICULTURE		
33. H. W. Gilbert (See Horticulture, Item 9)	AY68	4 400
34. T. H. Anstey (See Horticulture, Item 22)	DY50	2 675
35. C. E. Taylor (See Horticulture, Item 31)	DY50	2 100
36. O. E. Schubert (See Horticulture, Item 32)	DY50	2 100
HOME ECONOMICS		
CHILD DEVELOPMENT AND PARENT EDUCATION		
37. Margueritte Briggs (See Home Economics, Item 50)	BY	5 000
HEALTH EDUCATION		
38. ———— (See Home Economics, Item 60)	DY80	3 040
HOME MANAGEMENT		
39. Catherine M. Sullivan (See Home Economics, Item 45)	DY47	1 900
HOME ECONOMICS 4-H CLUB WORK		
40. ———— (See Home Economics, Item 39)	DY	4 400
41. Nonacademic Salaries	H	63 912
Total, Salaries		(197 402)
Wages		10 400
Total, Salaries and Wages		(207 802)
Expense and Equipment		
Expense		18 000
Equipment		4 000
Total, Expense and Equipment		(22 000)
Total, State Agricultural Extension		$229 802

Additional Cooperative Fund

Salaries and Wages		
ADMINISTRATION		
RURAL YOUTH		
1. ————, Assistant Professor, Rural Youth Extension	DY	$ 4 000
HOME ECONOMICS		
RURAL YOUTH		
2. Clareta Walker (See Home Economics, Item 30)	BY	5 000
Total, Salaries		(9 000)
Expense and Equipment		
Expense		297[1]
Travel		1 440
Total, Expense and Equipment		(1 737)
Total, Additional Cooperative Fund		$ 10 737

Bankhead-Flannagan Fund

Salaries and Wages		
ADMINISTRATION		
1. County Farm Advisers (17 at $960 a year) (See State Farm and Home Advisers)	DY	$ 16 320
2. County Assistants for Farm and Home Advisers (125 county assistants from $1,200 to $2,700 a year)	H	231 000[2]
AGRICULTURAL ECONOMICS		
3. L. H. Simerl (See Agricultural Economics, Item 21)	AY	6 250
RURAL SOCIOLOGY		
4. J. K. Van Slyke (See Agricultural Economics, Item 39)	DY	4 000
AGRICULTURAL ENGINEERING		
5. J. G. Andros (See Agricultural Engineering, Item 8)	BY	4 600
AGRONOMY		
6. W. O. Scott (See Agronomy, Item 37)	BY	5 000

[1] Includes estimated contributions to Retirement System.
[2] In addition to salary paid by local farm and home bureaus.

HOME ECONOMICS

HOME ADVISERS

7. Lulu S. Black (See Home Economics, Item 21)	BY		5 400
8. County Home Advisers:			
29 at $1,080 a year	DY		31 320
6 at $3,087 a year	DY		18 522
(See State Farm and Home Advisers)			
9. Nonacademic Salaries	H		3 450
Total, Salaries			(325 862)
Wages			3 498
Total, Salaries and Wages			(329 360)
Expense and Equipment			
Expense			8 516
Travel			5 300
Equipment			500
Total, Expense and Equipment			(14 316)
Total, Bankhead-Flannagan Fund			$343 676

Capper-Ketcham Fund

Salaries and Wages

HOME ECONOMICS

1. County Home Advisers (34 at $1,080 a year) (See State Farm and Home Advisers)	DY	$	36 720
Expense and Equipment			
Expense			1 463[1]
Total, Capper-Ketcham Fund		$	38 183

Research and Marketing Extension Fund

Salaries and Wages

1. L. F. Stice (See Agricultural Economics, Item 20)	AY28	$	1 750
2. E. E. Broadbent (See Agricultural Economics, Item 34)	DY35		1 750
Total, Research and Marketing Extension Fund		$	3 500

Smith-Lever Fund (Including Bankhead-Jones)

Salaries and Wages

ADMINISTRATION

ADMINISTRATION

1. H. P. Rusk (See Administration, Item 1)	BY32	$	4 600
2. ———— (See Smith-Lever, Item 5, and Administration, Item 6)	BY42		4 250

EXTENSION EDITORS

3. Hadley Read (See Administration, Item 10)	BY64		4 000
4. Jessie E. Heathman (See State Agricultural Extension, Item 4)	BY37		2 100

FARM ADVISERS AND SUPERVISORS

5. ———— (See Smith-Lever, Item 2, and Administration, Item 6)	BY43		4 250
6. F. E. Longmire, Assistant State Leader of Farm Advisers and Professor, Agricultural Extension	AY		7 500
7. J. D. Bilsborrow, Assistant State Leader of Farm Advisers and Professor, Agricultural Extension	AY		7 000
8. W. D. Murphy, Assistant State Leader of Farm Advisers and Assistant Professor, Agricultural Extension	BY		6 700
9. H. H. Gordon, Farm Adviser at Large and Assistant Professor, Agricultural Extension	BY		5 200
10. ————, Farm Adviser at Large and Assistant, Agricultural Extension	DY		3 000
11. ————, Farm Adviser at Large and Assistant, Agricultural Extension	DY		3 000

[1] Includes estimated contributions to Retirement System.

12. County Farm Advisers (82 at $960 a year) (See State Farm and Home Advisers)	DY	78 720
AGRICULTURAL 4-H CLUB WORK		
13. E. I. Pilchard, Associate Professor, Agricultural 4-H Club Work	AY	6 500
14. O. F. Gaebe, Assistant Professor, Agricultural 4-H Club Work	BY	5 400
15. F. H. Mynard, Assistant Professor, Agricultural 4-H Club Work	BY	5 300
16. R. O. Lyon (See State Agricultural Extension, Item 9)	BY44	2 100
17. H. E. Deason (See State Agricultural Extension, Item 10)	DY46	2 100
AGRICULTURAL ECONOMICS		
18. M. L. Mosher (See Agricultural Economics, Item 7)	A50	3 750
19. J. B. Cunningham (See Agricultural Economics, Item 17)	AY	6 400
20. L. F. Stice (See Agricultural Economics, Item 20)	AY32	2 000
RURAL SOCIOLOGY		
21. E. H. Regnier (See Agricultural Economics, Item 19)	AY75	5 000
AGRICULTURAL ENGINEERING		
22. K. H. Hinchcliff (See Agricultural Engineering, Item 6)	AY75	5 065
23. B. F. Muirheid (See Agricultural Engineering, Item 13)	DY51	2 350
AGRONOMY		
24. J. C. Hackleman (See Agronomy, Item 4)	AY	7 800
25. C. M. Linsley (See Agronomy, Item 19)	AY	8 000
26. E. D. Walker (See Agronomy, Item 21)	AY	6 000
ANIMAL SCIENCE		
27. H. G. Russell (See Animal Science, Item 14)	AY	7 200
28. G. R. Carlisle (See Animal Science, Item 28)	DY42	2 100
POULTRY SCIENCE		
29. S. F. Ridlen (See Animal Science, Item 21)	BY	5 400
DAIRY SCIENCE		
30. C. S. Rhode (See Dairy Science, Item 6)	AY	7 800
31. J. G. Cash (See Dairy Science, Item 12)	AY	6 500
ENTOMOLOGY		
32. H. B. Petty, Jr., Assistant Professor, Entomology Extension	BY	5 400
FORESTRY		
33. L. B. Culver (See Forestry, Item 4)	BY70	4 200
HORTICULTURE		
34. H. W. Gilbert (See Horticulture, Item 9)	AY32	2 100
35. L. A. Somers (See Horticulture, Item 24)	BY	4 750
VETERINARY PATHOLOGY AND HYGIENE		
36. M. E. Mansfield (See Veterinary Pathology and Hygiene, Item 8)	BY67	3 850
37. G. T. Woods (See Veterinary Pathology and Hygiene, Item 12)	BY	5 000
HOME ECONOMICS		
HOME ADVISERS AND SUPERVISORS		
38. Mrs. Kathryn V. Burns (See Home Economics, Item 3)	AY85	6 320
39. Mary L. Chase (See Home Economics, Item 11)	AY	6 000
40. Anna Searl (See Home Economics, Item 18)	BY	5 800
41. Mrs. Mary S. Ligon (See Home Economics, Item 26)	BY	4 800
42. Gertrude E. Kaiser (See Home Economics, Item 29)	BY	4 800
43. Mrs. Helen D. Turner (See Home Economics, Item 44)	DY	4 200
44. County Home Advisers (23 at $1,080 a year) (See State Farm and Home Advisers)	DY	24 840
CLOTHING		
45. Edna R. Gray (See Home Economics, Item 19)	BY	5 350
46. Fern Carl (See Home Economics, Item 38)	DY	4 800

FOODS AND NUTRITION		
47. Grace B. Armstrong (See Home Economics, Item 10)....	AY	6 000
48. Frances E. Cook (See Home Economics, Item 42).....	DY	4 250
49. ———— (See Home Economics, Item 57).....	BY	4 000
HOME FURNISHINGS		
50. Dorothy J. Iwig (See Home Economics, Item 24).....	BY	5 400
51. ———— (See Home Economics, Item 43).....	DY	4 250
HOME MANAGEMENT		
52. Gladys J. Ward (See Home Economics, Item 20).....	BY	5 000
53. Mrs. Ruth C. Freeman (See Home Economics, Item 23)..	BY67	3 000
54. Catherine M. Sullivan (See Home Economics, Item 45)...	DY53	2 100
HOME ECONOMICS 4-H CLUB WORK		
55. Mary A. McKee (See Home Economics, Item 25).....	BY	4 800
56. Florence A. Kimmelshue (See Home Economics, Item 28)..	BY	4 800
57. Erma Cottingham (See Home Economics, Item 37).....	DY	4 400
58. Lucile Hieser (See Home Economics, Item 49).....	BY	4 300
59. Nonacademic Salaries.....	H	23 820
Total, Salaries.....		(395 415)
Wages.....		14 365
Total, Salaries and Wages.....		(409 780)
Expense and Equipment		
Expense.....		66 389[1]
Travel.....		43 000
Equipment.....		12 000
Total, Expense and Equipment.....		(121 389)
Total, Smith-Lever Fund.....		$531 169

Agricultural Extension Revolving Fund

(Entire budget from receipts)

Salaries and Wages	
Wages.....	$ 500
Expense and Equipment	
Expense.....	15 550
Equipment.....	1 950
Total, Expense and Equipment.....	(17 500)
Total, Agricultural Extension Revolving Fund.....	$ 18 000

COLLEGE OF ENGINEERING AND ENGINEERING EXPERIMENT STATION

Summary

Instruction	*Salaries and Wages*	*Other Expense*	*Total*
Administration.....	$42 493	$ 7 000	$49 493
Aeronautical.....	70 660	18 000	88 660
Ceramic.....	67 099	12 500	79 599
Civil.....	197 132	21 000	218 132
Electrical.....	420 650	27 000	447 650
General Engineering Drawing.....	92 180	6 400	98 580
Mechanical.....	361 738	23 000	384 738
Mining and Metallurgical.....	66 772	8 500	75 272
Physics.....	307 980	28 000	335 980
Theoretical and Applied Mechanics.....	182 022	14 500	196 522
Total, Instruction.....	(1 808 726)	(165 900)	(1 974 626)

[1] Includes $19,200 estimated contributions to Retirement System.

Summary (concluded)

Organized Research	*Salaries and Wages*	*Other Expense*	*Total*
Administration	34 699	12 000	46 699
Measurement Program	11 940	6 000	17 940
Ceramic	6 022	2 000	8 022
Chemical	19 866	3 000	22 866
Civil	60 772	6 200	66 972
Mechanical	36 458	8 000	44 458
Mining and Metallurgical	28 570	4 000	32 570
Physics	.....	18 000	18 000
Physics Betatron	69 072	20 000	89 072
Sewage Research	5 440	860	6 300
Theoretical and Applied Mechanics	54 450	6 000	60 450
Research Graduate Assistants	16 800	.....	16 800
Total, Organized Research	(344 089)	(86 060)	(430 149)
Grand Total	$2 152 815	$251 960	$2 404 775
Expendable Gift Funds			
Organized Research:			
Estimated New Projects and Renewals	$175 000	$ 80 000	$ 225 000
United States Government Contracts			
Instruction:			
Estimated New Projects and Renewals	15 000	5 000	20 000
Organized Research:			
Estimated New Projects and Renewals	600 000	350 000	950 000
Sub-total	(615 000)	(355 000)	(970 000)
Total, Trust Funds	$790 000	$435 000	$1 225 000

Explanations of symbols in titles:
C = College; S = Station

Administration

Salaries and Wages		
1. W. L. Everitt, Dean	C-BY50	$ 7 500
Director	S-BY50	7 500
Professor of Electrical Engineering	AY	.....
(Total Salary)		(15 000)
2. M. L. Enger, Dean, *Emeritus*		.....[1]
(See Theoretical and Applied Mechanics)		
3. H. H. Jordan, Associate Dean	C-BY	10 500
Professor of General Engineering Drawing	C-AY	
4. L. A. Rose, Editor, with rank of Professor, and Director of Engineering Information and Publications	S-AY	7 000
5. S. H. Pierce, Assistant Dean	C-BY75	4 700
(See General Engineering Drawing)	C-B25	(1 300)
(Total Salary)		(6 000)
6. E. F. Heater, Research Assistant Professor	S-DY	5 500
7. G. R. Foster, Assistant Editor	S-DY	3 300
8. ————, Research Assistant	S-DY	3 500
9. Nonacademic Salaries	C-H	17 793
	S-H	6 549
Total, Nonacademic Salaries		(24 342)
Total, Salaries, College		(40 493)
Total, Salaries, Station		(33 349)
Total, Salaries		(73 842)
Wages, College		2 000
Wages, Station		1 350
Total, Wages		(3 350)
Total, Salaries and Wages, College		(42 493)
Total, Salaries and Wages, Station		(34 699)
Total, Salaries and Wages		(77 192)

[1] Retiring allowance payable by Retirement System.

Expense and Equipment

COLLEGE		
Expense		3 000
Equipment		2 000
Contingent		2 000
Total, College		(7 000)
STATION		
Expense and Equipment		12 000
Total, Expense and Equipment		(19 000)
Total, Administration, College		$ 49 493
Total, Administration, Station		$ 46 699
Total, Administration		$ 96 192

Measurement Program

Salaries and Wages

1. H. N. Hayward, Director	S-DY50	$ 3 600
(See Electrical Engineering)	C-A50	(3 000)
(Total Salary)		(6 600)
2. Nonacademic Salaries	S-H	8 340
Total, Salaries and Wages		(11 940)

Expense and Equipment

STATION		
Expense		6 000
Total, Measurement Program		$ 17 940

Aeronautical Engineering

Salaries and Wages

1. H. S. Stillwell, Professor and Head of Department	C-A	$ 8 500
2. R. W. McCloy, Professor	C-A	6 100
3. M. Z. Krzywoblocki, Professor	C-A	6 000
4. J. M. Coan, Associate Professor	C-A	5 900
5. ————, Associate Professor	C-A	5 100
6. E. P. Eales, Assistant Professor	C-B	4 400
7. A. I. Ormsbee, Instructor	C-D	3 900
8. E. J. Seagrist, Instructor	C-D	3 800
9. H. H. Hilton, Instructor	C-D	3 800
10. 1.0 Part-time Assistants	C-E	2 400
11. Nonacademic Salaries	C-H	17 760
Total, Salaries		(67 660)
Wages		3 000
Total, Salaries and Wages		(70 660)

Expense and Equipment

Expense		9 000
Equipment		9 000
Total, Expense and Equipment		(18 000)
Total, Aeronautical Engineering		$ 88 660

Ceramic Engineering

Salaries and Wages

1. A. I. Andrews, Professor and Head of Department	C-A	$ 9 500
2. R. K. Hursh, Professor	C-A	8 400
3. F. V. Tooley, Professor of Glass Technology	C-A	6 500
4. R. L. Cook, Professor	C-A	6 750
5. A. W. Allen, Associate Professor	C-A	6 000
6. E. D. Lynch, Assistant Professor	C-B	4 500
7. G. F. Stockdale, Research Assistant Professor	S-BY	4 400
8. W. J. Meid, Instructor	C-D	4 000
9. R. J. McEvoy, Instructor	C-D	3 600
10. ————, Instructor	C-D	3 250

11. Nonacademic Salaries	C-H	13 519
	S-H	1 502
Total, Nonacademic Salaries		(15 021)
Total, Salaries, College		(66 019)
Total, Salaries, Station		(5 902)
Total, Salaries		(71 921)
Wages, College		1 080
Wages, Station		120
Total, Wages		(1 200)
Total, Salaries and Wages, College		(67 099)
Total, Salaries and Wages, Station		(6 022)
Total, Salaries and Wages		(73 121)
Expense and Equipment		
COLLEGE		
Expense		11 000
Equipment		1 500
Total, College		(12 500)
STATION		
Expense		1 500
Equipment		500
Total, Station		(2 000)
Total, Expense and Equipment		(14 500)
Total, Ceramic Engineering, College		$ 79 599
Total, Ceramic Engineering, Station		$ 8 022
Total, Ceramic Engineering		$ 87 621

Cooperative Investigations

Salaries and Wages

ARMY AIR FORCES-14520		
1. D. G. Bennett, Special Research Professor	S-DY	$ 8 000
2. W. J. Plankenhorn, Special Research Associate Professor	S-DY	6 400
3. R. F. Kimpel, Special Research Associate	S-DY	4 400
4. ———, Special Research Associate	S-DY	4 400
5. L. R. McCreight, Special Research Associate	S-DY	4 400
6. J. W. Graham, Special Research Associate	S-DY	4 400
7. J. A. Nelson, Special Research Associate	S-DY	3 800
8. R. J. Beals, Special Research Assistant	S-DY	3 800
9. R. G. Hicks, Special Research Assistant	S-DY	3 000
ENAMEL STANDARDS		
10. F. A. Petersen, Special Research Professor	S-DY	7 000
11. A. L. Friedberg, Special Research Associate	S-DY	4 500
ENAMEL SMELTER OPERATION		
12. S. F. Paspy, Special Research Assistant	S-DY	3 600

Chemical Engineering Research

Salaries and Wages

1. H. F. Johnstone, Professor of Chemical Engineering	S-AY33	$ 3 666
(See Chemistry)	C-A67	(7 334)
(Total Salary)		(11 000)
2. Sherlock Swann, Jr., Research Professor	S-AY	6 500
3. L. G. Alexander, Research Assistant Professor	S-BY	5 500
4. Nonacademic Salaries	S-H	2 400
Total, Salaries		(18 066)
Wages		1 800
Total, Salaries and Wages		(19 866)
Expense and Equipment		
STATION		
Expense		3 000
Total, Chemical Engineering Research		$ 22 866

Cooperative Investigations

Salaries and Wages

UTILITIES RESEARCH COMMISSION CASE 31—SOLUBILITY OF BOILER WATERS		
1. F. G. Straub, Special Research Professor	S-DY	$ 7 500
2. H. D. Ongman, Special Research Assistant	S-DY	3 000
N6-ORI-71 TASK XI		
3. 5.00 Part-time Special Research Assistants	S-E	6 000
ATOMIC ENERGY COMMISSION CONTRACT AT 30-3-28		
4. 3.00 Part-time Special Research Assistants	S-E	3 600

Civil Engineering

Salaries and Wages

1. W. C. Huntington, Professor and Head of Department	C-A	$ 12 000
2. W. M. Wilson, Research Professor of Structural Engineering, *Emeritus*		.....[1]
3. H. E. Babbitt, Professor of Sanitary Engineering	C-A	8 500
4. J. S. Crandell, Professor of Highway Engineering	C-A	7 060
5. T. C. Shedd, Professor of Structural Engineering	C-A	9 500
6. J. J. Doland, Professor of Hydraulic Engineering	C-A	8 500
7. C. C. Wiley, Professor of Highway Engineering	C-A	6 700
8. Jamison Vawter, Professor	C-A	8 500
9. E. E. King, Professor of Railway Civil Engineering, *Emeritus*		.....[1]
10. N. M. Newmark, Research Professor of Structural Engineering	C-AY34 S-AY66	3 740 7 260
(Total Salary)		(11 000)
11. R. B. Peck, Research Professor of Soil Mechanics	C-AY34 S-AY66	3 060 5 940
(Total Salary)		(9 000)
12. W. A. Oliver, Professor	C-A	6 400
13. J. G. Clark, Professor	C-A	6 300
14. W. H. Rayner, Professor	C-A	6 000
15. Ellis Danner, Associate Professor	C-A	6 000
16. F. A. Reickert, Associate Professor	C-A	5 900
17. W. E. Hanson, Associate Professor	C-A	5 500
18. E. E. Bauer, Associate Professor	C-A	5 200
19. G. H. Dell, Associate Professor	C-A	5 200
20. J. C. Dietz, Associate Professor of Sanitary Engineering	C-A	5 000
21. ————, Associate Professor	C-A	5 000
22. M. O. Schmidt, Associate Professor	C-A	5 200
23. W. W. Hay, Assistant Professor of Railway Civil Engineering	C-B	5 500
24. E. J. Daily, Assistant Professor	C-B	4 700
25. E. R. Bretscher, Assistant Professor	C-B	4 700
26. T. H. Thornburn, Research Assistant Professor	C-B50 S-BY50	2 500 2 500
(Total Salary)		(5 000)
27. C. P. Siess, Research Assistant Professor	S-BY	6 000
28. W. H. Munse, Research Assistant Professor	S-BY	5 400
29. J. C. Guillou, Research Assistant Professor of Hydraulic Engineering	S-BY	5 000
30. W. J. Austin, Research Assistant Professor	S-DY	5 000
31. C. P. Atkins, Assistant Professor	C-B	4 400
32. C. S. Danner, Instructor	C-D	4 000
33. J. W. Briscoe, Instructor	C-D	4 000
34. D. A. Day, Instructor	C-D	4 000
35. W. S. Pollard, Jr., Instructor	C-D	3 600
36. J. W. Seyler, Instructor	C-D	3 500
37. J. R. Bissett, Instructor	C-D50	2 000

[1] Retiring allowance payable by Retirement System.

38. G. A. Young, Instructor	C-D50	1 800
39. R. A. Sproat, Instructor	C-D50	1 700
40. W. J. Conway, Jr., Instructor	C-D50	1 500
41. Earl Terzaghi, Lecturer and Consultant in Civil Engineering	C-DY15	1 500
42. R. E. Grim, Lecturer in Clay Minerals	C-D3	200
(See Special Graduate Fund)	A8	(500)
(From State Geological Survey)	DY89	(6 600)
(Total Salary)		(7 300)
43. R. L. Philippe, Lecturer in Foundation Engineering	C-G5[1]	300
44. R. N. Bergendoff, Lecturer in Structural Engineering	C-G5[1]	300
45. Abel Wolman, Lecturer and Research Consultant in Sanitary Engineering	C-G5[1]	300
46. A. E. Cummings, Lecturer in Foundation Engineering	C-G5[1]	200
47. W. H. Wisely, Lecturer in Sanitary Engineering	C-G2[1]	100
48. F. A. Randall, Special Lecturer in Foundation Engineering (Without salary)	C-E	.....
49. H. S. Sundin, Assistant	C-E	3 200
50. 1.00 Part-time Assistants	C-E	2 400
1.00 Part-time Assistants	S-E	2 400
Total, Part-time Assistants		(4 800)
51. Nonacademic Salaries	C-H	7 942
	S-H	17 742
Total, Nonacademic Salaries		(25 684)
Total, Salaries, College		(193 602)
Total, Salaries, Station		(57 242)
Total, Salaries		(250 844)
Wages, College		3 530
Wages, Station		3 530
Total, Wages		(7 060)
Total, Salaries and Wages, College		(197 132)
Total, Salaries and Wages, Station		(60 772)
Total, Salaries and Wages		(257 904)
Expense and Equipment		
COLLEGE		
Expense		16 000
Equipment		5 000
Total, College		(21 000)
STATION		
Expense		3 000
Equipment		3 200
Total, Station		(6 200)
Total, Expense and Equipment		(27 200)
Total, Civil Engineering, College		$218 132
Total, Civil Engineering, Station		$ 66 972
Total, Civil Engineering		$285 104

Cooperative Investigations

Salaries and Wages

OFFICE OF NAVAL RESEARCH TASK V		
1. H. C. Roberts, Special Research Associate Professor	S-DY	$ 6 400
2. G. K. Sinnamon, Special Research Associate	S-DY	4 200
3. R. J. Mosborg, Special Research Associate	S-DY	4 000
4. 1.5 Part-time Assistants	S-DY	4 500
OFFICE OF NAVAL RESEARCH TASK VI		
5. Z. K. Lee, Special Research Associate	S-E50	2 000
6. 3.00 Part-time Assistants	S-DY	9 000
UNITED STATES ENGINEER CENTER NO. 453		
7. E. R. Baumann, Special Research Associate	S-DY	4 500

[1] Payable in two installments on January 31 and May 31.

RESEARCH COUNCIL—RIVETED AND BOLTED STRUCTURAL JOINTS		
8. 1.00 Part-time Assistants	S-DY	3 000
COPPER AND BRASS RESEARCH ASSOCIATION—TESTS OF JOINTS IN COPPER		
9. 1.00 Part-time Assistants	S-DY	3 000
DIVIDED POSITIONS		
10. H. O. Ireland, Special Research Associate (50% Railroad Roadbed Stabilization; 50% Cooperative Research of Highway Problems)	S-DY	4 000

Electrical Engineering

Salaries and Wages		
1. J. D. Ryder, Professor and Head of Department	C-A	$ 11 000
2. E. B. Paine, Professor, *Emeritus*		.....[1]
3. E. H. Waldo, Associate Professor, *Emeritus* (From Retiring Allowances)		(1 693)
4. J. T. Tykociner, Research Professor, *Emeritus*		.....[1]
5. W. L. Everitt, Professor (Salary under Administration)		.....
6. A. L. Samuel, Professor	C-A	10 000
7. A. R. Knight, Professor	C-A	8 100
8. J. O. Kraehenbuehl, Professor	C-A	7 300
9. C. A. Keener, Professor	C-A	6 900
10. M. A. Faucett, Professor	C-A	6 700
11. G. H. Fett, Professor	C-A	6 600
12. E. C. Jordan, Professor	C-A	6 600
13. E. A. Reid, Professor	C-A	6 500
14. V. P. Hessler, Professor	C-A	6 300
15. M. B. Reed, Professor	C-A	6 300
16. L. T. DeVore, Professor	C-A	7 000
17. H. N. Hayward, Associate Professor	C-A50	3 000
(See Measurement Program)	S-DY50	(3 600)
(Total Salary)		(6 600)
18. J. K. Tuthill, Associate Professor of Railway Engineering	C-A	5 700
19. C. E. Skroder, Associate Professor	C-A	5 700
20. M. S. Helm, Associate Professor	C-A	5 500
21. L. B. Archer, Associate Professor	C-A	5 400
22. J. E. Williams, Associate Professor	C-A	5 300
23. T. A. Murrell, Associate Professor	C-A	5 200
24. G. R. Peirce, Associate Professor	C-A	5 000
25. H. W. Horn, Associate Professor	C-A	5 000
26. P. F. Schwarzlose, Associate Professor	C-A	5 000
27. Nelson Wax, Associate Professor	C-A	5 000
28. C. C. Nash, Assistant Professor	C-B	5 000
29. R. M. Wainwright, Assistant Professor	C-B	5 000
30. H. K. Polk, Assistant Professor	C-B	5 000
31. A. D. Bailey, Assistant Professor	C-B	5 000
32. W. E. Miller, Assistant Professor	C-B	4 800
33. M. S. McVay, Assistant Professor	C-B	4 800
34. J. A. Barkson, Assistant Professor	C-B	4 700
35. J. P. Neal, Assistant Professor	C-B	4 500
36. W. H. Byers, Assistant Professor	C-B	4 500
37. P. R. Egbert, Assistant Professor	C-B	4 500
38. N. R. Scott, Assistant Professor	C-B	4 500
39. D. S. Babb, Assistant Professor	C-B	4 500
40. H. D. Webb, Assistant Professor	C-B	4 400
41. P. K. Hudson, Assistant Professor	C-B	4 400
42. D. F. Hang, Assistant Professor	C-B	4 400
43. E. F. DeMers, Assistant Professor	C-B	4 400
44. R. S. Elliott, Assistant Professor	C-B	4 400
45. W. G. Albright, Assistant Professor	C-B	4 400

[1] Retiring allowance payable by Retirement System.

46. R. H. Nau, Assistant Professor	C-B	4 200
47. M. H. Crothers, Assistant Professor	C-B	4 200
48. ————, Assistant Professor	C-B	4 200
49. P. A. Bauman, Assistant Professor	C-B	4 000
50. A. S. Chodakowski, Instructor	C-D	4 000
51. C. V. Jakowatz, Instructor	C-D	3 900
52. H. W. Katz, Instructor	C-D	3 800
53. Bernard Silverman, Instructor	C-D	3 800
54. S. W. Tehon, Instructor	C-D	3 600
55. Buford Smith, Jr., Instructor	C-D	3 600
56. C. L. Coates, Instructor	C-D	3 600
57. B. J. Wilson, Instructor	C-D	3 400
58. Meyer Gilden, Instructor	C-D	3 400
59. R. E. Wendt, Jr., Instructor	C-D	3 300
60. L. O. Brown, Instructor	C-D	3 200
61. P. M. Kintner, Instructor	C-D	3 200
62. D. E. Glum, Instructor	C-D	3 200
63. ————, Instructor	C-D	3 200
64. ————, Instructor	C-D	3 000
65. ————, Instructor	C-D	3 000
66. G. D. McMullen, Instructor	C-D	3 000
67. ————, Instructor	C-D	3 000
68. 16.67 Part-time Assistants	C-E	40 000
69. Nonacademic Salaries	C-H	56 550
Total, Salaries		(402 650)
Wages		18 000
Total, Salaries and Wages		(420 650)
Expense and Equipment		
Expense		15 000
Equipment		12 000
Total, Expense and Equipment		(27 000)
Total, Electrical Engineering		$447 650

Cooperative Investigations

Salaries and Wages

DIVIDED POSITIONS

1. W. K. Jentschke, Special Research Assistant Professor (Without salary)	S-BY	.....
2. E. K. E. Weise, Special Research Assistant Professor (Without salary)	S-BY	.....
3. H. L. VanVelzer, Special Research Associate Professor.. (50% AAF 15293; 50% AAF 21811)	S-BY	$ 6 400
4. W. J. Fry, Special Research Assistant Professor..... (50% AAF 15293; 50% ONR-Task XXI)	S-BY	6 100
5. J. W. Hoffman, Special Research Assistant Professor... (33% AAF 14742; 33% AAF 14538; 33% Watson Labs. 5)	S-BY	5 500
6. F. J. Fry, Special Research Associate..... (50% AAF 15293; 50% ONR-Task XXI)	S-DY	5 200
7. M. N. Chase, Special Research Associate..... (50% AAF 20778; 50% Watson Labs. 18)	S-DY75	3 900
8. D. E. Nelson, Special Research Associate..... (50% Watson Labs. 5; 50% AAF 14538)	S-DY	3 840

ARMY AIR FORCES 14538

9. L. R. Bloom, Special Research Assistant Professor.....	S-BY	5 200
10. H. C. Hu, Special Research Associate.....	S-DY50	2 600
11. 2.25 Part-time Special Research Assistants.....	S-DY	8 000

WATSON LABORATORIES 18

12. A. W. Lo, Special Research Associate.....	S-DY50	2 280
13. 2.00 Part-time Special Research Assistants.....	S-DY	6 750

OFFICE OF NAVAL RESEARCH TASK XV

14. E. C. Hayden, Special Research Associate.....	S-DY75	3 900
15. J. J. Myers, Special Research Associate.....	S-DY75	3 900

16. R. W. Annis, Special Research Associate	S-DY50	2 600
17. 3.75 Part-time Special Research Assistants	S-DY	14 040
ARMY AIR FORCES 14742		
18. R. P. Wellinger, Special Research Assistant Professor	S-BY	5 500
19. D. F. Holshouser, Special Research Associate	S-DY	4 800
20. ————————, Special Research Associate	S-DY75	3 060
21. J. E. Etter, Special Research Associate	S-DY75	2 880
22. 1.75 Part-time Special Research Assistants	S-DY	6 360
OFFICE OF NAVAL RESEARCH TASK XXI		
23. V. J. Wulff, Special Research Assistant Professor	S-BY50	2 600
(See Physiology)	C-B50	(2 125)
(Total Salary)		(4 725)
24. 1.50 Part-time Special Research Assistants	S-DY	4 950
ARMY AIR FORCES 20778		
25. 3.25 Part-time Special Research Assistants	S-DY	13 050
ARMY AIR FORCES 20779		
26. .50 Part-time Special Research Assistants	S-DY	1 650
ARMY AIR FORCES 21811		
27. .50 Part-time Special Research Assistants	S-DY	1 650
ARMY AIR FORCES 15293		
28. .75 Part-time Special Research Assistants	S-DY	2 700
GRADUATE RESEARCH—TRUST—INDIRECT COST—DEVORE		
29. .75 Part-time Special Research Assistants	S-DY	2 850
THERMAL R. F. VOLTMETER		
30. 1.00 Part-time Special Research Assistants	S-DY	4 100
UTILITIES RESEARCH COMMISSION CASE NO. 114—TRANSIENT LOAD VOLTAGE FLUCTUATIONS		
31. .50 Part-time Special Research Assistants	S-DY	1 600

General Engineering Drawing

Salaries and Wages		
1. R. P. Hoelscher, Professor and Head of Department	C-A	$ 8 300
2. H. H. Jordan, Professor		.....
(Salary under Administration)		
3. C. H. Springer, Professor	C-A	7 000
4. F. M. Porter, Professor, *Emeritus*		.....[1]
5. S. G. Hall, Professor	C-A	6 000
6. L. D. Walker, Professor	C-A	6 000
7. J. T. Lendrum, Associate Professor		.....[1]
(Salary under Small Homes Council)		
8. B. O. Larson, Associate Professor	C-A	5 100
9. J. E. Pearson, Associate Professor	C-A	5 100
10. S. H. Pierce, Assistant Professor	C-B25	1 300
(See Administration)	C-BY75	(4 700)
(Total Salary)		(6 000)
11. R. S. Crossman, Assistant Professor	C-D	4 500
12. R. P. Borri, Assistant Professor	C-D	4 400
13. H. C. Nelson, Instructor	C-D	3 800
14. E. D. Ebert, Instructor	C-D	4 500
15. J. S. Dobrovolny, Instructor	C-D	4 100
16. W. L. Shick, Instructor	C-D	4 100
17. Grace Wilson, Instructor	C-D	4 100
18. H. J. Bokenkamp, Instructor	C-D	3 600
19. A. G. Friederich, Instructor	C-D	3 400
20. W. R. Duke, Instructor	C-D	3 400
21. R. D. Henson, Instructor	C-D	3 200
22. Harvey Mullen, Instructor	C-D	3 900
23. 1.00 Part-time Assistants	C-E	2 400
24. Nonacademic Salaries	C-H	1 980
Total, Salaries		(90 180)
Wages		2 000
Total, Salaries and Wages		(92 180)

[1] Retiring allowance payable by Retirement System.

Expense and Equipment		
Expense		4 400
Equipment		2 000
Total, Expense and Equipment		(6 400)
Total, General Engineering Drawing		$ 98 580

Mechanical Engineering

Salaries and Wages		
1. N. A. Parker, Professor and Head of Department	C-A	$ 10 700
2. O. A. Leutwiler, Professor, *Emeritus*		.....[1]
3. A. P. Kratz, Research Professor, *Emeritus*		.....[1]
4. J. A. Polson, Professor, *Emeritus*		.....[1]
5. C. W. Ham, Professor, *Emeritus*		.....[1]
6. M. K. Fahnestock, Research Professor	S-AY	8 750
(See Aeromedical and Physical Environment Laboratory)		
7. C. H. Casberg, Professor	C-A	8 200
8. W. N. Espy, Professor	C-A	7 800
9. D. G. Ryan, Professor	C-A	7 800
10. J. R. Fellows, Professor	C-A	7 000
11. K. J. Trigger, Professor	C-A	7 000
12. ————, Research Professor	S-AY	7 000
13. R. F. Larson, Professor	C-A	6 400
14. Seichi Konzo, Professor	C-A	6 400
15. W. H. Severns, Professor	C	.....[2]
16. J. H. Potter, Professor	C-A	6 200
17. W. L. Hull, Professor	C-A	6 000
18. ————, Professor	C-A	6 000
19. M. R. Riddell, Associate Professor, *Emeritus*		.....[1]
20. G. W. Harper, Associate Professor	S-BY75	5 000
(See University Extension)	BY25	(2 000)
(Total Salary)		(7 000)
21. L. C. Pigage, Associate Professor	C-AY50	3 200
(See University Extension)	AY25	(1 600)
(See Institute of Industrial and Labor Relations)	AY25	(1 600)
(Total Salary)		(6 400)
22. C. E. Schubert, Associate Professor	C-A	5 800
23. E. L. Broghamer, Associate Professor	C-A	5 500
24. D. H. Krans, Associate Professor	C-A	5 500
25. J. A. Henry, Associate Professor	C-A	5 500
26. Everett Laitala, Associate Professor	C-A	5 500
27. R. J. Martin, Associate Professor	C-A	5 400
28. E. D. Luke, Associate Professor	C-A	5 200
29. J. C. Miles, Associate Professor	C-A	5 200
30. Francis Seyfarth, Associate Professor	C-A	5 200
31. D. H. Cole, Associate Professor	C-A	5 000
32. H. H. Korst, Associate Professor	C-A	5 000
33. ————, Associate Professor	C-A	5 000
34. R. C. Juvinall, Assistant Professor	C-B	5 000
35. C. D. Greffe, Assistant Professor	C-B	4 800
36. E. F. Hebrank, Assistant Professor	C-B	4 800
37. C. J. Starr, Assistant Professor	C-B	4 700
38. L. E. Doyle, Assistant Professor	C-B	4 700
39. L. M. Zubko, Assistant Professor	C-B	4 600
40. J. L. Leach, Assistant Professor	C-B	4 500
41. R. N. McDonald, Assistant Professor	C-B	4 500
42. H. D. Bareither, Assistant Professor	C-B	4 000
43. J. R. Carroll, Assistant Professor	C-B	4 000
44. R. L. Porter, Research Associate	S-DY	4 290
45. C. E. Derrough, Instructor	C-D	4 200
46. M. B. Singer, Instructor	C-D	4 000

[1] Retiring allowance payable by Retirement System.
[2] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

47. A. D. Wright, Instructor	C-D	3 900
48. D. E. McFeron, Instructor	C-D	3 700
49. G. F. Schrader, Instructor	C-D	3 600
50. T. A. Coultas, Instructor	C-D	3 500
51. J. L. Whisenand, Instructor	C-D	3 500
52. R. P. Strout, Instructor	C-D	3 500
53. W. J. Love, Instructor	C-D	3 500
54. J. W. Bayne, Instructor	C-D	3 450
55. C. H. McClay, Instructor	C-D	3 450
56. A. E. Noreen, Instructor	C-D	3 400
57. R. L. Wehe, Instructor	C-D	3 300
58. F. R. Wunder, Instructor	C-D	3 300
59. B. W. Hill, Instructor	C-D	3 200
60. A. N. Fleming, Instructor	C-D	3 200
61. W. M. Schultz, Instructor	C-D	3 200
62. D. H. Offner, Instructor	C-D	3 200
63. R. B. Dillaway, Instructor	C-D	3 200
64. R. E. Ahern, Instructor	C-D	3 200
65. R. A. McNamara, Instructor	C-D	3 120
66. P. I. Stone, Instructor	C-D	3 000
67. G. L. Jenkins, Instructor	C-D	3 000
68. ————————, Instructor	C-D	3 000
69. B. T. Chao, Research Assistant	S-DY	3 600
70. E. E. Garrison, Assistant	C-E	3 200
71. G. A. Polk, Assistant	C-E	3 000
72. G. E. Martin, Assistant	C-E	3 000
73. B. A. Peskin, Assistant	C-E	3 000
74. C. L. Sonnenschein, Assistant	C-E	2 700
75. W. F. Stoecker, Assistant	C-E	2 400
76. H. E. Straub, Assistant	C-E	2 400
77. 5.50 Part-time Assistants	C-E	13 200
78. Nonacademic Salaries	C-H	40 618
	S-H	10 418
Total, Nonacademic Salaries		(51 036)
Total, Salaries, College		(352 238)
Total, Salaries, Station		(34 058)
Total, Salaries		(386 296)
Wages, College		9 500
Wages, Station		2 400
Total, Wages		(11 900)
Total, Salaries and Wages, College		(361 738)
Total, Salaries and Wages, Station		(36 458)
Total, Salaries and Wages		(398 196)
Expense and Equipment		
COLLEGE		
Expense		17 000
Equipment		6 000
Total, College		(23 000)
STATION		
General Expense		3 000
Safety Expense		3 000
Equipment		2 000
Total, Station		(8 000)
Total, Expense and Equipment		(31 000)
Total, Mechanical Engineering, College		$384 738
Total, Mechanical Engineering, Station		$ 44 458
Total, Mechanical Engineering		$429 196

Cooperative Investigations

Salaries and Wages

INSTITUTE OF BOILER AND RADIATOR MANUFACTURERS

1. W. S. Harris, Special Research Associate Professor	S-DY	$ 6 400

2. R. H. Weigel, Special Research Assistant	S-DY	3 600
3. K. L. Lamm, Special Research Assistant	S-DY	3 000
NATIONAL WARM AIR HEATING AND AIR CONDITIONING ASSOCIATION		
4. R. W. Roose, Special Research Associate	S-DY	4 500
5. N. A. Buckley, Special Research Assistant	S-DY	3 900
6. M. E. Childs, Special Research Assistant	S-DY	3 300
7. G. H. Green, Special Research Assistant	S-DY	3 000
AMERICAN GAS ASSOCIATION		
8. S. F. Gilman, Special Research Associate	S-DY	4 200
TIMKEN ROLLER BEARING COMPANY		
9. R. M. Wright, Special Research Assistant Professor	S-DY	5 500

Mining and Metallurgical Engineering

Salaries and Wages

1. H. L. Walker, Professor of Metallurgical Engineering and Head of Department	C-A	$ 9 000
2. ————, Professor of Physical Metallurgy	S-AY	10 000
3. W. R. Chedsey, Professor of Mining Engineering	C-A	6 600
4. W. H. Voskuil, Professor of Mineral Economics	C-A10	800
(From State Geological Survey)	DY90	(6 600)
(Total Salary)		(7 400)
5. E. J. Eckel, Associate Professor of Metallurgical Engineering	C-A	6 000
6. W. H. Bruckner, Research Assistant Professor of Metallurgical Engineering	S-BY	5 600
7. A. C. Forsyth, Assistant Professor of Metallurgical Engineering	C-B	5 300
8. B. G. Ricketts, Assistant Professor of Metallurgical Engineering	C-B	5 300
9. G. B. Clark, Assistant Professor of Mining Engineering	C-B	5 000
10. ————, Assistant Professor of Physical Metallurgy	S-BY	5 000
11. Harry Czyzewski, Assistant Professor of Physical Metallurgy	C-B	4 800
12. R. W. Bohl, Assistant Professor of Metallurgical Engineering	C-B	4 000
13. ————, Assistant Professor of Mining Engineering	C-D	4 000
14. ————, Instructor in Metallurgical Engineering	C-D	3 300
15. Clarence Zener, Special Lecturer and Consultant in Physical Metallurgy	C-E5	400
16. W. A. Mudge, Special Lecturer in Metallurgy (Without salary)	C	.....
17. G. P. Halliwell, Special Lecturer in Nonferrous Metallurgy (Without salary)	C	.....
18. 1.00 Part-time Assistants	S-E	2 400
1.00 Part-time Assistants	C-E	2 400
Total, Part-time Assistants		(4 800)
19. Nonacademic Salaries	C-H	9 222
	S-H	4 920
Total, Nonacademic Salaries		(14 142)
Total, Salaries, College		(66 122)
Total, Salaries, Station		(27 920)
Total, Salaries		(94 042)
Wages, College		650
Wages, Station		650
Total, Wages		(1 300)
Total, Salaries and Wages, College		(66 772)
Total, Salaries and Wages, Station		(28 570)
Total, Salaries and Wages		(95 342)

Expense and Equipment		
COLLEGE		
Expense		4 500
Equipment		4 000
Total, College		(8 500)
STATION		
Expense		2 000
Equipment		2 000
Total, Station		(4 000)
Total, Expense and Equipment		(12 500)
Total, Mining and Metallurgical Engineering, College		$ 75 272
Total, Mining and Metallurgical Engineering, Station		$ 32 570
Total, Mining and Metallurgical Engineering		$107 842

Physics

Salaries and Wages		
1. F. W. Loomis, Professor and Head of Department	C-A	$ 13 000
2. F. R. Watson, Professor of Experimental Physics, *Emeritus* (From Retiring Allowances)		(2 603)
3. L. N. Ridenour, Professor (Salary under Graduate College)		.....
4. Frederick Seitz, Professor (Salary under Special Graduate Fund)		.....
5. P. G. Kruger, Professor	C-A	11 000
6. Moritz Goldhaber, Professor	C-A	11 000[1]
7. G. M. Almy, Professor	C-A	9 500
8. A. T. Nordsieck, Professor	C-A	9 000
9. S. M. Dancoff, Professor	C-A	9 000
10. J. H. Bartlett, Professor	C-A	6 600
11. ————, Professor	C-A	8 000
12. W. F. Schulz, Associate Professor, *Emeritus* (From Retiring Allowances)		(1 655)
13. E. H. Williams, Associate Professor, *Emeritus*		.....[2]
14. E. M. Lyman, Associate Professor	C-A	7 800
15. C. W. Sherwin, Associate Professor	C-A	7 500
16. Andrew Longacre, Associate Professor	C-A	7 000
17. R. J. Maurer, Associate Professor	C-B	7 000
18. J. S. Allen, Associate Professor	C-A	7 000
19. G. F. Tape, Associate Professor	C-A	7 000
20. A. O. Hanson, Associate Professor	C-A	7 000
21. R. B. Duffield, Associate Professor	C-A50	3 100
(See Chemistry)	C-A50	(3 100)
(Total Salary)		(6 200)
22. R. D. Hill, Associate Professor	C-A	6 100
23. R. F. Paton, Associate Professor	C-A	6 000
24. R. A. Becker, Assistant Professor	C-B	6 400
25. R. D. Rawcliffe, Assistant Professor	C-B	6 000
26. J. M. Blatt, Assistant Professor	C-D	5 500
27. R. I. Hulsizer, Jr., Assistant Professor	C-B	5 200
28. W. E. Meyerhof, Assistant Professor	C-B	5 200
29. Peter Axel, Assistant Professor	C-B	4 500
30. R. E. Meagher, Research Assistant Professor (Salary under Special Graduate Fund)		.....
31. D. E. Mapother, Instructor	C-D	4 500
32. C. P. Slichter, Instructor	C-D	4 300
33. J. N. Snyder, Instructor	C-D	4 200
34. ————, Instructor	C-D	4 200

[1] On leave of absence with one-half pay for first semester of 1949-1950.
[2] Retiring allowance payable by Retirement System.

35. 27.00 Part-time Assistants	C-E	64 500
36. Nonacademic Salaries	C-H	47 880
Total, Salaries		(304 980)
Wages		3 000
Total, Salaries and Wages		(307 980)
Expense and Equipment		
COLLEGE		
Expense		25 000
Equipment		3 000
Total, College		(28 000)
STATION		
Expense		10 000
Equipment		8 000
Total, Station		(18 000)
Total, Expense and Equipment		(46 000)
Total, Physics, College		$335 980
Total, Physics, Station		$ 18 000
Total, Physics		$353 980

Cooperative Investigations

Salaries and Wages

OFFICE OF NAVAL RESEARCH TASK I

1. Mrs. Gertrude S. Goldhaber, Special Research Assistant Professor	DY67	$ 3 333[1]
2. E. L. Hahn, Special Research Associate (July 1, 1949, to June 30, 1950)	GY	4 200
3. S. D. Drell, Special Research Associate	DY	4 200
4. D. E. Riesen, Special Research Assistant	DY	3 600
5. A. L. Saunders, Special Research Assistant	DY	3 600
6. F. L. Peterson, Special Research Assistant	DY	3 240
7. 7.00 Part-time Assistants	DY	22 680

Physics Betatron

Salaries and Wages		
1. D. W. Kerst, Professor	AY	$ 12 000
2. C. S. Robinson, Research Assistant Professor	BY	7 000
3. H. W. Koch, Research Assistant Professor	BY	7 000
4. G. D. Adams, Research Assistant Professor	BY	6 800
5. 3.00 Part-time Assistants	DY	9 720
6. Nonacademic Salaries	H	24 552
Total, Salaries		(67 072)
Wages		2 000
Total, Salaries and Wages		(69 072)
Expense and Equipment		
Expense		14 000
Equipment		6 000
Total, Expense and Equipment		(20 000)
Total, Physics Betatron		$ 89 072

Sewage Research

Salaries and Wages		
1. .50 Part-time Assistants	S-DY	$ 1 200
2. Nonacademic Salaries	S-H	3 240
Total, Salaries		(4 440)
Wages		1 000
Total, Salaries and Wages		(5 440)
Expense and Equipment		
Expense		860
Total, Sewage Research		$ 6 300

[1] On leave of absence without pay from July 1, 1949, to February 1, 1950.

Theoretical and Applied Mechanics

Salaries and Wages

1.	F. B. Seely, Professor and Head of Department	C-A50 S-AY50	$ 4 715 6 285
	(Total Salary)		(11 000)
2.	M. L. Enger, Professor of Mechanics and Hydraulics, *Emeritus*		.....[1]
	(See Administration)		
3.	H. F. Moore, Research Professor of Engineering Materials, *Emeritus*		.....[1]
4.	F. E. Richart, Research Professor of Engineering Materials	C-A20 S-AY80	1 450 7 750
	(Total Salary)		(9 200)
5.	T. J. Dolan, Research Professor	C-A20 S-AY80	1 340 7 160
	(Total Salary)		(8 500)
6.	H. J. Schrader, Research Professor	C-A40 S-AY60	2 400 4 800
	(Total Salary)		(7 200)
7.	J. O. Smith, Professor	C-A	7 000
8.	W. J. Putnam, Professor	C-A	6 700
9.	J. O. Draffin, Professor	C-A	6 700
10.	W. M. Lansford, Professor	C-A	6 500
11.	N. O. Myklestad, Professor	C-A	6 500
12.	H. L. Langhaar, Professor	C-A	6 500
13.	W. L. Collins, Professor	C-A	6 000
14.	W. L. Schwalbe, Professor	C-A	6 000
15.	N. E. Ensign, Professor	C-A	6 000
16.	W. N. Findley, Research Associate Professor	S-AY	6 300
17.	P. G. Jones, Associate Professor	C-A	5 500
18.	W. E. Black, Associate Professor	C-A	5 300
19.	J. F. Halsey, Research Assistant Professor of Fluid Mechanics	S-BY	5 000
20.	O. M. Sidebottom, Assistant Professor	C-B	4 800
21.	H. M. Fitch, Assistant Professor	C-B	4 750
22.	W. M. Owen, Research Assistant Professor	C-B20 S-BY80	740 3 960
	(Total Salary)		(4 700)
23.	R. L. Brown, Assistant Professor	C-B	4 550
24.	C. E. Bowman, Assistant Professor	C-B	4 200
25.	W. J. Worley, Assistant Professor	C-B	4 000
26.	C. E. Kesler, Assistant Professor	C-B	4 000
27.	W. I. Mitchell, Instructor	C-D	3 900
28.	H. T. Corten, Instructor	C-D	3 900
29.	C. E. Taylor, Instructor	C-D	3 900
30.	W. G. Murphy, Instructor	C-D	3 850
31.	W. B. Sanders, Instructor	C-D	3 850
32.	A. Q. Mowbray, Jr., Instructor	C-D	3 800
33.	A. P. Boresi, Instructor	C-D	3 600
34.	M. E. Clark, Instructor	C-D	3 500
35.	J. R. Snowden, Instructor	C-D	3 500
36.	————, Instructor	C-D	3 000
37.	————, Instructor	C-D	3 000
38.	K. S. Pister, Instructor	C-D50	2 000
39.	A. D. Topping, Instructor	C-D50	1 900
40.	K. N. Tong, Instructor	C-D50	1 800
41.	C. E. Work, Instructor	C-D50	1 800
42.	A. H. Hausrath, Instructor	C-D33	1 200

[1] Retiring allowance payable by Retirement System.

43. ————, Assistant	C-E	2 700
44. 3.00 Part-time Assistants	C-E	7 200
45. Nonacademic Salaries	C-H	16 977
	S-H	12 195
Total, Nonacademic Salaries		(29 172)
Total, Salaries, College		(181 022)
Total, Salaries, Station		(53 450)
Total, Salaries		(234 472)
Wages, College		1 000
Wages, Station		1 000
Total, Wages		(2 000)
Total, Salaries and Wages, College		(182 022)
Total, Salaries and Wages, Station		(54 450)
Total, Salaries and Wages		(236 472)
Expense and Equipment		
COLLEGE		
Expense		6 500
Equipment		8 000
Total, College		(14 500)
STATION		
Expense		3 000
Equipment		3 000
Total, Station		(6 000)
Total, Expense and Equipment		(20 500)
Total, Theoretical and Applied Mechanics, College		$196 522
Total, Theoretical and Applied Mechanics, Station		$ 60 450
Total, Theoretical and Applied Mechanics		$256 972

Cooperative Investigations

Salaries and Wages		
LEAD SHEATHING INVESTIGATION		
1. C. W. Dollins, Special Research Assistant Professor of Engineering Materials	S-DY	$ 5 700
CONCRETE SLABS INVESTIGATION		
2. ————, Special Research Assistant Professor	S-DY	4 940
3. 1.00 Part-time Assistants	S-DY	2 400
OFFICE OF NAVAL RESEARCH TASK IV		
4. ————, Special Research Associate	S-DY	4 800
5. W. J. Craig, Special Research Associate	DY	4 600
6. G. M. Sinclair, Special Research Associate	S-DY	4 200
7. 1.00 Part-time Assistants	S-DY	2 400
STEEL CAR WHEELS		
8. H. R. Wetenkamp, Special Research Associate in Engineering Materials	S-DY	4 700
DIVIDED POSITIONS		
9. R. E. Cramer, Special Research Associate Professor of Engineering Materials (50% Rails Investigation; 50% Wheel Loads, Joint Bars, and Web Stresses)	S-DY	6 800
10. R. S. Jensen, Special Research Assistant Professor of Engineering Materials (50% Wheel Loads, Joint Bars, and Web Stresses; 50% Rails Investigation)	S-DY	5 500

Research Graduate Assistantships

1. 7.00 Part-time Research Graduate Assistants	S-E	$ 16 800
Total, Research Graduate Assistantships		$ 16 800

GRADUATE COLLEGE

Summary

Instruction and Administration	*Salaries and Wages*	*Other Expense*	*Total*
Administration	$ 43 147	$ 8 000	$ 51 147
Fellowships	132 000	.....	132 000
Publications	.....	54 000	54 000
Sub-total	(175 147)	(62 000)	(237 147)
Research			
General Research	80 563	73 850	154 413
Illinois Historical Survey	1 800	3 200	5 000
Special Graduate Fund	175 378	.....	175 378
Aeromedical and Physical Environment	4 320	6 000	10 320
Sub-total	(262 061)	(83 050)	(345 111)
Total, Graduate College	$437 208	$145 050	$582 258

United States Government Contracts

Organized Research:		
Estimated New Projects and Renewals	$25 000	$10 000	$35 000

Administration

Salaries and Wages		
1. L. N. Ridenour, Dean	BY}	$ 14 300
Professor of Physics	AY}	
2. R. D. Carmichael, Dean and Professor of Mathematics, *Emeritus*		.....[1]
3. J. R. Smiley, Assistant Dean	DY50	3 500
(See French)	DY50	(3 000)
(Total Salary)		(6 500)
4. Emily S. Simmons, Assistant Dean of Graduate Women.	DY87	3 500
(See Health Service)	DY13	(500)
(Total Salary)		(4 000)
5. Helen M. Hay, Assistant to the Dean	DY	4 200
6. Nonacademic Salaries	H	16 647
Total, Salaries		(42 147)
Wages		1 000
Total, Salaries and Wages		(43 147)
Expense and Equipment		
Expense		8 000
Total, Administration		$ 51 147

Special Graduate Fund

Salaries and Wages		
1. Frederick Seitz, Professor of Physics	A	$ 11 000
2. O. H. Mowrer, Research Professor of Psychology	A	9 000
(See Institute of Communications)		
3. A. H. Taub, Research Professor of Applied Mathematics	A	9 000
4. Robert Emerson, Research Professor of Botany	AY	8 500
5. E. I. Rabinowitch, Research Professor of Botany	AY	8 500
6. R. B. Cattell, Research Professor of Psychology	A	8 200
7. R. F. Seybolt, Professor of the Humanities	AY	8 000
8. H. J. Van Cleave, Research Professor of Zoology	A	8 000
9. ————, Visiting Professor of Geography	D	8 000
10. Leonid Hurwicz, Research Professor of Economics and Mathematical Statistics	A	7 850
11. Sol Spiegelman, Research Professor of Bacteriology	A	7 500
12. R. E. Grim, Research Professor of Geology	A8	500
(See Civil Engineering)	D3	(200)
(From State Geological Survey)	DY89	(7 500)
(Total Salary)		(8 200)

[1] Retiring allowance payable by Retirement System.

13. L. R. Tehon, Professor of Plant Pathology (Without salary)	A	.....
14. Henry Quastler, Research Associate Professor of Radiobiology	AY	7 500
15. A. E. Bestor, Associate Professor of History	A	6 000
16. R. E. Meagher, Research Assistant Professor of Physics and Chief Engineer, Electronic Digital Computer	BY	8 000
17. R. S. Julian, Research Assistant Professor of Electrical Engineering	BY	6 800
18. R. F. Nystrom, Assistant Professor of Animal Nutrition and Chemistry	BY	5 500
19. David Gottlieb, Assistant Professor of Plant Pathology	BY50	2 700
(See Horticulture)	BY50	(2 700)
(Total Salary)		(5 400)
20. G. J. Goble, Research Assistant Professor of Entomology	DY	4 000
21. A. H. Freudenthal, Lecturer and Consultant in Theoretical and Applied Mechanics	DY10	1 200
(From ONR Task 4)	DY20	(2 400)
(Total Salary)		(3 600)
22. Ladislas Fuchs, Research Instructor in Mathematics	D	3 000
23. Meyer Jerison, Research Instructor in Mathematics	D	3 000
24. M. S. Nishimura, Research Assistant in Botany	DY	4 450
25. Y. H. Loo, Research Assistant in Animal Nutrition and Chemistry	DY	4 250
26. 1.50 Part-time Research Assistants	E	3 600
27. Unassigned Salaries		13 483
28. Nonacademic Salaries	H	7 845
Total, Special Graduate Fund		$175 378

Cooperative Investigations

Salaries and Wages		
ELECTRONIC DIGITAL COMPUTER —		
UNITED STATES ORDNANCE 11362		
1. A. F. Spero, Research Associate in Electrical Engineering	DY	$ 4 500
2. Theodore Shapin, Jr., Research Assistant (One year from June 16, 1949)	GY	3 360
3. M. D. Shapiro, Research Assistant (One year from July 1, 1949)	GY	3 120
OFFICE OF NAVAL RESEARCH N80 ONR 79600		
4. S. S. Dubin, Research Assistant	DY	3 500

Fellowships

Salaries and Wages	
Salaries of Fellows	$132 000
Total, Fellowships	$132 000

Publications

Expense and Equipment	
Illinois Studies (four series)	$ 12 500
Journal of English and Germanic Philology	4 000
General Publications	2 500
Scholarly Publications	35 000
Total, Publications	$ 54 000

General Research

Salaries and Wages	
Wages	$ 80 563
Expense and Equipment	
Expense	43 850
Equipment	30 000
Total, Expense and Equipment	(73 850)
Total, General Research	$154 413

Illinois Historical Survey

Salaries and Wages		
Wages		$ 1 800
Expense and Equipment		
Expense		1 800
Equipment		1 400
Total, Expense and Equipment		(3 200)
Total, Illinois Historical Survey		$ 5 000

Aeromedical and Physical Environment Laboratory

Salaries and Wages		
1. Nonacademic Salaries	H	$ 4 320
Expense and Equipment		
Expense		2 500
Equipment		3 500
Total, Expense and Equipment		(6 000)
Total, Aeromedical and Physical Environment Laboratory		$ 10 320

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Summary

	Salaries and Wages	*Other Expense*	*Total*
Administration	$ 62 198	$24 000	$ 86 198
Business Organization and Operation	339 592	.....	339 592
Economics	289 403	.....	289 403
Sub-total	(691 193)	(24 000)	(715 193)
Placement Bureau Revolving	.....	500	500
Sub-total	(691 193)	(24 500)	(715 693)
Bureau of Economic and Business Research	62 740	20 000	82 740
Business Management Service	45 360	11 000	56 360
Total, College of Commerce and Business Administration	$799 293	$55 500	$854 793

Expendable Gift and Endowment Funds

Instruction (endowment):			
Estimated New Projects and Renewals	$ 3 000	.....	$ 3 000
Organized Research (gifts):			
Estimated New Projects and Renewals	10 000	$2 000	12 000
Total, Trust Funds	$13 000	$2 000	$15 000

Administration

Salaries and Wages		
1. H. R. Bowen, Dean	BY}	$ 14 300
Professor of Economics	AY}	
2. C. M. Thompson, Dean and Professor of Economics, *Emeritus*		.....[1]
3. D. A. Borth, Associate Dean	DY60[2]	5 315
(See Business Organization and Operation)	AY40[2]	(3 685)
(Total Salary)		(9 000)
4. W. C. Robb, Assistant Dean	D25	1 437
(See Economics)	A75	(4 313)
(Total Salary)		(5 750)
5. R. I. Dickey, Assistant Dean	DY60[2]	4 200
(See Business Organization and Operation)	AY40[2]	(2 800)
(Total Salary)		(7 000)

[1] Retiring allowance payable by Retirement System.
[2] Includes half-time teaching and half-time administration during the academic year and full-time administration during the summer.

6. Janet L. Weston, Assistant Professor of Economics	BY50	2 400
(See Student Counseling Bureau)	D50	(2 400)
(Total Salary)		(4 800)
7. Nonacademic Salaries	H	33 046
Total, Salaries		(60 698)
Wages		1 500
Total, Salaries and Wages		(62 198)
Expense and Equipment		
Expense		12 000
Equipment		12 000
Total, Expense and Equipment		(24 000)
Total, Administration		$ 86 198

Business Organization and Operation

Salaries and Wages		
1. H. T. Scovill, Professor of Accountancy	A50	$ 4 840
Head of Department	AY50	5 910
(Total Salary)		(10 750)
2. Lloyd Morey, Professor of Accountancy		.....
(Salary under Business Office)		
3. E. J. Filbey, Professor, *Emeritus*		.....[1]
4. L. A. Bryan, Professor of Management		.....
(Salary under Institute of Aviation)		
5. E. P. Strong, Professor of Management		.....
(Salary under Business Management Service)		
6. ————, Professor of Management	A	9 000
7. P. D. Converse, Professor of Marketing	A75	6 000
(See Bureau of Economic and Business Research)	D25	(2 000)
(Total Salary)		(8 000)
8. C. H. Sandage, Professor of Marketing	A50	4 000
(See Journalism)	A50	(4 000)
(Total Salary)		(8 000)
9. A. C. Littleton, Professor of Accountancy	A	8 000
10. E. R. Dillavou, Professor of Business Law	A	7 750
11. H. W. Huegy, Professor of Marketing	A	7 250
12. C. F. Schlatter, Professor of Accountancy	A	7 250
13. F. A. Russell, Professor of Marketing		.....[2]
14. D. A. Borth, Professor of Accountancy	AY40[3]	3 685
(See Administration)	DY60[3]	(5 315)
(Total Salary)		(9 000)
15. H. H. Baily, Professor of Accountancy	A	6 900
16. F. H. Beach, Professor of Marketing	A	6 800
17. C. A. Moyer, Professor of Accountancy	A	6 800
18. H. L. Newcomer, Professor of Accountancy	A	6 800
19. A. G. Anderson, Professor of Management	A	6 750
20. E. L. Theiss, Associate Professor	A	6 250[4]
21. R. I. Dickey, Associate Professor of Accountancy	AY40[3]	2 800
(See Administration)	DY60[3]	(4 200)
(Total Salary)		(7 000)
22. D. J. Luck, Associate Professor of Marketing	A50	3 000
(See Bureau of Economic and Business Research)	DY50	(3 650)
(Total Salary)		(6 650)
23. C. J. Gaa, Associate Professor of Accountancy	A	6 500
24. A. C. Condon, Associate Professor of Secretarial Training	D	6 000
25. M. J. Mandeville, Associate Professor of Management	A	6 000
26. F. M. Jones, Associate Professor of Marketing	A	5 700

[1] Retiring allowance payable by Retirement System.
[2] On leave of absence without pay until further notice; disability benefits payable by Retirement System.
[3] Includes half-time teaching and half-time administration during the academic year and full-time administration during the summer.
[4] On leave of absence with pay for first semester of 1949-1950.

27.	H. G. Wales, Associate Professor of Marketing	A	5 700
28.	R. K. Mautz, Associate Professor of Accountancy	A	5 500
29.	P. C. Roberts, Associate Professor of Business Law	A	5 200
30.	S. C. Robinson, Associate Professor of Management		.....
	(Salary under University Extension)		
31.	H. M. Edwards, Assistant Professor of Management		.....
	(Salary under Business Office)		
32.	R. V. Mitchell, Assistant Professor of Marketing	B	5 700
33.	Nugent Wedding, Assistant Professor of Marketing	B	5 400
34.	C. C. Curtis, Assistant Professor of Business Law	B	5 200
35.	W. E. Thomas, Assistant Professor of Accountancy	B	4 900
36.	J. M. Carrithers, Assistant Professor of Accountancy	B	4 800
37.	N. D. Wakefield, Assistant Professor of Accountancy	B	4 700
38.	H. E. Breen, Assistant Professor of Accountancy	B	4 600
39.	R. B. Buchele, Assistant Professor of Management	D	4 500
40.	J. A. Howard, Assistant Professor of Marketing	B	4 200
41.	Mrs. Mabel R. Hagan, Assistant Professor of Secretarial Training	B33	1 320
	(See Education)	B50	(2 000)
	(See University Council on Teacher Education)	D17	(680)
	(Total Salary)		(4 000)
42.	C. C. DeLong, Assistant Professor of Accountancy		.....
	(Salary under Business Office)		
43.	H. D. Brohm, Lecturer in Management	DY75	6 000
	(See Business Management Service)	DY25	(2 000)
	(Total Salary)		(8 000)
44.	I. A. Cochrun, Lecturer in Marketing	D25	1 250
45.	Mrs. Dorothy Litherland, Instructor in Accountancy	D	4 000
46.	R. L. Patrick, Instructor in Business Law	D	3 900
47.	A. E. Marien, Instructor in Marketing	D	3 800
48.	J. D. Senger, Instructor in Management	D	3 800
49.	B. F. Kirkpatrick, Instructor in Business Law	D	3 600
50.	G. E. Martin, Instructor in Marketing	D	3 600
51.	W. O. Morris, Instructor in Business Law	D	3 600
52.	H. E. Reese, Instructor in Business Law	D	3 600
53.	————, Instructor in Marketing	D	3 600
54.	P. C. Zimmerly, Instructor in Business Law	D	3 500
55.	K. B. Berg, Instructor in Accountancy	D	3 400
56.	G. D. Brighton, Instructor in Accountancy	D	3 400
57.	A. E. Hurt, Instructor in Business Law	D	3 400
58.	Clinton Spivey, Instructor in Management	D	3 400
59.	A. H. Asay, Instructor in Accountancy	D	3 300
60.	M. A. Binkley, Instructor in Accountancy	D	3 300
61.	R. M. James, Instructor in Accountancy	D	3 300
62.	G. K. Nelson, Instructor in Accountancy	D	3 300
63.	Mildred E. Reed, Instructor in Secretarial Training	D	3 300
64.	M. N. Broussard, Instructor in Accountancy	D	3 200
65.	D. A. Henning, Instructor in Management	D	3 000
66.	W. G. Kell, Instructor in Accountancy	D	3 000
67.	F. L. Roberts, Instructor in Marketing	D75	3 000
68.	W. A. Terrill, Instructor in Accountancy	D	3 000
69.	————, Instructor in Management	D	3 000
70.	R. G. Seymour, Instructor in Marketing	D75	2 900
71.	J. O. Eaton, Instructor in Accountancy (Semester II)	G	2 000
72.	J. S. Begando, Instructor in Marketing	D50	1 900
73.	D. L. Gentry, Instructor in Marketing	D50	1 800
74.	M. L. Pye, Instructor in Accountancy	D50	1 500
75.	D. L. Shawver, Assistant in Marketing	E	2 900
76.	D. H. Skadden, Assistant in Accountancy	E	2 700
77.	————, Assistant in Management	E	2 700
78.	J. E. Carrico, Assistant in Accountancy	E	2 600
79.	Mrs. Lois T. Alles, Assistant in Marketing	E	2 500

80. ————, Assistant in Marketing	E		2 400
81. ————, Assistant	E		2 400
82. 7.50 Part-time Assistants	E		18 387
83. Nonacademic Salaries	H		4 650
Total, Business Organization and Operation			$339 592

Economics

Salaries and Wages

1. ————, Professor	A50	$	4 950
Head of Department	AY50		6 050
(Total Salary)			(11 000)
2. E. L. Bogart, Professor, *Emeritus* (From Retiring Allowances)			(3 000)
3. C. M. Thompson, Professor, *Emeritus*			.....[1]
(See Administration)			
4. Simon Litman, Professor, *Emeritus*			.....[1]
5. H. R. Bowen, Professor			.....
(Salary under Administration)			
6. V. L. Bassie, Professor			.....
(Salary under Bureau of Economic and Business Research)			
7. H. M. Gray, Professor	AY		10 000
8. W. E. Chalmers, Professor	AY40[2]		3 200
(See Institute of Labor and Industrial Relations)	AY60[2]		(4 800)
(Total Salary)			(8 000)
9. E. E. Hagen, Professor	A		8 000
10. D. P. Locklin, McKinley Professor of the Economics of Public Utilities	A		5 000
(From McKinley Professorship Fund)			(3 000)
(Total Salary)			(8 000)
11. W. A. Neiswanger, Professor	A		8 000
12. D. W. Smythe, Professor	G50		4 000
(See Institute of Communications)	G50		(4 000)
(Total Salary)			(8 000)
(Two years from September 1, 1948)			
13. P. M. VanArsdell, Professor	A50		3 375
Administrative Assistant to Head of Department	DY50		4 125
(Total Salary)			(7 500)
14. H. K. Allen, Professor	A		7 750
15. Margaret Reid, Professor	A		7 500
16. E. T. Weiler, Professor	A		7 500
17. J. F. Bell, Professor	A		7 500
18. R. H. Blodgett, Professor	A		7 500
19. Mrs. Dorothy S. Brady, Professor	A50		3 750
(See Bureau of Economic and Business Research)	D50		(3 750)
(Total Salary)			(7 500)
20. P. H. Brown, Professor	A		7 000
21. E. B. McNatt, Professor	A		7 000
22. F. E. Lee, Professor	A		.....[3]
23. D. L. Kemmerer, Professor	A		6 500
24. R. M. Nolen, Associate Professor	A		6 500
25. R. I. Mehr, Associate Professor	A		6 250
26. J. F. Due, Associate Professor	A		6 000
27. G. A. Steiner, Associate Professor	A		6 000
28. W. C. Robb, Associate Professor	A75		4 313
(See Administration)	D25		(1 437)
(Total Salary)			(5 750)

[1] Retiring allowance payable by Retirement System.
[2] One-half time in each department during academic year and full-time in Institute in summer.
[3] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

29. D. P. Flanders, Associate Professor	A	5 750
30. George Kleiner, Associate Professor	A	5 750
31. R. W. Harbeson, Associate Professor	A	5 500
32. J. L. McConnell, Associate Professor	A	5 500
33. R. W. Mayer, Associate Professor	A	5 500
34. R. C. Osborn, Associate Professor	A	5 500
35. D. W. Paden, Associate Professor	A	5 500
36. J. B. Parrish, Associate Professor	A	5 500
37. F. B. Haworth, Assistant Professor	B	5 150
38. M. W. Hogg, Assistant Professor	B	5 000
39. Grace Beckett, Assistant Professor	B	4 800
40. Seth Hammond, Assistant Professor	B	4 800
41. Janet L. Weston, Assistant Professor (Salary under Student Counseling Bureau and Administration)		.....
42. W. M. Capron, Assistant Professor	D	4 500
43. J. A. Cochran, Assistant Professor	D	4 500
44. R. H. McEvoy, Assistant Professor	B	4 500
45. E. C. Budd, Assistant Professor	D	4 500
46. Robert Campbell, Assistant Professor	D	4 500
47. P. N. Vukasin, Assistant Professor	D	4 500
48. Harriet D. Hudson, Assistant Professor	B	4 200
49. D. H. Hoover, Associate, *Emeritus*		.....[1]
50. O. C. Herfindahl, Instructor	D	4 350
51. E. T. Cammack, Instructor	D	4 000
52. H. A. Cutler, Instructor	D	4 000
53. D. B. Smith, Instructor	D	3 750
54. Mrs. Mildred Patterson, Assistant	E	2 600
55. 9.50 Part-time Assistants	E	24 700
56. Nonacademic Salaries	H	2 790
Total, Economics		$289 403

Bureau of Economic and Business Research

Salaries and Wages		
1. V. L. Bassie, Director Professor of Economics	BY} AY}	$ 10 000
2. ————, Research Professor of Economics	AY	8 500
3. P. D. Converse, Research Professor of Marketing	D25	2 000
(See Business Organization and Operation)	A75	(6 000)
(Total Salary)		(8 000)
4. Mrs. Dorothy S. Brady, Research Professor of Economics	D50	3 750
(See Economics)	A50	(3 750)
(Total Salary)		(7 500)
5. D. J. Luck, Research Associate Professor of Marketing	DY50	3 650
(See Business Organization and Operation)	A50	(3 000)
(Total Salary)		(6 650)
6. Robert Ferber, Research Assistant Professor of Economics	BY	6 400
7. Mrs. Hilda R. Stice, Research Assistant Professor of Economics	BY	4 600
8. ————, Research Assistant	DY	3 000
9. Mrs. Anne N. Gher, Research Assistant	DY	3 000
10. ————, Research Assistant	DY	2 700
11. ————, Research Assistant	DY	2 700
12. .50 Research Assistants	DY	1 500
13. Nonacademic Salaries	H	8 940
Total, Salaries		(60 740)
Wages		2 000
Total, Salaries and Wages		(62 740)
Expense and Equipment		
Expense		20 000
Total, Bureau of Economic and Business Research		$ 82 740

[1] Retiring allowance payable by Retirement System.

Cooperative Investigations

Salaries and Wages

MERRILL FOUNDATION

1. Franco Modigliani, Research Associate Professor	AY	$ 9 500
2. Mrs. Jean A. Bronfenbrenner, Research Associate	DY	5 000

Business Management Service

Salaries and Wages

1. E. P. Strong, Director Professor of Management	BY} AY}	$ 9 750
2. R. D. Loken, Professor of Management	AY	8 750
3. D. W. Belcher, Assistant Professor of Management	DY	6 000
4. J. L. Shimek, Editor, with rank of Instructor	DY	4 000
5. H. D. Brohm, Lecturer in Management	DY25	2 000
(See Business Organization and Operation)	DY75	(6 000)
(Total Salary)		(8 000)
6. H. S. Hall, Lecturer in Management	DY	6 250
7. R. L. Walston, Lecturer in Management	DY50	2 250
(See University Extension)	DY50	(2 250)
(Total Salary)		(4 500)
8. Nonacademic Salaries	H	6 360
Total, Salaries		(45 360)
Expense and Equipment		
Expense		11 000
Total, Business Management Service		$ 56 360

Placement Bureau Revolving Account

(Entire budget from receipts)

Expense and Equipment	
Expense	$ 500
Total, Placement Bureau Revolving Account	$ 500

COLLEGE OF EDUCATION

Summary

	Salaries and Wages	*Other Expense*	*Total*
Administration	$ 29 722	$ 3 450	$ 33 172
Agricultural Education	33 750	2 400	36 150
Committee on Appointment of Teachers	35 393	4 400	39 793
Education	304 460	28 950	333 410
Home Economics Education	13 219	1 750	14 969
Industrial Education	31 750	4 000	35 750
University Council on Teacher Education	51 242	3 221	54 463
University High School	88 045	7 500	95 545
Sub-total	(587 581)	(55 671)	(643 252)
Bureau of Research and Service	152 720	30 170	182 890
Evaluation Unit Revolving	7 000	6 500	13 500
Sub-total	(159 720)	(36 670)	(196 390)
Total, College of Education	$747 301	$92 341	$839 642

Administration

Salaries and Wages

1. W. B. Spalding, Dean Professor of Education	BY} AY}	$ 13 000
2. G. C. Finlay, Assistant to the Dean and Assistant Professor of Education	BY	5 300
3. Nonacademic Salaries	H	11 122
Total, Salaries		(29 422)
Wages		300
Total, Salaries and Wages		(29 722)

Expense and Equipment		
Expense		2 200
Equipment		500
Contingent		750
Total, Expense and Equipment		(3 450)
Total, Administration		$ 33 172

Agricultural Education

Salaries and Wages		
1. H. M. Hamlin, Professor	AY	$ 9 500
2. G. P. Deyoe, Professor	AY	8 500
3. A. W. Nolan, Associate Professor, *Emeritus*		.....[1]
4. J. N. Weiss, Assistant Professor	BY83	5 000
(See University Council on Teacher Education)	DY17	(1 000)
(Total Salary)		(6 000)
5. Lloyd Phipps, Assistant Professor	BY83	4 750
(See University Council on Teacher Education)	DY17	(950)
(Total Salary)		(5 700)
6. ————, Instructor	D50	2 000
(See University Council on Teacher Education)	D50	(2 000)
(Total Salary)		(4 000)
7. Nonacademic Salaries	H	3 600
Total, Salaries		(33 350)
Wages		400
Total, Salaries and Wages		(33 750)
Expense and Equipment		
Expense		2 200
Equipment		200
Total, Expense and Equipment		(2 400)
Total, Agricultural Education		$ 36 150

Committee on Appointment of Teachers

Salaries and Wages		
1. J. L. Trump, Associate Professor of Education	AY	$ 7 750
2. L. W. Williams, Secretary and Assistant Professor of Education	BY	5 500
3. ————, Assistant Professor of Education	BY	4 500
4. 1.75 Research Assistants	DY	4 900
5. Nonacademic Salaries	H	10 743
Total, Salaries		(33 393)
Wages		2 000
Total, Salaries and Wages		(35 393)
Expense and Equipment		
Expense		3 650
Equipment		750
Total, Expense and Equipment		(4 400)
Total, Committee on Appointment of Teachers		$ 39 793

Education

Salaries and Wages		
1. C. R. Griffith, Professor		.....
(Salary under Provost's Office)		
2. R. B. Browne, Professor		.....
(Salary under University Extension and Summer Session)		
3. O. F. Weber, Professor, *Emeritus*		.....[1]
4. T. E. Benner, Professor	A	$ 9 000
5. E. F. Potthoff, Professor	AY25	2 125
(See Bureau of Institutional Research)	DY75	(6 375)
(Total Salary)		(8 500)

[1] Retiring allowance payable by Retirement System.

6. E. H. Reeder, Professor	A	7 600
7. B. O. Smith, Professor	A	7 600
8. H. C. Hand, Professor	A	7 600
9. A. W. Clevenger, Professor	A	7 250
10. S. A. Kirk, Professor	A	7 150
11. K. D. Benne, Professor	A	7 100
12. R. W. Burnett, Professor	A	6 650
13. William Van Til, Professor	A	6 650
14. J. J. DeBoer, Professor	A	6 650
15. G. M. Blair, Professor	A	6 300
16. E. W. Dolch, Professor	A	6 250[1]
17. W. V. Kaulfers, Professor	A	6 300
18. C. W. Odell, Professor	A	6 000
19. F. H. Finch, Professor	A67	4 000
(See University Extension)	A33	(2 000)
(Total Salary)		(6 000)
20. L. B. Fisher, Associate Professor	AY33	2 400
(See Committee on Admissions from Secondary Schools)	AY67	(4 600)
(Total Salary)		(7 000)
21. H. D. Trimble, Associate Professor	AY	7 250
22. ———, Associate Professor	A	6 000
23. K. B. Henderson, Associate Professor	A	5 750
24. R. H. Simpson, Associate Professor	A	5 750
25. A. W. Anderson, Associate Professor	A	5 750
26. J. H. Shores, Associate Professor	A72	3 960
(See University Extension)	A28	(1 540)
(Total Salary)		(5 500)
27. F. P. Barnes, Assistant Professor	B	5 200
28. G. W. Reagan, Assistant Professor	B	5 076
29. Mrs. Nell C. B. Johnston, Assistant Professor, *Emerita*.		.....[2]
30. W. O. Stanley, Assistant Professor	B	5 000
31. R. G. Brill, Assistant Professor	D	5 000
32. W. R. Dixon, Assistant Professor	B	4 400
33. Foster McMurray, Assistant Professor	D	4 300
34. Marian O. Quinn, Instructor	D	4 500
35. G. O. Johnson, Instructor	B	4 500
36. L. V. Peterson, Instructor		.....
(Salary under University Extension)		
37. 8.50 Part-time Assistants	E	22 980
38. Nonacademic Salaries	H	14 310
Total, Salaries, General		(216 351)

SUPERVISION OF STUDENT TEACHING

39. G. D. McGrath, Associate Professor and Director of Teacher Education	AY12	906
(See University Council on Teacher Education)	DY50	(3 625)
(See University Extension)	AY38	(2 719)
(Total Salary)		(7 250)
40. H. A. Schultz, Associate Professor of Art Education	A33	1 834
(See Art)	A50	(2 750)
(See University Council on Teacher Education)	D17	(916)
(Total Salary)		(5 500)
41. Mrs. Velma K. Wilson, Associate Professor of Music Education	A25	1 312
(See Music)	A42	(2 205)
(See University Council on Teacher Education)	D33	(1 733)
(Total Salary)		(5 250)
42. M. Florence Lawson, Assistant Professor of Physical Education	B50	2 625
(See Physical Education for Women)	B50	(2 625)
(Total Salary)		(5 250)

[1] On leave of absence with one-half pay for second semester of 1949-1950.
[2] Retiring allowance payable by Retirement System.

43. Liesette J. McHarry, Assistant Professor	B83	4 316
(See University Council on Teacher Education)	D17	(884)
(Total Salary)		(5 200)
44. C. G. Knapp, Assistant Professor	B	5 000
45. W. E. Harnish, Assistant Professor	B83	4 160
(See University Council on Teacher Education)	D17	(840)
(Total Salary)		(5 000)
46. Wolfgang Kuhn, Assistant Professor	B50	2 300
(See Music)	B35	(1 550)
(See University Extension)	BY15	(750)
(Total Salary)		(4 600)
47. G. C. Kettelkamp, Assistant Professor	B	4 500
48. H. L. Mueller, Assistant Professor	B50	2 100
(See Speech)	B50	(2 100)
(Total Salary)		(4 200)
49. R. E. Pingry, Assistant Professor	B	4 000
50. Mrs. Mabel R. Hagan, Assistant Professor	B50	2 000
(See Business Organization and Operation)	B33	(1 320)
(See University Council on Teacher Education)	D17	(680)
(Total Salary)		(4 000)
51. L. E. Metcalf, Assistant Professor	D	4 200
52. E. G. Pogue, Instructor and Assistant Director of Teacher Education	D	4 600
53. D. E. Misner, Instructor	D50	2 200
(See University High School)	D50	(2 200)
(Total Salary)		(4 400)
54. D. S. Ward, Instructor	D83	3 526
(See University Council on Teacher Education)	D17	(724)
(Total Salary)		(4 250)
55. Colleen J. Kirk, Instructor	D50	2 045
(See Music)	D33	(1 350)
(See University Council on Teacher Education)	D17	(695)
(Total Salary)		(4 090)
56. R. I. Miller, Instructor	D62	2 340
(See Physical Education for Men)	D38	(1 410)
(Total Salary)		(3 750)
57. Beulah J. Drom, Instructor	D50	1 875
(See Physical Education for Women)	D50	(1 875)
(Total Salary)		(3 750)
58. Hazel Bothwell, Instructor	D50	1 500
(See Speech)	D50	(1 500)
(Total Salary)		(3 000)
59. C. W. Proehl, Instructor	D50	1 630
60. ————, Instructor (Semester II)	G50	1 000
61. Cooperating Teachers		25 000
Total, Salaries, Supervision of Student Teaching		(84 969)
Total, Salaries		(301 320)
Wages, General		3 140
Total, Salaries and Wages		(304 460)
Expense and Equipment		
Expense:		
Service Activities		2 400
High School Conference		3 500
General		8 500
Supervision of Student Teaching		7 450
Secondary School Curriculum Program		6 400
Equipment, General		700
Total, Expense and Equipment		(28 950)
Total, Education		$333 410

Home Economics Education

Salaries and Wages		
1. Letitia E. Walsh, Associate Professor	A	$ 6 250
2. Anna Belle Robinson, Assistant Professor		.....[1]
3. Mildred Moore, Instructor	D	4 164
4. ————, Instructor	D50	1 930
Total, Salaries		(12 344)
Wages		875
Total, Salaries and Wages		(13 219)
Expense and Equipment		
Expense		1 500
Equipment		250
Total, Expense and Equipment		(1 750)
Total, Home Economics Education		$ 14 969

Industrial Education

Salaries and Wages		
1. A. B. Mays, Professor	A	$ 7 500
2. A. F. Dodge, Professor	A	6 250
3. M. K. Humble, Associate Professor	A	5 700
4. J. H. Lambert, Assistant Professor	B	5 500
5. M. R. Karnes, Assistant Professor	B	5 000
6. H. H. Braucher, Associate, *Emeritus* (From Retiring Allowances)		(1 132)
7. .50 Part-time Assistants	E	1 200
Total, Salaries		(31 150)
Wages		600
Total, Salaries and Wages		(31 750)
Expense and Equipment		
Expense		3 900
Equipment		100
Total, Expense and Equipment		(4 000)
Total, Industrial Education		$ 35 750

University Council on Teacher Education

Salaries and Wages		
1. C. W. Sanford, Coordinator of Teacher Education	DY50	$ 4 375
(From State Superintendent of Public Instruction)	DY50	(4 375)
Professor of Education	AY	.....
(Total Salary)		(8 750)
2. G. D. McGrath, Assistant Coordinator of Teacher Education	DY50	3 625
(See Education)	AY12	(906)
(See University Extension)	AY38	(2 719)
(Total Salary)		(7 250)
3. G. T. Stafford, Coordinator of Health Education	D38	2 815[2]
(See University Extension)	D37	(2 810)[2]
(See Physical Education for Men)	A25	(1 875)
(Total Salary)		(7 500)
4. H. J. Fuller, Counselor	D15	930
(See Botany)	A85	(5 270)
(Total Salary)		(6 200)
5. J. N. Weiss, Counselor	DY17	1 000
(See Agricultural Education)	BY83	(5 000)
(Total Salary)		(6 000)
6. Lloyd Phipps, Counselor	DY17	950
(See Agricultural Education)	BY83	(4 750)
(Total Salary)		(5 700)

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

[2] The Kellogg Foundation will provide $1,875 of each of these amounts (total of $3,750) for 1949-1950.

7.	R. H. Johnson, Counselor	D60	3 360
	(See Physical Education for Men)	B40	(2 240)
	(Total Salary)		(5 600)
8.	Severina E. Nelson, Counselor	D20	1 100
	(See Speech)	A80	(4 400)
	(Total Salary)		(5 500)
9.	A. E. Florio, Counselor	D55	3 025
	(See Physical Education for Men)	B45	(2 475)
	(Total Salary)		(5 500)
10.	H. A. Schultz, Counselor	D17	916
	(See Education)	A33	(1 834)
	(See Art)	A50	(2 750)
	(Total Salary)		(5 500)
11.	K. A. Windesheim, Counselor	D15	795
	(See Speech)	A85	(4 505)
	(Total Salary)		(5 300)
12.	Mrs. Velma K. Wilson, Counselor	D33	1 733
	(See Education)	A25	(1 312)
	(See Music)	A42	(2 205)
	(Total Salary)		(5 250)
13.	Liesette J. McHarry, Counselor	D17	884
	(See Education)	B83	(4 316)
	(Total Salary)		(5 200)
14.	W. E. Harnish, Counselor	D17	840
	(See Education)	B83	(4 160)
	(Total Salary)		(5 000)
15.	J. S. Flores, Counselor	D15	720
	(See Spanish and Italian)	B85	(4 080)
	(Total Salary)		(4 800)
16.	J. N. Hook, Counselor	D33	1 533
	(See English)	B67	(3 067)
	(Total Salary)		(4 600)
17.	Vivian R. Nuess, Counselor	D25	1 100
	(See Mathematics)	B75	(3 300)
	(Total Salary)		(4 400)
18.	D. S. Ward, Counselor	D17	724
	(See Education)	D83	(3 526)
	(Total Salary)		(4 250)
19.	Colleen J. Kirk, Counselor	D17	695
	(See Education)	D50	(2 045)
	(See Music)	D33	(1 350)
	(Total Salary)		(4 090)
20.	Mrs. Mabel R. Hagan, Counselor	D17	680
	(See Business Organization and Operation)	B33	(1 320)
	(See Education)	B50	(2 000)
	(Total Salary)		(4 000)
21.	————, Counselor	D50	2 000
	(See Agricultural Education)	D50	(2 000)
	(Total Salary)		(4 000)
22.	R. M. Sutton, Counselor	D33	1 275
	(See History)	D67	(2 550)
	(Total Salary)		(3 825)
23.	Nancy E. Houston, Counselor	D20	760
	(See Physical Education for Women)	D80	(3 040)
	(Total Salary)		(3 800)
24.	V. W. Gillenwater, Counselor and Instructor in Education	D	3 800
25.	————, Counselor	E33	1 200
26.	————, Counselor	E33	800
27.	Unassigned Counselors	D	3 400
28.	Nonacademic Salaries	H	4 980
	Total, Salaries		(50 015)
Wages			1 227
	Total, Salaries and Wages		(51 242)

Expense and Equipment		
Expense, General		2 500
Expense, Illinois Secondary School Curriculum Program (from Educational Nonrecurring)		(8 500)
Equipment		721
Total, Expense and Equipment		(3 221)
Total, University Council on Teacher Education		$ 54 463

University High School

Salaries and Wages		
1. C. M. Allen, Principal of University High School and Assistant Professor of Education	BY	$ 6 750
2. Marjorie M. Johns, University High School Librarian.. (Salary under Library)		.....
3. ————, Assistant Professor of Education	B	4 500
4. D. E. Misner, Instructor in Education	D50	2 200
(See Education)	D50	(2 200)
(Total Salary)		(4 400)
5. A. D. Lacky, Instructor in Education	D	4 200
6. ————, Instructor in Education	D	4 100
7. Pauline E. Changnon, Instructor in Education	D	4 000
8. J. W. Hanson, Instructor in Education	D	3 850
9. Mrs. Margarete A. Cantrall, Instructor in Education	D	3 700
10. Mrs. Frances D. Wilson, Instructor in Education	D	3 500
11. Mrs. Audry Lindsey, Instructor in Education	D	3 490
12. ————, Instructor in Education	E	3 200
13. Mrs. Betty J. Owen, Instructor in Education	D	3 100
14. Sue C. Crain, Instructor in Education	D67	3 100
15. ————, Instructor in Education	D	3 000
16. Ruth M. Peters, Instructor in Home Economics Education	D50	1 625
17. G. R. Bradshaw, Assistant in Education	E	3 100
18. R. F. Seaman, Assistant in Education	E	3 100
19. C. R. Stafford, Assistant in Education	E	3 100
20. Billie R. Gill, Assistant in Education	E	3 000
21. W. L. Winnett, Assistant in Education	E	3 000
22. Hugh Allen, Jr., Assistant in Education	E	3 000
23. 2.70 Part-time Assistants	E	7 950
24. Nonacademic Salaries	H	6 480
Total, Salaries		(87 045)
Wages		1 000
Total, Salaries and Wages		(88 045)
Expense and Equipment		
Expense		5 000
Equipment		2 500
Total, Expense and Equipment		(7 500)
Total, University High School		$ 95 545

GENERAL

Bureau of Research and Service

Salaries and Wages		
1. F. G. Cornell, Director and Professor of Education	AY	$ 11 000
2. W. S. Monroe, Distinguished Professor of Education	AY	9 000
3. L. J. Cronbach, Associate Professor	AY	7 300
4. P. V. Miller, Associate Professor	AY	7 200
5. W. P. McLure, Associate Professor	AY	7 100
6. M. R. Sumption, Associate Professor	AY	6 750
7. Mrs. Celia B. Stendler, Associate Professor	AY	6 000
8. R. E. Wochner, Assistant Professor	DY	5 750
9. W. E. Martin, Assistant Professor	BY	5 500
10. N. L. Gage, Assistant Professor	BY	5 250
11. D. J. Inabnit, Instructor	DY	3 900
12. ————, Research Assistant	DY	3 000
13. J. L. Landes, Research Assistant	DY	2 800

14. 9.00 Part-time Research Assistants	DY	20 000
15. Nonacademic Salaries	H	14 280
Total, Salaries, General		(114 830)
EVALUATION UNIT		
16. J. T. Hastings, University Examiner, Technical Director of Evaluation Unit, and Associate Professor of Education	AY	6 500
17. D. R. Krathwohl, Instructor	DY	4 600
18. 2.50 Part-time Assistants	DY	7 420
19. Nonacademic Salaries	H	11 640
Total, Salaries, Evaluation Unit		(30 160)
Total, Salaries		(144 990)
Wages, General		6 880
Wages, Evaluation Unit		850
Total, Wages		(7 730)
Total, Salaries and Wages		(152 720)
Expense and Equipment		
Expense, General		20 000
Expense, Evaluation Unit		9 420
Total, Expense		(29 420)
Equipment, General		600
Equipment, Evaluation Unit		150
Total, Equipment		(750)
Total, Expense and Equipment		(30 170)
Total, Bureau of Research and Service		$182 890

Evaluation Unit Revolving Account (Entire budget from receipts)

Salaries and Wages		
1. Nonacademic Salaries	H	$ 1 740
Wages		5 260
Total, Salaries and Wages		(7 000)
Expense and Equipment		
Expense		6 500
Total, Evaluation Unit Revolving Account		$ 13 500

COLLEGE OF FINE AND APPLIED ARTS

Summary

	Salaries and Wages	*Other Expense*	*Total*
Administration	$ 22 853	$20 000	$ 42 853
Architecture	186 770	9 600	196 370
Art	155 147	5 500	160 647
Landscape Architecture	34 950	970	35 920
School of Music	256 451	37 000	293 451
Sub-total	(656 171)	(73 070)	(729 241)
Bureau of Community Planning	14 950	4 500	19 450
Total, College of Fine and Applied Arts	$671 121	$77 570	$748 691

Expendable Gift and Endowment Funds

Instruction:			
Endowment Income	$ 750	$ 250	$ 1 000
Gifts	1 500	.....	1 500
Sub-total	(2 250)	(250)	(2 500)
Organized Research (gifts):			
Estimated New Projects and Renewals	12 500	2 500	15 000
Total, Trust Funds	$14 750	$2 750	$17 500

Administration

Salaries and Wages		
1. Rexford Newcomb, Dean	BY	
Professor of the History of Architecture	AY	$ 12 000
Director of Bureau of Community Planning	DY	
2. C. E. Palmer, Associate Dean	DY50	4 750
(See Architecture)	A50	(3 750)
(Total Salary)		(8 500)
3. Nonacademic Salaries	H	5 103
Total, Salaries		(21 853)
Wages		1 000
Total, Salaries and Wages		(22 853)
Expense and Equipment		
Expense		4 000
Equipment		500
Exhibits and Lectures		5 000
Contingent		500
Special Art Project		10 000
Total, Expense and Equipment		(20 000)
Total, Administration		$ 42 853

Architecture

Salaries and Wages		
1. T. C. Bannister, Professor and Head of Department	A	$ 10 000
2. L. H. Provine, Professor, *Emeritus*		.....[1]
3. Rexford Newcomb, Professor of the History of Architecture		.....
(Salary under Administration)		
4. C. C. Briggs, Visiting Professor	A50	4 800
5. C. E. Palmer, Professor of Architectural Engineering	A50	3 750
(See Administration)	DY50	(4 750)
(Total Salary)		(8 500)
6. ————, Professor	A	8 500
7. ————, Professor	A	8 500
8. N. D. Morgan, Professor of Architectural Engineering	A	7 200
9. A. K. Laing, Professor	A	7 200
10. E. I. Love, Professor	A	6 800
11. F. M. Lescher, Professor	A	6 600
12. W. H. Scheick, Professor		.....
(Salary under Small Homes Council)		
13. O. S. Fjelde, Professor	A	6 000
14. G. S. Keith, Associate Professor	A	6 200
15. T. E. O'Donnell, Associate Professor	A	5 500
16. J. W. Wood, Associate Professor	A	5 500
17. J. E. Branch, Associate Professor	A	5 500
18. E. F. Toth, Associate Professor	A	5 500
19. D. B. Lindsay, Associate Professor	A	5 400
20. A. R. Williams, Associate Professor	A	5 200
21. F. W. Salogga, Associate Professor	A	5 200
22. R. J. Smith, Assistant Professor	B	5 000
23. F. D. Miles, Assistant Professor	B	4 750
24. R. M. Line, Assistant Professor	B	4 750
25. J. M. Barrow, Assistant Professor	B	4 400
26. W. M. Johnson, Assistant Professor	B	4 200
27. E. M. Farnham, Assistant Professor	B	4 200
28. J. A. Prestridge, Jr., Assistant Professor	B	4 200
29. J. S. Baker, Instructor	D	3 750
30. W. J. Stoutenburg, Jr., Instructor	D	3 500

[1] Retiring allowance payable by Retirement System.

31. J. B. Wallace, Instructor	D	3 250
32. J. R. McGhee, Instructor	D	3 200
33. E. Elizabeth Trainer, Instructor	D	3 000
34. 7.75 Part-time Assistants	E	18 700
35. Nonacademic Salaries	H	5 820
Total, Salaries		(186 070)
Wages		700
Total, Salaries and Wages		(186 770)
Expense and Equipment		
Expense		2 500
Fire College		100
Special Educational Projects		5 000
Equipment		2 000
Total, Expense and Equipment		(9 600)
Total, Architecture		$196 370

Cooperative Investigations

Salaries and Wages

BITUMINOUS COAL RESEARCH, ANTHRACITE, AMERICAN COAL AND COKE RESIDENTIAL INVESTIGATION

1. R. A. Jones, Research Associate Professor	DY	$ 6 600

Art

Salaries and Wages

1. A. S. Weller, Professor and Head of Department	A	$ 9 000
2. C. E. Bradbury, Professor	A	7 250
3. C. V. Donovan, Professor	A	7 250
4. F. J. Roos, Jr., Professor	A	7 000
5. ————, Professor	A	6 500
6. LaForce Bailey, Professor	A	6 200
7. J. D. Hogan, Associate Professor	A	6 000
8. J. R. Shipley, Associate Professor	A	6 000
9. H. A. Schultz, Associate Professor	A50	2 750
(See Education)	A33	(1 834)
(See University Council on Teacher Education)	D17	(916)
(Total Salary)		(5 500)
10. W. F. Doolittle, Associate Professor	A	5 500
11. J. W. Kennedy, Associate Professor	A	5 000
12. Louise M. Woodroofe, Associate Professor	A	5 000
13. C. A. Dietemann, Associate Professor	A	5 000
14. E. C. Rae, Assistant Professor	B	5 000
15. M. B. Martin, Assistant Professor	B	4 750
16. Nicholas Britsky, Assistant Professor	B	4 500
17. R. E. Hult, Assistant Professor	B	4 400
18. J. W. Raushenberger, Assistant Professor	B	4 280
19. Nicola Ziroli, Assistant Professor	B	4 280
20. R. L. Drummond, Assistant Professor	B	4 000
21. A. J. Pulos, Assistant Professor	B	4 000
22. R. E. Eckerstrom, Instructor	DY30	1 500
(See University Press)	DY70[1]	(3 500)
(Total Salary)		(5 000)
23. C. W. Briggs, Instructor	D	3 575
24. G. N. Foster, Instructor	D	3 450
25. J. H. G. Lynch, Instructor	D	3 450
26. M. A. Sprague, Instructor	D	3 300
27. ————, Instructor	D	3 200
28. Bacia R. Stepner, Instructor	D	3 000
29. 4.67 Part-time Assistants	E	11 290
30. Nonacademic Salaries	H	2 772
Total, Salaries		(149 197)
Wages		5 950
Total, Salaries and Wages		(155 147)

[1] Includes full-time service in the University Press during the summer.

Expense and Equipment		
Expense		3 500
Equipment		2 000
Total, Expense and Equipment		(5 500)
Total, Art		$160 647

Landscape Architecture

Salaries and Wages		
1. O. G. Schaffer, Professor	A60	$ 4 400
Head of Department	AY40	3 600
(Total Salary)		(8 000)
2. K. B. Lohmann, Professor of City and Regional Planning	A	7 000
3. S. H. White, Professor	A	6 750
4. Harland Bartholomew, Nonresident Professor of Civic Design	D20	1 200
5. Florence B. Robinson, Professor	A	6 000
6. D. H. Morgan, Associate Professor of Community Planning		.....
(Salary under Bureau of Community Planning)		
7. I. L. Peterson, Assistant Professor	B40	1 600
8. V. A. Hyde, Assistant Professor of Community Planning		.....
(Salary under Bureau of Community Planning)		
9. Hideo Sasaki, Instructor	D	3 300
10. Nonacademic Salaries	H50	800
Total, Salaries		(34 650)
Wages		300
Total, Salaries and Wages		(34 950)
Expense and Equipment		
Expense		670
Equipment		300
Total, Expense and Equipment		(970)
Total, Landscape Architecture		$ 35 920

School of Music

Salaries and Wages		
1. J. M. Kuypers, Director	B }	$ 10 500
Professor	A }	
2. A. A. Harding, Professor, *Emeritus*		.....[1]
3. G. F. Schwartz, Professor, *Emeritus* (from Retiring Allowances)		(1 842)
4. H. J. van den Berg, Professor, *Emeritus* (from Retiring Allowances)		(1 834)
5. D. A. Branigan, Assistant Director	BY67	5 167
Professor	A33	2 333
(Total Salary)		(7 500)
6. Paul Young, Professor	A	7 000
7. B. R. Foote, Professor	A	6 600
8. Hubert Kessler, Professor	A	6 500[2]
9. Sherman Schoonmaker, Professor	A	6 400
10. W. G. Hill, Professor	A	6 300
11. R. H. Miles, Professor	A	6 300[2]
12. Stanley Fletcher, Professor	A	6 200
13. M. H. Hindsley, Associate Professor	A33	2 250
(See University of Illinois Bands)	DY67	(5 250)
(Total Salary)		(7 500)
14. Georges Enesco, Visiting Artist (for month of April, 1950)	G	(4 000)
(Paid from Educational Nonrecurring)		
15. J. P. Painter, Associate Professor		.....
(Salary under University Extension)		
16. Burrill Phillips, Associate Professor	A	6 000

[1] Retiring allowance payable by Retirement System.
[2] On leave of absence with pay for first semester of 1949-1950.

17.	Paul Rolland, Associate Professor	A	6 000
18.	Bernard Goodman, Associate Professor	A50	5 500
	Artist in Residence	D50	
19.	H. C. C. Schmitt, Associate Professor	A50	5 500
	Artist in Residence	D50	
20.	R. H. Swenson, Associate Professor	A50	5 500
	Artist in Residence	D50	
21.	G. R. Waller, Associate Professor	A50	2 500
	(See University Extension)	AY50	(3 000)
	(Total Salary)		(5 500)
22.	Mrs. Velma K. Wilson, Associate Professor of Music Education	A42	2 205
	(See Education)	A25	(1 312)
	(See University Council on Teacher Education)	D33	(1 733)
	(Total Salary)		(5 250)
23.	LeRoy Hamp, Associate Professor	A	5 200
24.	Jane C. Watt, Associate Professor	A	5 200
25.	W. L. Roosa, Associate Professor	A	5 070
26.	Dorothy E. Bowen, Associate Professor	A	5 000
27.	King Kellogg, Associate Professor	A	5 000
28.	L. A. Potter, Jr., Associate Professor	A	5 000
29.	Edith Usry, Associate Professor	A	5 000
30.	E. H. Weigel, Associate Professor	A	5 000[1]
31.	E. D. Kisinger, Assistant Professor	B50	2 500
	(See University of Illinois Bands)	B50	(2 500)
	(Total Salary)		(5 000)
32.	J. W. Schiller, Assistant Professor	B	5 000
33.	P. S. Pettinga, Assistant Professor	B75	3 675
	(See Student Counseling Bureau)	D25	(1 225)
	(Total Salary)		(4 900)
34.	Joseph Allen, Jr., Assistant Professor	B12	480
	(See Library)	BY88	(4 320)
	(Total Salary)		(4 800)
35.	H. O. Sexton, Assistant Professor	B75	3 500
	(See University of Illinois Bands)	B25	(1 100)
	(Total Salary)		(4 600)
36.	Wolfgang Kuhn, Assistant Professor	B35	1 550
	(See University Extension)	BY15	(750)
	(See Education)	B50	(2 300)
	(Total Salary)		(4 600)
37.	J. R. Kelly, Assistant Professor	B	4 500
38.	Miriam B. Stewart, Assistant Professor	B	4 400
39.	Ludwig Zirner, Assistant Professor	B	4 400
40.	————, Assistant Professor	B50	2 200
41.	Grace E. Wilson, Assistant Professor	B	4 400[1]
42.	G. W. Binkerd, Assistant Professor	B	4 300
43.	Beth Bradley, Assistant Professor	B	4 200
44.	R. P. Commanday, Assistant Professor	B70	2 750
	(See University Extension)	BY30	(1 350)
	(Total Salary)		(4 100)
45.	T. S. Richardson, Assistant Professor (Salary under University Extension)		.....
46.	Kathryn J. Sutherlin, Associate		.....[2]
47.	Stella Percival, Instructor, *Emerita*		.....[3]
48.	M. C. Howe, Instructor	D75	3 200
	(See University of Illinois Bands)	D25	(1 050)
	(Total Salary)		(4 250)
49.	A. J. McDowell, Instructor	D75	3 175
	(See University of Illinois Bands)	D25	(1 075)
	(Total Salary)		(4 250)

[1] On leave of absence without pay for 1949-1950.
[2] On leave of absence without pay until further notice; disability benefits payable by Retirement System.
[3] Retiring allowance payable by Retirement System.

50. J. C. Garvey, Instructor	D50	
Artist in Residence	D50	4 200
51. Colleen J. Kirk, Instructor	D33	1 350
(See Education)	D50	(2 045)
(See University Council on Teacher Education)	D17	(695)
(Total Salary)		(4 090)
52. ————, Instructor	D	4 000
53. A. M. Carter, Instructor	D	3 500
54. G. H. Hunter, Instructor	D	3 500
55. L. A. Starr, Instructor	D50	1 750
(See University of Illinois Bands)	D50	(1 750)
(Total Salary)		(3 500)
56. ————, Instructor	D	3 500
57. Phyllis Edwards, Instructor	D	3 200
58. Mary Frances James, Instructor	D	3 000
59. Mrs. Bessie P. Iles, Instructor	D67	2 000
60. 2.00 Part-time Assistants	E	4 800
61. 35 Student Assistantships in University Orchestra at $50 a semester		3 500
62. Nonacademic Salaries	H	18 496
Total, Salaries		(250 251)
Wages		6 200
Total, Salaries and Wages		(256 451)
Expense and Equipment		
Expense		20 000
Equipment		17 000
Total, Expense and Equipment		(37 000)
Total, School of Music		$293 451

Bureau of Community Planning

Salaries and Wages		
1. Rexford Newcomb, Director (Salary under Administration)		.....
2. D. H. Morgan, Associate Professor of Community Planning	AY	
Community Consultant	DY	$ 6 500
3. V. A. Hyde, Assistant Professor of Community Planning	BY	4 800
4. .50 Research Assistants	E	1 200
5. Nonacademic Salaries	H	1 950
Total, Salaries		(14 450)
Wages		500
Total, Salaries and Wages		(14 950)
Expense and Equipment		
Expense		4 500
Total, Bureau of Community Planning		$ 19 450

SCHOOL OF PHYSICAL EDUCATION

Summary

	Salaries and Wages	*Other Expense*	*Total*
Administration	$ 20 135	$ 1 600	$ 21 735
Physical Education for Men	189 143	20 305	209 448
Physical Education for Women	60 395	9 880	70 275
Total, School of Physical Education	$269 673	$31 785	$301 458

Expendable Gift and Endowment Funds

Instruction (endowment):			
Estimated New Projects and Renewals	$ 500	.....	$ 500
Organized Research (gifts):			
Estimated New Projects and Renewals	3 500	.....	3 500
Total, Trust Funds	$4 000	.....	$4 000

Administration

Salaries and Wages		
1. S. C. Staley, Director	BY	$ 10 000
Professor of Physical Education for Men and Head of Department	AY	
2. M. H. Eyler, Assistant to the Director	DY50	1 800
3. Nonacademic Salaries	H	7 440
Total, Salaries		(19 240)
Wages		895
Total, Salaries and Wages		(20 135)
Expense and Equipment		
Expense		1 400
Equipment		200
Total, Expense and Equipment		(1 600)
Total, Administration		$ 21 735

Physical Education for Men

Salaries and Wages		
1. S. C. Staley, Professor and Head of Department (Salary under Administration)		.....
2. R. C. Zuppke, Professor, *Emeritus*		.....[1]
3. D. R. Mills, Professor	A12	$ 1 500
(From Athletic Association)	DY88	(13 000)
(Total Salary)		(14 500)
4. H. S. Hoyman, Professor of Health Education	A	8 500
5. T. K. Cureton, Professor	A	8 250
6. ————, Professor	D	8 000
7. G. T. Stafford, Professor	A25	1 875
(See University Council on Teacher Education)	D38	(2 815)[2]
(See University Extension)	D37	(2 810)[2]
(Total Salary)		(7 500)
8. C. O. Jackson, Professor	A	6 400
9. Raymond Eliot, Associate Professor	A15	1 500
(From Athletic Association)	DY85	(11 250)
(Total Salary)		(12 750)
10. B. A. Ingwersen, Associate Professor	A15	1 500
(From Athletic Association)	DY85	(9 000)
(Total Salary)		(10 500)
11. W. H. Roettger, Associate Professor	A20	1 500
(From Athletic Association)	DY80	(7 100)
(Total Salary)		(8 600)
12. F. E. Boys, Associate Professor of Health Education	A50	3 600
	AY50	4 400
(Total Salary)		(8 000)
13. L. T. Johnson, Assistant Professor	B15	1 080
(From Athletic Association)	DY85	(7 320)
(Total Salary)		(8 000)
14. R. E. Fletcher, Assistant Professor	B30	2 120
(From Athletic Association)	DY70	(5 880)
(Total Salary)		(8 000)
15. H. A. Combes, Assistant Professor	B15	1 000
(From Athletic Association)	DY85	(6 200)
(Total Salary)		(7 200)
16. H. E. Kenney, Assistant Professor	B	6 300
17. G. C. Law, Assistant Professor	B20	1 193
(From Athletic Association)	DY80	(4 807)
(Total Salary)		(6 000)
18. R. H. Johnson, Assistant Professor	B40	2 240
(See University Council on Teacher Education)	D60	(3 360)
(Total Salary)		(5 600)

[1] Retiring allowance payable by Retirement System and Athletic Association.

[2] The Kellogg Foundation will provide $1,875 of each of these amounts (total of $3,750) for 1949-1950.

19.	A. E. Florio, Assistant Professor	B45	2 475
	(See University Council on Teacher Education)	D55	(3 025)
	(Total Salary)		(5 500)
20.	R. E. Shelton, Assistant Professor	B	5 000
21.	A. V. Sapora, Assistant Professor	B	5 000
22.	H. C. Paterson, Assistant Professor	B	4 700
23.	————, Assistant Professor	D	4 700
24.	H. L. Gill, Associate, *Emeritus* (From Athletic Association)		(1 000)
25.	E. J. Manley, Associate	D67	3 150
	(From Athletic Association)	DY33	(1 750)
	(Total Salary)		(4 900)
26.	R. B. King, Instructor	D25	700
	(From Athletic Association)	DY75	(5 500)
	(Total Salary)		(6 200)
27.	H. J. Braun, Instructor	D50	2 128
	(From Athletic Association)	DY50	(3 272)
	(Total Salary)		(5 400)
28.	A. B. Klingel, Instructor	D28	1 300
	(From Athletic Association)	DY72	(3 900)
	(Total Salary)		(5 200)
29.	C. P. Pond, Instructor	D85	3 700
	(From Athletic Association)	DY15	(700)
	(Total Salary)		(4 400)
30.	W. J. Huffman, Instructor		.....
	(Salary under University Extension)		
31.	A. H. Seidler, Instructor	D	3 800
32.	————, Instructor	D	3 800
33.	R. I. Miller, Instructor	D38	1 410
	(See Education)	D62	(2 340)
	(Total Salary)		(3 750)
34.	M. R. Garret, Instructor	D70	2 680
	(From Athletic Association)	DY30	(1 070)
	(Total Salary)		(3 750)
35.	————, Instructor	D	3 700
36.	T. F. Buckley, Instructor	D	3 700
37.	T. F. Krizan, Instructor	D	3 500
38.	————, Instructor	D	3 500
39.	T. J. Nugent, Instructor	D50	1 750
	(See Division of Special Services for War Veterans)	D50	(1 750)
	(Total Salary)		(3 500)
40.	D. E. Latham, Instructor	D50	1 900
	(See Student Counseling Bureau)	D25	(950)
	(Total Salary)		(2 850)
41.	A. W. Hubbard, Instructor	D50	2 000
42.	B. H. Massey, Instructor	D33	1 200
43.	————, Instructor	D50	1 600
44.	————, Instructor	D33	1 200
45.	R. V. Ganslen, Instructor	D25	950
46.	J. G. Wolf, Instructor	D25	950
47.	M. C. Brewer, Assistant	E25	650
	(From Athletic Association)	DY75	(4 400)
	(Total Salary)		(5 050)
48.	C. G. Purvis, Assistant	E25	600
	(From Athletic Association)	DY75	(4 200)
	(Total Salary)		(4 800)
49.	E. H. Engel, Assistant	E25	650
	(From Athletic Association)	DY75	(3 700)
	(Total Salary)		(4 350)
50.	————, Assistant	E87	3 100
	(From Athletic Association)	DY13	(500)
	(Total Salary)		(3 600)
51.	————, Research Assistant	DY	3 600

52. W. J. Barber, Assistant	E	3 200
53. ————————, Assistant	E	3 000
54. ————————, Assistant	E	2 800
55. 5.25 Part-time Assistants	E	12 600
56. Nonacademic Salaries	H	22 992
Total, Salaries		(184 643)
Wages		4 500
Total, Salaries and Wages		(189 143)
Expense and Equipment		
Expense		17 305
Equipment		3 000
Total, Expense and Equipment		(20 305)
Total, Physical Education for Men		$209 448

Physical Education for Women

Salaries and Wages		
1. Louise Freer, Professor, *Emerita*		.....[1]
2. Laura J. Huelster, Associate Professor	A }	$ 5 500
Acting Head of Department	D }	
3. Carita Robertson, Assistant Professor	B	5 300[2]
4. M. Florence Lawson, Assistant Professor	B50	2 625
(See Education)	B50	(2 625)
(Total Salary)		(5 250)
5. Margaret Erlanger, Assistant Professor	B	4 300
6. Enid Schnauber, Assistant Professor	B	4 300
7. Nancy E. Houston, Instructor	D80	3 040
(See University Council on Teacher Education)	D20	(760)
(Total Salary)		(3 800)
8. Beulah J. Drom, Instructor	D50	1 875
(See Education)	D50	(1 875)
(Total Salary)		(3 750)
9. ————————, Instructor	D	3 750
10. Doris J. Layson, Instructor	D	3 700
11. Jo Anne Booker, Instructor	D	3 500
12. Margery Turner, Instructor	D	3 400
13. Marjorie L. Miles, Assistant	E	3 100
14. Joyce B. Baker, Assistant	E	3 000
15. 1.00 Part-time Assistants	E	2 500
16. Nonacademic Salaries	H	2 880
Total, Salaries		(52 770)
Wages		7 625
Total, Salaries and Wages		(60 395)
Expense and Equipment		
Expense		7 780
Equipment		2 100
Total, Expense and Equipment		(9 880)
Total, Physical Education for Women		$ 70 275

COLLEGE OF VETERINARY MEDICINE

Summary

	Salaries and Wages	*Other Expense*	*Total*
Administration	$ 68 445	$ 8 223	$ 76 668
Veterinary Clinical Medicine	30 000	5 000	35 000
Veterinary Anatomy and Histology	19 125	4 000	23 125
Veterinary Pathology and Hygiene	68 860	12 000	80 860
Veterinary Physiology and Pharmacology	15 650	4 500	20 150
Sub-total	(202 080)	(33 723)	(235 803)
Veterinary Clinic Revolving	.....	1 000	1 000
Total, College of Veterinary Medicine	$202 080	$34 723	$236 803

[1] Retiring allowance payable by Retirement System.
[2] On leave of absence with pay for second semester of 1949-1950.

Expendable Gift Funds

Organized Research:			
Estimated New Projects and Renewals.....	$7 500	$2 500	$10 000

Administration

Salaries and Wages		
1. Robert Graham, Dean.....	BY75	$ 7 875
Professor of Veterinary Pathology and Hygiene, and Head of Department.....	AY	.....
(See Agriculture, Veterinary Research).....	AY25	(2 625)
(Total Salary).....		(10 500)
2. N. D. Levine, Assistant to the Dean.....		.....
(Salary under Veterinary Pathology and Hygiene and Agriculture, Veterinary Research)		
3. L. E. Ashelford, Assistant Editor, with rank of Instructor	DY	3 500
4. Nonacademic Salaries.....	H	49 707
Total, Salaries.....		(61 082)
Wages		7 363
Total, Salaries and Wages.....		(68 445)
Expense and Equipment		
Expense		6 173
Equipment		1 000
Contingent		1 050
Total, Expense and Equipment.....		(8 223)
Total, Administration.....		$ 76 668

Veterinary Anatomy and Histology

Salaries and Wages		
1. L. E. St. Clair, Professor and Head of Department.....	AY75	$ 5 625
(See Agriculture, Veterinary Research).....	AY25	(1 875)
(Total Salary).....		(7 500)
2. M. S. Cover, Assistant Professor.....	BY	5 500
3. J. R. Wadsworth, Instructor.....	DY	4 000
4. Elizabeth J. Reeves, Assistant.....	DY	2 800
5. ————, Medical Illustrator.....	DY50	1 200
(See Veterinary Pathology and Hygiene).....	DY50	(1 200)
(Total Salary).....		(2 400)
Total, Salaries.....		(19 125)
Wages		.....
Total, Salaries and Wages.....		(19 125)
Expense and Equipment		
Expense		2 000
Equipment		2 000
Total, Expense and Equipment.....		(4 000)
Total, Veterinary Anatomy and Histology.....		$ 23 125

Veterinary Clinical Medicine

Salaries and Wages		
1. L. E. Boley, Professor and Head of Department.....	AY	$ 7 250
2. ————, Assistant Professor.....	BY	5 750
3. H. J. Hardenbrook, Assistant Professor.....	BY	5 500
4. R. E. Witter, Assistant Professor.....	BY	5 750
5. R. D. Hatch, Assistant Professor.....	BY	5 750
Total, Salaries.....		(30 000)
Expense and Equipment		
Expense		2 500
Equipment		2 500
Total, Expense and Equipment.....		(5 000)
Total, Veterinary Clinical Medicine.....		$ 35 000

Veterinary Clinic Revolving Account (Entire budget from receipts)

Expense and Equipment	
Expense	$ 1 000
Total, Veterinary Clinic Revolving Account.....	$ 1 000

Veterinary Pathology and Hygiene

Salaries and Wages

1. Robert Graham, Professor and Head of Department.....		.....
(Salary under Administration and Agriculture, Veterinary Research)		
2. C. C. Morrill, Professor.....	AY75	$ 6 000
(See Agriculture, Veterinary Research).....	AY25	(2 000)
(Total Salary).....		(8 000)
3. ————————, Professor of Veterinary Bacteriology....	AY	7 000
4. N. D. Levine, Associate Professor of Veterinary Parasitology	AY75	4 875
Assistant to the Dean.....	BY	.....
(See Agriculture, Veterinary Research).....	AY25	(1 625)
(Total Salary).....		(6 500)
5. J. O. Alberts, Associate Professor.....	AY75	4 690
(See Agriculture, Veterinary Research).....	AY25	(1 560)
(Total Salary).....		(6 250)
6. P. D. Beamer, Assistant Professor.....	BY90	4 950
(See Agriculture, Veterinary Research).....	BY10	(550)
(Total Salary).....		(5 500)
7. M. E. Mansfield, Assistant Professor of Veterinary Extension	BY33	1 900
(See Smith-Lever Fund).....	BY67	(3 850)
(Total Salary).....		(5 750)
8. H. S. Bryan, Assistant Professor.....	BY75	4 125
(See Agriculture, Veterinary Research).....	BY25	(1 375)
(Total Salary).....		(5 500)
9. ————————, Assistant Professor.....	BY	5 000
10. H. E. Rhoades, Assistant Professor.....	BY	4 500
11. G. T. Woods, Assistant Professor of Veterinary Extension		
(See Smith-Lever Fund).....	BY	(5 000)
12. H. F. Meyers, Instructor.....	DY	4 500
13. F. H. White, Instructor.....	DY	3 300
14. S. C. Schmittle, Instructor.....		.....
(Salary under Agriculture, Veterinary Research)		
15. J. E. Prier, Instructor.....		.....
(Salary under Agriculture, Veterinary Research)		
16. Emily L. Dorstewitz, Assistant.....	DY	3 420
17. T. D. Bair, Assistant in Veterinary Parasitology.....	DY	3 000
18. ————————, Assistant.....	DY	2 800
19. ————————, Assistant.....	DY	2 600
20. ————————, Medical Illustrator.....	DY50	1 200
(See Veterinary Anatomy).....	DY50	(1 200)
(Total Salary).....		(2 400)
21. 1.50 Part-time Assistants.....	DY	5 000
Total, Salaries.....		(68 860)

Expense and Equipment

Expense	9 500
Equipment	2 500
Total, Expense and Equipment.....	(12 000)
Total, Veterinary Pathology and Hygiene.....	$ 80 860

Veterinary Physiology and Pharmacology

Salaries and Wages

1. Jesse Sampson, Professor and Head of Department.....	AY75	$ 6 000
(See Agriculture, Veterinary Research).....	AY25	(2 000)
(Total Salary).....		(8 000)
2. Mrs. Vera H. Grace, Research Assistant Professor.....	BY32	1 450
(See Bankhead-Jones Fund).....	BY68	(3 200)
(Total Salary).....		(4 650)
3. R. P. Link, Assistant Professor.....	AY90	5 400
(See Agriculture, Veterinary Research).....	AY10	(600)
(Total Salary).....		(6 000)

4. Mrs. Winifred C. Newton, Assistant	DY	2 800
Total, Salaries		(15 650)
Expense and Equipment		
Expense		2 400
Equipment		2 100
Total, Expense and Equipment		(4 500)
Total, Veterinary Physiology and Pharmacology		$ 20 150

COLLEGE OF LAW

Salaries and Wages		
1. A. J. Harno, Dean, Professor	BY} AY}	$ 14 300
2. Frederick Green, Professor, *Emeritus* (From Retiring Allowances)		(3 000)[1]
3. O. L. McCaskill, Professor, *Emeritus*		.....
4. W. E. Britton, Professor (Salary under Legal Counsel)		.....
5. M. I. Schnebly, Professor	A	11 500
6. W. L. Summers, Professor	A	11 500
7. G. W. Goble, Professor	A	11 500[2]
8. R. N. Sullivan, Professor	A	11 000
9. E. W. Cleary, Professor	A	10 000
10. G. B. Weisiger, Professor	A	8 500
11. H. W. Holt, Professor	A	8 500
12. K. S. Carlston, Professor	A	8 500
13. A. F. Conard, Associate Professor	A	8 000
14. J. G. Thomas, Associate Professor	A33	2 300
15. J. N. Young, Assistant Professor	B	6 000
16. J. E. Cribbet, Assistant Professor	B	6 000
17. Harold Marsh, Jr., Assistant Professor	D	6 000
18. ————, Assistant Professor	D	6 000
19. Dorothy J. Kuhns, Assistant Editor, with rank of instructor	DY	3 500
20. Nonacademic Salaries	H	14 142
Total, Salaries		(147 242)
Wages		500
Total, Salaries and Wages		(147 742)
Expense and Equipment		
Expense		13 000
Equipment		1 000
Total, Expense and Equipment		(14 000)
Total, College of Law		$161 742

SCHOOL OF JOURNALISM

Salaries and Wages		
1. F. S. Siebert, Director, Professor (See Institute of Communications)	BY} AY}	$ 9 000
2. Wilbur Schramm, Research Professor (Salary under Institute of Communications)		.....
3. C. H. Sandage, Professor	A50	4 000
(See Business Organization and Operation)	A50	(4 000)
(See Institute of Communications)		.....
(Total Salary)		(8 000)
4. ————, Professor	D	7 500
5. L. W. Murphy, Professor	A	6 950
6. R. R. Barlow, Professor	A	6 730
7. O. C. Leiter, Professor, *Emeritus*		.....[1]
8. Arne Rae, Professor	A	6 000

[1] Retiring allowance payable by Retirement System.
[2] Includes service to Retirement System.

9. J. F. Wright, Associate Professor		.....
(Salary under Public Information and Radio Station)		
10. ————, Associate Professor	D50	2 800
(See Institute of Communications)	D50	(2 800)
(Total Salary)		(5 600)
11. L. W. McClure, Associate Professor	A	5 200
12. M. D. Seil, Associate Professor	A	5 200
13. F. E. Schooley, Assistant Professor	BY25	1 600
(See Radio Station)	DY60	(4 075)
(See Public Information)	DY15	(1 075)
(Total Salary)		(6 750)
14. ————, Assistant Professor	D	5 600
15. ————, Assistant Professor	D70	3 600
(From Illini Publishing Company)	D30	(1 440)
(Total Salary)		(5 040)
16. J. T. Trebilcock, Assistant Professor	B	4 800
17. D. E. Brown, Assistant Professor	B	4 800
18. Eunice Collins, Assistant Professor	B50	2 025
(See Library)	BY50	2 025
(Total Salary)		(4 500)
19. V. R. Fryburger, Jr., Assistant Professor	B	4 800
20. A. E. Strang, Instructor	D50	2 400
21. T. B. Peterson, Instructor	D	4 600
22. H. V. Cordier, Instructor	DY75	3 600
(See Radio Station)	DY25	(1 200)
(Total Salary)		(4 800)
23. F. B. Senger, Jr., Instructor	D	4 000
24. J. B. Woodson, Jr., Instructor	D	3 800
25. P. A. Spradling, Instructor	D50	1 800
(See Radio Station)	H50	(2 000)
(Total Salary)		(3 800)
26. S. W. Dunn, Instructor	D50	1 800
27. R. B. Wentworth, Instructor	D50	1 800
28. G. H. Dowler, Instructor	D	3 200
29. H. E. Hill, Instructor	D25	900
(See Radio Station)	H75	(3 250)
(Total Salary)		(4 150)
30. I. W. Cole, Assistant and Assistant to the Director	DY	3 600
31. 2.50 Part-time Assistants	E	6 000
32. Nonacademic Salaries	H	8 070
Total, Salaries		(126 175)
Wages		1 400
Total, Salaries and Wages		(127 575)
Expense and Equipment		
Expense		7 500
Equipment		2 950
Total, Expense and Equipment		(10 450)
Total, School of Journalism		$138 025

LIBRARY SCHOOL

Salaries and Wages		
1. R. B. Downs, Director of the Library and the Library School	BY	.....[1]
Professor of Library Science	AY	
2. P. L. Windsor, Director of the Library and the Library School and Professor of Library Science, *Emeritus*		.....
(Retiring allowance under Library)		
3. A. H. Lancour, Assistant Director of the Library School	BY	$ 8 000
Professor of Library Science	AY	
4. Anne M. Boyd, Professor of Library Science	A	6 000[2]
5. A. H. Trotier, Professor of Library Science		.....[1]

[1] Salary under Library.
[2] On leave of absence with pay from September 1, 1949, to February 28, 1950.

6. A. M. McAnally, Associate Professor of Library Science		.....[1]
7. Frances Simpson, Associate Professor of Library Economy and Assistant Director of the Library School, *Emerita* (From Retiring Allowances)		(1 870)
8. Ethel Bond, Associate Professor of Library Science, *Emerita*	A	.....[2]
9. ————, Associate Professor of Library Science..	A	5 440
10. Herbert Goldhor, Associate Professor of Library Science	A	5 400
11. Rose B. Phelps, Associate Professor of Library Science..	A	5 200
12. Josie B. Houchens, Associate Professor of Library Science		.....[1]
13. Willia K. Garver, Associate Professor of Library Science, *Emerita*		.....[2]
14. G. B. Brown, Associate Professor of Library Science....		.....[1]
15. L. E. Bamber, Associate Professor of Library Science...		.....[2]
16. Alice Lohrer, Assistant Professor of Library Science....	B	4 600
17. ————, Assistant Professor of Library Science..	D	4 500
18. Marie M. Hostetter, Assistant Professor of Library Science	B	4 290
19. Margaret Oldfather, Assistant Professor of Library Science		.....[1]
20. Alice S. Johnson, Assistant Professor of Library Science		.....[1]
21. Fanny Dunlap, Assistant Professor of Library Science...		.....[1]
22. Mrs. Bernita J. Davies, Assistant Professor of Library Science		.....[1]
23. D. A. Brown, Assistant Professor of Library Science....		.....[1]
24. Cerilla E. Saylor, Assistant Professor of Library Science		.....[1]
25. Hilda J. Alseth, Assistant Professor of Library Science..		.....[1]
26. Marjorie M. Johns, Assistant Professor of Library Science		.....[1]
27. Wilma Troxel, Assistant Professor of Library Science.. (Salary under Chicago Professional Library)		.....
28. D. K. Maxfield, Assistant Professor of Library Science.. (Salary under Chicago Undergraduate Library)		.....
29. Emma R. Jutton, Associate in Library Science, *Emerita*..		.....[2]
30. Donna D. Finger, Instructor in Library Science.....		.....[1]
31. Nelle M. Signor, Instructor in Library Science.....		.....[2]
32. W. S. Yenawine, Instructor in Library Science.....		.....[1]
33. Viola L. James, Instructor in Library Science.....	D50	1 900
(See University Extension).....	D50	(1 900)
(Total Salary).....		(3 800)
34. Mrs. Ruth H. Rockwood, Administrative Assistant and Instructor in Library Science.....	DY	3 400
35. .50 Research Assistants.....	DY50	1 300
36. 1.65 Part-time Assistants.....	E	4 100
37. Nonacademic Salaries.....	H	8 370
Total, Salaries.....		(62 500)
Wages		1 000
Total, Salaries and Wages.....		(63 500)
Expense and Equipment		
Expense		6 000
Equipment		1 000
Total, Expense and Equipment.....		(7 000)
Total, Library School.....		$ 70 500

SUMMER SESSION

Salaries and Wages		
1. R. B. Browne, Dean	BY30	$ 2 850
Professor of Education.....	AY	.....
(See University Extension).....	BY70	(6 650)
(Total Salary).....		(9 500)

[1] Salary under Library.
[2] Retiring allowance payable by Retirement System.

2. Academic Salaries (subject to approval of detailed list)		551 075
3. Nonacademic Salaries	H	2 280
Total, Salaries		(556 205)
Wages		1 000
Total, Salaries and Wages		(557 205)
Expense and Equipment		
Expense		7 500
Equipment		500
Total, Expense and Equipment		(8 000)
Total, Summer Session		$565 205

DIVISION OF UNIVERSITY EXTENSION

Summary

Extension and Public Service	*Salaries and Wages*	*Other Expense*	*Total*
Administration	$ 34 658	$ 4 100	$ 38 758
Extramural Courses and Conferences	129 699	54 700	184 399
Field Staff	21 600	2 500	24 100
Music Extension	24 290	14 000	38 290
Visual Aids Service	7 080	5 200	12 280
Sub-total	(217 327)	(80 500)	(297 827)
Visual Aids Revolving	25 254	20 520	45 774
Sub-total	(242 581)	(101 020)	(343 601)
Instruction			
Projection Service for University Classes	12 000	6 000	18 000
Correspondence Courses	16 596	4 500	21 096
Sub-total	(28 596)	(10 500)	(39 096)
Total, Division of University Extension	$271 177	$111 520	$382 697

Expendable Gift Funds

Extension:			
Estimated New Projects and Renewals	$ 4 000	$2 000	$ 6 000

United States Government Contracts

Extension:			
Estimated New Projects and Renewals	11 000	5 000	16 000
Total, Trust Funds	$15 000	$7 000	$22 000

Administration

Salaries and Wages		
1. R. B. Browne, Dean	BY70	$ 6 650
Professor of Education	AY	.....
(See Summer Session)	BY30	(2 850)
(Total Salary)		(9 500)
2. S. C. Robinson, Assistant Dean	DY}	6 500
Associate Professor of Management	AY}	
3. G. L. Carter, Assistant Professor of Psychology	DY	5 500
4. Nonacademic Salaries	H	11 148
Total, Salaries		(29 798)
Wages		4 860
Total, Salaries and Wages		(34 658)
Expense and Equipment		
Expense		3 500
Equipment		600
Total, Expense and Equipment		(4 100)
Total, Administration		$ 38 758

Extramural Courses and Conferences

Salaries and Wages		
1. S. B. York, Supervisor of Extramural Classes, with rank of Assistant Professor	DY	$ 5 000
2. R. K. Newton, Supervisor of Engineering Extension, with rank of Assistant Professor	DY	5 000

INSTRUCTIONAL STAFF

EDUCATION

3. F. H. Finch, Professor of Education	A33	2 000
(See Education)	A67	(4 000)
(Total Salary)	A67	(6 000)
4. G. D. McGrath, Associate Professor of Education	AY38	2 719
(See Education)	AY12	(906)
(See University Council on Teacher Education)	DY50	(3 625)
(Total Salary)		(7 250)
5. J. H. Shores, Associate Professor of Education	A28	1 540
(See Education)	A72	(3 960)
(Total Salary)		(5 500)

PHYSICAL EDUCATION

6. G. T. Stafford, Coordinator of Health Education	D37	2 810[1]
(See University Council on Teacher Education)	D38	(2 815)[1]
(See Physical Education for Men)	A25	(1 875)
(Total Salary)		(7 500)
7. W. J. Huffman, Instructor in Physical Education in Extension	DY	4 800
(See Physical Education for Men)		

LABOR AND INDUSTRIAL RELATIONS

8. P. L. Garman, Professor	AY50	4 000
(See Institute of Labor and Industrial Relations)	AY50	(4 000)
(Total Salary)		(8 000)
9. L. C. Pigage, Associate Professor	AY25	1 600
(See Institute of Labor and Industrial Relations)	AY25	(1 600)
(See Mechanical Engineering)	AY50	(3 200)
(Total Salary)		(6 400)
10. E. C. Wolfe, Associate Professor	BY50	3 100
(See Institute of Labor and Industrial Relations)	BY50	(3 100)
(Total Salary)		(6 200)
11. E. L. Phillips, Assistant Professor	DY50	2 400
(See Institute of Labor and Industrial Relations)	DY50	(2 400)
(Total Salary)		(4 800)
12. J. F. Humes, Assistant Professor	DY50	2 750
(See Institute of Labor and Industrial Relations)	DY50	(2 750)
(Total Salary)		(5 500)
13. W. B. Schaffrath, Assistant Professor	DY50	2 550
(See Institute of Labor and Industrial Relations)	DY50	(2 550)
(Total Salary)		(5 100)
14. H. L. Gammill, Assistant Professor	DY50	2 625
(See Institute of Labor and Industrial Relations)	DY50	(2 625)
(Total Salary)		(5 250)
15. J. M. Brumm, Assistant Professor	BY50	2 500
(See Institute of Labor and Industrial Relations)	BY50	(2 625)
(Total Salary)		(5 000)
16. O. H. Erickson, Assistant Professor	BY50	2 625
(See Institute of Labor and Industrial Relations)	BY50	(2 625)
(Total Salary)		(5 250)
17. J. L. Tucker, Instructor	DY50	2 000
(See Institute of Labor and Industrial Relations)	DY50	(2 000)
(Total Salary)		(4 000)
18. ———, Instructor	DY33	1 400
(See Institute of Labor and Industrial Relations)	DY67	(2 850)
(Total Salary)		(4 250)

SAFETY EDUCATION

19. G. W. Harper, Associate Professor of Safety Education and Executive Officer of Safety and Fire Protection Board	BY25	2 000
(See Mechanical Engineering)	BY75	(5 000)
(Total Salary)		(7 000)

[1] The Kellogg Foundation will provide $1,875 of each of these amounts (total of $3,750) for 1949-1950.

LIBRARY SCIENCE		
20. Viola L. James, Instructor in Library Science	D50	1 900
(See Library School)	D50	(1 900)
(Total Salary)		(3 800)
AGRICULTURE		
21. Harry Pyenson, Assistant Professor of Dairy Technology	DY	5 000
22. G. J. Edman, Assistant Professor of Dairy Technology	D	4 500
BUSINESS MANAGEMENT		
23. R. L. Walston, Lecturer in Management	DY50	2 250
(See Business Management Service)	DY50	(2 250)
(Total Salary)		(4 500)
24. Nonacademic Salaries	H	4 980
Total, Salaries		(72 049)
Wages		57 650
Total, Salaries and Wages		(129 699)
Expense and Equipment		
Expense		50 000
Equipment		4 700
Total, Expense and Equipment		(54 700)
Total, Extramural Courses and Conferences		$184 399

Field Staff

Salaries and Wages		
1. T. H. Dekker, Extension Specialist	DY	$ 4 800
2. W. V. Brown, Extension Specialist	DY	4 500
3. R. T. Osborne, Extension Specialist	DY	4 300
4. W. W. Krumsiek, Extension Specialist	DY	4 000
5. D. W. Arnold, Extension Specialist	DY	4 000
Total, Salaries		(21 600)
Expense and Equipment		
Expense		2 500
Total, Field Staff		$ 24 100

Music Extension

Salaries and Wages		
1. J. P. Painter, Associate Professor of Music, Director of Music Extension	AY, DY	$ 7 200
2. G. R. Waller, Associate Professor of Music	AY50	3 000
(See Music)	A50	(2 500)
(Total Salary)		(5 500)
3. R. P. Commanday, Assistant Professor of Music	BY30	1 350
(See Music)	B70	(2 750)
(Total Salary)		(4 100)
4. Wolfgang Kuhn, Assistant Professor of Music	BY15	750
(See Music)	B35	(1 550)
(See Education)	B50	(2 300)
(Total Salary)		(4 600)
5. T. S. Richardson, Assistant Professor of Music and Assistant to Director of Music Extension	DY	5 000
6. Nonacademic Salaries	H	6 990
Total, Salaries		(24 290)
Expense and Equipment		
Expense		10 000
Equipment		4 000
Total, Expense and Equipment		(14 000)
Total, Music Extension		$ 38 290

Visual Aids Service

Salaries and Wages		
1. L. V. Peterson, Director of Audio-Visual Aids and Instructor in Education	DY	$ 5 100
2. Nonacademic Salaries	H	1 980
Total, Salaries		(7 080)

Expense and Equipment		
Expense		1 200
Equipment		4 000
Total, Expense and Equipment		(5 200)
Total, Visual Aids Service		$ 12 280

Visual Aids Revolving Account (Entire budget from receipts)

Salaries and Wages		
1. Nonacademic Salaries	H	$ 13 494
Wages		11 760
Total, Salaries and Wages		(25 254)
Expense and Equipment		
Expense		3 600
Equipment		16 920
Total, Expense and Equipment		(20 520)
Total, Visual Aids Revolving Account		$ 45 774

Correspondence Courses

Salaries and Wages		
1. N. F. Garvey, Director of Correspondence Courses	DY75	$ 4 400
(See Political Science)	D25	(1 000)
(Total Salary)		(5 400)
2. Nonacademic Salaries	H	11 996
Total, Salaries		(16 396)
Wages		200
Total, Salaries and Wages		(16 596)
Expense and Equipment		
Expense		4 500
Total, Correspondence Courses		$ 21 096

Projection Service for University Classes

Salaries and Wages	
Wages	$ 12 000
Expense and Equipment	
Expense	4 000
Equipment	2 000
Total, Expense and Equipment	(6 000)
Total, Projection Service for University Classes	$ 18 000

ROBERT ALLERTON PARK

Summary

	Salaries and Wages	*Other Expense*	*Total*
Allerton Extension Center	$ 7 100	$ 2 500	$ 9 600
Allerton Main House Operations	13 000	12 000	25 000
Total, Robert Allerton Park	$20 100	$14 500	$34 600

Expendable Endowment Funds

Extension and Public Service:			
Robert Allerton Park	$27 000	$15 500	$42 500
Allerton Main House	.....	7 500	7 500
Total, Trust Funds	$27 000	$23 000	$50 000

Allerton Extension Center

Salaries and Wages		
1. Par Danforth, Director of Robert Allerton Park, with rank of Professor	DY50	$ 4 000[1]
(See Trust — Robert Allerton Park)	DY50	(4 000)
(Total Salary)		(8 000)[1]

[1] With room and board, valued at $480 a year, furnished for the convenience of the University.

2. Nonacademic Salaries	H	2 400
Total, Salaries		(6 400)
Wages		700
Total, Salaries and Wages		(7 100)
Expense and Equipment		
Expense		1 000
Equipment		1 500
Total, Expense and Equipment		(2 500)
Total, Allerton Extension Center		$ 9 600

Allerton Main House Operations

(Entire budget from receipts)

Salaries and Wages		
1. Nonacademic Salaries	H	$ 4 400
Wages		8 560
Total, Salaries and Wages		(13 000)
Expense and Equipment		
Expense		12 000
Total, Allerton Main House Operations		$ 25 000

Trust — Robert Allerton Park

Salaries and Wages		
1. Par Danforth, Director of Robert Allerton Park, with rank of Professor	DY50	$ 4 000[1]
(See Allerton Extension Center)	DY50	(4 000)
(Total Salary)		(8 000)[1]
2. Nonacademic Salaries	H	20 640
Total, Salaries		(24 640)
Wages		2 360
Total, Salaries and Wages		(27 000)
Expense and Equipment		
Expense		7 500
Equipment		8 000
Total, Expense and Equipment		(15 500)
Total, Trust — Robert Allerton Park		$ 42 500

Trust — Allerton Main House

Expense and Equipment		
Expense		$ 7 500
Total, Trust — Allerton Main House		$ 7 500

UNIVERSITY OF ILLINOIS BANDS

Summary

	Salaries and Wages	*Other Expense*	*Total*
University of Illinois Bands	$24 045	$7 000	$31 045
University of Illinois Bands Revolving	.....	2 500	2 500
Total, University of Illinois Bands	$24 045	$9 500	$33 545

University of Illinois Bands

Salaries and Wages		
1. M. H. Hindsley, Acting Director	DY67	$ 5 250
(See Music)	A33	(2 259)
(Total Salary)		(7 500)
2. A. A. Harding, Director and Professor of Music, *Emeritus*		.....[2]
3. E. D. Kisinger, Assistant Director	B50	2 500
(See Music)	B50	(2 500)
(Total Salary)		(5 000)

[1] With room and board, valued at $480 a year, furnished for the convenience of the University.

[2] Retiring allowance payable by Retirement System.

4. H. O. Sexton, Assistant Professor	B25	1 100
(See Music)	B75	(3 500)
(Total Salary)		(4 600)
5. A. J. McDowell, Instructor	D25	1 075
(See Music)	D75	(3 175)
(Total Salary)		(4 250)
6. M. C. Howe, Instructor	D25	1 050
(See Music)	D75	(3 200)
(Total Salary)		(4 250)
7. L. A. Starr, Instructor and Band Librarian	D50	1 750
(See Music)	D50	(1 750)
(Total Salary)		(3 500)
8. .25 Part-time Assistants	E25	600
9. Nonacademic Salaries	H	2 220
Total, Salaries		(15 545)
Wages, General		2 500
Wages, Student Assistantships and Commencement		6 000
Total, Wages		(8 500)
Total, Salaries and Wages		(24 045)
Expense and Equipment		
Expense		2 750
Equipment		4 250
Total, Expense and Equipment		(7 000)
Total, University of Illinois Bands		$ 31 045

University of Illinois Bands Revolving Account

(Entire budget from receipts)

Expense and Equipment	
Expense	$ 2 500
Total, University of Illinois Bands Revolving Account	$ 2 500

MILITARY DEPARTMENT

Summary

	Salaries and Wages	*Other Expense*	*Total*
Military	$22 536	$3 500	$26 036
Military Revolving	.....	1 200	1 200
Total, Military Department	$22 536	$4 700	$27 236

Military

Salaries and Wages		
1. H. A. Buckley, Professor of Military Science and Tactics	DY	$ 900[1]
2. T. H. Cooper, Adjutant, R.O.T.C.	DY	600[1]
3. Nonacademic Salaries	H	18 036
Total, Salaries		(19 536)
Wages		3 000
Total, Salaries and Wages		(22 536)
Expense and Equipment		
Expense		2 700
Equipment		800
Total, Expense and Equipment		(3 500)
Total, Military		$ 26 036

Military Clothing and Equipment Revolving Account

(Entire budget from receipts)

Expense and Equipment	
Expense	$ 1 200
Total, Military Clothing and Equipment Revolving Account	$ 1 200

[1] In addition to compensation from the United States Government.

NAVAL SCIENCE

Salaries and Wages		
1. P. G. Stokes, Professor and Head of Department (Without salary)	A	.....
2. W. N. Flournoy, Associate Professor (Without salary)	A	.....
3. E. J. Foote, Assistant Professor (Without salary)	G[1]	.....
4. E. J. Newbould, Assistant Professor (Without salary)	G[1]	.....
5. R. W. Parker, Assistant Professor (Without salary)	G[1]	.....
6. R. C. Knauf, Assistant Professor (Without salary)	G[1]	.....
7. J. H. Littrell, Assistant (Without salary)	G[1]	.....
8. J. B. Smith, Assistant (Without salary)	G[1]	.....
9. W. E. Fonner, Assistant (Without salary)	G[1]	.....
10. V. J. Paskus, Assistant (Without salary)	G[1]	.....
11. J. H. Newman, Assistant (Without salary)	G[1]	.....
12. Nonacademic Salaries	H	$ 2 310
Total, Salaries		(2 310)
Expense and Equipment		
Expense		1 320
Total, Naval Science		$ 3 630

INSTITUTE OF AVIATION

Summary

	Salaries and Wages	*Other Expense*	*Total*
Institute of Aviation	$188 825	$25 750	$214 575
Airport Revolving	10 000	35 000	45 000
Total, Institute of Aviation	$198 825	$60 750	$259 575

United States Government Contracts

Instruction and Departmental Research:			
Estimated New Projects and Renewals	$3 000	$1 000	$4 000

Institute of Aviation

Salaries and Wages		
1. L. A. Bryan, Director	BY}	$ 11 500
Professor of Management	AY}	
2. E. A. Cushman, Assistant to the Director and Instructor	DY	6 500
3. R. C. Maxwell, Supervising Engineer	DY	6 200
4. J. W. Stonecipher, Chief Flight Instructor	DY	5 500
5. R. W. Johnson, Instructor	DY	4 500
6. Bernice Schrader, Instructor	DY	4 500
7. G. W. McVey, Instructor	DY	4 400
8. G. A. Moseley, Instructor	DY	4 400
9. R. E. Flexman, Flight Instructor	DY	4 200
10. D. R. Pardue, Flight Instructor	DY	4 200
11. ————, Flight Instructor	DY	4 100
12. ————, Instructor	DY	4 000
13. C. A. Orum, Flight Instructor	DY	3 900
14. R. L. Ayers, Flight Instructor	DY	3 900
15. Mrs. Alice G. Schillerstrom, Assistant	DY	2 500
16. Nonacademic Salaries	H	80 772
Total, Salaries		(155 072)
Wages		33 753
Total, Salaries and Wages		(188 825)
Expense and Equipment		
Expense		21 250
Equipment		4 500
Total, Expense and Equipment		(25 750)
Total, Institute of Aviation		$214 575

[1] Until further notice.

Airport Revolving Account

(Entire budget from receipts)

Salaries and Wages	
Wages	$ 10 000
Expense and Equipment	
Expense	35 000
Total, Airport Revolving Account	$ 45 000

INSTITUTE OF COMMUNICATIONS

Summary

	Salaries and Wages	*Other Expense*	*Total*
Institute of Communications	$ 40 725	$ 8 950	$ 49 675
Radio Station	68 961	26 905	95 866
Total, Institute of Communications	$109 686	$35 855	$145 541

Institute of Communications

Salaries and Wages		
1. Wilbur Schramm, Director	DY	
Director of the University Press	DY	
Research Professor of Journalism	AY	$ 12 000
Assistant to the President	DY	
2. F. S. Siebert, Professor of Journalism		.....
(Salary under Journalism)		
3. O. H. Mowrer, Research Professor of Psychology		.....
(Salary under Special Graduate Fund)		
4. C. H. Sandage, Professor of Journalism		.....
(Salary under Journalism and Business Organization and Operation)		
5. J. W. Albig, Professor of Sociology		.....
(Salary under Sociology and Anthropology)		
6. D. W. Smythe, Research Professor	G50	4 000
(See Economics)	G50	(4 000)
(Total Salary)		(8 000)
(Two years from September 1, 1948)		
7. ————, Research Professor (Semester II)	G	4 000
8. ————, Research Associate Professor	D50	2 800
(See Journalism)	D50	(2 800)
(Total Salary)		(5 600)
9. C. E. Osgood, Research Associate Professor	B50	2 625
(See Psychology)	B50	(2 625)
(Total Salary)		(5 250)
10. Mrs. Blossom A. Marmel, Research Assistant	E	2 400
11. ————, Research Assistant	E	2 400
12. ————, Research Assistant	E	2 400
13. .50 Research Assistants	E	1 800
14. Nonacademic Salaries	H	4 300
Total, Salaries		(38 725)
Wages		2 000
Total, Salaries and Wages		(40 725)
Expense and Equipment		
General Expense		5 750
Radio Research Expense		3 200
Total, Expense and Equipment		(8 950)
Total, Institute of Communications		$ 49 675

Radio Station

Salaries and Wages		
1. J. F. Wright, Director	DY38	$ 3 200
(See Public Information)	DY62	(5 300)
(See Journalism)	A	.....
(Total Salary)		(8 500)

2. F. E. Schooley, Assistant Director	DY60	4 075
(See Public Information)	DY15	(1 075)
(See Journalism)	BY25	(1 600)
(Total Salary)		(6 750)
3. H. V. Cordier, Instructor	DY25	1 200
(See Journalism)	DY75	(3 600)
(Total Salary)		(4 800)
4. Nonacademic Salaries	H	51 386
Total, Salaries		(59 861)
Wages		9 100
Total, Salaries and Wages		(68 961)
Expense and Equipment		
Expense		22 045
Equipment		4 860
Total, Expense and Equipment		(26 905)
Total, Radio Station		$ 95 866

INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS

Salaries and Wages		
1. C. M. Kneier, Acting Director	DY8	$ 1 000
(See Political Science)	A92	(9 000)
(Total Salary)		(10 000)
2. ————, Associate Director	BY	9 000
3. ————, Research Associate	BY	7 000
4. N. G. P. Krausz, Research Assistant	DY50	2 400
(See Agricultural Economics)	DY50	(2 400)
(Total Salary)		(4 800)
5. ————, Research Assistant	DY	4 500
6. 1.00 Graduate Research Assistants	E	2 800
7. Nonacademic Salaries	H	2 031
Total, Salaries		(28 731)
Wages		500
Total, Salaries and Wages		(29 231)
Expense and Equipment		
Expense		6 000
Equipment		1 000
Total, Expense and Equipment		(7 000)
Total, Institute of Government and Public Affairs		$ 36 231

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

Salaries and Wages		
1. Phillips Bradley, Director	BY}	
Professor of Political Science	AY}	$ 11 000
2. Ross Stagner, Professor	AY50	4 000
(See Psychology)	AY50	(4 000)
(Total Salary)		(8 000)
3. W. E. Chalmers, Professor	AY60[1]	4 800
(See Economics)	AY40[1]	(3 200)
(Total Salary)		(8 000)
4. P. L. Garman, Professor	AY50	4 000
(See University Extension)	AY50	(4 000)
(Total Salary)		(8 000)
5. Milton Derber, Professor	AY	8 000
6. W. H. McPherson, Professor of Economics	A	6 000
7. L. L. McQuitty, Associate Professor	AY50	3 650
(See Psychology)	AY50	(3 650)
(Total Salary)		(7 300)

[1] One-half time in each department during academic year and full time in Institute in summer.

8. Robert Dubin, Associate Professor	AY60[1]	3 900
(See Sociology and Anthropology)	AY40[1]	(2 600)
(Total Salary)		(6 500)
9. L. C. Pigage, Associate Professor	AY25	1 600
(See University Extension)	AY25	(1 600)
(See Mechanical Engineering)	AY50	(3 200)
(Total Salary)		(6 400)
10. E. C. Wolfe, Associate Professor	BY50	3 100
(See University Extension)	BY50	(3 100)
(Total Salary)		(6 200)
11. J. F. Humes, Assistant Professor	DY50	2 750
(See University Extension)	DY50	(2 750)
(Total Salary)		(5 500)
12. R. E. McCoy, Research Assistant Professor	DY50	2 700
(See Library)	DY50	(2 700)
(Total Salary)		(5 400)
13. H. L. Gammill, Assistant Professor	DY50	2 625
(See University Extension)	DY50	(2 625)
(Total Salary)		(5 250)
14. O. H. Erickson, Assistant Professor	BY50	2 625
(See University Extension)	BY50	(2 625)
(Total Salary)		(5 250)
15. W. B. Schaffrath, Assistant Professor	DY50	2 550
(See University Extension)	DY50	(2 550)
(Total Salary)		(5 100)
16. J. M. Brumm, Assistant Professor	BY50	2 500
(See University Extension)	BY50	(2 500)
(Total Salary)		(5 000)
17. D. E. Wray, Assistant Professor	DY60[1]	2 940
(See Sociology and Anthropology)	DY40[1]	(1 960)
(Total Salary)		(4 900)
18. J. M. Edelman, Assistant Professor	DY80[2]	3 920
(See Political Science)	DY20[2]	(980)
(Total Salary)		(4 900)
19. Mrs. Margaret K. Chandler, Research Assistant Professor	DY80[2]	3 920
(See Sociology and Anthropology)	DY20[2]	(980)
(Total Salary)		(4 900)
20. E. L. Phillips, Assistant Professor	DY50	2 400
(See University Extension)	DY50	(2 400)
(Total Salary)		(4 800)
21. M. A. Horowitz, Research Associate	DY	4 900
22. B. W. Ruthven, Instructor	DY	4 400
23. ————————, Instructor	DY67	2 850
(See University Extension)	DY33	(1 400)
(Total Salary)		(4 250)
24. J. L. Tucker, Instructor	DY50	2 000
(See University Extension)	DY50	(2 000)
(Total Salary)		(4 000)
25. Thelma B. Fox, Research Assistant	DY	4 200
26. P. I. Kliger, Research Assistant	DY	4 000
27. F. W. Terrien, Research Assistant and Lecturer in Sociology	DY	3 900
28. S. B. Levine, Research Assistant	DY	3 900
29. ————————, Research Assistant	DY	3 700
30. Mrs. Betty Swoboda, Research Assistant	DY	3 000
31. ————————, Research Assistant	DY	3 000
32. ————————, Research Assistant	DY	3 000
33. 5.50 Part-time Research Assistants	E	12 100

[1] One-half time in each department during academic year and full time in Institute in summer.

[2] Three-fourths time in Institute during academic year and full time in summer; one-fourth time in other department during academic year.

34. Nonacademic Salaries	H	30 750
Total, Salaries		(164 680)
Wages		3 929
Total, Salaries and Wages		(168 609)
Expense and Equipment		
Expense		20 000
Equipment		4 000
Total, Expense and Equipment		(24 000)
Total, Institute of Labor and Industrial Relations		$192 609

SMALL HOMES COUNCIL

Summary

	Salaries and Wages	*Other Expense*	*Total*
Small Homes Council	$53 530	$ 9 172	$62 702
Small Homes Council Publication Revolving	3 750	18 470	22 220
Total, Small Homes Council	$57 280	$27 642	$84 922

United States Government Contracts

Extension:		
Estimated New Projects and Renewals	$10 000	$2 000	$12 000

Small Homes Council

Salaries and Wages		
1. W. H. Scheick, Coordinator	DY}	$ 10 000[1]
Professor of Architecture	AY}	
2. J. T. Lendrum, Associate Coordinator	DY}	7 200
Associate Professor of General Engineering Drawing	AY}	
3. W. H. Kapple, Research Assistant Professor of Architecture	DY	5 640
4. Maxine H. Kennedy, Editor, with rank of Assistant Professor	DY	4 500
5. Nonacademic Salaries	H	23 490
Total, Salaries		(50 830)
Wages		2 700
Total, Salaries and Wages		(53 530)
Expense and Equipment		
Expense		7 872
Equipment		1 300
Total, Expense and Equipment		(9 172)
Total, Small Homes Council		$ 62 702

Small Homes Council Publications Revolving Account

(Entire budget from receipts)

Salaries and Wages		
1. Nonacademic Salaries	H	$ 2 220
Wages		1 530
Total, Salaries and Wages		(3 750)
Expense and Equipment		
Expense		18 470
Total, Small Homes Council Publications Revolving Account		$ 22 220

DIVISION OF SOCIAL WELFARE ADMINISTRATION

Salaries and Wages		
1. Marietta Stevenson, Director	BY50	$ 4 550
Professor	A50	3 700
(Total Salary)		(8 250)

[1] On leave of absence without pay for 1949-1950.

2. Mrs. Florence I. Hosch, Associate Professor	A		6 200
3. W. P. Simon, Associate Professor	A		6 200
4. ————, Associate Professor	B		5 600
5. Edward Linzer, Assistant Professor	B		5 300
6. D. Katharine Rogers, Assistant Professor	B		5 000
7. Annie L. Pruitt, Assistant Professor	B		5 000
8. J. E. McDonald, Assistant Professor	B		4 800
9. Rachel B. Marks, Assistant Professor	B		4 600
10. Marjorie W. Main, Instructor	D		3 600
11. Mrs. Bernice T. Perlman, Instructor	D		3 600
12. ————, Instructor	D		3 600
13. J. B. Richmond, Lecturer	DY12		1 000
(See Medicine, Pediatrics)	AY76		(6 450)
(From Markle Foundation)	DY12		(1 000)
(Total Salary)			(8 450)
14. Four Lecturers (one semester)	G		2 200
15. 1.00 Part-time Assistants	E		2 400
16. Nonacademic Salaries	H50		900
Total, Salaries			(68 250)
Wages			2 500
Total, Salaries and Wages			(70 750)
Expense and Equipment			
Expense			3 800
Equipment			400
Total, Expense and Equipment			(4 200)
Total, Division of Social Welfare Administration			$ 74 950

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Summary

	Salaries and Wages	*Other Expense*	*Total*
Division of Special Services for War Veterans	$59 315	$ 8 000	$ 67 315
Nursery School	37 690	3 775	41 465
Total, Division of Special Services for War Veterans	$97 005	$11 775	$108 780

Division of Special Services for War Veterans

Salaries and Wages		
1. R. G. Bone, Director	DY50	$ 4 000
(See Division of General Studies)	DY50	(4 000)
(Total Salary)		(8 000)
2. F. A. Bridgewater, Assistant Director	DY	5 500
3. E. T. Sanford, Assistant Director	DY	5 000
4. Mrs. Walleah McArthur, Director of Welfare for Married Veterans	DY	3 500
5. T. J. Nugent, Counselor	D50	1 750
(See Physical Education for Men)	D50	(1 750)
(Total Salary)		(3 500)
6. W. G. Warrington, Special Teacher for War Veterans in University High School	E33	800
7. G. J. Torhan, Counselor	DY50	1 510
8. A. E. Overaker, Claims Assistant	DY50	1 510
9. C. D. Orphan, Counselor	DY50	1 400
10. ————, Counselor	DY50	1 200
11. Nonacademic Salaries	H	19 833
Total, Salaries		(46 003)
Wages		13 312
Total, Salaries and Wages		(59 315)

Expense and Equipment		
Expense		7 000
Equipment		1 000
Total, Expense and Equipment		(8 000)
Total, Division of Special Services for War Veterans		$ 67 315

Nursery School

Salaries and Wages		
1. Janet Smith, Director	DY	$ 5 600
2. Theresa J. Peterson, Instructor	D	3 825
3. Jean DeLaney, Instructor	D	3 400
4. Mrs. Esther Black, Instructor	D	3 325
5. Cornelia L. Clary, Instructor	D	3 300
6. Betty J. Ashworth, Assistant Teacher	D	2 700
7. Patricia K. Faist, Assistant Teacher	D	2 500
8. Dorothy E. Stabnow, Assistant Teacher	D	2 500
9. Evelyn L. Fuller, Assistant Teacher	D	2 500
10. Marion E. Compton, Nurse	DY	3 200
11. Nonacademic Salaries	H	1 740
Total, Salaries		(34 590)
Wages		3 100
Total, Salaries and Wages		(37 690)
Expense and Equipment		
Expense		2 275
Equipment		1 500
Total, Expense and Equipment		(3 775)
Total, Nursery School		$ 41 465

LIBRARY

Administration

Salaries and Wages		
1. R. B. Downs, Director of the Library and the Library School Professor of Library Science	BY} AY}	$ 11 500
2. P. L. Windsor, Director of the Library and the Library School, and Professor of Library Science, *Emeritus* (From Retiring Allowances)		(3 380)
3. A. H. Trotier, Assistant Director for Technical Departments Professor of Library Science	BY} AY}	7 800
4. A. M. McAnally, Assistant Director for Public Service Departments Associate Professor of Library Science	BY} AY}	7 000
5. Josie B. Houchens, Assistant University Librarian for Personnel Associate Professor of Library Science	BY} AY}	6 600
6. Mary Lois Bull, Library Administrative Assistant, with rank of Assistant Professor	BY	5 400
7. Nonacademic Salaries	H	12 510
Total, Salaries		(50 810)
8. Wages		2 450
Total, Administration		(53 260)

Technical

ACQUISITIONS		
9. Willia K. Garver, Assistant University Librarian for Acquisitions and Associate Professor of Library Science, *Emerita*		.....[1]
10. G. B. Brown, Acquisition Librarian and Associate Professor of Library Science	AY	$ 5 900

[1] Retiring allowance payable by Retirement System.

11. Helen M. Welch, Assistant Acquisition Librarian, with rank of Assistant Professor	BY	4 500
PURCHASE DIVISION		
12. Alma DeJordy, Consultant in Bibliography, with rank of Instructor	DY	4 000
13. Anne Marinelli, Bibliographer, with rank of Instructor	DY	3 900
14. Mary L. Hinton, Bibliographer, with rank of Instructor	DY	3 600
15. R. K. Johnson, Bibliographer, with rank of Instructor	DY	3 500
16. Evelyn M. Rogier, Bibliographer, with rank of Instructor	DY	3 500
17. Elizabeth P. Knowles, Bibliographer, with rank of Instructor	DY	3 000
18. E. J. Linkhart, Acquisition Assistant	DY	3 400
19. Ruby V. Martz, Acquisition Assistant	DY	3 200
20. R. W. Frantz, Acquisition Assistant	DY	3 000
SPECIAL COLLECTIONS DIVISION		
21. Alice J. Appell, Bibliographer, with rank of Instructor	DY	3 500
GIFT AND EXCHANGE DIVISION		
22. Kathleen M. Ruckman, Gift and Exchange Librarian, with rank of Instructor	DY	3 900
23. Maurine Collins, Exchange Reviser, with rank of Instructor	DY	3 750
24. E. A. Forrest, Jr., Documents Assistant, with rank of Instructor	DY	3 500
25. Mary Roberts, Exchange Assistant	DY	3 200
26. ————, Exchange Assistant	DY	3 000
27. ————, Exchange Assistant	DY	3 000
PERIODICAL DIVISION		
28. Mrs. Lucy K. Rumble, Periodical Librarian, with rank of Instructor	DY	3 900
29. Mrs. Frances P. Saunders, Periodical Assistant	DY	3 100
30. Mrs. Sally T. Burg, Periodical Assistant	DY	3 100
31. 3.00 Part-time Assistants	DY	8 400
32. Nonacademic Salaries	H	33 174
Total, Salaries, Acquisitions		(117 024)
BINDING		
33. Mrs. Avis A. Ball, Binding Librarian, with rank of Instructor	DY	4 000
34. Margaret J. Lokke, Assistant Binding Librarian, with rank of Instructor	DY	3 750
35. Mrs. Naomi C. Ellis, Binding Assistant	DY	3 000
36. Nonacademic Salaries	H	7 860
Total, Salaries, Binding		(18 610)
CATALOG		
37. Margaret Oldfather, Catalog Librarian and Assistant Professor of Library Science	BY	5 300
38. Eleanor M. Robertson, Assistant Catalog Librarian, with rank of Assistant Professor, *Emerita*		.....[1]
39. Marian Harman, Assistant Catalog Librarian, with rank of Assistant Professor	BY	4 800
40. Esther W. Anell, Chief Serial Reviser, with rank of Assistant Professor	BY	4 500
41. Cleo Lichtenberger, Catalog Reviser, with rank of Assistant Professor	BY	4 500
42. C. U. Faye, Bibliographic Consultant and Cataloger, with rank of Assistant Professor	BY	4 500
43. Mrs. Katherine M. Wheeler, Catalog Reviser, with rank of Assistant Professor, *Emerita*		.....[1]
44. ————, Catalog Reviser, with rank of Instructor	DY	4 150
45. Rebecca Briggs, Serial Reviser, with rank of Instructor	DY	4 100

[1] Retiring allowance payable by Retirement System.

46.	R. L. Talmadge, Cataloger, with rank of Instructor	DY	3 800
47.	May Smith, Serial Cataloger, with rank of Instructor	DY	3 750
48.	Edith C. Jones, Cataloger and Classics Librarian, with rank of Instructor	DY	3 750
49.	Clarissa O. Lewis, Cataloger, with rank of Instructor	DY	3 750
50.	Edith M. Marshall, Cataloger, with rank of Instructor	DY	3 750
51.	Mrs. Janet B. Munnis, Cataloger, with rank of Instructor	DY	3 750
52.	Floweree Heckert, Cataloger, with rank of Instructor	DY	3 750
53.	Louise F. Lodge, Cataloger, with rank of Instructor	DY	3 750
54.	Alice L. Boyd, Cataloger, with rank of Instructor	DY	3 600
55.	Georgia R. Coffin, Cataloger and Rare Book Room Assistant, with rank of Instructor	DY	3 600
56.	James Ranz, Bibliographer, with rank of Instructor	DY	3 600
57.	Elizabeth R. Bantz, Serial Cataloger, with rank of Instructor	DY	3 600
58.	Meta M. Sexton, Cataloger, with rank of Instructor	DY	3 500
59.	Mrs. Lellia S. McLaughlin, Card Division Librarian, with rank of Instructor	DY	3 500
60.	Irma L. Swank, Serial Cataloger, with rank of Instructor	DY	3 500
61.	Alice M. Cooper, Serial Cataloger, with rank of Instructor	DY	3 500
62.	————, Catalog Assistant	DY	3 500
63.	Ruth M. Protzman, Catalog Assistant	DY	3 330
64.	Lorene Pouncey, Catalog Assistant	DY	3 330
65.	Jean Atchison, Catalog Assistant	DY	3 200
66.	Dorothy M. Short, Catalog Assistant	DY	3 000
67.	Emily M. Richards, Catalog Assistant	DY	3 000
68.	————, Catalog Assistant	DY	3 000
69.	.75 Part-time Assistants	DY	1 950
70.	Nonacademic Salaries	H	38 634
	Total, Salaries, Catalog		(153 444)
PHOTOGRAPHIC REPRODUCTION LABORATORY			
71.	————, Photographic Reproduction Laboratory Assistant	DY50	1 500
72.	Nonacademic Salaries	H	3 600
	Total, Salaries, Photographic Reproduction Laboratory		(5 100)
	Total, Salaries, Technical Departments		(294 178)
73.	Wages: Acquisitions $1,370; Binding $5,000; Catalog $4,530; Photographic Reproduction Laboratory $390		11 290
	Total, Technical Departments		(305 468)
	Public Service		
CIRCULATION			
74.	W. S. Yenawine, Circulation Librarian and Instructor in Library Science	DY	$ 5 600
75.	Emma R. Jutton, Circulation Librarian and Associate in Library Science, *Emerita*		.....[1]
76.	Helen T. Stewart, Assistant Circulation Librarian, with rank of Instructor	DY	4 300
77.	Cecilia McCarthy, Extension Loans Librarian, with rank of Instructor	DY	3 600
78.	Cecelia M. Kingsley, Circulation Assistant, with rank of Instructor	DY	3 500
79.	Mrs. Ancilla T. Bower, Circulation Assistant	DY	3 500
80.	————, Circulation Assistant	DY	3 300
81.	————, Circulation Assistant	DY	3 000
82.	E. A. Holtman, Bookstacks Librarian, with rank of Instructor	DY	4 000
83.	1.50 Part-time Assistants	DY	3 900

[1] Retiring allowance payable by Retirement System.

84.	Nonacademic Salaries	H	23 292
	Total, Salaries, Circulation		(57 992)
DEPARTMENTAL LIBRARIES			
85.	L. E. Bamber, Natural History Librarian and Associate Professor of Library Science	AY	6 000
86.	Sara Graham, Natural History Library Assistant	DY	3 660
87.	D. A. Brown, Agriculture Librarian and Assistant Professor of Library Science	BY	4 600
88.	Helen F. Kuhns, Agriculture Library Assistant	DY	3 250[1]
89.	Nelle M. Signor, History and Political Science Librarian and Instructor in Library Science	DY	4 200
90.	Fina C. Ott, Commerce and Sociology Librarian, with rank of Instructor	DY	3 600
91.	Mrs. Helen U. Curtis, Commerce and Sociology Library Assistant	DY	3 150
92.	Hilda J. Alseth, Engineering Librarian and Assistant Professor of Library Science	BY	4 800
93.	———, Engineering Library Assistant	DY	3 000
94.	Mrs. Evalyn R. Nelson, Education, Philosophy, and Psychology Librarian, with rank of Instructor	DY	4 350
95.	Ida F. Tod, Education, Philosophy, and Psychology Librarian, *Emerita*		.....[2]
96.	Alice M. Martin, Education, Philosophy, and Psychology Library Assistant	DY	3 300
97.	Florence M. Harding, Germanic and Romance Languages Librarian, with rank of Instructor	DY	3 800
98.	Cerilla E. Saylor, Architecture Librarian and Assistant Professor of Library Science	BY	4 600
99.	Helen M. Reynolds, Architecture Library Assistant, with rank of Instructor	DY	3 900
100.	Mrs. Mary A. Vance, Architecture Library Assistant, with rank of Instructor	DY	3 600
101.	Mrs. Cecily R. McNeil, Architecture Library Assistant	DY	3 100
102.	Mrs. Bernita J. Davies, Law Librarian and Assistant Professor of Library Science	BY	4 800
103.	Lois L. Crissey, Law Library Assistant	DY	3 400
104.	E. S. Warrick, Mathematics Librarian, with rank of Instructor	DY	3 600
105.	Eva F. Benton, English Librarian, with rank of Instructor	DY	3 600
106.	Ruth T. Power, Chemistry Librarian, with rank of Instructor	DY	4 000
107.	———, Chemistry Library Assistant	DY50	1 500
108.	Eunice Collins, Journalism Librarian and Assistant Professor of Journalism	BY50	2 475
	(See Journalism)	B50	(2 025)
	(Total Salary)		(4 500)
109.	Virginia A. Berg, Journalism Library Assistant	DY	3 300
110.	Edith C. Jones, Cataloger and Classics Librarian, with rank of Instructor (Salary under Catalog Department)		.....
111.	Isabelle F. Grant, Rare Book Room Librarian, with rank of Instructor	DY	4 200
112.	Sylvia C. Gilmore, Browsing Room Librarian, with rank of Instructor	DY	3 500
113.	Mrs. Betty J. Fawver, Illini Union Browsing Room Librarian, with rank of Assistant	DY	3 200
114.	Donna D. Finger, Library School Librarian and Instructor in Library Science	DY	4 150

[1] On leave of absence without pay from September 1 to October 31, 1949.
[2] Retiring allowance payable by Retirement System.

115. ————, Library School Library Assistant	DY	3 000
116. I. E. Ratcliffe, Librarian in Undergraduate Library, with rank of Instructor	DY	4 000
117. Bette J. Patterson, Reference Librarian in Undergraduate Library, with rank of Instructor	DY	3 660
118. Eleanor Blum, Reference Librarian in Undergraduate Library, with rank of Instructor	DY	3 300
119. Mrs. Theo Nelson, Physical Education Librarian, with rank of Instructor	DY	3 500
120. Marjorie M. Johns, University High School Librarian and Assistant Professor of Library Science	BY	4 800
121. Joseph Allen, Jr., Music Librarian and Assistant Professor in Music	BY88	4 320
(See Music)	B12	(480)
(Total Salary)		(4 800)
122. Virginia Shirley, Music Library Assistant	DY	3 100
123. B. M. Woods, Map Librarian	DY	3 250
124. Icko Iben, Newspaper Librarian and Archivist, with rank of Instructor	DY	4 200
125. R. E. McCoy, Reference Librarian in Institute of Labor and Industrial Relations, with rank of Assistant Professor	DY50	2 700
(See Institute of Labor and Industrial Relations)	DY50	(2 700)
(Total Salary)		(5 400)
126. 2.25 Part-time Assistants	DY	5 850
127. Nonacademic Salaries	H	27 390
Total, Salaries, Departmental Libraries		(177 705)
REFERENCE		
128. Alice S. Johnson, Reference Librarian and Assistant Professor of Library Science	BY	5 300
129. Fanny Dunlap, Reference Librarian and Assistant Professor of Library Science	BY	5 300
130. Dorothy M. Black, Associate Reference Librarian, with rank of Assistant Professor	BY	4 800
131. Martha L. Hackman, Assistant Reference Librarian, with rank of Instructor	DY	3 800
132. ————, Assistant Reference Librarian, with rank of Instructor	DY	3 800
133. Barbara Bitting, Assistant Reference Librarian, with rank of Instructor	DY	3 750
134. Ida F. Robertson, Reference Assistant, with rank of Instructor	DY	3 600
135. .50 Part-time Assistants	DY50	1 500
Total, Salaries, Reference		(31 850)
Total, Salaries, Public Service Departments		(267 547)
136. Wages: Circulation $22,910; Departmental Libraries $33,613; Reference $1,300		57 823
Total, Public Service Departments		(325 370)
Total, Salaries, Urbana Libraries		(612 535)
Total, Wages, Urbana Libraries		(71 563)
Total, Salaries and Wages, Urbana Libraries		(684 098)
Expense and Equipment		
Expense		28 000
Equipment		8 210
Library Additions:		
Law		20 000
General		222 000
Total, Expense and Equipment		(278 210)
Total, Urbana Libraries		$962 308

PHYSICAL PLANT DEPARTMENT

Summary

Operation and Maintenance	*Salaries and Wages*	*Other Expense*	*Total*
Administration	$101 164	$20 000	$121 164
Operation			
Building Operation	642 338	68 250	710 588
Fire Prevention and Safety	83 243	14 191	97 434
Police and Watchmen	85 827	6 675	92 502
Total, Operation	(811 408)	(89 116)	(900 524)
Maintenance			
Building Maintenance	313 993	324 892	638 885
General Maintenance	120 049	28 090	148 139
Grounds	108 538	30 349	138 887
Trucks and Cars	70 221	38 572	108 793
Total, Maintenance	(612 801)	(421 903)	(1 034 704)
Utilities			
Heat, Light, and Power	311 351	279 235	590 586
Water Station	37 096	25 267	62 363
Total, Utilities	(348 447)	(304 502)	(652 949)
Total, Operation and Maintenance	(1 873 820)	(835 521)	(2 709 341)
Debt Service and Other Items			
Illini Union Building	.....	92 858	92 858[1]
Residence Halls	.....	6 241	6 241
Prevailing Wage Rate Increases	240 971	.....	240 971
Minor Improvements	.....	100 000	100 000
Total, Debt Service and Other Items	(240 971)	(199 099)	(440 070)
Total, Physical Plant Department	$2 114 791	$1 034 620	$3 149 411
Expendable Gift and Endowment Funds			
Estimated New Projects and Renewals:			
Endowment Income	.....	$ 125	$ 125
Gifts	.....	25 000	25 000
Sub-total	.....	(25 125)	(25 125)
United States Government Contracts			
Estimated New Projects and Renewals	.....	20 000	20 000
Total, Trust Funds	.....	$45 125	$45 125

Administration

Salaries and Wages			
1. C. S. Havens, Director	DY		$ 10 000
2. John Doak, Superintendent of Buildings and Grounds	DY		9 000
3. E. L. Stouffer, Architect	DY		9 000
4. Nonacademic Salaries	H		68 664
Total, Salaries			(96 664)
Wages			4 500
Total, Salaries and Wages			(101 164)
Expense and Equipment			
Expense			14 400
Renewals, Replacements, and Equipment			5 600
Total, Expense and Equipment			(20 000)
Total, Administration			$121 164

Building Operation

Salaries and Wages			
1. Nonacademic Salaries	H		$ 10 794
Wages			631 544
Total, Salaries and Wages			(642 338)

[1] Included also in estimated expenditures for Illini Union Building, Urbana, under Auxiliary Enterprises.

Expense and Equipment		
Expense		66 750
Renewals, Replacements, and Equipment		1 500
Total, Expense and Equipment		(68 250)
Total, Building Operation		$710 588

Fire Prevention and Safety

Salaries and Wages		
1. Nonacademic Salaries	H	$ 4 240
Wages		79 003
Total, Salaries and Wages		(83 243)
Expense and Equipment		
Expense		12 191
Renewals, Replacements, and Equipment		2 000
Total, Expense and Equipment		(14 191)
Total, Fire Prevention and Safety		$ 97 434

Police and Watchmen

Salaries and Wages		
1. Nonacademic Salaries	H	$ 4 200
Wages		81 627
Total, Salaries and Wages		(85 827)
Expense and Equipment		
Expense		4 475
Renewals, Replacements, and Equipment		2 200
Total, Expense and Equipment		(6 675)
Total, Police and Watchmen		$ 92 502

Building Maintenance

Salaries and Wages		
1. Nonacademic Salaries	H	$ 17 916
Wages		296 077
Total, Salaries and Wages		(313 993)
Expense and Equipment		
Expense		90 100
Renewals, Replacements, and Equipment		234 792
Total, Expense and Equipment		(324 892)
Total, Building Maintenance		$638 885

General Maintenance

Salaries and Wages		
1. Nonacademic Salaries	H	$ 13 554
Wages		106 495
Total, Salaries and Wages		(120 049)
Expense and Equipment		
Expense		21 090
Renewals, Replacements, and Equipment		7 000
Total, Expense and Equipment		(28 090)
Total, General Maintenance		$148 139

Grounds

Salaries and Wages		
1. Nonacademic Salaries	H	$ 7 116
Wages		101 422
Total, Salaries and Wages		(108 538)
Expense and Equipment		
Expense		11 249
Renewals, Replacements, and Equipment		19 100
Total, Expense and Equipment		(30 349)
Total, Grounds		$138 887

Trucks and Cars

Salaries and Wages		
1. Nonacademic Salaries	H	$ 2 508
Wages		67 713
Total, Salaries and Wages		(70 221)
Expense and Equipment		
Expense		16 072
Renewals, Replacements, and Equipment		22 500
Total, Expense and Equipment		(38 572)
Total, Trucks and Cars		$108 793

Heat, Light, and Power

Salaries and Wages		
1. Nonacademic Salaries	H	$ 23 604
Wages		287 747
Total, Salaries and Wages		(311 351)
Expense and Equipment		
Expense		239 835
Renewals, Replacements, and Equipment		39 400
Total, Expense and Equipment		(279 235)
Total, Heat, Light, and Power		$590 586

Water Station

Salaries and Wages		
1. Nonacademic Salaries	H	$ 4 160
Wages		32 936
Total, Salaries and Wages		(37 096)
Expense and Equipment		
Expense		18 967
Renewals, Replacements, and Equipment		6 300
Total, Expense and Equipment		(25 267)
Total, Water Station		$ 62 363

Debt Service and Other Special Items

ILLINI UNION BUILDING	
Expense and Equipment	
Operation — Exemptions from Student Building Service Charge (graduate and undergraduate students)	$ 5 375
Rental from University Functions	5 000
Operation of Men's University Club	.....
Rental for Space Occupied by University Offices	1 200
Building Service Charge of $12.50 for All Faculty and Staff Members	55 375
Reservations Office	4 275
Information Office	5 045
Lost and Found	750
Food Service	15 838
Total, Illini Union Building	(92 858)
RESIDENCE HALLS	
Food Service	6 241
MINOR IMPROVEMENTS	
Unassigned	100 000
PREVAILING WAGE RATE INCREASES	
Unassigned	240 971
Total, Debt Service and Other Items	$440 070

Architectural Division

(Entire budget from charges to capital or operating appropriations on basis of work performed)

Salaries and Wages		
1. Nonacademic Salaries	H	$(114 930)
Wages		(20 000)
Total, Salaries and Wages		(134 930)

Expense and Equipment		
Expense		(2 000)
Total, Architectural Division		$(136 930)

Photographic Laboratory

(Entire budget from charges to departments)

Salaries and Wages		
1. Nonacademic Salaries	H	$ (22 680)
Wages		(1 680)
Total, Salaries and Wages		(24 360)
Expense and Equipment		
Expense		(20 120)
Total, Photographic Laboratory		$ (44 480)

AUXILIARY ENTERPRISES

Summary

The balances, receipts, and credits of the following self-supporting accounts and activities are appropriated for the expense of operation and maintenance of these activities.

Auxiliary Enterprises (Trust)	*Salaries and Wages*	*Other Expense*	*Total*
Illini Union:			
General Building	$200 384	$214 619	$415 003
Food Service	217 834	441 107	658 941
Coffee House	105 506	226 717	332 223
Bowling Alleys	13 960	9 364	23 324
Billiards	4 268	1 875	6 143
University Club	11 407	23 630	35 037
Bookstore	36 164	338 993	375 157
Total, Illini Union	(589 523)	(1 256 305)	(1 845 828)
Housing Division:			
Administration	(46 176)[1]	(11 028)[1]	(57 204)[1]
Lincoln Avenue Residence	124 772	205 779	330 551
Men's Residence Halls	106 698	251 671	358 369
Parade Ground Dormitories	100 834	160 001	260 835
Student and Staff Apartments	5 481	68 324	73 805
Staff Housing	4 764	108 911	113 675
Temporary Family Housing	32 105	315 424	347 529
Total, Housing Division	(374 654)	(1 110 110)	(1 484 764)
Hospital and Medical Service	.....	200 000	200 000
Total, Trust	(964 177)	(2 566 415)	(3 530 592)
Other Auxiliary Enterprises			
Housing Division:			
Busey and Evans Halls	106 755	133 940	240 695
Gymnasium Annex	9 657	23 490	33 147
Cooperative Houses	2 373	17 522	19 895
Total, Housing Division	(118 785)	(174 952)	(293 737)
McKinley Hospital	79 788	22 212	102 000
Total, General	(198 573)	(197 164)	(395 737)
Total, Auxiliary Enterprises	$1 162 750	$2 763 579	$3 926 329

General Building — Illini Union

Salaries and Wages		
1. V. L. Kretschmer, Director	DY	$ 7 900
2. Irene D. Pierson, Social Director	DY	5 076[2]
3. Nonacademic Salaries	H	67 272
Total, Salaries		(80 248)
Wages		120 136
Total, Salaries and Wages		(200 384)

[1] Distributed to the operating units and included in their budgets.

[2] With one meal a day while on duty, valued at $84 a year, furnished for the convenience of the employee.

Expense and Equipment		
Expense		156 379
Debt Service		58 240
Total, Expense and Equipment		(214 619)
Total, General Building		$415 003
Food Service		
Salaries and Wages		
1. Nonacademic Salaries	H	$ 39 348
Wages		178 486
Total, Salaries and Wages		(217 834)
Expense and Equipment		
Expense		441 107
Total, Food Service		$658 941
Bookstore		
Salaries and Wages		
1. Nonacademic Salaries	H	$ 21 708
Wages		14 456
Total, Salaries and Wages		(36 164)
Expense and Equipment		
Expense		338 993
Total, Bookstore		$375 157
Coffee House		
Salaries and Wages		
1. Nonacademic Salaries	H	$ 23 048
Wages		82 458
Total Salaries and Wages		(105 506)
Expense and Equipment		
Expense		226 717
Total, Coffee House		$332 223
Bowling Alleys		
Salaries and Wages		
1. Nonacademic Salaries	H	$ 4 110
Wages		9 850
Total, Salaries and Wages		(13 960)
Expense and Equipment		
Expense		9 364
Total, Bowling Alleys		$ 23 324
Billiards		
Salaries and Wages		
1. Nonacademic Salaries	H	$ 2 118
Wages		2 150
Total, Salaries and Wages		(4 268)
Expense and Equipment		
Expense		1 875
Total, Billiards		$ 6 143
University Club		
Salaries and Wages		
1. Nonacademic Salaries	H	$ 2 340
Wages		9 067
Total, Salaries and Wages		(11 407)
Expense and Equipment		
Expense		23 630
Total, University Club		$ 35 037

Telephone System Operations

(Entire budget from charges to departments)

Salaries and Wages		
1. Nonacademic Salaries	H	$ (4 385)
Wages		(19 185)
Total, Salaries and Wages		(23 570)
Expense and Equipment		
Expense		(92 214)
Total, Telephone System Operations		$(115 784)

Housing Division

Administration (Distributed to the operating units and included in their budgets)

Salaries and Wages		
1. S. E. Thompson, Director	DY50	$ (4 072)
(See Housing Division)	DY50	(3 828)
(Total Salary)		(7 900)
2. Nonacademic Salaries	H	(40 704)
Total, Salaries		(44 776)
Wages		(1 400)
Total, Salaries and Wages		(46 176)
Expense and Equipment		
Expense		(9 724)
Equipment		(1 304)
Total, Expense and Equipment		(11 028)
Total, Administration		$(57 204)

Men's Residence Halls

Salaries and Wages		
1. W. H. Krebs, Manager of Residence Halls	DY25	$ 1 250
(See Gymnasium Annex)	DY10	(500)
(See Busey and Evans Halls)	DY27	(1 375)
(See Lincoln Avenue Residence)	DY28	(1 375)
(See Parade Ground Units)	DY10	(500)
(Total Salary)		(5 000)
2. Nonacademic Salaries	H	6 030
Total, Salaries		(7 280)
Wages		99 418
Total, Salaries and Wages		(106 698)
Expense and Equipment		
Expense		251 671
Total, Men's Residence Halls		$358 369

Busey and Evans Halls

Salaries and Wages		
1. W. H. Krebs, Manager of Residence Halls (See Men's Residence Halls)	DY27	$ 1 375
2. Nonacademic Salaries	H	12 264
Total, Salaries		(13 639)
Wages		93 116
Total, Salaries and Wages		(106 755)
Expense and Equipment		
Expense		133 940
Total, Busey and Evans Halls		$240 695

Lincoln Avenue Residence

Salaries and Wages		
1. W. H. Krebs, Manager of Residence Halls (See Men's Residence Halls)	DY28	$ 1 375

2. Nonacademic Salaries	H	9 401
Total, Salaries		10 776
Wages		113 996
Total, Salaries and Wages		(124 772)
Expense and Equipment		
Expense		205 779
Total, Lincoln Avenue Residence		$330 551

Gymnasium Annex

Salaries and Wages		
1. W. H. Krebs, Manager of Residence Halls	DY10	$ 500
2. Nonacademic Salaries	H	1 620
Total, Salaries		(2 120)
Wages		7 537
Total, Salaries and Wages		(9 657)
Expense and Equipment		
Expense		23 490
Total, Gymnasium Annex		$ 33 147

Parade Ground Dormitories

Salaries and Wages		
1. W. H. Krebs, Manager of Residence Halls (See Men's Residence Halls)	DY10	$ 500
2. C. J. Hubble, Manager of Temporary Dormitories	DY	4 500
3. Nonacademic Salaries	H	18 347
Total, Salaries		(23 347)
Wages		77 487
Total, Salaries and Wages		(100 834)
Expense and Equipment		
Expense		160 001
Total, Parade Ground Dormitories		$260 835

Cooperative Houses

Salaries and Wages		
1. Mrs. M. Staley Barbre, House Director, Alpha House	G72	$ 720[1]
(See Dean of Women)	G28	(320)
(Total Salary) (10 months from September 1, 1949)		(1 040)
2. Mrs. Arahbell Conlee, House Director, Gamma House	G72	720[1]
(See Dean of Women)	G28	(320)
(Total Salary) (10 months from September 1, 1949)		(1 040)
3. Mrs. Edna E. Ryan, House Director, Beta House	G72	720[1]
(See Dean of Women)	G28	(320)
(Total Salary) (10 months from September 1, 1949)		(1 040)
Wages		213
Total, Salaries and Wages		(2 373)
Expense and Equipment		
Expense		17 522
Total, Cooperative Houses		$ 19 895

Student and Staff Apartments

Salaries and Wages		
Wages		$ 5 481
Expense and Equipment		
Expense		25 469
Debt Service		42 855
Total, Expense and Equipment		(68 324)
Total, Student and Staff Apartments		$ 73 805

[1] With room and board, valued at $330, furnished for the convenience of the University.

Staff Housing

Salaries and Wages		
1. Nonacademic Salaries	H	$ 3 600
Wages		1 164
Total, Salaries and Wages		(4 764)
Expense and Equipment		
Expense		70 986
Debt Service		37 925
Total, Expense and Equipment		(108 911)
Total, Staff Housing		$113 675

Temporary Family Housing

Salaries and Wages		
1. Nonacademic Salaries	H	$ 29 405
Wages		2 700
Total, Salaries and Wages		(32 105)
Expense and Equipment		
Expense		315 424
Total, Temporary Family Housing		$347 529

McKinley Hospital Operation

(Under the direction of the Dean of Students)

Salaries and Wages		
1. Nonacademic Salaries	H	$ 73 788
Wages		6 000
Total, Salaries and Wages		(79 788)
Expense and Equipment		
Expense		22 212
Total, McKinley Hospital Operation		$102 000[1]

Hospital and Medical Services

Expense and Equipment	
Expense	$200 000
Total, Hospital and Medical Services	$200 000

SCHOLARSHIPS, FELLOWSHIPS, AND PRIZES

Expendable Gift and Endowment Funds	*Salaries and Wages*	*Other Expense*	*Total*
Endowment Income	.....	$30 000	$30 000
Gifts	.....	50 000	50 000
Total	.....	$80 000	$80 000

MISCELLANEOUS ACCOUNTS

(Noneducational)

Expendable Gift and Endowment Funds	*Salaries and Wages*	*Other Expense*	*Total*
Farm Operations:			
Allerton	.....	$75 000	$75 000
Carter-Pennell	.....	12 000	12 000
Wright	.....	60 000	60 000
Total, Farm Operations	.....	(147 000)	(147 000)
Endowment Income (annuities)	.....	250	250
Gifts	.....	50 000	50 000
Sub-total	.....	(197 250)	(197 250)
United States Government Contracts			
Veterans Books and Supplies	.....	500 000	500 000
Total	.....	$697 250	$697 250

[1] To be supplemented by University appropriation. See Dean of Students budget.

CHICAGO PROFESSIONAL COLLEGES

SUMMARY OF BUDGET APPROPRIATIONS

Educational and General	*From General Income*	*From Restricted Income*	*Total*
Administrative and General			
General Administrative Offices	$253 830	.....	$253 830
General Student Service	47 045	.....	47 045
General University Service	23 500	.....	23 500
Total, Administration and General	(324 375)	.....	(324 375)
Instruction and Departmental Research			
Colleges, Schools, and Departments			
Medicine	1 726 411	.....	1 726 411
Dentistry	436 521	.....	436 521
Pharmacy	226 896	.....	226 896
Graduate College	20 000	.....	20 000
School of Nursing	63 983	.....	63 983
Physical Education	12 090	.....	12 090
Total, Colleges, Schools, and Departments	(2 485 901)	.....	(2 485 901)
Organized Activities Relating to Instructional Departments			
Research and Educational Hospitals	1 741 497	.....	1 741 497
Illinois Eye and Ear Infirmary	189 504	.....	189 504
Total, Organized Activities Relating to Instructional Departments	(1 931 001)	.....	(1 931 001)
Total, Instruction and Departmental Research	(4 416 902)	.....	(4 416 902)
Organized Research			
Aeromedical and Atomospheric Environment Laboratory	57 750	.....	57 750
Institution for Tuberculosis Research	.....	$ 36 000	36 000
Total, Organized Research	(57 750)	(36 000)	(93 750)
Extension and Public Service			
Division of Services for Crippled Children	.....	1 252 905	1 252 905
Libraries	63 794	.....	63 794
Physical Plant			
Operation and Maintenance	1 006 753	62 000	1 068 753
Debt Service and Other Special Items	23 777	78 000	101 777
Institution for Tuberculosis Research	.....	35 500	35 500
Total, Physical Plant	(1 030 530)	(175 500)	(1 206 030)
Sub-total, Educational and General	(5 893 351)	(1 464 405)	(7 357 756)
Endowment Income, Gift Funds, and United States Government Contracts	.....	452 750	452 750
Total, Educational and General	(5 893 351)	(1 917 155)	(7 810 506)
Auxiliary Enterprises	.....	195 823	195 823
Endowment Income and Gift Funds for Noneducational Purposes			
Gifts and Endowments	.....	25 000	25 000
Total, Appropriations	$5 893 351	$2 137 978	$8 031 329

COMPARATIVE SUMMARY OF BUDGET APPROPRIATIONS

Educational and General	*Salaries and Wages*	*Other Expense*	*Total*
Administration and General			
General Administrative Offices	$220 700	$33 130	$253 830
General Student Service	44 825	2 220	47 045
General University Service	11 925	11 575	23 500
Total, Administration and General	(277 450)	(46 925)	(324 375)

COMPARATIVE SUMMARY (CONCLUDED)

Educational and General	*Salaries and Wages*	*Other Expense*	*Total*
Instruction and Departmental Research			
Colleges, Schools, and Departments			
Medicine	1 475 907	250 504	$ 726 411
Dentistry	363 421	73 100	436 521
Pharmacy	196 146	30 750	226 896
Graduate College	19 600	400	20 000
School of Nursing	25 683	38 300	63 983
Physical Education	9 390	2 700	12 090
Total, Colleges, Schools, and Departments	(2 090 147)	(395 754)	(2 485 901)
Organized Activities Relating to Instructional Departments			
Research and Educational Hospitals	1 278 017	463 480	1 741 497
Illinois Eye and Ear Infirmary	184 304	5 200	189 504
Total, Organized Activities Relating to Instructional Departments	(1 462 321)	(468 680)	(1 931 001)
Total, Instruction and Departmental Research	(3 552 468)	(864 434)	(4 416 902)
Organized Research			
Aeromedical and Atomospheric Environment Laboratory	43 000	14 750	57 750
Institution for Tuberculosis Research	21 000	15 000	36 000
Total, Organized Research	(64 000)	(29 750)	(93 750)
Extension and Public Service			
Division of Services for Crippled Children	354 045	898 860	1 252 905
Libraries	41 794	22 000	63 794
Physical Plant			
Operation and Maintenance	769 487	299 266	1 068 753
Debt Service and Other Special Items	.....	101 777	101 777
Institution for Tuberculosis Research	21 547	13 953	35 500
Total, Physical Plant	(791 034)	(414 996)	(1 206 030)
Sub-total, Education and General	(5 080 791)	(2 276 965)	(7 357 756)
Endowment Income, Gift Funds, and United States Government Contracts	305 000	147 750	452 750
Total, Educational and General	(5 385 791)	(2 424 715)	(7 810 506)
Auxiliary Enterprises	78 481	117 342	195 823
Endowment Income and Gift Funds for Noneducational Purposes			
Gifts and Endowments	.....	25 000	25 000
Total, Appropriations	$5 464 272	$2 567 057	$8 031 329

SUMMARY OF EXPENDABLE ENDOWMENT INCOME, GIFT, UNITED STATES GOVERNMENT CONTRACTS, AND OTHER TRUST FUNDS

The balance and receipt of the following trust funds are appropriated for the purpose of the respective funds with the provision that the expenditures shall not exceed the receipts and balances of the individual funds.

Educational and General	*Salaries and Wages*	*Other Expense*	*Total*
Administration and General	.....	$10 000	$10 000
Instruction and Departmental Research			
Medicine	.....	500	500
Organized Activities Relating to Instructional Departments			
Research and Educational Hospitals	$ 500	250	750
Organized Research			
Medicine	275 000	125 000	400 000
Dentistry	28 000	9 500	37 500
Pharmacy	1 500	500	2 000
Total, Organized Research	(304 500)	(135 000)	(439 500)

	Salaries and Wages	*Other Expense*	*Total*
Libraries	.....	2 000	2 000
Total, Educational and General	(305 000)	(147 750)	(452 750)
Noneducational Purposes			
Scholarships, Fellowships, and Prizes	.....	25 000	25 000
Grand Total	$305 000	$172 750	$477 750

GENERAL ADMINISTRATIVE OFFICES, DEPARTMENTS, AND EXPENSE

General Administrative Offices	*Salaries and Wages*	*Other Expense*	*Total*
Vice-President's Office	$ 27 550	$ 6 680	$ 34 230
Business Office	138 160	20 000	158 160
Admissions and Records	25 359	2 000	27 359
Nonacademic Personnel	29 631	4 450	34 081
Total, General Administrative Offices	(220 700)	(33 130)	(253 830)
General Student Service			
Student Affairs	9 600	500	10 100
Health Service	35 225	1 720	36 945
Total, General Student Service	(44 825)	(2 220)	(47 045)
General University Service			
Public Information	11 925	3 775	15 700
Commencement	.....	800	800
Research Exhibits	.....	2 500	2 500
Incidental and Emergency	.....	2 000	2 000
Faculty-Alumni News Letter	.....	2 500	2 500
Total, General University Service	(11 925)	(11 575)	(23 500)
Total, General Administrative Offices, Departments, and Expense	$277 450	$46 925	$324 375
United States Government Contracts			
Administration and General	.....	$10 000	$10 000

ADMINISTRATION AND GENERAL

Vice-President's Office

Salaries and Wages			
1. A. C. Ivy, Vice-President, in charge of Chicago Professional Colleges	BY		$ 20 000[1]
Distinguished Professor of Physiology and Head of the Department of Clinical Science	AY		
2. Nonacademic Salaries	H		7 000
Total, Salaries			(27 000)
Wages			550
Total, Salaries and Wages			(27 550)
Expense and Equipment			
Architectural Expense			5 000
Expense			1 580
Equipment			100
Total, Expense and Equipment			(6 680)
Total, Vice-President's Office			$ 34 230

Health Service

Salaries and Wages			
1. F. C. Lendrum, Director	DY85	$ 6 800	
(See Department of Medicine)	AY15	(1 200)	
(Total Salary)		(8 000)	

[1] With automobile furnished for the convenience of the University.

2. J. H. Filip, Associate Director	DY	6 500
3. Eslie Hartman, Medical Adviser for Women	DY60	4 170
4. J. S. Handler, Psychiatric Consultant	DY75	4 500
5. ————, Assistant Physician	DY50	3 000
6. J. B. Teton, Gynecological Consultant	DY10	750
7. Nonacademic Salaries	H	8 160
Total, Salaries		(33 880)
Wages		1 345
Total, Salaries and Wages		(35 225)
Expense and Equipment		
Expense		1 620
Equipment		100
Total, Expense and Equipment		(1 720)
Total, Health Service		$ 36 945

Business Office

(Under the Direction of the Comptroller of the University)

Salaries and Wages		
1. H. A. Hazleton, Business Manager of the Chicago Colleges and Divisions	DY	$ 9 300
2. Nonacademic Salaries	H	124 640
Total, Salaries		(133 940)
Wages, General		3 500
Wages, Contingent for salary increase at expiration of leave of absence		720
Total, Salaries and Wages		(138 160)
Expense and Equipment		
Expense		18 000
Equipment		2 000
Total, Expense and Equipment		(20 000)
Total, Business Office		$158 160

Office of Admissions and Records

(Under the Direction of the Director of Admissions and Records)

Salaries and Wages		
1. G. R. Moon, Examiner and Recorder	DY	$ 7 920
2. Nonacademic Salaries	H	17 124
Total, Salaries		(25 044)
Wages		315
Total, Salaries and Wages		(25 359)
Expense and Equipment		
Expense		2 000
Total, Office of Admissions and Records		$ 27 359

Nonacademic Personnel

(Under the Direction of the Director of Nonacademic Personnel)

Salaries and Wages		
1. P. A. Hartley, Associate Director	DY	$ 6 820
2. Nonacademic Salaries	H	22 311
Total, Salaries		(29 131)
Wages		500
Total, Salaries and Wages		(29 631)
Expense and Equipment		
General Departmental Expense		4 000
Stenographic Service Expense		200
Equipment		250
Total, Expense and Equipment		(4 450)
Total, Nonacademic Personnel		$ 34 081

Student Affairs

(Under the Direction of the Dean of Students of the University)

Salaries and Wages		
1. M. J. Galbraith, Director of Student Affairs	DY	$ 7 200
2. Nonacademic Salaries	H	2 400
Total, Salaries and Wages		(9 600)
Expense and Equipment		
Expense		500
Total, Student Affairs		$ 10 100

Public Information

(Under the Direction of the Director of Public Information)

Salaries and Wages		
1. C. L. Williston, Manager	DY	$ 5 750
2. Nonacademic Salaries	H	5 400
Total, Salaries		(11 150)
Wages		775
Total, Salaries and Wages		(11 925)
Expense and Equipment		
Expense		3 550
Equipment		225
Total, Expense and Equipment		(3 775)
Total, Public Information		$ 15 700

Incidental and Emergency

Expense and Equipment	
Expense	$ 2 000
Total, Incidental and Emergency	$ 2 000

Commencement

Expense and Equipment	
Expense	$ 800
Total, Commencement	$ 800

Research Exhibits

Expense and Equipment	
Expense	$ 2 500
Total, Research Exhibits	$ 2 500

Faculty-Alumni News Letter

Expense and Equipment	
Expense	$ 2 500
Total, Faculty-Alumni News Letter	$ 2 500

COLLEGE OF MEDICINE

Summary

	Salaries and Wages	*Other Expense*	*Total*
Administration	$30 205	$15 250	$45 455
Postgraduate	24 480	12 800	37 280
Anatomy	77 782	11 000	88 782
Animal Hospital	20 905	1 500	22 405
Bacteriology	59 850	8 500	68 350
Biological Chemistry	78 308	12 000	90 308
Clinical Science	16 063	7 500	23 563
Criminology and Legal Medicine	9 768	300	10 068
Dermatology	36 947	2 750	39 697
Illustration Studios	33 780	2 500	36 280
Medicine	125 618	16 000	141 618
Neurology and Neurological Surgery	65 469	6 000	71 469

Summary (concluded)

	Salaries and Wages	*Other Expense*	*Total*
Obstetrics and Gynecology	27 236	8 500	35 736
Ophthalmology	47 808	6 800	54 608
Orthopaedic Surgery	39 483	11 300	50 783
Otolaryngology	72 865	11 000	83 865
Pathology	89 495	9 000	98 495
Pediatrics	49 205	6 000	55 205
Pharmacology	73 149	13 750	86 899
Physical Medicine and Rehabilitation	42 826	3 500	46 326
Physiology	100 967	18 000	118 967
Preventive Medicine and Public Health	32 700	2 000	34 700
Psychiatry	151 933	7 230	159 163
Radiology	52 945	9 500	62 445
Rush-Presbyterian	27 225	26 824	54 049
Surgery	88 895	21 000	109 895
Total, College of Medicine	$1 475 907	$250 504	$1 726 411
Expendable Gift and Endowment Funds			
Instruction (endowment income):			
Estimated New Projects and Renewals	.....	$ 500	$ 500
Organized Research (gifts):			
Estimated New Projects and Renewals	$150 000	75 000	225 000
Sub-total	(150 000)	(75 500)	(225 500)
United States Government Contracts			
Organized Research:			
Estimated New Projects and Renewals	125 000	50 000	175 000
Total, Trust Funds	$275 000	$125 000	$400 500

Administration

Salaries and Wages

1. J. B. Youmans, Dean and Medical Director of the Research and Educational Hospitals and the Illinois Eye and Ear Infirmary	DY}	$ 16 500
Professor of Medicine	AY}	
2. D. J. Davis, Dean and Professor of Pathology, *Emeritus*.		.....[1]
3. R. C. Berson, Assistant Dean and Assistant Professor of Medicine	DY33	2 675
(See Research and Educational Hospitals, Administration)	DY67	(5 325)
(Total Salary)		(8 000)
4. Nonacademic Salaries	H	9 780
Total, Salaries		(28 955)
Wages		1 250
Total, Salaries and Wages		(30 205)
Expense and Equipment		
Military Expense		250
Expense		12 000
Contingent		3 000
Total, Expense and Equipment		(15 250)
Total, Administration		$ 45 455

Postgraduate

Salaries and Wages

1. George Milles, Coordinator of Basic Science	DY30	$ 3 100
(See Pathology)	A30	(2 000)
(Total Salary)		(5 100)

[1] Retiring allowance payable by Retirement System.

2. Honorariums for Special Teaching		15 000[1]
3. Nonacademic Salaries	H	5 580
Total, Salaries		(23 680)
Wages		800
Total, Salaries and Wages		(24 480)
Expense and Equipment		
Expense		3 000
Equipment		300
Unassigned		9 500[2]
Total, Expense and Equipment		(12 800)
Total, Postgraduate		$ 37 280

Anatomy

Salaries and Wages		
1. O. F. Kampmeier, Professor and Head of Department	AY	$ 10 200
2. A. A. Zimmermann, Professor	A	8 300
3. Gerhardt von Bonin, Professor	A	8 100
4. A. R. Cooper, Professor	A75	6 000
5. P. H. Simer, Professor	A	7 200
6. R. H. Krehbiel, Associate Professor	A	6 000
7. Yngve Joranson, Associate Professor, *Emeritus* (Without retiring allowance)		.....
8. G. L. Zechel, Associate Professor, assigned to Surgery part-time without salary	A33	3 000
9. J. C. Plagge, Associate Professor	A	5 800
10. W. J. Furuta, Assistant Professor	B	5 100
11. G. D. Kaiser, Clinical Instructor	DY25	750
(See Surgery)	DY25	(750)
(Total Salary)		(1 500)
12. H. J. Fournier, Instructor	D12	400
13. L. S. Shalla, Instructor	D12	400
14. ————, Instructor	D16	500
15. Adeline R. White, Assistant, *Emerita* (From Retiring Allowances)		(213)
16. Nonacademic Salaries	H	12 702
Total, Salaries		(74 452)
Wages		3 330
Total, Salaries and Wages		(77 782)
Expense and Equipment		
Expense		9 000
Equipment		2 000
Total, Expense and Equipment		(11 000)
Total, Anatomy		$ 88 782

Animal Hospital

Salaries and Wages		
1. Elihu Bond, Administrator	DY	$ 4 700
2. Nonacademic Salaries	H	15 840
Total, Salaries		(20 540)
Wages		365
Total, Salaries and Wages		(20 905)
Expense and Equipment		
Expense		1 500
Total, Animal Hospital		$ 22 405

[1] To be assigned to departments upon approval of the Dean of the College of Medicine and the Vice-President for payment of honorariums to part-time staff members and others for extra teaching.

[2] To be assigned to departments upon approval of the Dean of the College of Medicine and the Vice-President to cover expenses and equipment needed in connection with postgraduate courses given.

Bacteriology

Salaries and Wages		
1. M. V. Novak, Professor and Head of Department	AY}	$ 10 150
Assistant Dean of Graduate College	DY}	
2. J. E. Kempf, Associate Professor	A	6 100
3. Esther Meyer, Assistant Professor	B	4 350
4. Joaquin Munoz, Assistant Professor	B	4 250
5. E. E. Vicher, Assistant Professor	D50	2 000
6. W. I. Taylor, Instructor	D	4 100
7. ————, Research Associate	DY50	1 700
8. Seymour Levine, Instructor	D	3 000
9. ————, Assistant	E	2 400
10. 2.00 Part-time Assistants	E	4 800
11. Nonacademic Salaries	H	16 200
Total, Salaries		(59 050)
Wages		800
Total, Salaries and Wages		(59 850)
Expense and Equipment		
Expense		8 500
Total, Bacteriology		$ 68 350

Biological Chemistry

Salaries and Wages		
1. O. A. Bessey, Professor and Head of Department	AY	$ 10 500
2. W. H. Welker, Professor, *Emeritus*		.....[1]
3. Olaf Bergeim, Professor	A	7 000
4. S. P. Colowick, Associate Professor	A	6 450
5. C. A. Johnson, Assistant Professor	D	4 950
6. N. O. Kaplan, Assistant Professor	D	4 850
7. E. L. Becker, Assistant Professor	D	4 500
8. ————, Assistant Professor	D	4 500
9. Alice L. Riedinger, Research Associate	DY	4 300
10. ————, Instructor	D	4 000
11. Ruth H. Love, Research Assistant	DY	3 000
12. Maxine McArthur, Research Assistant	DY	2 400
13. ————, Assistant	E	2 400
14. 2.00 Part-time Assistants	E	4 900
15. Nonacademic Salaries	H	11 558
Total, Salaries		(75 308)
Wages		3 000
Total, Salaries and Wages		(78 308)
Expense and Equipment		
General Expense		8 000
Allergy Unit Expense		4 000
Total, Expense and Equipment		(12 000)
Total, Biological Chemistry		$ 90 308

Cooperative Investigations

Salaries and Wages

NUTRITION FOUNDATION, INC.		
1. ————, Research Assistant	DY	$ 2 400

Clinical Science

Salaries and Wages		
1. A. C. Ivy, Distinguished Professor of Physiology and Head of Department (Salary under Vice-President's Office)		.....
2. M. I. Grossman, Associate Professor	AY	$ 6 400
3. D. F. Magee, Instructor	DY	3 600
4. Nonacademic Salaries	H	6 063
Total, Salaries		(16 063)

[1] Retiring allowance payable by Retirement System.

Expense and Equipment		
Expense		7 500
Total, Clinical Science		$ 23 563

Cooperative Investigations

Salaries and Wages		
NATIONAL INSTITUTE OF HEALTH RG-518C		
1. Leon Gershbein, Instructor	DY	$ 3 600

Criminology and Legal Medicine

Salaries and Wages		
1. Sophie S. Sloman, Assistant Professor	DY10	$ 930
(From Department of Public Welfare)	DY67	(7 920)
(Total Salary)		(8 850)
2. H. W. Smith, Professor of Legal Medicine		.....[1]
3. ————, Professor of Legal Medicine	D60	6 000
4. Nonacademic Salaries	H	2 538
Total, Salaries		(9 468)
Wages		300
Total, Salaries and Wages		(9 768)
Expense and Equipment		
Expense		300
Total, Criminology and Legal Medicine		$ 10 068

Dermatology

Salaries and Wages		
1. F. E. Senear, Professor and Head of Department	AY50	$ 6 150
2. Theodore Cornbleet, Clinical Professor	AY33	2 150
3. Adolph Rostenberg, Jr., Associate Professor	AY	9 630
4. M. J. Brunner, Assistant Professor	DY	5 350
5. Harold Shellow, Clinical Assistant Professor	DY13	550
6. P. K. Weichselbaum, Clinical Assistant Professor	DY23	975
7. Henry Schorr, Clinical Associate	DY20	850
8. Louise E. Tavs, Clinical Associate	DY22	770
9. J. B. Haeberlin, Jr., Clinical Instructor	DY22	700
10. Frederick Szymanski, Clinical Instructor	DY22	700
11. Prudence P. Tolomeo, Research Assistant	DY	2 600
12. Nonacademic Salaries	H	5 822
Total, Salaries		(36 247)
Wages		700
Total, Salaries and Wages		(36 947)
Expense and Equipment		
Expense		2 750
Total, Dermatology		$ 39 697

Illustration Studio

Salaries and Wages		
1. T. S. Jones, Professor of Medical and Dental Illustration, and Head of Department	A	$ 9 750
2. Ruth B. Coleman, Assistant Professor of Medical Illustration	D	4 600
3. A. H. Goodwin, Instructor in Medical Illustration	D	3 440
4. Nonacademic Salaries	H	13 140
Total, Salaries		(30 930)
Wages		2 850
Total, Salaries and Wages		(33 780)
Expense and Equipment		
Expense		2 500
Total, Illustration Studios		$ 36 280

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

Medicine

Salaries and Wages			
1. R. W. Keeton, Professor and Head of Department	AY75	$ 9	800
2. E. S. Moore, Professor, *Emeritus* (From Retiring Allowances)		(1	762)
3. E. F. Foley, Professor	A50	3	750
4. Victor Guillemin, Jr., Professor of Biophysics			.....
(Salary under Aeromedical and Physical Environment Laboratory)			
5. Mrs. Carroll L. Birch, Associate	AY	6	450[1]
6. ————, Associate Professor	DY	6	500
7. A. B. Kendrick, Associate Professor	AY	5	600
8. L. R. Limarzi, Associate Professor	AY75	5	000
9. F. K. Hick, Associate Professor	AY50	3	440
10. M. H. Streicher, Associate Professor	AY50	2	500
11. Isadore Pilot, Associate Professor	AY40	2	250
12. F. C. Lendrum, Associate Professor	AY15	1	200
(See Health Service)	DY85	(6	800)
(Total Salary)		(8	000)
13. Samuel Perlstein, Associate Professor	DY12		600
14. Max Samter, Assistant Professor	DY76	5	100
(From Asthmatic Children's Aid Fund)	DY24	(1	600)
(Total Salary)		(6	700)
15. Nathaniel Glickman, Assistant Professor and Research Physiologist	DY	6	100
16. M. M. Montgomery, Assistant Professor	DY50	2	800
17. J. T. Paul, Assistant Professor	DY50	2	000
18. Frederick Steigmann, Assistant Professor	DY40	1	600
19. H. A. Levy, Assistant Professor	DY20		900
20. ————, Assistant Professor	DY15		700
21. E. J. Ranke, Clinical Associate	DY50	1	500
22. P. L. Bedinger, Clinical Associate	DY25		850
23. W. P. Swisher, Clinical Associate	DY25		850
24. D. D. Darling, Associate	DY13		475
25. Moses Goldwasser, Associate	DY13		475
26. Benjamin Pearlman, Associate	DY5		175
27. ————, Consultant to Eye and Ear Infirmary	DY20	1	500
28. Josephine M. Dyniewicz, Instructor and Research Chemist	DY	4	000
29. Elva A. Hiscock, Instructor in Nutrition	DY	3	750[2]
30. ————, Instructor and Parasitologist	DY	3	600
31. I. R. Callen, Instructor	DY50	3	200
32. S. H. Gumbiner, Instructor	DY50	2	100
33. G. J. Brebis, Instructor	DY30		900
34. I. S. Siglin, Instructor	DY10		300
35. C. F. Baumeister, Instructor	DY5		175
36. Tohru Inouye, Research Assistant	DY	4	000
37. L. J. Grimelli, Research Assistant	DY	2	400
38. ————, Research Assistant	DY	2	400
39. Martha A. Hill, Research Assistant	DY	2	400
40. 1.25 Part-time Assistants	DY	3	000
41. Nonacademic Salaries	H	19	178
Total, Salaries		(123	518)
Wages		2	100
Total, Salaries and Wages		(125	618)
Expense and Equipment			
Expense		13	500
Equipment		2	500
Total, Expense and Equipment		(16	000)
Total, Medicine		$141	618

[1] On leave of absence with pay from June 1 to November 30, 1949.
[2] With one meal a day while on duty, valued at $96 a year, furnished for the convenience of the employee.

Cooperative Investigations

Salaries and Wages

UPJOHN COMPANY — LIPASE A. STUDIES		
1. ————————, Research Assistant	DY	$ 2 520
UNITED STATES PUBLIC HEALTH SERVICE TEACHING CANCER GRANT CT-630		
2. S. G. Taylor, Assistant Professor (March 12, 1949, to March 11, 1950)	GY	3 000
AMERICAN SOCIETY OF HEATING AND VENTILATING ENGINEERS		
3. Jean C. Shaw, Research Assistant	DY	2 700

Neurology and Neurological Surgery

Salaries and Wages

1. Eric Oldberg, Professor and Head of Department	AY75	$ 9 500
2. Percival Bailey, Distinguished Professor	AY	16 500
3. G. B. Hassin, Professor, *Emeritus* (From Retiring Allowances)		(1 435)
4. R. P. Mackay, Professor of Neurology	AY33	2 400
5. P. C. Bucy, Professor	AY25	1 800
6. I. B. Diamond, Assistant Professor, *Emeritus* (From Retiring Allowances)		(472)
7. Milton Tinsley, Assistant Professor of Neurological Surgery	DY50	3 200
8. Oscar Sugar, Instructor in Neurological Surgery	DY80	4 400
9. ————————, Consultant to Eye and Ear Infirmary	DY20	1 500
10. .20 Part-time Assistants	DY	1 100
11. Nonacademic Salaries	H	21 694
Total, Salaries		(62 094)
Wages		3 375
Total, Salaries and Wages		(65 469)
Expense and Equipment		
Expense		6 000
Total, Neurology and Neurological Surgery		$ 71 469

Obstetrics and Gynecology

Salaries and Wages

1. F. H. Falls, Professor and Head of Department	AY75	$ 9 750
2. W. H. Browne, Clinical Associate Professor	AY15	900
3. V. C. Freda, Clinical Assistant Professor	DY20	850
4. G. H. Rezek, Clinical Assistant Professor	DY20	850
5. F. J. Roos, Clinical Assistant Professor	DY20	850
6. R. R. Wolff, Clinical Assistant Professor	DY20	850
7. S. J. Benensohn, Clinical Instructor	DY25	800
8. J. P. FitzGibbons, Instructor	DY50	1 600
9. C. D. Krause, Instructor	DY50	1 600
10. A. J. Mauzey, Instructor	DY50	1 700
11. Dorothy A. Chess, Instructor	DY50	1 600
12. .75 Part-time Assistants	DY	1 900
13. Nonacademic Salaries	H	3 300
Total, Salaries		(26 550)
Wages		686
Total, Salaries and Wages		(27 236)
Expense and Equipment		
Expense		8 500
Total, Obstetrics and Gynecology		$ 35 736

Cooperative Investigations

Salaries and Wages

UNITED STATES PUBLIC HEALTH SERVICE TEACHING CANCER GRANT CT-630		
1. R. V. Lobraico, Jr., Instructor (March 12, 1949, to March 11, 1950)	GY75	$ 3 000

Ophthalmology

Salaries and Wages			
1. W. F. Hughes, Jr., Professor and Head of Department; Ophthalmologist-in-Chief in Illinois Eye and Ear Infirmary	AY90	$	9 750
2. P. C. Kronfeld, Professor	AY75		7 500
3. Hallard Beard, Professor	AY50		3 200
4. Mrs. Georgiana D. Theobold, Clinical Pathologist and Associate Professor	DY20		1 200
5. J. S. Haas, Assistant Professor	DY50		2 700
6. M. C. Benford, Instructor			.....
(Salary under Research and Educational Hospitals, Clinics)			
7. F. M. Wilson, Instructor	DY85		4 600
8. R. E. Kennedy, Instructor	DY85		4 600
9. Maurice Pearlman, Instructor	DY85		4 200
10. H. Isabelle McGarry, Instructor	DY30		1 500
11. Martin Urist, Instructor	DY15		500
12. Nonacademic Salaries	H		7 058
Total, Salaries			(46 808)
Wages			1 000
Total, Salaries and Wages			(47 808)
Expense and Equipment			
Expense			6 800
Total, Ophthalmology		$	54 608

Orthopaedic Surgery

Salaries and Wages			
1. F. A. Chandler, Professor and Head of Department; Director of the Illinois Surgical Institute	AY50	$	6 450
(See Research and Educational Hospitals)			
2. H. B. Thomas, Professor, *Emeritus*			.....[1]
3. F. W. Hark, Associate Professor	AY25		1 800
4. C. N. Lambert, Associate Professor	AY25		1 500
5. J. J. Fahey, Associate Professor	AY25		1 400
6. T. A. Fox, Instructor	DY45		1 600
7. C. V. Heck, Research Assistant	DY50		1 350
8. .50 Part-time Assistants	DY		1 500
9. Nonacademic Salaries	H		19 008
Total, Salaries			(34 608)
Wages			4 875
Total, Salaries and Wages			(39 483)
Expense and Equipment			
Expense			11 300
Total, Orthopaedic Surgery		$	50 783

Otolaryngology

Salaries and Wages			
1. F. L. Lederer, Professor and Head of Department; Otolaryngologist-in-Chief in Illinois Eye and Ear Infirmary	AY80	$	9 850
2. Herbert Koepp-Baker, Professor of Clinical Speech Pathology and Director of Speech and Hearing Rehabilitation	DY25		2 700
(See Division of Services for Crippled Children)	DY75		(7 500)
(Total Salary)			(10 200)
3. ————, Professor	AY50		3 000
4. Jean L. Utley, Assistant Professor of Audiology and Associate Director of Speech and Hearing Clinic	DY		5 900
5. P. H. Holinger, Associate Professor of Bronchoesophalogy	DY50		2 750
6. M. F. Snitman, Associate Professor	DY50		2 750

[1] Retiring allowance payable by Retirement System.

7. Marvin Tamari, Associate Professor	DY50	2 600
8. L. Jane Irvine, Instructor in Audiology	DY	4 300
9. Catherine L. Fogle, Instructor in Audiotory Training	DY	4 300
10. Mary L. Law, Instructor in Clinical Speech	DY50	1 950
11. Emanuel Skolnik, Assistant	DY	2 400
12. R. E. Marcus, Assistant	DY	2 400
13. I. D. Horwitz, Clinical Teaching Assistant	DY	2 200
14. B. J. Soboroff, Clinical Teaching Assistant	DY	2 200
15. .50 Part-time Clinical Teaching Assistants	DY50	1 200
16. Nonacademic Salaries	H	21 765
Total, Salaries		(72 265)
Wages		600
Total, Salaries and Wages		(72 865)
Expense and Equipment		
Expense		11 000
Total, Otolaryngology		$ 83 865

Cooperative Investigations

Salaries and Wages

UNITED STATES PUBLIC HEALTH SERVICE TEACHING CANCER GRANT CT-630

1. J. G. Schoolman, Assistant Professor	DY50	$ 3 000

Pathology

Salaries and Wages

1. G. A. Bennett, Professor and Head of Department; Pathologist-in-Chief in Research and Educational Hospitals		$ 14 500
2. D. J. Davis, Dean and Professor of Pathology, *Emeritus*		.....[1]
3. F. W. Petersen, Professor, *Emeritus*		.....[1]
4. C. A. Krakower, Professor; Associate Pathologist in Research and Educational Hospitals	AY	10 750
5. S. A. Levinson, Professor	AY	.....
(Salary under Research and Educational Hospitals, Laboratory)		
6. C. E. Cahn-Bronner, Professorial Lecturer	D5	250
7. Maurice Lev, Associate Professor; Associate Pathologist in Research and Educational Hospitals	AY	8 000
8. Isidore Gersh, Associate Professor	A	7 060
9. A. J. Nedzel, Associate Professor	A	6 400
10. George Milles, Associate Professor	A30	2 000
(See Postgraduate)	DY30	(3 100)
(Total Salary)		(5 100)
11. L. S. King, Clinical Associate Professor	D10	550
12. H. R. Catchpole, Assistant Professor	D	6 200
13. R. P. MacFate, Assistant Professor	DY20	1 250
(See Research and Educational Hospitals, Laboratory)	DY70	(4 350)
(Total Salary)		(5 600)
14. A. B. Ragins, Clinical Assistant Professor	D5	275
15. C. C. Mason, Clinical Associate	D10	500
16. Louis Parmacek, Clinical Associate	D10	500
17. Aaron Learner, Clinical Associate	D10	450
18. C. L. Pirani, Clinical Associate	D10	450
19. E. W. Cauldwell, Research Associate (July 1, 1949, to August 31, 1950)	GY10	408
(From U.S.P.H.S. Grant C854) (July 1, 1949, to June 30, 1950)	GY90	(3 600)
(Total Salary)		(4 008)
20. Elizabeth A. McGrew, Instructor	DY10	440
(See Research and Educational Hospitals, Pathology)	DY90	(4 560)
(Total Salary)		(5 000)

[1] Retiring allowance payable by Retirement System.

21. ————————, Instructor in Clinical Pathology	D	3 900
22. L. R. Grams, Clinical Instructor	D10	450
23. H. A. Grimm, Clinical Instructor	D10	450
24. J. R. Thompson, Clinical Instructor	D10	450
25. F. E. Hirsch, Clinical Instructor	D5	225
26. ————————, Clinical Instructor	D5	225
27. .20 Part-time Assistants	E	560
28. Nonacademic Salaries	H	20 252
Total, Salaries		(86 495)
Wages		3 000
Total, Salaries and Wages		(89 495)
Expense and Equipment		
Expense		9 000
Total, Pathology		$ 98 495

Cooperative Investigations

Salaries and Wages

UNITED STATES PUBLIC HEALTH SERVICE TEACHING CANCER GRANT CT-630 (NATIONAL ADVISORY CANCER COUNCIL)		
1. E. A. Dreskin, Instructor (July 1, 1949, to March 31, 1950, at $250 a month)	GY75	$ 3 000

Pediatrics

Salaries and Wages

1. H. G. Poncher, Professor and Head of Department	AY	$ 12 000
2. J. H. Hess, Professor, *Emeritus* (Without retiring allowance		.....
3. I. P. Bronstein, Associate Professor	AY50	3 500
4. J. B. Richmond, Associate Professor	AY76	6 450
(From Markle Foundation)	DY12	(1 000)
(See Social Welfare Administration)	DY12	(1 000)
(Total Salary)		(8 450)
5. Ralph Spaeth, Assistant Professor	DY50	2 400
6. W. R. Dammers, Instructor	DY	3 600
7. J. E. Atkins, Instructor	DY	3 600
8. Kurt Glaser, Instructor	DY	3 600
9. Carl Marienfeld, Instructor	DY	3 600
10. ————————, Instructor	DY50	1 750
11. Aleta V. Burns, Research Assistant	DY	3 440
12. Nonacademic Salaries	H	3 465
Total, Salaries		(47 405)
Wages		1 800
Total, Salaries and Wages		(49 205)
Expense and Equipment		
Expense		6 000
Total, Pediatrics		$ 55 205

Cooperative Investigations

Salaries and Wages

JOHN AND MARY MARKLE FOUNDATION 50-42-03		
1. ————————, Research Assistant	DY	$ 2 700
UNITED STATES PUBLIC HEALTH SERVICE GRANT C-875 (55-48-05) — ROLE OF AMINO ACID METABOLISM IN LEUKEMIA		
2. Kenji Ozone, Research Assistant	DY	2 700
MEAD JOHNSON AND COMPANY FELLOWSHIP — RESEARCH IN BIOCHEMISTRY		
3. Harry A. Waisman, Research Fellow (Payable in twelve installments from September, 1949)	G	3 500

Pharmacology

Salaries and Wages		
1. C. C. Pfeiffer, Professor and Head of Department	AY	$ 10 400
2. H. A. McGuigan, Professor, *Emeritus*		.....[1]
3. K. R. W. Unna, Associate Professor	A	7 300
4. J. H. Last, Assistant Professor	B	5 800
5. Elizabeth H. Jenney, Research Associate	DY50	2 100
(From Bristol Penicillin Trust)	DY50	(2 100)
(Total Salary)		(4 200)
6. T. R. Sherrod, Instructor	D67	3 125
7. 2.5 Part-time Assistants	DY	9 000
TOXICOLOGY DIVISION		
8. W. J. R. Camp, Professor of Pharmacology and Toxicology; State Toxicologist	AY	8 600
9. V. A. Gant, Assistant Professor of Toxicology	BY	7 000
10. 1.0 Part-time Research Assistants	DY	3 600
11. Nonacademic Salaries	H	13 924
Total, Salaries		(70 849)
Wages, Pharmacology		2 300
Total, Salaries and Wages		(73 149)
Expense and Equipment		
Expense, Pharmacology		12 750
Expense, Toxicology		1 000
Total, Expense and Equipment		(13 750)
Total, Pharmacology		$ 86 899

Cooperative Investigations

Salaries and Wages		
UNITED STATES RENAL PHARMACOLOGY — LAST		
1. E. E. Bond, Research Associate	DY	$ 3 000
ABBOTT LABORATORY FELLOWSHIP		
2. R. I. H. Wang, Research Fellow (Payable in twelve installments from September, 1949)	G	1 500

Physical Medicine and Rehabilitation

Salaries and Wages		
1. H. W. Kendell, Professor and Head of Department; Chief of Physical Medicine in Research and Educational Hospitals	DY75	$ 8 000
2. A. A. Rodriquez, Assistant Professor; Assistant Chief of Physical Medicine in Research and Educational Hospitals	DY	5 000
(From Cooperative Investigations)		(500)
(Total Salary)		(5 500)
OCCUPATIONAL THERAPY		
3. Beatrice D. Wade, Associate Professor; Director of Occupational Therapy in Research and Educational Hospitals	AY	6 000
4. ————, Assistant Professor; Clinical Director of Occupational Therapy	DY	4 500
5. Florence M. MacLean, Instructor	DY60	2 310
(See Research and Educational Hospitals)	H40	(1 540)
(Total Salary)		(3 850)
6. Angeline A. Howard, Instructor	DY60	2 310
(See Research and Educational Hospitals)	H40	(1 540)
(Total Salary)		(3 850)
7. Sarah L. Gephardt, Instructor	DY60	2 310
(See Research and Educational Hospitals)	H40	(1 540)
(Total Salary)		(3 850)

[1] Retiring allowance payable by Retirement System.

8. Alice M. Clement, Instructor	DY60	2 310
(See Research and Educational Hospitals)	H40	(1 540)
(Total Salary)		(3 850)
9. Blanche M. Popelka, Assistant	DY25	825
(See Research and Educational Hospitals)	H75	(2 475)
(Total Salary)		(3 300)
10. Grace W. DeTamble, Assistant	DY20	660
(See Research and Educational Hospitals)	H80	(2 640)
(Total Salary)		(3 300)
11. ————, Assistant	DY10	330
(See Research and Educational Hospitals)	H90	(2 970)
(Total Salary)		(3 300)
12. .50 Part-time Assistants (Urbana)	DY	1 400
13. Nonacademic Salaries	H	5 971
Total, Salaries		(41 926)
Wages		900
Total, Salaries and Wages		(42 826)
Expense and Equipment		
Expense		3 500
Total, Physical Medicine and Rehabilitation		$ 46 326

Physiology

Salaries and Wages		
1. G. E. Wakerlin, Professor and Head of Department	AY	$ 10 400
2. Albert Bachem, Professor of Biophysics	A	6 700
3. C. I. Reed, Professor	A	7 500
4. J. P. Marbarger, Associate Professor		.....
(Salary under Aeromedical and Physical Environment Laboratory)		
5. R. C. Ingraham, Associate Professor	A	6 500
6. W. V. Whitehorn, Assistant Professor	B	7 500
7. A. A. Schiller, Assistant Professor	B	6 000
8. E. Elizabeth Painter, Assistant Professor	B	6 000
9. J. E. Bourque, Assistant Professor	B	4 300
(From Kellogg Foundation)		(1 700)
(Total Salary)		(6 000)
10. E. A. Ohler, Instructor	D	4 300
11. D. E. Philpott, Assistant	E	3 600
12. 3.75 Part-time Assistants	D	10 800
13. Nonacademic Salaries	H	23 867
Total, Salaries		(97 467)
Wages		3 500
Total, Salaries and Wages		(100 967)
Expense and Equipment		
Expense		18 000
Total, Physiology		$118 967

Cooperative Investigations

Salaries and Wages		
MARKLE FOUNDATION — RENAL HYPERTENSION		
1. John M. Marshall, Research Fellow (Payable in twelve installments from September, 1949)	G	$ 2 000
UNITED STATES NAVY RENAL HYPERTENSION		
2. Richard Owen Burns, Jr., Research Fellow (Payable in twelve installments from September, 1949)	G	2 000
UNITED STATES PUBLIC HEALTH SERVICE 170-2C		
3. Dorothy M. Cross, Research Fellow (Payable in twelve installments from September, 1949)	G	2 400

Preventive Medicine and Public Health

Salaries and Wages		
1. ————, Professor	AY	$ 10 000
2. E. E. Kleinschmidt, Associate Professor	AY25	2 600

3. ————, Associate Professor	AY	6 000
4. ————, Associate Professor	AY	5 500
5. M. C. Igloe, Associate Professor	DY16	1 000
6. ————, Assistant	DY	2 400
7. Nonacademic Salaries	H	2 700
Total, Salaries		(30 200)
Wages		2 500
Total, Salaries and Wages		(32 700)
Expense and Equipment		
Expense		2 000
Total, Preventive Medicine and Public Health		$ 34 700

Psychiatry

Salaries and Wages		
1. F. J. Gerty, Professor and Head of Department	AY50	$ 6 150
2. Franz Alexander, Clinical Professor	AY25	2 875
3. W. S. McCulloch, Professor and Neurophysiologist	AY	9 500
4. David Shakow, Professor of Psychology	AY	9 500
5. H. T. Carmichael, Professor	AY50	4 750
6. D. M. Olkon, Clinical Associate Professor, *Emeritus*		.....[1]
7. L. J. Meduna, Associate Professor	AY	6 400
8. F. A. Gibbs, Associate Professor and Electroencephalographer	BY90	6 000
9. A. A. Low, Clinical Associate Professor	BY33	1 750
10. Mrs. Beulah C. Bosselman, Associate Professor	BY33	2 400
11. S. N. Stein, Assistant Professor and Research Physiologist	DY	6 600
12. Mrs. Irene C. Sherman, Assistant Professor	DY33	1 300
(From Department of Public Welfare)	DY50	(3 960)
(Total Salary)		(5 260)
13. L. W. Earley, Assistant Professor	DY	7 200
14. Lester MacLean, Instructor	DY50	3 000
15. Mrs. Virginia Tarlow, Instructor	DY80	3 150
16. C. W. Goodwin, Instructor and Physicist	DY	4 500
17. A. K. Rosenwald, Instructor and Clinical Psychologist	DY	5 000
18. G. T. Stanton, Research Assistant, assigned to Loyola University	DY	2 400
19. ————, Research Assistant, assigned to University of Chicago	DY	2 400
20. ————, Research Assistant, assigned to Northwestern University	DY	2 400
21. Mrs. Erna L. Gibbs, Research Assistant	DY	3 600
22. Nonacademic Salaries	H	54 858
Total, Salaries		(145 733)
Wages		6 200
Total, Salaries and Wages		(151 933)
Expense and Equipment		
Expense		7 230
Total, Psychiatry		$159 163

Cooperative Investigations

Salaries and Wages

UNITED STATES PUBLIC HEALTH SERVICE — GERTY 138.2 FUNDS		
1. J. H. Pathman, Assistant Professor and Psychologist (July 1, 1949, to August 31, 1950)	GY	$ 6 000
2. ————, Instructor	DY	4 200
CW SCHIZ. SHOCK FUNDS		
3. ————, Research Associate	DY	4 000
TEAGLE FOUNDATION FUNDS		
4. Eric Peterson, Research Associate	DY	5 000

[1] Retiring allowance payable by Retirement System.

ROCKEFELLER EPILEPSY FUNDS		
5. ————————, Research Assistant	DY	3 500
MILLER EPILEPSY FUNDS		
6. J. A. Bain, Research Associate in Pharmacology	DY	7 000
CONSULTATION CLINIC FOR EPILEPSY, JUNIOR LEAGUE SOCIAL SERVICE FUND		
7. ————————, Electroencephalographer	DY	3 400
8. ————————, Clinic Physician	DY50	3 300
CONSULTATION CLINIC FOR EPILEPSY, DIVISION OF SERVICES FOR CRIPPLED CHILDREN FUND		
9. ————————, Clinic Physician	DY	5 000
NAVY TASK 2		
10. ————————, Research Associate	DY	4 000
CONSULTATION CLINIC FOR EPILEPSY, DIVISION OF REHABILITATION		
11. Ernst Haase, Clinical Assistant Professor of Neurology	DY20	1 500
12. ————————, Clinic Physician	D25	1 000
DIVIDED POSITIONS		
13. George Mowery, Electroencephalographer (20% Consultation Clinic for Epilepsy Division of Rehabilitation; 80% U.S.P.H.S. R/56)	DY	3 500

Radiology

Salaries and Wages		
1. R. A. Harvey, Professor and Head of Department; Radiologist-in-Chief in Research and Educational Hospitals	DY	$ 14 500
2. T. J. Wachowski, Clinical Professor and Associate Radiologist	AY25	2 050
3. A. S. J. Petersen, Assistant Professor and Assistant Radiologist	BY50	3 850
4. D. P. Slaughter, Assistant Professor of Surgery; Director of Outpatient Tumor Clinic in Research and Educational Hospitals	DY25	1 275
(See Surgery)	DY50	(3 000)
(Total Salary)		(4 275)
5. Abraham Grossman, Assistant Professor and Assistant Radiologist	DY50	3 800
6. Lewis Haas, Assistant Professor and Assistant Radiologist	DY	5 000
7. John Laughlin, Assistant Professor and Radiation Physicist	DY	7 000
RADIOLOGY BETATRON		
8. ————————, Research Associate	DY	6 000
9. Nonacademic Salaries	H	9 300
Total, Salaries		(52 775)
Wages, Radiology		170
Total, Salaries and Wages		(52 945)
Expense and Equipment		
Expense, Radiology		1 000
Expense, Radiology Betatron		2 500
Equipment, Radiology Betatron		6 000
Total, Expense and Equipment		(9 500)
Total, Radiology		$ 62 445

Rush-Presbyterian

Salaries and Wages		
PATHOLOGY		
1. C. B. Taylor, Assistant Professor (Rush)	DY83	$ 5 000
2. René Hardré, Instructor	DY25	1 000
BACTERIOLOGY		
3. .33 Part-time Assistants (Rush)	D	1 200

BIOLOGICAL CHEMISTRY		
4. R. G. Gould, Jr., Associate Professor	D	6 950
5. G. S. Stewart, Instructor	DY50	2 675
LIBRARY		
6. Caroline Riechers, Chief Librarian	DY50	1 300
7. Bernice Ortlepp, Assistant Librarian	DY50	1 300
RADIOLOGY		
8. F. H. Squire, Clinical Professor (Rush)	A33	2 400
PEDIATRICS		
9. H. N. Sanford, Clinical Professor (Rush)	A12	1 200
10. 1.00 Part-time Assistants	D	1 800
ANESTHESIA		
11. C. D. Anderson, Assistant Professor	D33	2 400
Total, Salaries		(27 225)
Expense and Equipment		
Expense		26 824
Total, Rush-Presbyterian		$ 54 049

Surgery

Salaries and Wages		
1. W. H. Cole, Professor and Head of Department; Surgeon-in-Chief in Research and Educational Hospitals	AY	$ 17 000
2. C. H. Phifer, Clinical Professor, *Emeritus*[1]		.....
3. M. S. Sadove, Associate Professor and Acting Head of Anesthesia	DY95	11 100
4. C. B. Puestow, Clinical Professor	AY25	2 875
5. Arrie Bamberger, Clinical Professor	AY6	450
6. R. D. Herrold, Clinical Associate Professor	AY40	2 000
7. Willard Van Hazel, Clinical Associate Professor	AY33	2 300
8. Géza de Takats, Clinical Associate Professor	AY33	2 300
9. C. W. Vermuelen, Clinical Associate Professor	AY50	4 600
10. C. S. Scuderi, Clinical Associate Professor	AY15	900
11. J. H. Kiefer, Associate Professor	AY60	3 120
12. D. P. Slaughter, Assistant Professor; Director of Outpatient Tumor Clinic in Research and Educational Hospitals	DY50	3 000
(See Radiology)	DY25	(1 275)
(Total Salary)		(4 275)
13. ————, Assistant Professor of Anesthesia	DY	6 200
14. ————, Assistant Professor	DY50	2 000
15. J. T. Reynolds, Clinical Assistant Professor	DY40	1 600
16. Carl Ireneus, Jr., Clinical Assistant Professor	DY40	1 600
17. W. A. Conroy, Clinical Assistant Professor of Anesthesia	DY20	1 000
18. ————, Assistant Professor	AY50	3 100
19. W. H. Requarth, Clinical Instructor	DY50	2 000
20. L. W. Peterson, Clinical Instructor	DY40	1 750
21. G. D. Kaiser, Clinical Instructor	DY25	750
(See Anatomy)	DY25	(750)
(Total Salary)		(1 500)
22. .50 Part-time Clinical Assistants	DY	1 600
23. Nonacademic Salaries	H	15 110
Total, Salaries		(86 355)
Wages		2 540
Total, Salaries and Wages		(88 895)
Expense and Equipment		
Expense		20 000
Equipment		1 000
Total, Expense and Equipment		(21 000)
Total, Surgery		$109 895

[1] Retiring allowance payable by Retirement System.

Cooperative Investigations

Salaries and Wages

UNITED STATES PUBLIC HEALTH SERVICE TEACHING CANCER GRANT CT-630

1. J. D. Majarakas, Instructor	DY75	$ 3 000

COLLEGE OF DENTISTRY

Summary

	Salaries and Wages	*Other Expense*	*Total*
Administration	$ 17 340	$ 6 750	$ 24 090
Postgraduate Studies	14 745	4 200	18 945
Admitting Clinic	21 854	800	22 654
Applied Materia Medica and Therapeutics	43 207	2 400	45 607
Crowns and Fixed Partial Dentures	26 015	1 750	27 765
Dental Clinics	15 066	35 000	50 066
Dentistry for Children	10 110	1 500	11 610
Full and Removable Partial Dentures	37 966	1 750	39 716
Graduate Pedodontia	19 140	1 800	20 940
Histology	34 920	2 500	37 420
Medical and Dental History	5 295	.....	5 295
Operative Dentistry	31 400	1 200	32 600
Oral and Maxillofacial Surgery	27 666	2 450	30 116
Orthodontia	26 560	5 500	32 060
Pathology—Division of Oral Pathology	17 917	2 500	20 417
Radiology	14 220	3 000	17 220
Total, College of Dentistry	$363 421	$73 100	$436 521

Expendable Gift Funds

Organized Research:			
Estimated New Projects and Renewals	$ 8 000	$2 000	$10 000

United States Government Contracts

Organized Research:			
Estimated New Projects and Renewals	20 000	7 500	27 500
Total, Trust Funds	$28 000	$9 500	$37 500

Administration

Salaries and Wages		
1. A. G. Brodie, Dean	BY20	$ 3 500
(See Orthodontia)	AY55	(6 500)
(Total Salary)		(10 000)
2. Isaac Schour, Associate Dean in charge of Postgraduate Studies		.....
(Salary under Postgraduate Studies and Histology)		
3. F. B. Noyes, Dean and Professor of Orthodontia, *Emeritus*		
(From Retiring Allowances)		(2 320)
4. Mrs. Nell S. Talbot, Assistant to the Dean	DY70	4 000
(See Medical and Dental History)	AY30	(2 500)
(Total Salary)		(6 500)
5. Nonacademic Salaries	H	9 140
Total, Salaries		(16 640)
Wages		700
Total, Salaries and Wages		(17 340)
Expense and Equipment		
Dental R.O.T.C. Expense		250
General Expense		2 750
Contingent		3 750
Total, Expense and Equipment		(6 750)
Total, Administration		$ 24 090

Postgraduate Studies

Salaries and Wages		
1. Isaac Schour, Associate Dean in charge of Postgraduate Studies	DY18	$ 2 270
(See Histology)	AY82	(10 230)
(Total Salary)		(12 500)
2. E. L. DuBrul, Assistant Professor	BY25	1 325
(See Histology)	BY50	(2 850)
(See Oral and Maxillofacial Surgery)	BY25	(1 825)
(Total Salary)		(6 000)
3. Honorariums for Special Teaching		5 000[1]
4. Nonacademic Salaries	H	5 700
Total, Salaries		(14 295)
Wages		450
Total, Salaries and Wages		(14 745)
Expense and Equipment		
Expense		3 000
Equipment		1 200
Total, Expense and Equipment		(4 200)
Total, Postgraduate Studies		$ 18 945

Admitting Clinic

Salaries and Wages		
1. E. J. Krejci, Examiner and Assistant Professor of Operative Dentistry		.....[2]
2. Arthur Elfenbaum, Examiner and Associate Professor of Clinical Dentistry	AY	$ 6 500
3. 1.50 Part-time Assistants	DY	4 200
4. Nonacademic Salaries	H	10 404
Total, Salaries		(21 104)
Wages		750
Total, Salaries and Wages		(21 854)
Expense and Equipment		
Expense		800
Total, Admitting Clinic		$ 22 654

Applied Materia Medica and Therapeutics

Salaries and Wages		
1. R. G. Kesel, Professor and Head of Department	AY	$ 11 000
2. E. C. Wach, Associate Professor	AY50	3 625
3. D. W. Kerr, Research Assistant Professor (From Graduate Research)	DY	(6 000)
4. E. H. A. Kramp, Assistant Professor	BY50	2 250
5. M. F. Grunwald, Assistant Professor	BY40	1 800
6. Anita Ellingson, Instructor	DY	3 750
7. C. G. Maurice, Instructor	DY50	2 250
8. Saul Levy, Instructor	DY40	1 800
9. .50 Part-time Assistants	DY	1 500
10. Nonacademic Salaries	H	14 232
Total, Salaries		(42 207)
Wages		1 000
Total, Salaries and Wages		(43 207)
Expense and Equipment		
Expense		2 400
Total, Applied Materia Medica and Therapeutics		$ 45 607

[1] To be assigned to departments upon approval of the Dean of the College of Dentistry and the Vice-President for payment of honorariums to part-time staff members and others for extra teaching.

[2] On leave of absence without pay until further notice; disability benefits payable by Retirement System to extent provided by it.

Cooperative Investigations

Salaries and Wages

UNITED STATES PUBLIC HEALTH SERVICE

1. Marvin Jacobson, Research Fellow (Payable in twelve installments from May 1, 1949)	G	$ 3 900

Crowns and Fixed Partial Dentures

Salaries and Wages		
1. S. D. Tylman, Professor and Head of Department	AY60	$ 6 000
2. F. N. Bazola, Assistant Professor	BY50	3 500
3. E. H. Ragan, Assistant Professor	BY50	2 500
4. F. X. Pelka, Instructor	DY50	2 000
(From Lloyd's Somatoprosthesis)	DY50	(2 000)
(Total Salary)		(4 000)
5. L. J. Kulhanek, Instructor	DY50	1 875
6. R. V. Riemer, Instructor	DY30	1 000
7. W. T. Pope, Instructor	DY50	1 500
8. .50 Part-time Assistants	DY	1 400
9. Nonacademic Salaries	H	5 640
Total, Salaries		(25 415)
Wages		600
Total, Salaries and Wages		(26 015)
Expense and Equipment		
Expense		1 750
Total, Crowns and Fixed Partial Dentures		$ 27 765

Dental Clinics

Salaries and Wages		
1. W. H. Kubacki, Director		.....
(Salary under Full and Removable Partial Dentures)		
2. Nonacademic Salaries	H	$ 14 316
Total, Salaries		(14 316)
Wages		750
Total, Salaries and Wages		(15 066)
Expense and Equipment		
Expense, General		11 000
Full and Removable Partial Dentures		8 950
Crowns and Fixed Partial Dentures		8 400
Operative Dentistry		4 550
Applied Materia Medica and Therapeutics		2 100
Total, Expense and Equipment		(35 000)
Total, Dental Clinics		$ 50 066

Dentistry for Children

Salaries and Wages		
1. Elsie Gerlach, Superintendent of Children's Clinic	DY	$ 5 700
Associate Professor	AY	
2. .50 Part-time Assistants	DY	1 290
3. Nonacademic Salaries	H	3 120
Total, Salaries		(10 110)
Expense and Equipment		
Expense		1 500
Total, Dentistry for Children		$ 11 610

Full and Removable Partial Dentures

Salaries and Wages		
1. W. H. Kubacki, Professor and Head of Department; Director of Dental Clinics	AY	$ 9 000
2. J. S. Kellogg, Professor, *Emeritus*		.....[1]

[1] Retiring allowance payable by Retirement System.

3. R. B. Underwood, Instructor	DY80	3 600
(From Kellogg Foundation)	DY20	(900)
(Total Salary)		(4 500)
4. W. J. Kwicinski, Instructor	DY50	2 000
5. G. W. Dittmar, Jr., Instructor	DY50	2 000
6. R. A. Arnold, Instructor	DY50	1 500
7. R. W. Law, Jr., Instructor	DY50	1 500
8. M. A. Szmyd, Instructor	DY50	1 500
9. S. S. Flores, Assistant	DY	2 800
10. .50 Part-time Assistants	DY	2 160
11. Nonacademic Salaries	H	11 406
Total, Salaries		(37 466)
Wages		500
Total, Salaries and Wages		(37 966)
Expense and Equipment		
Expense		1 750
Total, Full and Removable Partial Dentures		$ 39 716

Graduate Pedodontia

Salaries and Wages		
1. Maury Massler, Professor	AY	$ 8 500
2. _____, Instructor	DY	3 600
3. .50 Part-time Assistants	DY	1 500
4. Nonacademic Salaries	H	5 040
Total, Salaries		(18 640)
Wages		500
Total, Salaries and Wages		(19 140)
Expense and Equipment		
Expense		1 800
Total, Graduate Pedodontia		$ 20 940

Histology

Salaries and Wages		
1. Isaac Schour, Professor and Head of Department	AY82	$ 10 230
(See Postgraduate Studies)	DY18	(2 270)
(Total Salary)		(12 500)
2. E. L. DuBrul, Assistant Professor in Oral Anatomy	BY50	2 850
(See Oral and Maxillofacial Surgery)	BY25	(1 825)
(See Postgraduate Studies)	BY25	(1 325)
(Total Salary)		(6 000)
3. F. M. Wentz, Assistant Professor	BY50	2 500
(From United States Public Health Service)	BY50	(2 500)
(Total Salary)		(5 000)
4. J. A. Gagnon, Assistant Professor of Oral Anatomy	BY60	3 000
(See Operative Dentistry)	BY40	(2 000)
(Total Salary)		(5 000)
5. Mrs. Verda E. James, Instructor	DY50	2 000
(From United States Public Health Service)	DY50	(2 000)
(Total Salary)		(4 000)
6. M. J. Shepro, Instructor	DY25	900
7. Nonacademic Salaries	H	11 940
Total, Salaries		(33 420)
Wages		1 500
Total, Salaries and Wages		(34 920)
Expense and Equipment		
Expense, Histology		1 750
Expense, Oral Anatomy and Comparative Odontology		750
Total, Expense and Equipment		(2 500)
Total, Histology		$ 37 420

Cooperative Investigations

Salaries and Wages

UNITED STATES PUBLIC HEALTH SERVICE		
1. S. N. Bhaskar, Research Fellow (Payable in twelve installments from September, 1949)	G	$ 3 000
2. 2.10 Part-time Research Assistants	DY	8 160

Medical and Dental History

Salaries and Wages		
1. Mrs. Nell S. Talbot, Associate Professor	AY30	$ 2 500
(See Administration)	DY70	(4 000)
(Total Salary)		(6 500)
2. Nonacademic Salaries	H	2 700
Total, Salaries		(5 200)
Wages		95
Total, Medical and Dental History		$ 5 295

Operative Dentistry

Salaries and Wages		
1. J. M. Spence, Professor and Head of Department	AY	$ 7 500
2. Margot Ulloa, Associate Professor	AY70	5 075
3. W. A. Link, Assistant Professor	BY50	2 600
4. J. A. Gagnon, Assistant Professor	BY40	2 000
(See Histology)	BY60	(3 000)
(Total Salary)		(5 000)
5. K. P. Sharpe, Instructor	DY40	1 400
6. Jules Berman, Instructor	DY40	1 500
7. Arthur Marc, Instructor	DY50	1 825
8. J. L. Morros, Instructor	DY40	1 400
9. .80 Part-time Assistants	DY	2 320
10. Nonacademic Salaries	H	5 280
Total, Salaries		(30 900)
Wages		500
Total, Salaries and Wages		(31 400)
Expense and Equipment		
Expense		1 200
Total, Operative Dentistry		$ 32 600

Oral and Maxillofacial Surgery

Salaries and Wages		
1. B. G. Sarnat, Professor and Head of Department	AY50	$ 5 500
2. Louis Schultz, Professor, *Emeritus* (From Retiring Allowances)		(600)
3. Eli Olech, Associate Professor and Acting Director of Minor Oral Surgery	AY50	3 750
4. E. L. DuBrul, Assistant Professor	BY25	1 825
(See Postgraduate Studies)	BY25	(1 325)
(See Histology)		(2 850)
(Total Salary)		(6 000)
5. Anna Rieke, Instructor	DY	4 500
6. 1.50 Part-time Assistants	DY	4 000
7. Nonacademic Salaries	H	7 716
Total, Salaries		(27 291)
Wages		375
Total, Salaries and Wages		(27 666)
Expense and Equipment		
Expense		2 450
Total, Oral and Maxillofacial Surgery		$ 30 116

Orthodontia

Salaries and Wages		
1. A. G. Brodie, Professor and Head of Department	AY55	$ 6 500
(See Administration)	BY20	(3 500)
(Total Salary)		(10 000)

2. W. B. Downs, Professor	AY20	2 000
3. ————, Assistant Professor	BY50	3 000
4. E. W. Renfroe, Assistant Professor	BY50	2 500
5. M. B. Engel, Research Assistant Professor	BY50	3 250
6. G. P. Bosscher, Instructor	DY40	2 000
7. Nonacademic Salaries	H	6 360
Total, Salaries		(25 610)
Wages		950
Total, Salaries and Wages		(26 560)
Expense and Equipment		
Expense		5 500
Total, Orthodontia		$ 32 060

Cooperative Investigations

Salaries and Wages

UNITED STATES PUBLIC HEALTH SERVICE

1. E. C. Hissett, Research Fellow (Payable in twelve installments from September, 1949)	G	$ 1 500
2. Jack Weinberg, Research Fellow (Payable in twelve installments from September, 1949)	G	1 500

Pathology — Division of Oral Pathology

Salaries and Wages

1. Joseph Weinmann, Professor	AY	$ 9 000
2. H. P. Steinmeyer, Assistant Professor	BY	6 000
3. Nonacademic Salaries	H	2 592
Total, Salaries		(17 592)
Wages		325
Total, Salaries and Wages		(17 917)
Expense and Equipment		
Expense, Undergraduate Oral Pathology		1 000
Expense, Graduate Oral Pathology		1 500
Total, Expense and Equipment		(2 500)
Total, Pathology — Division of Oral Pathology		$ 20 417

Radiology

Salaries and Wages

1. ————, Associate Professor and Head of Department	DY	$ 7 500
2. Nonacademic Salaries	H	5 960
Total, Salaries		(13 460)
Wages		760
Total, Salaries and Wages		(14 220)
Expense and Equipment		
Expense		3 000
Total, Radiology		$ 17 220

COLLEGE OF PHARMACY

Salaries and Wages

1. E. R. Serles, Dean	BY90	$ 12 000
Professor of Pharmacy	A10	1 000
(Total Salary)		(13 000)
2. F. T. Maher, Assistant Dean	BY	
Professor of Pharmacology and Pharmacognosy and Head of Department	AY	9 000
3. E. N. Gathercoal, Professor of Pharmacognosy, *Emeritus* (From Retiring Allowances)		(2 383)
4. ————, Associate Professor	A	6 000
5. G. L. Webster, Professor of Chemistry	A75	5 500
Head of Department	AY25	2 500
(Total Salary)		(8 000)

6. B. E. Benton, Professor of Manufacturing Pharmacy	A80	4 900
(See Hospital Pharmacy)	AY20	(1 600)
(Total Salary)		(6 500)
7. H. L. Davis, Associate Professor of Chemistry	A	7 000
8. R. E. Terry, Associate Professor	A	5 920
9. E. R. Kirch, Associate Professor of Chemistry	A	5 700
10. R. F. Voigt, Director of Drug Plant Experiment Station	AY40	2 800
Associate Professor of Pharmacognosy and Pharmacology	A60	3 000
(Total Salary)		(5 800)
11. C. W. Clarke, Assistant Professor of Chemistry	B	5 700
12. N. R. Joseph, Assistant Professor of Chemistry	B	5 300
13. A. J. Perkins, Assistant Professor of Chemistry	B	5 300
14. H. M. Emig, Assistant Professor	B	5 500
15. R. M. Besancon, Assistant Professor of Physics	B	4 900
16. J. E. Davis, Assistant Professor of Mathematics	B	5 200
17. P. D. Carpenter, Assistant Professor of Botany and Zoology	B	5 000
18. ————, Assistant Professor	B	4 900
19. ————, Assistant Professor of Pharmacognosy and Pharmacology	B	4 550
20. ————, Assistant Professor of Allergy (From Allergy Unit)	B25	(1 040)
21. L. C. Dolk, Assistant Professor of English	B	4 250
22. Samuel Shkolnik, Lecturer in Pharmaceutical Jurisprudence	D20	950
23. W. R. Collins, Instructor	D15	500
(See Hospital Pharmacy)	DY85	(4 300)
(Total Salary)		(4 800)
24. C. B. Granberg, Instructor in Manufacturing Pharmacy	D5	200
(See Hospital Pharmacy)	DY45	(1 800)
(Total Salary)		(2 000)
25. W. P. Blackmore, Instructor in Manufacturing Pharmacy	D5	200
(See Hospital Pharmacy)	DY45	(1 600)
(Total Salary)		(1 800)
26. ————, Instructor	D	3 900
27. L. J. Schermeister, Instructor in Botany and Pharmacognosy	D	3 500
28. T. M. Brody, Instructor in Pharmacognosy and Pharmacology	D	3 500
29. ————, Instructor in Physics	D	3 900
30. ————, Instructor in Mathematics	D	3 600
31. Alyce C. Friedley, Instructor in Chemistry	D	3 200
32. J. E. Gearien, Instructor in Chemistry	D	3 800
33. Andrew Lasslo, Assistant in Chemistry	G[1]	2 600
34. D. J. Lussman, Assistant in Chemistry	G[1]	2 600
35. M. B. Graber, Assistant in Chemistry	G[1]	2 600
36. F. M. Sagona, Assistant in Pharmacy	G[1]	2 600
37. S. V. Susina, Assistant in Pharmacy	G[1]	2 600
38. Nonacademic Salaries	H	36 976
Total, Salaries		(193 146)
Wages		3 000
Total, Salaries and Wages		(196 146)
Expense and Equipment		
Expense		26 000
Drug Plant Experiment Station Expense		3 000
Equipment		1 750
Total, Expense and Equipment		(30 750)
Total, College of Pharmacy		$226 896

[1] For the academic year 1949-1950; payable in ten installments beginning September, 1949.

Hospital Pharmacy Revolving Account

(Entire budget from receipts)

Salaries and Wages		
1. B. E. Benton, Professor of Manufacturing Pharmacy	AY20	$ (1 600)
(See Pharmacy)	A80	(4 900)
(Total Salary)		(6 500)
2. W. R. Collins, Registered Pharmacist	DY85	(4 300)
(See Pharmacy)	D15	(500)
(Total Salary)		(4 800)
3. C. B. Granberg, Instructor in Manufacturing Pharmacy	DY45	(1 800)
(See Pharmacy)	D5	(200)
(Total Salary)		(2 000)
4. W. P. Blackmore, Instructor in Manufacturing Pharmacy	DY45	(1 600)
(See Pharmacy)	D5	(200)
(Total Salary)		(1 800)
5. Loretto A. Byrne, Assistant in Manufacturing Pharmacy	DY	(3 250)
6. Mrs. Betty J. Susina, Registered Pharmacist	DY	(3 480)
7. G. J. Meletsis, Registered Pharmacist	DY	(3 480)
8. N. Y. Kituse, Registered Pharmacist	DY	(3 200)
9. Mrs. Keo G. Smith, Registered Pharmacist	DY80	(2 880)
10. Alyce A. Godshall, Apprentice	DY	(2 700)
11. 1.00 Part-time Residents	H	(1 320)[1]
12. Nonacademic Salaries	H	(7 386)
Total, Salaries		(36 996)
Wages		(1 500)
Total, Salaries and Wages		(38 496)
Total, Hospital Pharmacy Revolving Account		$(38 496)

Illinois Eye and Ear Infirmary Pharmacy Revolving Account

(Entire budget from receipts)

Salaries and Wages		
1. Joseph Perlman, Registered Pharmacist, in charge of the Hospital Pharmacy	DY	$ (4 000)
2. Frances H. Fenton, Registered Pharmacist	DY	(3 480)
Total, Illinois Eye and Ear Infirmary Pharmacy Revolving Account		$ (7 480)

GRADUATE COLLEGE

Summary

Instruction and Administration	*Salaries and Wages*	*Other Expense*	*Total*
Administration	$ 1 600	$400	$ 2 000
Fellowships	18 000	....	18 000
Total, Graduate College	$19 600	$400	$20 000

Administration

(Under the Direction of the Dean of the Graduate College)

Salaries and Wages		
1. M. V. Novak, Assistant Dean		.....
(Salary under Medicine, Bacteriology)		
2. Nonacademic Salaries	H	$ 1 500
Wages		100
Total, Salaries and Wages		(1 600)
Expense and Equipment		
Expense		400
Total, Administration		$ 2 000

[1] With full maintenance, uniforms, tuition, and fees in the Graduate College, valued at $384 a year, furnished for the convenience of the University.

Fellowships

Salaries and Wages		
Salaries of Fellows		$ 18 000
Total, Fellowships		$ 18 000

SCHOOL OF NURSING

Salaries and Wages		
1. ————, Director	DY	$ 7 200
2. Mrs. Ann L. Laird, Acting Director	DY25	1 680
(See Research and Educational Hospitals, Nursing)	DY75	(4 620)
(Total Salary)		(6 300)[1]
3. Ruth M. Carroll, Associate Director	DY10	600
(See Research and Educational Hospitals, Nursing)	H90	(3 816)
(Total Salary)		(4 416)[2]
4. ————, Associate Director and Coordinator	DY50	3 000
5. Helen Bruck, Clinical Instructor of Nursing (Orthopaedic)	DY	3 744[3]
6. ————, Clinical Instructor of Nursing (Orthopaedic)	DY	3 216[2]
7. Dorothy Rausch, Clinical Instructor of Nursing (Pediatric)	DY	3 504[3]
8. Nonacademic Salaries	H	2 424
Total, Salaries		(25 368)
Wages		315
Total, Salaries and Wages		(25 683)
Expense and Equipment		
Expense		36 300
Equipment		2 000
Total, Expense and Equipment		(38 300)
Total, School of Nursing		$ 63 983

PHYSICAL EDUCATION FOR MEN

Salaries and Wages		
1. J. W. Brown, Instructor	DY	$ 4 800
2. Nonacademic Salaries	H	2 802
Total, Salaries		(7 602)
Wages		1 788
Total, Salaries and Wages		(9 390)
Expense and Equipment		
Expense		2 200
Equipment		500
Total, Expense and Equipment		(2 700)
Total, Physical Education for Men		$ 12 090

AEROMEDICAL AND PHYSICAL ENVIRONMENT LABORATORY

(Under the Supervision of the Vice-President)

Salaries and Wages		
1. J. P. Marbarger, Director of Research	BY}	$ 8 000
Associate Professor of Physiology	AY}	
2. M. K. Fahnestock, Engineering Director		.....
(Salary under College of Engineering)		
3. Victor Guillemin, Jr., Biophysicist and Professor of Biophysics	AY	8 500
4. ————, Physiologist	DY	6 000

[1] With room and one meal a day while on duty, valued at $192 a year, furnished for the convenience of the employee.

[2] With room and board while on duty, valued at $384 a year, furnished for the convenience of the employee.

[3] With one meal a day while on duty, valued at $96 a year, furnished for the convenience of the employee.

5. Nonacademic Salaries	H	17 500
Total, Salaries		(40 000)
Wages		3 000
Total, Salaries and Wages		(43 000)
Expense and Equipment		
Expense		14 750
Total, Aeromedical and Physical Environment Laboratory		$ 57 750

INSTITUTION FOR TUBERCULOSIS RESEARCH

Salaries and Wages		
1. S. R. Rosenthal, Director	BY50	$ 5 000
(From Research Foundation)	BY50	(5 000)
(Total Salary)		(10 000)
2. ————, Assistant Director	BY	6 000
3. Nonacademic Salaries	H	8 500
Total, Salaries		(19 500)
Wages		1 500
Total, Salaries and Wages		(21 000)
Expense and Equipment		
Expense		6 000
Equipment		9 000
Total, Expense and Equipment		(15 000)
Total, Institution for Tuberculosis Research		$ 36 000

RESEARCH AND EDUCATIONAL HOSPITALS

Summary

	Salaries and Wages	*Other Expense*	*Total*
Administration	$ 56 205	$ 23 000	$ 79 205
Anesthesia	.....	4 000	4 000
Central Supply	20 370	13 000	33 370
Clinics	146 306	13 000	159 306
Dietary	187 307	152 400	339 707
Laboratory	80 320	13 500	93 820
Linen Service	13 678	55 500	69 178
Medical Records	48 600	7 000	55 600
Nursing	445 256	9 000	454 256
Nurses Residence	10 392	4 500	14 892
Operating Room	53 904	23 000	76 904
Orthopaedic Surgery	5 532	1 500	7 032
Patient Drugs	.....	40 000	40 000
Pathology	25 550	7 000	32 550
Physical Medicine and Rehabilitation	54 283	9 500	63 783
Radiology	40 442	37 000	77 442
Resident Staff	48 180	21 500	69 680
Social Service	38 818	3 800	42 618
Surgical Dressings	2 874	8 500	11 374
Ward Expense	.....	16 780	16 780
Total, Research and Educational Hospitals	$1 278 017	$463 480	$1 741 497

Expendable Gift Funds

Organized Research:			
Estimated New Projects and Renewals	$500	$250	$750

Administration

Salaries and Wages		
1. J. B. Youmans, Medical Director	.....	.....
(Salary under Medicine, Administration)		

2. J. E. Millizen, Administrator	DY	$ 9 300
3. M. C. Benford, Associate Medical Director (Salary under Clinics)		.....
4. R. C. Berson, Assistant Medical Director	DY67	5 325
(See Medicine, Administration)	DY33	(2 675)
(Total Salary)		(8 000)
5. Nonacademic Salaries	H	36 580
Total, Salaries		(51 205)
Wages		5 000
Total, Salaries and Wages		(56 205)
Expense and Equipment		
Expense		12 000
Equipment		11 000
Total, Expense and Equipment		(23 000)
Total, Administration		$ 79 205

Anesthesia

Expense and Equipment		
Expense		$ 3 500
Equipment		500
Total, Anesthesia		$ 4 000

Central Supply

Salaries and Wages		
1. Mrs. Ann L. Laird, Head of Central Supply (Salary under Nursing)		.....
2. Nonacademic Salaries	H	$ 14 214
Wages		6 156
1 Nurses Aide at $1,704[1]		
2 Nurses Aides at $2,046[1]		
Total, Salaries and Wages		(20 370)
Expense and Equipment		
Expense		12 000
Equipment		1 000
Total, Expense and Equipment		(13 000)
Total, Central Supply		$ 33 370

Clinics

Salaries and Wages		
1. M. C. Benford, Director of Clinics and Associate Medical Director (See Medicine, Ophthalmology)	DY67	$ 5 600
2. Retta E. Boyd, Assistant Director of Clinics, in charge of Neuropsychiatric Clinics	DY	4 350
3. D. P. Slaughter, Director of Outpatient Tumor Clinic (Salary under Medicine, Surgery and Radiology)		.....
4. Nonacademic Salaries	H	131 856
Total, Salaries		(141 806)
Wages		4 500
Total, Salaries and Wages		(146 306)
Expense and Equipment		
Expense		12 000
Equipment		1 000
Total, Expense and Equipment		(13 000)
Total, Clinics		$159 306

Dietary

Salaries and Wages		
1. Nonacademic Salaries	H	$ 43 164

[1] With one meal a day, valued at $96 a year, furnished for the convenience of the employee.

Wages		144 143[1]
Includes:		
1 Head Cook at $2,652		
1 Head Cook at $2,628		
1 Cook I Grade at $2,460		
1 Cook I Grade at $2,376		
1 Cook II Grade at $1,902		
1 Senior Kitchen Helper at $2,298		
1 Senior Kitchen Helper at $2,274		
2 Senior Kitchen Helpers at $2,178		
1 Senior Kitchen Helper at $2,130		
1 Senior Kitchen Helper at $2,118		
1 Senior Kitchen Helper at $2,022		
1 Senior Kitchen Helper at $2,004		
2 Senior Kitchen Helpers at $1,800		
1 Senior Kitchen Helper at $1,926		
1 Senior Kitchen Helper at $1,866		
1 Senior Kitchen Helper at $1,842		
1 Senior Kitchen Helper at $1,890		
5 Senior Kitchen Helpers at $1,770		
1 Senior Kitchen Helper at $1,830		
4 Senior Kitchen Helpers at $2,046		
1 Kitchen Helper at $2,034		
2 Kitchen Helpers at $1,998		
1 Kitchen Helper at $1,974		
1 Kitchen Helper at $1,938		
1 Kitchen Helper at $1,884		
1 Kitchen Helper at $1,866		
1 Kitchen Helper at $1,902		
2 Kitchen Helpers at $1,806		
3 Kitchen Helpers at $1,770		
29 Kitchen Helpers at $1,710		
Total, Salaries and Wages		(187 307)
Expense and Equipment		
Expense		148 400
Equipment		4 000
Total, Expense and Equipment		(152 400)
Total, Dietary		$339 707[2]

Laboratory

Salaries and Wages		
1. S. A. Levinson, Director of Hospital Laboratory and Professor of Pathology	AY	$ 10 750
2. R. P. MacFate, Assistant Director of Hospital Laboratory	DY70	4 350
(See Medicine, Pathology)	DY20	(1 250)
(Total Salary)		(5 600)
3. Nonacademic Salaries	H	56 220
Total Salaries		(71 320)
Wages		9 000
Total, Salaries and Wages		(80 320)
Expense and Equipment		
Expense		13 000
Equipment		500
Total, Expense and Equipment		(13 500)
Total, Laboratory		$ 93 820

[1] With one meal a day, valued at $96 a year, furnished for the convenience of the employee.

[2] The operating budget of this department is also to be credited monthly with the income received from the Illinois Neuropsychiatric Institute and the Institute for Juvenile Research for meals served to patients and personnel.

Linen Service

Salaries and Wages		
1. Nonacademic Salaries	H	$ 12 468
Wages		1 210
Total, Salaries and Wages		(13 678)
Expense and Equipment		
Expense		55 000
Equipment		500
Total, Expense and Equipment		(55 500)
Total, Linen Service		$ 69 178

Medical Records

Salaries and Wages		
1. Nonacademic Salaries	H	$ 44 400
Wages		4 200
Total, Salaries and Wages		(48 600)
Expense and Equipment		
Expense		6 000
Equipment		1 000
Total, Expense and Equipment		(7 000)
Total, Medical Records		$ 55 600

Nursing

Salaries and Wages		
1. Mrs. Ann L. Laird, Director of Nursing, Head of Operating Room Service, Head of Nurses Residence, and Head of Central Supply	DY75	$ 4 620
(See School of Nursing)	DY25	(1 680)
(Total Salary)		(6 300)[1]
2. Nonacademic Salaries	H	312 714
Total, Salaries		(317 334)
Wages		127 922[2]
Includes:		
2 Nurses Aides at $1,644		
27 Nurses Aides at $1,710		
2 Nurses Aides at $1,790		
1 Nurses Aide at $1,998		
3 Nurses Aides at $2,004		
2 Nurses Aides at $2,010		
10 Nurses Aides at $2,046		
1 Orderly at $1,902		
2 Orderlies at $1,908		
2 Orderlies at $2,240		
1 Hospital Attendant at $2,028		
2 Ward Clerks at $1,920		
1 Ward Clerk at $2,100		
1 Ward Clerk at $2,142		
1 Ward Clerk at $2,160		
1 Ward Clerk at $2,220		
Total, Salaries and Wages		(445 256)
Expense and Equipment		
Expense		9 000
Total, Nursing		$454 256

Nurses Residence

Salaries and Wages		
1. Mrs. Ann L. Laird, Head of Nurses Residence (Salary under Nursing)		.....
2. Nonacademic Salaries	H	$ 9 192
Wages		1 200
Total, Salaries and Wages		(10 392)

[1] With room and one meal a day while on duty, valued at $192 a year, furnished for the convenience of the employee.

[2] With one meal a day while on duty, valued at $96 a year, furnished for the convenience of the employee.

Expense and Equipment		
Expense		3 500
Equipment		1 000
Total, Expense and Equipment		(4 500)
Total, Nurses Residence		$ 14 892

Operating Room

Salaries and Wages		
1. W. H. Cole, Surgeon-in-Chief (Salary under Medicine, Surgery)		.....
2. Mrs. Ann L. Laird, Director of Nursing and Head of Operating Room Service (Salary under Nursing)		.....
3. Nonacademic Salaries	H	$ 39 954
Wages		13 050[1]
Includes:		
1 Nurses Aide at $2,046		
1 Nurses Aide at $1,980		
1 Nurses Aide at $1,884		
1 Ward Clerk at $1,980		
1 Orderly at $2,100		
1 Orderly at $2,160		
Total, Salaries and Wages		(53 904)
Expense and Equipment		
Expense		22 000
Equipment		1 000
Total, Expense and Equipment		(23 000)
Total, Operating Room		$ 76 904

Orthopaedic Surgery

Salaries and Wages		
1. F. A. Chandler, Professor and Head of Department; Director of the Illinois Surgical Institute (Salary under Medicine, Orthopaedic Surgery)		.....
2. Nonacademic Salaries	H	5 232
Total, Salaries		(5 232)
Wages		300
Total, Salaries and Wages		(5 532)
Expense and Equipment		
Expense		1 500
Total, Orthopaedic Surgery		$ 7 032

Pathology

Salaries and Wages		
1. G. A. Bennett, Pathologist-in-Chief (Salary under Medicine, Pathology)		.....
2. C. A. Krakower, Associate Pathologist (Salary under Medicine, Pathology)		.....
3. Maurice Lev, Associate Pathologist (Salary under Medicine, Pathology)		.....
4. Elizabeth A. McGrew, Assistant Pathologist	DY90	$ 4 560
(See Medicine, Pathology)	DY10	(440)
(Total Salary)		(5 000)
5. Nonacademic Salaries	H	18 790
Total, Salaries		(23 350)
Wages		2 200
Total, Salaries and Wages		(25 550)
Expense and Equipment		
Expense		7 000
Total, Pathology		$ 32 550

[1] With one meal a day, valued at $96 a year, furnished for the convenience of the employee.

Patient Drugs		
Expense and Equipment		
Expense		$ 40 000
Total, Patient Drugs		$ 40 000
Physical Medicine and Rehabilitation		
Salaries and Wages		
1. H. W. Kendell, Chief of Physical Medicine (Salary under Medicine, Physical Medicine and Rehabilitation)		.....
2. A. A. Rodriques, Assistant Chief of Physical Medicine (Salary under Medicine, Physical Medicine and Rehabilitation)		.....
3. Beatrice D. Wade, Director of Occupational Therapy (Salary under Medicine, Physical Medicine and Rehabilitation)		.....
4. ————, Clinical Director of Occupational Therapy (Salary under Medicine, Physical Medicine and Rehabilitation)		.....
5. Nonacademic Salaries	H	52 283
Total, Salaries		(52 283)
Wages		2 000
Total, Salaries and Wages		(54 283)
Expense and Equipment		
Expense, Physical Therapy		3 000
Expense, Occupational Therapy		3 000
Equipment, Physical Therapy		2 500
Equipment, Occupational Therapy		1 000
Total, Expense and Equipment		(9 500)
Total, Physical Medicine and Rehabilitation		$ 63 783
Radiology		
Salaries and Wages		
1. R. A. Harvey, Radiologist-in-Chief (Salary under Medicine, Radiology)		.....
2. Nonacademic Salaries	H	$ 36 942
Total, Salaries		(36 942)
Wages		3 500
Total, Salaries and Wages		(40 442)
Expense and Equipment		
Expense		35 000
Equipment		2 000
Total, Expense and Equipment		(37 000)
Total, Radiology		$ 77 442
Resident Staff		
Salaries and Wages		
1. J. B. Youmans, Medical Director (Salary under Medicine)		.....
Wages		48 180[1]
Includes:		
20 First-year Residents at $660		
21 Second-year Residents at $880		
15 Third-year Residents at $1,100		
Total, Salaries and Wages		(48 180)
Expense and Equipment		
Expense		21 000
Equipment		500
Total, Expense and Equipment		(21 500)
Total, Resident Staff		$ 69 680

[1] With full maintenance, valued at $384 a year, furnished for the convenience of the University.

Social Service		
Salaries and Wages		
1. Marian E. Russell, Director	DY	$ 6 000
2. Nonacademic Salaries	H	31 918
Total, Salaries		(37 918)
Wages		900
Total, Salaries and Wages		(38 818)
Expense and Equipment		
Expense		3 000
Equipment		800
Total, Expense and Equipment		(3 800)
Total, Social Service		$ 42 618
Surgical Dressings		
Salaries and Wages		
1. Nonacademic Salaries	H	$ 2 874
Expense and Equipment		
Expense		8 500
Total, Surgical Dressings		$ 11 374
Ward Expense		
Expense and Equipment		
Expense		$ 16 780
Total, Ward Expense		$ 16 780
Sewing and Mending Stores		
(Entire budget from charges to departments)		
Salaries and Wages		
1. Nonacademic Salaries	H	$(11 640)
Total, Sewing and Mending Stores		$(11 640)
ILLINOIS EYE AND EAR INFIRMARY		
Salaries and Wages		
1. J. B. Youmans, Medical Director		.....
(Salary under Medicine, Administration)		
2. F. L. Lederer, Otolaryngologist-in-Chief		.....
(Salary under Medicine, Otolaryngology)		
3. W. F. Hughes, Jr., Ophthalmologist-in-Chief		.....
(Salary under Medicine, Ophthalmology)		
4. J. E. Millizen, Administrative Supervisor		.....
(Salary under Research and Educational Hospitals, Administration)		
5. ————, Chief Resident and Clinical Teaching Assistant	GY50	$ 1 800
(July 1, 1949, to August 31, 1950, at annual rate of $1,800)		
6. Nonacademic Salaries	H	137 944
Total, Salaries		(139 744)
Wages		44 560
Includes:		
16 Nurses Aides at $1,800[1]		
3 Orderlies at 2,040[1]		
8 Residents at $880		
Overtime and student help $2,600		
Total, Salaries and Wages		(184 304)
Expense and Equipment		
Expense		5 200
Total, Illinois Eye and Ear Infirmary		$189 504

[1] With one meal a day while on duty, valued at $96 a year, furnished for the convenience of the employee.

DIVISION OF SERVICES FOR CRIPPLED CHILDREN

Summary

	Salaries and Wages	*Other Expense*	*Total*
State Funds	$214 557	$817 500	$1 032 057
Federal Funds	139 488	81 360	220 848
Total, Division of Services for Crippled Children	$354 045	$898 860	$1 252 905

State

Salaries and Wages		
1. H. R. Kobes, Director (Salary under Federal Funds)		.....
2. Nonacademic Salaries	H	$ 205 344
Total, Salaries		(205 344)
Wages		9 213
Total, Salaries and Wages		(214 557)
Expense and Equipment		
Expense		806 500
Equipment		4 000
Travel		7 000
Total, Expense and Equipment		(817 500)
Total, Division of Services for Crippled Children (State)		$1 032 057

Federal

Salaries and Wages		
1. H. R. Kobes, Director (July 1, 1949, to June 30, 1951)	GY	$ 10 000
2. Herbert Koepp-Baker, Director of Cleft Palate Training Project	DY75	7 500
(See Medicine, Otolaryngology)	DY25	(2 700)
(Total Salary)		(10 200)
3. Samuel Pruzansky, Research Assistant in Orthodontia (One year from February 15, 1949)	GY	2 500
4. Nonacademic Salaries	H	116 988
Total, Salaries		(136 988)
Wages		2 500
Total, Salaries and Wages		(139 488)
Expense and Equipment		
Expense		47 360
Travel		25 500
Equipment		8 500
Total, Expense and Equipment		(81 360)
Total, Division of Services for Crippled Children (Federal)		$220 848

LIBRARY

Salaries and Wages		
1. Wilma Troxel, Librarian and Assistant Professor of Library Science	BY	$ 5 300
2. Metta M. Loomis, Librarian, *Emerita* (From Retiring Allowances)		(1 213)
3. Margaret M. Bates, Assistant Librarian, with rank of Instructor	DY	4 000
4. Lorena Clarke, Catalog Librarian, with rank of Instructor	DY	4 000
5. Mrs. Dorothea M. Wheeler, Pharmacy Reference Librarian, with rank of Instructor	DY	3 600
6. Elsie Bergland, Circulation and Reference Librarian, with rank of Instructor	DY	3 600
7. Mrs. Helen F. Roop, Cataloger, with rank of Instructor	DY	3 500

8. Caroline Reichers, Chief Librarian of Rush Medical College, with rank of Instructor		.....
(Salary under Rush-Presbyterian)		
9. Nonacademic Salaries	H	15 714
Total, Salaries		(39 714)
Wages		2 080
Total, Salaries and Wages		(41 794)
Expense and Equipment		
Expense		2 500
Equipment		1 500
Library Additions		18 000
Total, Expense and Equipment		(22 000)
Total, Library		$ 63 794

PHYSICAL PLANT DEPARTMENT

Summary

Operation and Maintenance	*Salaries and Wages*	*Other Expense*	*Total*
Administration	$53 712	$12 760	$ 66 472
Operation			
Building Operation	299 965	25 534	325 499
Police and Watchmen	46 027	6 157	52 184
Sub-total, Operation	(399 704)	(44 451)	(444 155)
Maintenance			
Building Maintenance	215 507	115 394	330 901
Grounds	19 738	3 195	22 933
Sub-total, Maintenance	(235 245)	(118 589)	(353 834)
Utilities			
Heat, Light, and Power	134 538	136 226	270 764
Total, Operation and Maintenance	(769 487)	(299 266)	(1 068 753)[1]
Debt Service and Other Items			
Chicago Illini Union Building	.....	23 777	23 777[2]
Medical and Dental College Building	.....	78 000	78 000[3]
Total, Debt Service and Other Items	.....	(101 777)	(101 777)
Sub-total	(769 487)	(401 043)	(1 170 530)
Operation and Maintenance			
Institution for Tuberculosis Research	21 547	13 953	35 500
Total, Physical Plant Department	$791 034	$414 996	$1 206 030

Administration

(Under the Direction of the Director of the Physical Plant)

Salaries and Wages		
1. H. W. Pearce, Superintendent of Buildings and Grounds	DY	$ 8 500
2. Nonacademic Salaries	H	43 720
Total, Salaries		(52 220)
Wages		1 492
Total, Salaries and Wages		(53 712)
Expense and Equipment		
Expense		11 360
Equipment		1 400
Total, Expense and Equipment		(12 760)
Total, Administration		$ 66 472

[1] Estimated amount of $62,000 to be expended from restricted student fees in connection with Medical and Dental College Building bond issue.
[2] Included also in estimated expenditures for the Chicago Illini Union.
[3] To be paid from student fees restricted in connection with Medical and Dental College Building bond issue.

Building Operation		
Salaries and Wages		
1. Nonacademic Salaries	H	$ 12 060
Wages		287 905
Total, Salaries and Wages		(299 965)
Expense and Equipment		
Expense		24 494
Equipment		1 040
Total, Expense and Equipment		(25 534)
Total, Building Operation		$325 499
Police and Watchmen		
Salaries and Wages		
1. Nonacademic Salaries	H	$ 12 480
Wages		33 547
Total, Salaries and Wages		(46 027)
Expense and Equipment		
Expense		6 157
Total, Police and Watchmen		$ 52 184
Building Maintenance		
Salaries and Wages		
1. Nonacademic Salaries	H	$ 21 900
Wages, General		123 607
Wages, Renewals and Replacements		70 000
Total, Wages		(193 607)
Total, Salaries and Wages		(215 507)
Expense and Equipment		
Expense		17 962
Renewals and Replacements		95 650
Equipment		1 782
Total, Expense and Equipment		(115 394)
Total, Building Maintenance		$330 901
Grounds Maintenance		
Salaries and Wages		
Wages		$ 19 738
Expense and Equipment		
Expense		2 520
Equipment		675
Total, Expense and Equipment		(3 195)
Total, Grounds Maintenance		$ 22 933
Heat, Light, and Power		
Salaries and Wages		
1. Nonacademic Salaries	H	$ 29 520
Wages		105 018
Total, Salaries and Wages		(134 538)
Expense and Equipment		
Expense		135 726
Equipment		500
Total, Expense and Equipment		(136 226)
Total, Heat, Light, and Power		$270 764
Debt Service and Other Special Items		
CHICAGO ILLINI UNION BUILDING		
Expense and Equipment		
Faculty and Staff Service Charges		$ 13 370
Food Service		10 407
Total, Chicago Illini Union Building		(23 777)

MEDICAL AND DENTAL COLLEGE BUILDING DEBT SERVICE

Expense and Equipment		
For interest and principal on Medical and Dental College Building Bond Issue		78 000
Total, Medical and Dental College Building Debt Service		(78 000)
Total, Debt Service and Other Special Items		$101 777

Architectural Division

(Entire budget from charges to capital or operating appropriations on basis of work performed)

Salaries and Wages		
1. Nonacademic Salaries	H	$(28 020)
Expense and Equipment		
Expense		(1 150)
Equipment		(115)
Total, Expense and Equipment		(1 265)
Total, Architectural Division		$(29 285)

Telephone System Operation

(Entire budget from charges to departments)

Salaries and Wages		
1. Nonacademic Salaries	H	$ (4 200)
Wages		(19 417)
Total, Salaries and Wages		(23 617)
Expense and Equipment		
Expense		(60 045)
Total, Telephone System Operation		$(83 662)

Laundry Operation

(Entire budget from charges to departments)

Salaries and Wages		
1. Nonacademic Salaries	H	$ (8 940)
Wages		(50 480)
Total, Salaries and Wages		(59 420)
Expense and Equipment		
Expense		(21 080)
Total, Laundry Operation		$(80 500)

Institution for Tuberculosis Research

Salaries and Wages	
Wages	$ 21 547
Expense and Equipment	
Expense	13 953
Total, Institution for Tuberculosis Research	$ 35 500

AUXILIARY ENTERPRISES

Summary

The balances, receipts, and credits of the following self-supporting accounts and activities are appropriated for the expense of operation and maintenance of these activities.

Chicago Illini Union	*Salaries and Wages*	*Other Expense*	*Total*
General Building	$12 456	$ 12 543	$ 24 999
Food Service	66 025	104 799	170 824
Total, Auxiliary Enterprises	$78 481	$117 342	$195 823

Illini Union

General Building

Salaries and Wages		
1. Nonacademic Salaries	H	$ 8 891
Wages		3 565
Total, Salaries and Wages		(12 456)
Expense and Equipment		
Expense		12 543
Total, General Building		$ 24 999

Food Service

Salaries and Wages		
1. Nonacademic Salaries	H	$ 7 511
Wages		58 514
Total, Salaries and Wages		(66 025)
Expense and Equipment		
Expense		104 799
Total, Food Service		$170 824

SCHOLARSHIPS, FELLOWSHIPS, AND PRIZES

Expendable Gift and Endowment Funds	*Salaries and Wages*	*Other Expense*	*Total*
Endowment Income	.....	$ 5 000	$ 5 000
Gifts	.....	20 000	20 000
Total	.....	$25 000	$25 000

CHICAGO UNDERGRADUATE DIVISION

SUMMARY OF BUDGET APPROPRIATIONS

Educational and General	*From General Income*	*From Restricted Income*	*Total*
Administration and General			
General Administrative Offices	$154 016	.....	$154 016
General Student Service	137 557	.....	137 557
General University Service	15 630	.....	15 630
Total, Administration and General	(307 203)	.....	(307 203)
Instruction and Departmental Research			
Liberal Arts and Sciences	691 165	.....	691 165
Engineering	319 940	.....	319 940
Commerce and Business Administration	120 420	.....	120 420
Physical Education	103 920	.....	103 920
Summer Session	87 340	.....	87 340
Division of Special Services for War Veterans	20 460	.....	20 460
Sub-total, Instruction and Departmental Research	(1 343 245)	.....	(1 343 245)
Libraries	113 506	.....	113 506
Physical Plant Operation and Maintenance	764 279	.....	764 279
Total, Educational and General	(2 528 233)	.....	(2 528 233)
Auxiliary Enterprises	.....	$483 450	$483 450
Noneducational			
Veterans' Books and Supplies	.....	20 000	20 000
Total, Appropriations	$2 528 233	$503 450	$3 031 683

COMPARATIVE SUMMARY OF BUDGET APPROPRIATIONS

Educational and General	*Salaries and Wages*	*Other Expense*	*Total*
Administration and General			
General Administrative Offices	$122 096	$31 920	$154 016
General Student Service	125 957	11 600	137 557
General University Service	11 630	4 000	15 630
Total, Administration and General	(259 683)	(47 520)	(307 203)
Instruction and Departmental Research			
Liberal Arts and Sciences	637 715	53 450	691 165
Engineering	287 890	32 050	319 940
Commerce and Business Administration	117 420	3 000	120 420
Physical Education	78 220	25 700	103 920
Summer Session	87 340	.....	87 340
Division of Special Services for War Veterans	17 195	3 265	20 460
Sub-total, Instruction and Departmental Research	(1 225 780)	(117 465)	(1 343 245)
Libraries	68 796	44 710	113 506
Physical Plant Operation and Maintenance	458 201	306 078	764 279
Total, Educational and General	(2 012 460)	(515 773)	(2 528 233)
Auxiliary Enterprises	139 700	343 750	483 450
Noneducational			
Veterans' Books and Supplies	.....	20 000	20 000
Total, Appropriations	$2 152 160	$879 523	$3 031 683

GENERAL ADMINISTRATIVE OFFICES, DEPARTMENTS, AND EXPENSE

General Administrative Offices	*Salaries and Wages*	*Other Expense*	*Total*
Dean's Office	$24 350	$8 500	$32 850
Business Office	36 420	7 000	43 420
Admissions and Records	52 256	14 440	66 696
Nonacademic Personnel	9 070	1 980	11 050
Total, General Administrative Offices	(122 096)	(31 920)	(154 016)
General Student Service			
Dean of Students	26 600	3 000	29 600
Health Service	35 045	2 300	37 345
Student Counseling Bureau	64 312	6 300	70 612
Total, General Student Service	(125 957)	(11 600)	(137 557)
General University Service			
Public Information	11 630	4 000	15 630
Total, General University Service	(11 630)	(4 000)	(15 630)
Total, General Administrative Offices, Departments, and Expense	$259 683	$47 520	$307 203

ADMINISTRATION AND GENERAL

Office of the Dean

Salaries and Wages			
1. C. C. Caveny, Dean	DY		$ 11 250
With Rank of Professor	AY		
2. H. N. Cooley, Assistant to the Dean	DY		6 500
3. Nonacademic Salaries	H		6 300
Total, Salaries			(24 050)
Wages			300
Total, Salaries and Wages			(24 350)
Expense and Equipment			
Expense			5 000
Equipment			500
Contingent			3 000
Total, Expense and Equipment			(8 500)
Total, Office of the Dean			$ 32 850

Student Counseling Bureau

Salaries and Wages			
1. P. C. Greene, Director and Assistant Professor of Psychology	BY		$ 7 000
2. W. F. Thomas, Associate Director and Assistant Professor of Psychology	BY		6 500
3. ————, Counselor and Assistant Professor of Psychology	BY		5 500
4. ————, Counselor and Assistant Professor of Psychology	DY		5 500
5. W. E. Dutton, Counselor and Instructor in Psychology	DY		5 200
6. Mrs. Bernice R. Bild, Assistant Counselor and Psychometrist, and Instructor in Psychology	DY		3 900
7. ————, Assistant Counselor and Instructor in Psychology	DY		3 600
8. R. W. Arms, Assistant Psychometrist	DY		3 200
9. ————, Personnel Technician	DY		2 800
10. ————, Staff Counselor	G[1]		500
11. R. M. Price, Staff Counselor	G[1]		700
(See Physics)	B50		(3 000)
(See Engineering Administration)	DY50		(3 000)
(Total Salary)			(6 700)

[1] Overtime basis 25 per cent.

12. E. A. Lipman, Staff Counselor	G[1]	700
(See Social Sciences)	A	(5 700)
(Total Salary)		(6 400)
13. A. F. Silkett, Staff Counselor	G[1]	700
(See Physics)	D	(4 740)
(Total Salary)		(5 440)
14. H. J. Johnson, Staff Counselor	G[1]	700
(See Physics)	D	(4 245)
(Total Salary)		(4 945)
15. F. L. Koranda, Staff Counselor	G[1]	600
(See Physical Science)	D	(4 000)
(Total Salary)		(4 600)
16. P. E. Siegle, Staff Counselor	G[1]	700
(See Social Sciences)	D	(3 800)
(Total Salary)		(4 500)
17. E. W. Berg, Staff Counselor	G[1]	700
(See Commerce)	D	(3 800)
(Total Salary)		(4 500)
18. Ann E. Heilman, Staff Counselor	G[1]	600
(See Social Sciences)	D	(3 800)
(Total Salary)		(4 400)
19. Mrs. Helen W. Sears, Staff Counselor	G[1]	700
(See Mathematics)	D	(3 600)
(Total Salary)		(4 300)
20. ————, Staff Counselor	G[1]	500
21. ————, Staff Counselor	G[1]	500
22. Nonacademic Salaries	H	11 252
Total, Salaries		(62 052)
Wages		2 260
Total, Salaries and Wages		(64 312)
Expense and Equipment		
Expense		5 000
Equipment		1 300
Total, Expense and Equipment		(6 300)
Total, Student Counseling Bureau		$ 70 612

Business Office

(Under the Direction of the Comptroller of the University)

Salaries and Wages		
1. H. A. Hazleton, Business Manager of the Chicago Colleges and Divisions	DY	.....
(Salary under Chicago Professional Colleges)		
2. Nonacademic Salaries	H	$ 32 820
Total, Salaries		(32 820)
Wages		3 600
Total, Salaries and Wages		(36 420)
Expense and Equipment		
Expense		6 000
Equipment		1 000
Total, Expense and Equipment		(7 000)
Total, Business Office		$ 43 420

Office of Admissions and Records

(Under the Direction of the Director of Admissions and Records)

Salaries and Wages		
1. H. E. Temmer, Examiner and Recorder	DY	$ 7 000
2. Nonacademic Salaries	H	37 716
Total, Salaries		(44 716)
Wages		7 540
Total, Salaries and Wages		(52 256)

[1] Overtime basis 25 per cent.

Expense and Equipment		
Expense		14 440
Total, Office of Admissions and Records		$ 66 696

Nonacademic Personnel

(Under the Direction of the Director of Nonacademic Personnel)

Salaries and Wages		
1. Nonacademic Salaries	H	$ 8 050
Wages		1 020
Total, Salaries and Wages		(9 070)
Expense and Equipment		
Expense and Equipment		1 980
Total, Nonacademic Personnel		$ 11 050

Dean of Students

(Under the Direction of the Dean of Students of the University)

Salaries and Wages		
1. E. A. Wolleson, Dean of Students	BY	$ 8 000
2. W. O. Brown, Dean of Men	DY90	5 500
(See Division of Special Services for War Veterans)	DY10	(1 000)
(Total Salary)		(6 500)
3. ————, Dean of Women	BY	4 750
4. Nonacademic Salaries	H	7 350
Total, Salaries		(25 600)
Wages		1 000
Total, Salaries and Wages		(26 600)
Expense and Equipment		
Expense		3 000
Total, Dean of Students		$ 29 600

Health Service

Salaries and Wages		
1. E. B. Erskine, Director of Health Service and Professor of Hygiene	DY	$ 9 000
2. Elizabeth Mayrand, Medical Adviser for Women and Associate Professor of Hygiene	DY50	3 500
3. Helen M. Kostka, Medical Adviser for Women and Assistant Professor of Hygiene	DY50	3 500
4. T. L. Grisamore, Medical Adviser for Men and Assistant Professor of Hygiene	DY50	3 500
5. Paul Gottardo, Junior Medical Adviser for Men and Assistant Professor of Hygiene	DY50	3 765
6. .50 Part-time Assistants	E	1 800
7. Nonacademic Salaries	H	8 730
Total, Salaries		(33 795)
Wages		1 250
Total, Salaries and Wages		(35 045)
Expense and Equipment		
Expense		2 000
Equipment		300
Total, Expense and Equipment		(2 300)
Total, Health Service		$ 37 345

Public Information

(Under the Direction of the Director of Public Information)

Salaries and Wages		
1. Mrs. Jean H. Maury, Manager of Public Information	GY75	$ 3 330
(See Physical Plant)	H25	(1 110)
(Total Salary)		(4 440)

(July 1, 1949, to June 30, 1950)

2. Nonacademic Salaries		7 400
Total, Salaries		(10 730)
Wages		900
Total, Salaries and Wages		(11 630)
Expense and Equipment		
Expense		4 000
Total, Public Information		$ 15 630

LIBERAL ARTS AND SCIENCES

Summary

	Salaries and Wages	*Other Expense*	*Total*
Administration	$ 20 390	$ 3 750	$ 24 140
Biological Sciences	56 285	10 700	66 985
Humanities	241 280	2 500	243 780
Mathematics	103 050	1 300	104 350
Physical Sciences	119 810	33 500	153 310
Social Sciences	96 900	1 700	98 600
Total, Liberal Arts and Sciences	$637 715	$53 450	$691 165

Administration

Salaries and Wages			
1. H. W. Bailey, Associate Dean	DY	$	9 250
Professor of Mathematics	AY		
2. A. D. Pickett, Assistant to the Dean	DY50		2 800
(See Biological Sciences)	B50		(2 600)
(Total Salary)			(5 400)
3. Nonacademic Salaries	H		7 440
Total, Salaries			(19 490)
Wages			900
Total, Salaries and Wages			(20 390)
Expense and Equipment			
Expense			3 000
Equipment			750
Total, Expense and Equipment			(3 750)
Total, Administration		$	24 140

Biological Sciences

Salaries and Wages			
1. D. L. Hopkins, Associate Professor and Chairman of Division	A	$	7 000
2. ————, Assistant Professor	B		5 625
3. A. D. Pickett, Assistant Professor	B50		2 600
(See Administration)	DY50		(2 800)
(Total Salary)			(5 400)
4. William Sangster, Assistant Professor	B		5 200
5. Gladys R. Bucher, Assistant Professor	B		5 000
6. Ione E. Rhymer, Assistant Professor	D		4 500
7. E. B. Little, Instructor	D		4 300
8. Mrs. Jane S. Grubgeld, Instructor	D		4 000
9. Peggy P. Muirhead, Instructor	D		3 700
10. Halina J. Presley, Instructor	D		3 700
11. Mrs. Rita J. Faughnan, Instructor	D		3 500
12. Mrs. Harriet K. Rubinstein, Instructor	D		3 250
13. Nonacademic Salaries	H		2 310
Total, Salaries			(54 685)
Wages			1 600
Total, Salaries and Wages			(56 285)
Expense and Equipment			
Expense			8 700
Equipment			2 000
Total, Expense and Equipment			(10 700)
Total, Biological Sciences		$	66 985

Humanities

Salaries and Wages			
1. E. C. VanKeuren, Associate Professor of English and Chairman of Division	A	$ 7	500
2. E. B. Vest, Associate Professor of English	A	5	800
3. W. M. Schuyler, Assistant Professor of Foreign Languages	B	5	600
4. Mrs. Hazel C. Vardaman, Assistant Professor of Foreign Languages	B	5	600
5. W. N. Thompson, Assistant Professor of English	B	5	500
6. Jose Sanchez, Assistant Professor of Foreign Languages	B	5	200
7. ————, Assistant Professor of English	B	5	000
8. Mrs. Anna W. Kenny, Assistant Professor of English	B	5	000
9. E. S. Willner, Assistant Professor of Foreign Languages	B	5	000
10. J. B. Fuller, Assistant Professor of Foreign Languages	B	4	800
11. Benjamin Lease, Assistant Professor of English	B	4	700
12. Marie E. Lein, Assistant Professor of Foreign Languages	B	4	700
13. Mrs. Janice M. Crews, Instructor in English	D	4	500
14. Helen J. Hovde, Instructor in English	D	4	500
15. Margaret R. Henderson, Instructor in English	D	4	500
16. Sara C. Niederman, Instructor in English	D	4	500
17. Mrs. Lucy S. Hegie, Instructor in English	D	4	500
18. Mrs. Beatrice S. Timmis, Instructor in English	D	4	500
19. Gleah D. Brown, Instructor in English	D	4	500
20. Mrs. Willie N. Love, Instructor in English	D	4	500
21. Cecilia M. Rudin, Instructor in English	D	4	500
22. Mrs. Marion S. Kerwick, Instructor in English	D	4	500
23. H. G. Merten, Instructor in English	D	4	200
24. Mrs. Martha Q. Denny, Instructor in English	D	4	200
25. Harriet E. Cowles, Instructor in Foreign Languages	D	4	100
26. Mrs. Agnes M. Donohue, Instructor in English	D	4	100
27. Sylvia Pinsky, Instructor in Foreign Languages	D	4	100
28. Kathryn H. Quinlan, Instructor in English	D	4	100
29. Mrs. Elizabeth V. Wright, Instructor in English	D	4	100
30. Mrs. Ferdina J. Tort, Instructor in Foreign Languages	D	4	000
31. Laurette A. Kirstein, Instructor in English	D	4	000
32. Mrs. Elizabeth Teichmann, Instructor in Foreign Languages	D	4	000
33. W. C. Jackman, Instructor in English	D	4	000
34. Blanche B. McGuire, Instructor in English	D	4	000
35. Mrs. Marion C. Lenihan, Instructor in Foreign Languages	D	4	000
36. Mildred J. Richey, Instructor in English	D	4	000
37. Charlotte M. Munzer, Instructor in English	D	3	900
38. A. J. Hartoch, Instructor in Foreign Languages	D	3	900
39. Mrs. Ilse E. Naumann, Instructor in Foreign Languages	D	3	800
40. Joan E. Byam, Instructor in English	D	3	800
41. Louis Broussard, Instructor in English	D	3	800
42. Mrs. Johanna Braunfeld, Instructor in Foreign Languages	D	3	800
43. Mrs. Susanne O. Conners, Instructor in English	D	3	700
44. Mrs. Frances M. Goulson, Instructor in English	D	3	700
45. J. O. Marsh, Jr., Instructor in Foreign Languages	D	3	700
46. Mrs. Clara S. Skogen, Instructor in Foreign Languages	D	3	700
47. R. L. S. Cassell, Instructor in English	D	3	700
48. Mrs. Phyllis W. Odgen, Instructor in Foreign Languages	D	3	600
49. Maurita F. Willett, Instructor in English	D	3	600
50. I. M. Miller, Instructor in English	D	3	300
51. Mrs. Rena M. Williams, Instructor in English	D	3	300
52. Mrs. Norma E. Koenig, Instructor in English	D	3	300
53. Guinevere G. Griest, Instructor in English	D	3	300
54. Mrs. Marilyn N. Hewlett, Instructor in English	D	3	300
55. Mrs. Eleanor K. Hipple, Instructor in English	D	3	200
56. ————, Instructor	D50	1	600
57. Nonacademic Salaries	H	4	680
Total, Salaries		(240	980)
Wages			300
Total, Salaries and Wages		(241	280)

Expense and Equipment		
Expense		2 000
Equipment		500
Total, Expense and Equipment		(2 500)
Total, Humanities		$243 780

Mathematics

Salaries and Wages		
1. J. J. Corliss, Associate Professor and Chairman of Division	A	$ 7 500
2. F. S. Nowlan, Professor	A	6 500
3. Evelyn Frank, Assistant Professor	B	5 300
4. M. C. Hartley, Assistant Professor	B	5 200
5. Winifred V. Berglund, Instructor	D	4 500
6. Karl Johannes, Instructor	D	4 500
7. C. E. Olsen, Instructor	D	4 500
8. K. H. Murphy, Instructor	D	4 500
9. Mrs. Madeleine P. Grenard, Instructor	D	4 250
10. L. L. Pennisi, Instructor	D	4 000
11. Alice J. Froseth, Instructor	D	4 000
12. Rose L. Hornacek, Instructor	D	3 800
13. Grace M. Nolan, Instructor	D	3 800
14. I. K. Feinstein, Instructor	D	3 700
15. W. R. Allen, Instructor	D	3 700
16. Furio Alberti, Instructor	D	3 625
17. Lona L. Turner, Instructor	D	3 600
18. Mrs. Helen W. Sears, Instructor	D	3 600
(See Student Counseling Bureau)	G[1]	(700)
(Total Salary)		(4 300)
19. Marjorie L. Croft, Instructor	D	3 500
20. T. B. Ondrak, Instructor	D	3 500
21. Marian C. Rosenbeck, Instructor	D	3 375[2]
22. Mrs. Lois B. Stelling, Instructor	D	3 300
23. C. C. Wilson, Instructor	D	3 300
24. N. C. Scholomiti, Instructor	D	3 300
25. Nonacademic Salaries	H	2 100
Total, Salaries		(102 950)
Wages		100
Total, Salaries and Wages		(103 050)
Expense and Equipment		
Expense		1 000
Equipment		300
Total, Expense and Equipment		(1 300)
Total, Mathematics		$104 350

Physical Sciences

Salaries and Wages		
1. C. R. Meloy, Associate Professor and Chairman of Division	A	$ 6 800
2. B. J. Babler, Associate Professor	A	6 000
3. J. V. Mansfield, Assistant Professor	B	6 240
4. W. K. Weaver, Assistant Professor	B	6 240
5. F. M. Stubblefield, Assistant Professor	B	5 700
6. R. W. Karpinski, Assistant Professor	B	5 700
7. Eunice M. Moore, Assistant Professor	B	5 400
8. Roy Huitema, Assistant Professor	B	5 400
9. Sam Silbergeld, Assistant Professor	D50	2 700
10. Mrs. Rebecca L. Elbinger, Instructor	D	4 200
11. F. L. Koranda, Instructor	D	4 000
(See Student Counseling Bureau)	G[1]	(600)
(Total Salary)		(4 600)
12. ————, Instructor	D	4 000
13. C. G. Fawcett, Instructor	D	3 850

[1] Overtime basis 25 per cent.
[2] On leave of absence without pay for disability until further notice.

14. Rudolph Rabin, Instructor	G	3 750[1]
15. Jeanette M. Zeimer, Instructor	D	3 850
16. Cecil Schwartz, Instructor	D	3 500
17. Mrs. Martha H. Mackin, Instructor	D	3 500
18. Paul Burkholder, Instructor	D	3 400
19. G. I. Sackheim, Instructor	D	3 400
20. R. H. Elliston, Instructor	D	3 400
21. Julius Wagman, Instructor	D	3 400
22. Patricia A. Heffernan, Instructor	D	3 300
23. Mrs. Edith Hartman, Instructor	D	3 100
24. Jeanne Kiley, Instructor	D	3 200
25. Alice R. Sackheim, Instructor	D	3 100
26. Nonacademic Salaries	H	10 380
Total, Salaries		(117 510)
Wages		2 300
Total, Salaries and Wages		(119 810)
Expense and Equipment		
Expense		30 500
Equipment		3 000
Total, Expense and Equipment		(33 500)
Total, Physical Sciences		$153 310

Social Sciences

Salaries and Wages		
1. D. W. Riddle, Associate Professor and Chairman of Division	A	$ 7 500
2. H. W. Barber, Associate Professor	A	6 000
3. A. D. Cutshall, Associate Professor	A	5 800
4. E. A. Lipman, Associate Professor	A	5 700
(See Student Counseling Bureau)	G[2]	(700)
(Total Salary)		(6 400)
5. D. J. Morris, Assistant Professor	B	5 600
6. Mrs. Wanda N. Gum, Assistant Professor	B	5 500
7. R. L. Nicholson, Assistant Professor	B	5 000
8. P. P. Klassen, Assistant Professor	B	4 800
9. ————, Assistant Professor	B	4 600
10. S. L. Jones, Assistant Professor	B	4 500
11. P. C. Greene, Assistant Professor of Psychology (Salary under Student Counseling Bureau)		.....
12. W. F. Thomas, Assistant Professor of Psychology (Salary under Student Counseling Bureau)		.....
13. ————, Assistant Professor of Psychology (Salary under Student Counseling Bureau)		.....
14. Monica H. Kusch, Instructor	D	4 200
15. Mrs. Mildred I. Finney, Instructor	D	4 000
16. Mrs. Mary M. Colby, Instructor	D	4 000
17. P. E. Siegle, Instructor	D	3 800
(See Student Counseling Bureau)	G[1]	(700)
(Total Salary)		(4 500)
18. Mrs. Shirley A. Bill, Instructor	D	3 800
19. Ann E. Heilman, Instructor	D	3 800
(See Student Counseling Bureau)	G[1]	(600)
(Total Salary)		(4 400)
20. Louis Unfer, Instructor	D	3 700
21. ————, Instructor	D	3 600
22. G. P. Stone, Instructor	D	3 500
23. R. R. Page, Instructor	D	3 200
24. W. E. Dutton, Instructor in Psychology (Salary under Student Counseling Bureau)		.....
25. Mrs. Bernice R. Bild, Instructor in Psychology (Salary under Student Counseling Bureau)		.....
26. ————, Instructor	D67	2 100

[1] Overtime basis 25 per cent.
[2] On leave of absence without pay for disability until further notice.

27. Nonacademic Salaries	H	2 100
Total, Salaries		(96 800)
Wages		100
Total, Salaries and Wages		(96 900)
Expense and Equipment		
Expense		1 200
Equipment		500
Total, Expense and Equipment		(1 700)
Total, Social Sciences		$ 98 600

ENGINEERING SCIENCES

Summary

	Salaries and Wages	*Other Expense*	*Total*
Administration	$ 23 210	$ 3 000	$ 26 210
Architecture and Art	64 380	8 550	72 930
Engineering	27 140	1 500	28 640
General Engineering Drawing	71 205	5 500	76 705
Physics	61 235	6 500	67 735
Shop Laboratories	40 720	7 000	47 720
Total, Engineering Sciences	$287 890	$32 050	$319 940

Administration

Salaries and Wages		
1. F. W. Trezise, Associate Dean	DY}	$ 8 000
Associate Professor of Engineering	AY}	
2. R. M. Price, Assistant Dean	DY50	3 000
(See Physics)	B50	(3 000)
(See Student Counseling Bureau)	G[1]	(700)
(Total Salary)		(6 700)
3. Nonacademic Salaries	H	10 060
Total, Salaries		(21 060)
Wages		2 150
Total, Salaries and Wages		(23 210)
Expense and Equipment		
Expense		2 000
Equipment		1 000
Total, Expense and Equipment		(3 000)
Total, Administration		$ 26 210

Architecture and Art

Salaries and Wages		
1. H. B. McEldowney, Associate Professor of Architecture and Head of Department	A	$ 7 500
2. J. M. Gutnayer, Visiting Lecturer in Architecture	D	6 800
3. K. G. Shopen, Assistant Professor of Art, in charge of Art	B	6 200
4. A. J. DeFilipps, Assistant Professor of Architecture	B	5 240
5. ————, Assistant Professor of Architecture	D	5 000
6. J. F. Richardson, Assistant Professor of Art	B	5 000
7. H. L. Mikolajczyk, Assistant Professor	B67	4 000
(See Physical Plant)	H33	(1 980)
(Total Salary)		(5 980)
8. Ray Stuermer, Assistant Professor of Architecture	B33	2 000
9. James Arkin, Instructor in Architecture	D	4 740
10. ————, Instructor in Architecture	D	4 500
11. E. E. Burr, Instructor in Art	D	4 140
12. Mrs. Margie E. Benoit, Instructor in Art	D	3 500
13. P. H. Selz, Instructor in Architecture	D33	1 500
14. Nonacademic Salaries	H	2 340
Total, Salaries		(62 460)
Wages		1 920
Total, Salaries and Wages		(64 380)

[1] Overtime basis 25 per cent.

Expense and Equipment		
Expense		5 450
Equipment		3 100
Total, Expense and Equipment		(8 550)
Total, Architecture and Art		$ 72 930

Engineering

Salaries and Wages		
1. A. W. Hershey, Assistant Professor of Electrical Engineering	B	$ 5 000
2. A. C. Cobb, Assistant Professor of Theoretical and Applied Mechanics	B	5 040
3. J. C. Chaderton, Assistant Professor of Civil Engineering	B	4 800
4. F. A. Kahler, Instructor in Theoretical and Applied Mechanics	D	4 000
5. C. J. Michels, Instructor in Theoretical and Applied Mechanics	D	3 900
6. W. K. LeBold, Instructor in Electrical Engineering	D	3 900
Total, Salaries		(26 640)
Wages		500
Total, Salaries and Wages		(27 140)
Expense and Equipment		
Expense		1 000
Equipment		500
Total, Expense and Equipment		(1 500)
Total, Engineering		$ 28 640

General Engineering Drawing

Salaries and Wages		
1. C. I. Carlson, Associate Professor and Head of Department	A	$ 7 500
2. S. E. Shapiro, Assistant Professor	B	5 625
3. H. R. Goppert, Assistant Professor	B	5 240
4. H. D. Walraven, Assistant Professor	B	5 000
5. R. B. Perkins, Assistant Professor	B	5 000
6. T. A. Mucha, Instructor	D	4 750
7. S. B. Smith, Instructor	D	4 500
8. J. E. Findlay, Instructor	D	4 500
9. ————, Instructor	D	4 500
10. S. S. Silberg, Instructor	D	4 500
11. G. E. Newby, Jr., Instructor	D	4 250
12. G. J. Zanotti, Instructor	D	4 000
13. Mrs. Dee M. Holladay, Instructor	D	3 990
14. M. J. Levy, Instructor	D	3 540
15. Nonacademic Salaries	H	2 310
Total, Salaries		(69 205)
Wages		2 000
Total, Salaries and Wages		(71 205)
Expense and Equipment		
Expense		3 500
Equipment		2 000
Total, Expense and Equipment		(5 500)
Total, General Engineering Drawing		$ 76 705

Physics

Salaries and Wages		
1. R. E. Harris, Associate Professor and Head of Department	A	$ 7 500
2. R. M. Price, Assistant Professor	B50	3 000
(See Administration)	DY50	(3 000)
(See Student Counseling Bureau)	G[1]	(700)
(Total Salary)		(6 700)
3. Ogden Livermore, Instructor	D	4 990

[1] Overtime basis 25 per cent.

4. A. F. Silkett, Instructor	D	4 740
(See Student Counseling Bureau)	G[1]	(700)
(Total Salary)		(5 440)
5. J. F. Bates, Instructor	D	4 320
6. H. J. Johnson, Instructor	D	4 245
(See Student Counseling Bureau)	G[1]	(700)
(Total Salary)		(4 945)
7. H. M. Skadeland, Instructor	D	4 000
8. W. R. Anderson, Instructor	D	3 900
9. ————, Instructor	D	3 600
10. R. E. Snyder, Instructor	D	3 340
11. A. J. Klapperich, Instructor	D67	3 000
12. Mae Driscoll, Instructor	D67	2 400
13. ————, Instructor	D67	2 000
14. 1.25 Part-time Assistants	E	3 600
15. Nonacademic Salaries	H	5 100
Total, Salaries		(59 735)
Wages		1 500
Total, Salaries and Wages		(61 235)
Expense and Equipment		
Expense		3 500
Equipment		3 000
Total, Expense and Equipment		(6 500)
Total, Physics		$ 67 735

Shop Laboratories

Salaries and Wages		
1. J. S. Kozacka, Associate Professor of Mechanical Engineering and Head of Shop Laboratories	A	$ 7 500
2. R. W. Schroeder, Assistant Professor of Foundry and Pattern Laboratory	B	6 000
3. J. R. Schermerhorn, Assistant Professor of Mechanical Engineering	B	5 000
4. ————, Instructor in Foundry and Pattern Laboratory	D	4 600
5. R. E. Kennedy, Instructor in Foundry and Pattern Laboratory	D67	3 240
6. Nonacademic Salaries	H	11 380
Total, Salaries		(37 720)
Wages		3 000
Total, Salaries and Wages		(40 720)
Expense and Equipment		
Expense		5 000
Equipment		2 000
Total, Expense and Equipment		(7 000)
Total, Shop Laboratories		$ 47 720

COMMERCE AND BUSINESS ADMINISTRATION

Salaries and Wages		
1. R. P. Hackett, Associate Dean	DY	$ 9 250
Professor of Accountancy	AY	
2. R. D. Haines, Associate Professor of Accountancy	A	7 500
3. W. D. Grampp, Associate Professor of Economics	A	5 700
4. Lucile Derrick, Associate Professor of Economics	A	5 500
5. Samuel Fox, Assistant Professor of Accountancy	B	5 400
6. C. H. Gillett, Assistant Professor of Economics	B	5 400
7. Roland Gibson, Assistant Professor of Economics	D25	1 200
8. Sarah M. Kabbes, Instructor in Accountancy	D	4 800
9. W. J. Dunne, Instructor in Economics	D	4 800
10. Janice Nystrom, Instructor in Economics	D	4 800

[1] Overtime basis 25 per cent.

11. A. F. Jung, Instructor in Economics	D	4 100
12. Oscar Miller, Instructor in Economics	D	4 100
13. E. C. Knudson, Instructor in Economics	D	4 100
14. H. G. Yankow, Instructor in Accountancy	D	4 100
15. J. R. Morris, Instructor in Economics	D	4 100
16. Josephine A. Johnson, Instructor in Accountancy	D	3 950
17. L. V. Conway, Instructor in Economics	D	3 800
18. E. W. Berg, Instructor in Accountancy	D	3 800
(See Student Counseling Bureau)	G[1]	(700)
(Total Salary)		(4 500)
19. C. M. Larson, Instructor in Economics	D	3 800
20. A. J. Schneider, Instructor in Accountancy	D	3 800
21. H. F. Williams, Instructor in Economics	D	3 800
22. Dorothy A. Eggebrecht, Instructor in Accountancy	D	3 700
23. Mrs. Winifred B. Geldard, Instructor in Economics	D	3 600
24. W. A. Moldermaker, Assistant in Accountancy	E	3 300
25. J. L. Glojek, Assistant in Economics	E	3 000
26. Nonacademic Salaries	H	5 280
Total, Salaries		(116 680)
Wages		740
Total, Salaries and Wages		(117 420)
Expense and Equipment		
Expense		3 000
Total, Commerce and Business Administration		$120 420

PHYSICAL EDUCATION

Salaries and Wages		
1. J. O. Jones, Associate Professor and Director of Division	A	$ 7 500
(From Athletic Association)	G[2]	(500)
(Total Salary)		(8 000)
2. Helen M. Barton, Assistant Professor and Chairman of Women's Department	B	5 500
3. P. R. Berrafato, Instructor in Physical Education for Men	D	3 500
(From Athletic Association)	G[2]	(500)
(Total Salary)		(4 000)
4. D. B. Keyser, Instructor in Physical Education for Men	D	3 700
(From Athletic Association)	G[2]	(250)
(Total Salary)		(3 950)
5. S. L. Fordham, Instructor in Physical Education for Men	D	3 250
(From Athletic Association)	G[2]	(400)
(Total Salary)		(3 650)
6. H. J. Frey, Instructor in Physical Education for Men	D	3 300
(From Athletic Association)	G[2]	(300)
(Total Salary)		(3 600)
7. Inez Nagai, Instructor in Physical Education for Women	D	3 600
8. Josephine L. Dyson, Instructor in Physical Education for Women	D	3 200
9. L. L. Gedvilas, Assistant in Physical Education for Men	E	3 100
(From Athletic Association)	G[2]	(400)
(Total Salary)		(3 500)
10. J. P. Tighe, Assistant in Physical Education for Men	E	3 100
(From Athletic Association)	G[2]	(275)
(Total Salary)		(3 375)
11. L. H. Miller, Jr., Assistant in Physical Education for Men	E	3 100
(From Athletic Association)	G[2]	(250)
(Total Salary)		(3 350)
12. E. D. Ryan, Assistant in Physical Education for Men	E	3 100
(From Athletic Association)	G[2]	(250)
(Total Salary)		(3 350)

[1] Overtime basis 25 per cent.
[2] Overtime.

13. H. A. Schutz, Assistant in Physical Education for Men	E	3 100
(From Athletic Association)	G[1]	(250)
(Total Salary)		(3 350)
14. J. H. Towner, Assistant in Physical Education for Men	E	3 100
(From Athletic Association)	G[1]	(250)
(Total Salary)		(3 350)
15. J. M. Kromrey, Assistant in Physical Education for Men	E	3 100
(From Athletic Association)	G[1]	(150)
(Total Salary)		(3 250)
16. B. W. Montcalm, Assistant in Physical Education for Men	E	3 100
(From Athletic Association)	G[1]	(100)
(Total Salary)		(3 200)
17. ————, Assistant in Physical Education for Men	E	3 000
18. Elizabeth L. Mason, Assistant in Physical Education for Women	E	2 900
19. Nonacademic Salaries	H	11 770
Total, Salaries		(76 020)
Wages		2 200
Total, Salaries and Wages		(78 220)
Expense and Equipment		
Expense		(25 700)
Total, Physical Education		$103 920

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Summary

	Salaries and Wages	*Other Expense*	*Total*
Veterans Counselor	$ 3 600	$ 550	$ 4 150
Veterans Benefits Administrator	13 595	2 715	16 310
Total, Division of Special Services for War Veterans	$17 195	$3 265	$20 460

Veterans Counselor

Salaries and Wages			
1. W. O. Brown, Veterans Counselor	DY10	$	1 000
(See Dean of Students)	DY90		(5 500)
(Total Salary)			(6 500)
2. Nonacademic Salaries	H		2 100
Total, Salaries			(3 100)
Wages			500
Total, Salaries and Wages			(3 600)
Expense and Equipment			
Expense			450
Equipment			100
Total, Expense and Equipment			(550)
Total, Veterans Counselor		$	4 150

Veterans Benefits Administrator

Salaries and Wages			
1. Ruth M. Farnham, Veterans Benefits Administrator	DY	$	3 900
2. Nonacademic Salaries	H		6 960
Total, Salaries			(10 860)
Wages			2 735
Total, Salaries and Wages			(13 595)
Expense and Equipment			
Expense			2 515
Equipment			200
Total, Expense and Equipment			(2 715)
Total, Veterans Benefits Administrator		$	16 310

[1] Overtime.

SUMMER SESSION

Salaries and Wages		
1. Academic Salaries (subject to approval of detailed list)	G	$ 87 340
Total, Summer Session		$ 87 340

LIBRARY

Salaries and Wages		
1. D. K. Maxfield, Librarian and Assistant Professor of Library Science	DY	$ 5 750
2. R. B. Harness, Reference Librarian, with rank of Instructor	DY	4 000
3. ————, Catalog Librarian, with rank of Instructor	DY	3 800
4. Mrs. Jane S. Strable, Circulation Librarian, with rank of Instructor	DY	3 800
5. ————, Acquisition Librarian, with rank of Instructor	DY	3 800
6. ————, Assistant Reference Librarian, with rank of Instructor	DY	3 800
7. ————, Catalog Librarian, with rank of Instructor	DY	3 600
8. Mrs. Joyce J. Cavanaugh, Serials Librarian, with rank of Assistant	DY	3 500
9. ————, Assistant Catalog Librarian, with rank of Instructor	DY	3 400
10. Nonacademic Salaries	H	29 826
Total, Salaries		(65 276)
Wages		3 520
Total, Salaries and Wages		(68 796)
Expense and Equipment		
Expense		5 100
Equipment		2 950
Library Additions		36 660
Total, Expense and Equipment		(44 710)
Total, Library		$113 506

PHYSICAL PLANT DEPARTMENT

Summary

	Salaries and Wages	*Other Expense*	*Total*
Administration	$ 35 084	$ 6 150	$ 41 234
Operation			
Building Operation	148 708	12 678	161 386
Police and Watchmen	60 607	1 000	61 607
Sub-total, Operation	(209 315)	(13 678)	(222 993)
Maintenance			
Building Maintenance	110 939	18 543	129 482
Trucks and Cars	5 980	1 100	7 080
Grounds Maintenance	6 292	1 000	7 292
Sub-total, Maintenance	(123 211)	(20 643)	(143 854)
Utilities			
Heat, Light, and Power	68 474	95 069	163 543
Service Enterprises			
Telephone and Information	15 873	12 950	28 823
Locker Service	2 517	750	3 267
Projection Service	3 727	500	4 227
Sub-total, Service Enterprises	(22 117)	(14 200)	(36 317)
Sub-total, Operation and Maintenance	(458 201)	(149 740)	(607 941)
Other Items			
Rental and Restoration	.....	135 750	135 750
Food Service	.....	20 588	20 588
Sub-total, Other Items	.....	(156 338)	(156 338)
Total, Physical Plant Department	$458 201	$306 078	$764 279

Administration

(Under the Direction of the Director of the Physical Plant)

Salaries and Wages		
1. H. W. Pearce, Superintendent of Buildings and Grounds (Salary under Chicago Professional Colleges)		.....
2. Nonacademic Salaries	H	$ 34 234
Wages		850
Total, Salaries and Wages		(35 084)
Expense and Equipment		
Expense		5 700
Equipment		450
Total, Expense and Equipment		(6 150)
Total, Administration		$ 41 234

Building Operations

Salaries and Wages		
1. Nonacademic Salaries	H	$ 4 380
Wages		144 328
Total, Salaries and Wages		(148 708)
Expense and Equipment		
Expense		12 178
Equipment		500
Total, Expense and Equipment		(12 678)
Total, Building Operation		$161 386

Police and Watchmen

Salaries and Wages		
1. Nonacademic Salaries	H	$ 12 240
Wages		48 367
Total, Salaries and Wages		(60 607)
Expense and Equipment		
Expense		1 000
Total, Police and Watchmen		$ 61 607

Building Maintenance

Salaries and Wages		
1. Nonacademic Salaries	H	$ 11 640
Wages, General		76 799
Wages, Renewals and Replacements		22 500
Total, Wages		(99 299)
Total, Salaries and Wages		(110 939)
Expense and Equipment		
Expense		12 135
Renewals and Replacements		5 408
Equipment		1 000
Total, Expense and Equipment		(18 543)
Total, Building Maintenance		$129 482

Trucks and Cars

Salaries and Wages		
Wages		$ 5 980
Expense and Equipment		
Expense		1 000
Equipment		100
Total, Expense and Equipment		(1 100)
Total, Trucks and Cars		$ 7 080

Grounds Maintenance

Salaries and Wages		
Wages		$ 6 292

Expense and Equipment		
Expense		900
Equipment		100
Total, Expense and Equipment		(1 000)
Total, Grounds Maintenance		$ 7 292

Heat, Light, and Power

Salaries and Wages		
Wages		$ 68 474
Expense and Equipment		
Expense		94 569
Equipment		500
Total, Expense and Equipment		(95 069)
Total, Heat, Light, and Power		$163 543

Telephone and Information

Salaries and Wages		
1. Nonacademic Salaries	H	$ 8 412
Wages		7 461
Total, Salaries and Wages		(15 873)
Expense and Equipment		
Expense		12 950
Total, Telephone and Information		$ 28 823

Locker Service

Salaries and Wages		
Wages		$ 2 517
Expense and Equipment		
Expense		750
Total, Locker Service		$ 3 267

Projection Service

Salaries and Wages		
Wages		$ 3 727
Expense and Equipment		
Expense		500
Total, Projection Service		$ 4 227

Rentals and Restoration

Expense and Equipment		
Building Rental		$117 000
Drill Hall Rental		18 750
Total, Rentals and Restoration		$135 750

Food Service

Expense and Equipment		
Expense		$ 20 588
Total, Food Service		$ 20 588

AUXILIARY ENTERPRISES

Summary

The balances, receipts, and credits of the following self-supporting accounts and activities are appropriated for the expense of operation and maintenance of these activities.

	Salaries and Wages	*Other Expense*	*Total*
Food Service (General)	$ 96 750	$148 250	$245 000
University Bookstore (Trust)	42 950	195 500	238 450
Total, Auxiliary Enterprises	$139 700	$343 750	$483 450

Food Service

Salaries and Wages		
1. Nonacademic Salaries	H	$ 14 582
Wages		82 168
Total, Salaries and Wages		(96 750)
Expense and Equipment		
Expense		148 250
Total, Food Service		$245 000

University Bookstore

(Under the Supervision of the Business Office)

Salaries and Wages		
1. Nonacademic Salaries	H	$ 37 950
Wages		5 000
Total, Salaries and Wages		(42 950)
Expense and Equipment		
Expense		195 000
Equipment		500
Total, Expense and Equipment		(195 500)
Total, University Bookstore		$238 450

NONACADEMIC SALARIES

SUMMARY

Urbana	*General Funds*	*Other Funds*	*Total*
Administration and General			
Board of Trustees	$ 8 976	.....	$ 8 976
President's Office	20 970	.....	20 970
Provost's Office	94 839	.....	94 839
Business Office	245 537	$73 651	319 188
Admissions and Records	110 918	6 300	117 218
Nonacademic Personnel	45 084	30 140	75 224
Legal Counsel	15 330	.....	15 330
Dean of Students	72 127	32 016	104 143
University Press	21 720	43 384	65 104
Public Information	12 756	.....	12 756
Alumni Relations and Records	28 848	.....	28 848
Committee on Student English	1 926	.....	1 926
Illini Center	5 346	.....	5 346
Building Program Committee	1 160	.....	1 160
Total, Administration and General	(685 537)	(185 491)	(871 028)
Liberal Arts and Sciences	228 161	7 660	235 821
Agriculture	616 350	92 833	709 183
Engineering	317 179	288 796	605 975
Graduate College	24 492	28 594	53 086
Commerce and Business Administration	55 786	.....	55 786
Education	77 155	2 301	79 456
Fine and Applied Arts	34 941	7 218	42 159
Physical Education	33 312	.....	33 312
Veterinary Medicine	49 707	.....	49 707
Law	14 142	.....	14 142
Journalism	8 070	.....	8 070
Library School	8 370	.....	8 370
Summer Session	2 280	.....	2 280
University Extension	37 094	13 494	50 588
Robert Allerton Park	2 400	25 080	27 480
University of Illinois Bands	2 220	.....	2 220
Military	18 036	.....	18 036
Naval Science	2 310	.....	2 310
Institute of Aviation	80 772	.....	80 772
Institute of Communications	55 686	3 600	59 286
Institute of Government and Public Affairs	2 031	.....	2 031
Institute of Labor and Industrial Relations	30 750	.....	30 750
Small Homes Council	23 490	2 220	25 710
Social Welfare Administration	900	.....	900
Division of Special Services for War Veterans	21 573	.....	21 573
Library	146 460	.....	146 460
Physical Plant	156 756	521 529	678 285
Auxiliary Enterprises	.....	312 560	312 560
Total, Urbana	(2 735 960)	(1 491 376)	(4 227 336)
Chicago Professional			
Administration and General			
Vice-President's Office	15 160	.....	15 160
Business Office	124 640	53 340	177 980
Admissions and Records	17 124	.....	17 124
Nonacademic Personnel	22 311	3 459	25 770
Student Affairs	2 400	.....	2 400
Public Information	5 400	.....	5 400
Total, Administration and General	(187 035)	(56 799)	(243 834)

Chicago Professional (concluded)	*General Funds*	*Other Funds*	*Total*
Medicine	340 673	54 493	395 166
Dentistry	121 546	9 580	131 126
Pharmacy	36 976	7 386	44 362
Graduate College	1 500	.....	1 500
Nursing	2 424	.....	2 424
Physical Education	2 802	.....	2 802
Aeromedical and Physical Environment Laboratory	17 500	.....	17 500
Institution for Tuberculosis Research	.....	8 500	8 500
Research and Educational Hospitals	848 801	17 418	866 219
Illinois Eye and Ear Infirmary	137 944	.....	137 944
Division of Services for Crippled Children	.....	322 332	322 332
Library	15 714	.....	15 714
Physical Plant	119 680	133 317	252 997
Auxiliary Enterprises	.....	16 402	16 402
Total, Chicago Professional	(1 832 595)	(626 227)	(2 458 822)
Chicago Undergraduate			
Administration and General			
Dean's Office	6 300	.....	6 300
Student Counseling Bureau	11 252	.....	11 252
Business Office	32 820	7 320	40 140
Admissions and Records	37 716	2 586	40 302
Nonacademic Personnel	8 050	2 220	10 270
Dean of Students	16 080	.....	16 080
Public Information	7 400	500	7 900
Total, Administration and General	(119 618)	(12 626)	(132 244)
Liberal Arts and Sciences	29 010	.....	29 010
Engineering Sciences	31 190	.....	31 190
Commerce and Business Administration	5 280	.....	5 280
Physical Education	11 770	.....	11 770
Division of Special Services for War Veterans	9 060	.....	9 060
Library	29 826	.....	29 826
Physical Plant	70 906	42 566	113 472
Auxiliary Enterprises	.....	52 532	52 532
Total, Chicago Undergraduate	(306 660)	(107 724)	(414 384)
Grand Total, Nonacademic Salaries	$4 875 215	$2 225 327	$7 100 542

URBANA-CHAMPAIGN DIVISIONS

ADMINISTRATION AND GENERAL

Board of Trustees

1. Maude Archdeacon, Chief Clerk	H	$	3 756
2. Mrs. Emma B. Dever, Junior Clerk-Typist	H		1 800
3. Mrs. Betty A. Meyer, Junior Clerk-Typist	H		1 800
4. Mrs. Barbara Y. Frey, Junior Clerk-Typist	H		1 620
Total, Board of Trustees		$	8 976

President's Office

1. E. G. Smith, Executive Clerk	H	$	4 800
2. Frances M. Godfrey, Senior Secretary	H		4 080
3. Zelma C. Holl, Chief Clerk	H		3 600
4. Ruth E. Klein, Secretary	H		3 000
5. Nettie M. Roberts, Senior Clerk-Stenographer	H		3 030
6. Thelma I. Radwell, Senior Record Clerk	H		2 460
Total, President's Office		$	20 970

General — Provost's Office

1. Ruth M. Anderson, Senior Secretary	H	$	4 158
2. Mrs. Florence G. Hack, Senior Clerk-Stenographer	H		2 400
3. Mrs. June O. Watson, Junior Clerk-Stenographer	H		2 100
4. Mrs. Joanne F. Welk, Junior Clerk-Stenographer	H		1 680
Total, Provost's Office, General		$	10 338

Courses and Curricula

1. Mrs. Fern E. Engelbrecht, Junior Clerk-Typist	H	$	1 980
Total, Courses and Curricula		$	1 980

Bureau of Institutional Research

1. H. C. Merrill, Senior Statistician	H	$	3 480
2. Sarah E. Taylor, Statistical Clerk	H		1 980
3. Mrs. Virginia N. Collard, Statistical Clerk	H		1 860
4. ————, Secretary	H		2 340
5. Mrs. Lillian D. Stone, Senior Clerk-Stenographer	H		2 100
6. Mrs. Evelyn Munson, Senior Clerk-Stenographer	H		2 220
7. Mrs. Muriel I. Johnson, Statistical Clerk	H		2 040
Total, Bureau of Institutional Research		$	16 020

Student Counseling Bureau

1. Mrs. Lester M. Friend, Secretary	H	$	2 736
2. Hazel E. Myers, Personnel Assistant	H		2 760
3. Mrs. V. Ann Root, Junior Personnel Assistant	H		2 040
4. Suzanne Appelle, Junior Clerk-Stenographer	H		1 920
5. Mrs. Patricia Fulton, Junior Clerk	H		1 860
6. Louise Richardson, Junior Clerk	H		1 620
7. ————, Junior Clerk	H		1 740
8. Mrs. Bette S. McMorrow, Junior Clerk	H		1 620
9. Mrs. Joyce Ritchie, Junior Clerk-Stenographer	H		1 800
Total, Student Counseling Bureau		$	18 096

Statistical Service Unit

1. C. M. Oehmke, Tabulating Supervisor	H	$	5 400
2. R. H. Heicke, Assistant Tabulating Supervisor	H		3 900
3. Mrs. Winifred W. Coatney, Chief Clerk	H		2 940
4. ————, Senior Tabulating Machine Operator	H		3 600
5. ————, Senior Tabulating Machine Operator	H		3 300
6. P. J. Cochrane, Senior Tabulating Machine Operator	H		2 700

7. ————————, Senior Tabulating Machine Operator	H		2 700
8. Mrs. Betty Bargh, Junior Tabulating Machine Operator	H		2 220
9. ————————, Junior Tabulating Machine Operator	H		2 100
10. ————————, Junior Tabulating Machine Operator	H		2 100
11. Mildred B. Flanagan, Junior Tabulating Machine Operator	H	75	1 575
12. Mrs. Jane Kummer, Junior Tabulating Machine Operator	H		2 100
13. Marjorie Boyle, Assistant Tabulating Machine Operator	H		1 800
14. Mrs. Clara Thurman, Assistant Tabulating Machine Operator	H		1 770
15. Shirley Davis, Assistant Tabulating Machine Operator	H		1 770
16. Barbara J. Sticklen, Assistant Tabulating Machine Operator	H		1 770
17. Frieda Kroner, Assistant Tabulating Machine Operator	H		1 770
18. ————————, Assistant Tabulating Machine Operator	H		1 650
19. Mrs. D. Lavonne Smith, Assistant Tabulating Machine Operator	H		1 620
20. Jean M. Pruett, Assistant Tabulating Machine Operator	H		1 620
Total, Statistical Service Unit			$ 48 405

Business Office

COMPTROLLER'S OFFICE			
1. M. S. Kessler, Supervising Accountant	H		$ 4 740
2. N. P. Hanna, Senior Accountant	H		3 840
3. Merle M. Rhoads, Chief Clerk			(3 360)[1]
4. Gladys L. Paul, Senior Secretary	H		3 720
5. Mrs. Pearl M. Helms, Secretary	H		2 820
6. Mrs. Norma L. Vineyard, Junior Clerk-Stenographer	H		1 920
7. Mrs. Marjorie M. Kaulfuss, Junior Clerk-Typist	H		1 800
Sub-total, Comptroller's Office			(18 840)
AUDITING DIVISION			
8. ————————, Assistant Auditor	H		5 400
9. D. A. Gillespie, Supervising Accountant (Paid from Item 8)	H		(5 001)
10. ————————, Supervising Accountant	H		5 400
11. H. W. Manley, Senior Accountant	H	90	4 140
12. ————————, Senior Accountant	H		4 260
13. F. J. Strikich, Senior Accountant	H		3 960
14. W. H. Whetstone, Senior Accountant	H		3 840
15. R. C. Olson, Construction Accountant	H		(4 200)
(See Physical Plant, Architectural Division)			
16. J. G. Bloomfield, Construction Accountant	H		(3 600)
(See Physical Plant, Architectural Division)			
17. W. M. Griffith, Junior Accountant	H		3 750
18. W. J. Thom, Junior Accountant	H		3 420
19. H. S. Creech, Junior Accountant	H		3 180
20. Rose Mary Peifer, Senior Account Clerk (From U. S. Contracts Indirect Costs)	H		(2 520)
21. Mrs. Helen C. Tucker, Senior Account Clerk	H		2 340
22. ————————, Senior Clerk-Stenographer	H		2 700
Sub-total, Auditing Division			(42 390)
ACCOUNTING DIVISION			
23. L. M. Dahlenburg, Assistant Chief Accountant	H		6 300
24. W. D. Green, Supervising Accountant	H		4 920
25. Leonard Bantz, Supervising Accountant	H		4 500
26. ————————, Senior Accountant	H	75	3 080
(From Veterans Equipment Procurement)	H	25	(1 000)
(Total Salary)			(4 080)
27. Margaret R. Stewart, Junior Accountant	H		3 720
28. R. H. Suter, Junior Accountant	H		3 240
29. R. R. Hunt, Junior Accountant	H		2 700
30. J. R. Carlson, Senior Account Clerk	H		2 940

[1] Paid from indirect costs on government contracts July 1 to October 4, 1949. On leave of absence without pay for disability beginning October 4, 1949, until further notice.

31. R. F. Ripper, Senior Account Clerk	H		2 940
32. Mrs. Violet Gaschler, Senior Clerk-Stenographer	H		2 640
33. Mrs. Julia M. Hunt, Junior Account Clerk	H		2 160
34. Mrs. Rose J. Jackson, Junior Account Clerk (From Veterans Equipment Procurement)	H		(1 980)
35. Mrs. Pauline Smock, Junior Account Clerk	H		1 890
36. Mrs. Lois J. Raede, Junior Accountant Clerk (From Veterans Equipment Procurement)	H		(1 860)
37. Valada M. Keister, Junior Office Appliance Operator	H		2 280
38. Eleanor Garbe, Junior Office Appliance Operator	H		2 160
39. Mrs. Dorothy L. Hornbaker, Junior Office Appliance Operator	H		2 130
40. ————, Junior Office Appliance Operator	H		2 100
41. Doris J. Kirkpatrick, Junior Office Appliance Operator	H	90	2 070
42. Mrs. Marilyn O. Ward, Junior Office Appliance Operator	H		1 800
43. Mrs. Caryl Tiffany, Junior File Clerk	H		1 800
44. Mrs. Rose Fuchs, Junior Clerk-Typist	H		1 740
45. Mrs. Clarice J. Childers, Junior Clerk-Typist (From U. S. Contracts Indirect Costs)	H		(1 680)
46. Helen E. Hines, Junior Clerk (From Veterans Equipment Procurement)	H		(1 680)
47. Irene E. Schwartz, Junior Clerk-Typist	H		1 620
48. Mrs. Virginia L. Gilliam, Assistant Clerk-Typist	H		1 620
49. Eileen M. Bosch, Assistant Clerk-Typist	H	50	825
(From Farm Management Account)	H	50	(825)
(Total Salary)			(1 650)
50. Mrs. Ellen D. Read, Assistant File Clerk	H		1 620
51. Ruth Ann Myrick, Assistant Clerk-Typist (From Veterans Equipment Procurement)	H		(1 560)
52. Alice A. Hill, Assistant Clerk (From U. S. Contracts Indirect Costs)	H		(1 560)
53. Lucianna Tucker, Assistant Clerk-Typist	H		1 560
Sub-total, Accounting Division			(64 355)
BURSAR'S DIVISION			
54. H. F. Thornes, Assistant Bursar	H		5 916
55. R. W. Zimmer, Supervisor of Cashiers	H		4 740
56. R. F. Wood, Supervisor of Student Loans (From U. S. Contracts Indirect Costs)	H		(4 320)
57. Irma L. Welker, Senior Accountant	H		3 900
58. Mrs. Hortense S. Johnson, Senior Payroll Clerk	H		3 600
59. D. T. Boyer, Cashier	H		3 540
60. S. E. Read, Junior Accountant (From U. S. Contracts Indirect Costs)	H		(3 180)
61. ————, Junior Accountant	H		3 000
62. P. J. Foil, Cashier	H		2 940
63. June Walkington, Senior Payroll Clerk	H		2 820
64. Mrs. Harriet D. Slavens, Senior Account Clerk (From Veterans Equipment Procurement)	H		(2 820)
65. V. C. Klitzing, Cashier	H		2 760
66. ————, Senior Clerk-Stenographer	H		2 556
67. Mrs. Gladys A. Colbert, Senior Office Appliance Operator	H		2 460
68. Mrs. Dolores M. Byers, Junior Payroll Clerk	H		2 460
69. Mrs. Sylvia A. Thomas, Senior Clerk-Typist	H		2 280
70. Mrs. Virginia C. Trobaugh, Junior Office Appliance Operator (From Trust Sectional Housing)	H		(2 160)
71. Erma E. Nelson, Junior Clerk-Stenographer			
(From Trust Sectional Housing)	H	60	(1 280)
(From Veterans Equipment Procurement)	H	40	(820)
(Total Salary)			(2 100)
72. Mrs. Anna M. Greene, Junior Clerk-Stenographer (From Student Loan Income)	H		(2 100)
73. Mrs. Margaret C. Parker, Junior Payroll Clerk	H		2 040
74. Mrs. Martha C. Manning, Junior Payroll Clerk	H		2 040

75.	Mrs. Phyllis Bertossa, Junior Account Clerk (From U. S. Contracts Indirect Costs)	H	(2 040)
76.	————, Junior Clerk (From U. S. Contracts Indirect Costs)	H	(1 980)
77.	Bonnie J. Schoeppel, Junior Payroll Clerk	H	1 980
78.	Mrs. Lucille E. Mason, Junior Clerk-Typist (From U. S. Contracts Indirect Costs)	H	(1 860)
79.	Marilyn Martin, Junior Office Appliance Operator		
	(From U. S. Contracts Indirect Costs)	H40	(720)
	(From Trust Sectional Housing)	H60	(1 080)
	(Total Salary)		(1 800)
80.	Edna Nofftz, Junior Payroll Clerk	H	1 740
81.	Margy Butler, Junior Payroll Clerk	H	1 740
82.	Mrs. Elaine L. Foster, Junior Clerk-Stenographer	H	(1 680)
83.	C. Eileen Hayes, Assistant Clerk-Stenographer	H	1 560
	Sub-total, Bursar's Division		(54 072)
PURCHASING DIVISION			
84.	C. P. Slater, Assistant Director of Purchases		.....[1]
85.	J. E. Osborn, Acting Assistant Director of Purchases	H	5 508
86.	W. M. Tullock, Traffic Manager	H	5 220
87.	L. E. Elliott, Senior Purchasing Assistant	H70	3 216
	(From General Chemical Storeroom)	H30	(1 284)
	(Total Salary)		(4 500)
88.	D. A. Tanner, Senior Purchasing Assistant	H	4 440
89.	R. F. Hott, Senior Purchasing Assistant	H39	1 650
	(See Illini Union Food Service)	H33	(1 440)
	(See Residence Halls Administration)	H28	(1 230)
	(Total Salary)		(4 320)
90.	G. W. Maxey, Senior Purchasing Assistant	H	4 320
91.	J. W. Gomperts, Senior Purchasing Assistant	H	3 600
92.	J. A. Hess, Inventory Supervisor	H	3 300
93.	Ailene Maddock, Secretary	H	2 700
94.	W. E. Crawford, Senior Account Clerk	H	3 000
95.	————, Senior Account Clerk	H	2 400
96.	Mrs. Helen M. Jankousky, Junior Account Clerk	H	2 322
97.	Mrs. Alta M. Cover, Junior Account Clerk (From U. S. Contracts Indirect Costs)	H	(1 980)
98.	Margaret Dixon, Junior Clerk-Stenographer	H	2 322
99.	Mrs. Bernice Bean, Junior Clerk-Stenographer	H	2 322
100.	Marilyn J. Turner, Junior Clerk-Stenographer	H	2 040
101.	Mrs. Betty Grimsley, Junior Clerk-Stenographer	H	1 860
102.	Mrs. Marilyn I. Tholen, Junior Clerk-Stenographer	H	1 860
103.	E. Pearl Richard, Junior Clerk-Stenographer	H	1 830
104.	Mrs. Arlene E. Anglemier, Junior Account Clerk	H	1 800
105.	Charlile Manning, Junior File Clerk	H	1 770
106.	Sarah A. Nugent, Junior Clerk-Typist	H	1 770
107.	Mrs. Kathleen Irwin, Junior Clerk-Typist	H	1 770
108.	Mary E. Sallee, Junior Clerk-Typist	H	1 740
109.	Mrs. Wanda J. Shackelford, Junior Clerk-Typist (From U. S. Contracts Indirect Costs)	H	1 620
110.	Bette Block, Junior Clerk-Typist	H	1 560
111.	Shirley A. McCall, Assistant File Clerk	H	1 560
112.	L. W. Williamson, Stores Supervisor (From Office Supply Storeroom)	H	(4 200)
113.	D. G. Millage, Storekeeper (From Office Supply Storeroom)	H	(3 300)
114.	C. L. Hoch, Stores Clerk (From Office Supply Storeroom)	H	(2 850)
115.	M. B. Watson, Stores Clerk (From Office Supply Storeroom)	H	(2 220)
116.	Mrs. Margaret W. Hackerson, Stock Record Clerk (From Office Supply Storeroom)	H	(1 830)

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

117.	L. E. Bailey, Stores Supervisor (From General Chemistry Storeroom)	H	(4 080)
118.	C. R. McArty, Storekeeper (From General Chemistry Storeroom)	H	(3 240)
119.	W. S. Lemmon, Stores Clerk (From General Chemistry Storeroom)	H	(2 922)
120.	T. D. Roberts, Stores Clerk (From General Stores Overhead)	H	(2 730)
	Sub-total, Purchasing Division		(65 880)
	Total, Business Office		$245 537

Office of Admissions and Records

1.	Harriet E. Hamm, Assistant Examiner	H	$ 4 500
2.	M. Zella Hall, Assistant Examiner	H	4 500
3.	E. J. Smith, Assistant Examiner	H	4 176
4.	G. R. Dinsmore, Assistant Examiner	H	4 176
5.	M. Priscilla Howe, Assistant Recorder	H	4 500
6.	Dorothy Clark, Assistant Recorder	H	4 320
7.	C. V. Ellington, Assistant Recorder	H	4 176
8.	Rosene Hawthorne, Assistant Recorder	H	3 444
9.	Mary J. Hyland, Assistant Recorder (From Veterans Equipment Procurement)	H	(3 180)
10.	Mrs. Tabitha J. Ridge, Senior Record Clerk	H	2 766
11.	Mrs. Mary E. Truman, Senior Record Clerk	H	2 700
12.	————————, Senior Record Clerk	H	2 100
13.	Alta Bagott, Senior File Clerk	H	2 700
14.	Margaret Wascher, Senior Clerk-Stenographer	H	2 514
15.	————————, Junior Record Clerk	H	1 920
16.	Mrs. Betty Gottfried, Junior Record Clerk	H	2 070
17.	Mrs. Phyllis C. Boardman, Junior Record Clerk	H	1 980
18.	Jean Merrifield, Junior Record Clerk	H	1 980
19.	Mrs. Laura Gordon, Junior Record Clerk	H	1 980
20.	Ruth K. Crowley, Junior Record Clerk	H	1 560
21.	Mrs. Etta M. Corwin, Junior Record Clerk	H60	1 188
22.	Mrs. Dorothy Bartels, Junior Clerk-Stenographer	H	1 890
23.	Lois M. Dean, Junior Clerk-Stenographer	H	1 650
24.	Mrs. Doris Billick, Senior Clerk-Stenographer	H	2 208
25.	————————, Junior Clerk-Stenographer	H	1 740
26.	Mrs. Anna M. Gissing, Junior Clerk-Stenographer	H	2 040
27.	Mrs. Beverly J. Herington, Junior Clerk-Typist	H	1 710
28.	Mrs. Beula Blanchard, Junior Clerk-Stenographer	H	1 680
29.	Mrs. Cordelia V. Brown, Junior Clerk-Typist	H	1 860
30.	Ruth G. Clinite, Junior Clerk-Typist	H	1 950
31.	Sylvia Hixson, Junior Clerk-Typist	H	1 560
32.	Mrs. Verena Denney, Junior Clerk-Typist	H	1 824
33.	Verla Wohler, Junior Clerk-Typist	H	1 824
34.	Myra Strom, Junior Clerk-Typist	H	1 854
35.	May L. Rewerts, Junior Clerk-Typist	H	1 854
36.	Mrs. Roberta E. Havener, Junior Clerk-Typist	H	1 764
37.	Mrs. Gloria M. Seifert, Junior Clerk-Typist	H	1 560
38.	Mrs. Elizabeth Barish, Junior Clerk-Typist (From Veterans Equipment Procurement)	H	(1 560)
39.	Mrs. June A. Blecke, Junior Clerk-Typist	H	1 620
40.	Mrs. Doris L. Kingry, Junior Clerk-Stenographer	H	1 680
41.	————————, Junior Clerk-Stenographer	H	1 560
42.	Mrs. Ione Bester, Junior Clerk-Typist	H	1 590
43.	Mrs. Eleanor M. Hurdle, Junior Clerk-Typist	H	1 650
44.	Mrs. Barbara Pierce, Junior Clerk-Typist (From Veterans Equipment Procurement)	H	(1 560)
45.	Wanda Ellett, Junior Clerk-Typist	H	1 710
46.	Mrs. Charlotte Shoemaker, Junior File Clerk	H	1 650
47.	Mrs. G. Maxine T. Smith, Junior Clerk-Typist	H	1 590

48. Mrs. Ruth M. Saillard, Junior Clerk	H		1 710
49. Mary K. McNattin, Junior Clerk-Typist	H		1 710
50. Mary Louise Woodard, Junior Clerk-Typist	H		1 590
51. Mrs. Frances Buchstaber, Junior Clerk-Typist	H		1 710
52. ————————, Stock Records Clerk	H		1 680
Total, Office of Admissions and Records			$109 668[1]

Committee on Admissions from Secondary Schools

1. ————————, Senior Clerk-Stenographer	H50	$	1 250
(See Education)	H50		(1 250)
(Total Salary)			(2 500)
Total, Committee on Admissions from Secondary Schools		$	1 250

Nonacademic Personnel

1. ————————, Administrative Assistant	H	$	6 000
2. Ruth E. Harris, Assistant Director	H		5 360
3. J. M. Boyer, Personnel Officer	H		5 288
4. ————————, Personnel Officer	H		4 676
5. Kathryn G. Hansen, Personnel Officer	H88		4 140
(See Psychology)	DY12		(490)
(Total Salary)			(4 630)
6. Mrs. Anabel C. Gilroy, Senior Secretary	H		3 300
7. Grace Gifford, Personnel Assistant	H		3 240
8. W. J. Hylbert, Personnel Assistant	H		3 180
9. Mrs. Frances Amsbary, Personnel Assistant	H90		2 700
10. Mrs. Lola L. Toye, Visiting Nurse	H		3 060
11. LoAnna McFall, Senior Clerk-Stenographer	H		2 460
12. Mrs. Jean M. Baker, Senior Record Clerk	H		2 160
13. Mrs. Doris Jones, Junior Record Clerk	H		1 980
14. Mary E. Brown, Junior Clerk-Typist	H		1 980
15. ————————, Junior Clerk-Stenographer	H		1 560
STENOGRAPHIC SERVICE (Paid from Stenographic Service Operations)			
16. Mrs. Virginia N. Anderson, Chief Clerk	H		(3 200)
17. C. D. Ellis, Senior Office Appliance Operator	H		(2 790)
18. Mrs. Dorothy E. Albin, Senior Clerk-Typist	H		(2 280)
19. Millie Y. Allott, Senior Clerk-Stenographer	H		(2 280)
20. H. D. Vandiver, Junior Office Appliance Operator	H		(2 220)
21. Mrs. Verdell L. Leeper, Junior Office Appliance Operator	H		(2 220)
22. Mrs. Louetta V. Sistek, Senior Clerk	H		(2 100)
23. Mrs. Marcella C. Knopp, Junior Clerk	H		(1 950)
24. Mrs. Maxine Bramel, Junior Office Appliance Operator	H		(1 920)
25. Mrs. Lydia N. Roth, Junior Clerk-Typist	H		(1 920)
26. Mrs. Blanche B. Asherman, Assistant Office Appliance Operator	H		(1 830)
27. Mrs. Charlotte Morthland, Junior Clerk-Typist	H		(1 830)
28. Mrs. Nina L. Hart, Junior Clerk	H		(1 830)
29. Mrs. Lila H. King, Assistant Clerk	H		(1 770)
Total, Nonacademic Personnel		$	51 084

[1] Distribution of salaries to Accountancy Committee and Entrance Examinations:

	Accountancy Committee	*Entrance Examinations*
M. Zella Hall	$1 600	$ 400
E. J. Smith	.....	2 592
Mrs. Phyllis C. Boardman	903	.....
Alta Bagott	.....	500
Mrs. Cordelia Brown	.....	1 680
Margaret Wascher	758	.....
————	.....	1 220
Mrs. Anna M. Gissing		1 500
Verla Wohler	.....	158
Mrs. Laura Gordon	1 980	.....
Total	$5 241	$8 050

Legal Counsel

1. C. H. Bowman, Assistant to Legal Counsel	H50	$	2 820
2. E. L. Palmberg, Junior Assistant to Legal Counsel	H		3 960
3. Mrs. Elizabeth F. Schucker, Senior Clerk-Stenographer	H		2 700
4. Mrs. Margaret Pollard, Senior Clerk-Stenographer	H		1 980
5. ————, Junior Clerk-Stenographer	H		1 980
6. Mrs. L. Jane Webster, Junior Clerk-Stenographer	H		1 890
Total, Legal Counsel		$	15 330

Dean of Students

Dean of Students Office

1. Hazel A. Yates, Senior Secretary	H	$	3 756
2. Elaine F. Kroes, Senior Clerk-Stenographer	H		2 400
Total, Dean of Students Office		$	6 156

Dean of Men

1. Virginia E. Yaru, Secretary	H	$	2 220
2. Mary E. Beach, Senior Clerk-Stenographer	H		2 280
3. India Mathis, Personnel Assistant	H		2 766
4. Doris A. Forshey, Junior Clerk-Typist	H		1 920
5. Mrs. Margaret A. McKinney, Junior Clerk-Stenographer	H		1 710
6. Mrs. Lucille Y. Garner, Junior Clerk-Stenographer (From Hospital and Medical Service Funds)	H		(1 920)
7. Helen L. Chase, Junior Clerk-Stenographer (From Hospital and Medical Service Funds)	H		(1 620)
8. Patricia Zimmerman, Assistant Clerk-Stenographer	H50		780
(From Hospital and Medical Service Funds)	H50		(780)
(Total Salary)			(1 560)
VETERANS EQUIPMENT PROCUREMENT (Paid from Veterans Equipment Procurement)			
9. R. D. Meyer, Supervisor of Veterans Equipment Procurement	H		(4 002)
10. Mrs. Barbara A. Miller, Senior Clerk	H		(2 064)
11. Mrs. Adelia L. Casey, Senior Clerk-Typist	H		(2 028)
12. Mrs. Louise M. Barnett, Junior Clerk	H		(1 890)
13. Mrs. Jeane Stites, Junior Clerk-Stenographer	H		(1 830)
14. Mrs. Mathe C. Crowder, Junior Office Appliance Operator	H		(1 800)
15. Mrs. Gloria White Tuggle, Junior Clerk-Typist	H		(1 770)
16. Mrs. Kathryn S. Willms, Junior Clerk	H		(1 770)
17. ————, Junior Clerk-Typist	H		(1 710)
18. Mrs. Marion E. Martin, Junior Clerk	H		(1 710)
19. Mrs. Evelyn R. Ostby, Junior Clerk-Typist	H		(1 650)
20. Mrs. Harriet Polin, Junior Clerk-Typist	H		(1 650)
21. ————, Junior Clerk	H50		(870)
22. Mrs. Louise G. Cohoon, Assistant Clerk-Typist	H		(1 560)
23. ————, Assistant Clerk	H80		(1 392)
Total, Veterans Equipment Procurement			(27 696)
Total, Dean of Men		$	11 676

Dean of Women

1. Frances E. Swanson, Secretary	H	$	3 072
2. Helen J. Turner, Senior Clerk-Stenographer	H		2 136
3. Mrs. Virginia A. Hoover, Junior Clerk-Stenographer	H		1 710
4. Lorraine E. Dyson, Assistant Clerk-Stenographer	H		1 650
5. Gertrude A. Jordan, Assistant Clerk-Stenographer	H		1 560
Total, Dean of Women		$	10 128

Health Service

1. Vannie L. Sheiry, Secretary	H	$	3 000
2. Leonard Hyde, Senior Clerk	H		2 700

3. Luetta Burton, Junior Clerk-Stenographer	H		1 950
4. Mrs. Beverly R. Walker, Senior Clerk	H		1 950
5. Mrs. Harriett H. Slack, Clinical Laboratory Technician	H		2 760
Total, Health Service			$ 12 360

Housing Division

1. S. W. Rahn, Supervisor of Off-Campus Housing	H	$	4 500
2. Mrs. Clara D. Fay, Supervisor of Women's Housing	H		4 002
3. H. L. Gott, Building Operating Engineer	H20		750
(See Housing Division, Administration)	H80		(3 030)
(Total Salary)			(3 780)
4. K. L. Thurston, Junior Accountant	H8		282
(See Housing Division, Administration)	H92		(3 240)
(Total Salary)			(3 522)
5. Elizabeth J. Callaway, Senior Clerk-Stenographer	H60		1 483
(See Housing Division, Administration)	H40		(989)
(Total Salary)			(2 472)
6. Mrs. Jacqueline Anderson, Housing Visitor	H		2 400
7. Mrs. Vivian Davis, Junior Clerk-Stenographer	H		1 740
8. ————, Junior Clerk-Stenographer	H		1 740
9. ————, Housing Visitor	H		2 400
Total, Housing Division		$	19 297

University Placement Bureau

1. Mrs. Syble Henderson, Personnel Assistant	H	$	2 769
Total, University Placement Bureau		$	2 769

Security Office

1. J. E. Blaze, Assistant to Security Officer	H	$	4 101
2. Helen E. Krumsiek, Junior Clerk-Stenographer	H		2 040
3. Mrs. Helen L. Berg, Junior Clerk-Stenographer	H		1 950
4. Mrs. Ritz M. Lazerson, Assistant Record Clerk	H		1 650
Total, Security Office		$	9 741

University Press

EDITORIAL AND PUBLISHING DIVISION

1. Anna L. Neuber, Assistant Director of the Information Office	H		.....[1]
2. Violet F. Wood, Editorial Writer	H	$	4 020
3. Mrs. Elaine P. Paden, Junior Editor	H		3 600
4. W. H. Naney, Editorial Assistant	H		2 820
5. Mrs. Marilyn K. Kelley, Editorial Assistant	H		2 640
6. Dorothy J. Strong, Editorial Assistant	H		2 400
7. Mrs. Christie B. Schuetz, Senior Clerk-Typist	H		2 400
8. ————, Junior Clerk-Stenographer	H		2 100
9. Mrs. Phyllis A. Lentz, Junior Clerk-Stenographer	H		1 740
Sub-total, Editorial and Publishing Division			(21 720)

PRINTING DIVISION (Paid from Print Shop Operations at hourly rather than monthly rate. Budgeted amount is estimated salary based on normal number of working hours a year.)

10. R. C. Dalbey, Assistant Superintendent	H		(5 847)
11. W. V. Munnis, Junior Cost Accountant	H		(3 111)[1]
12. Frances G. Mercer, Senior Proofreader	H		(3 654)
13. Leona S. Greenwood, Senior Printing Assistant	H		(3 654)
14. Mary R. Kelley, Junior Proofreader	H		(3 090)
15. Mrs. Lorolive S. Osterdock, Junior Proofreader	H		(2 610)

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

16. Mrs. Lois S. Moore, Junior Proofreader	H		(2 088)
17. Mrs. Dorothy M. Stathis, Senior Account Clerk	H		(2 520)
18. Mrs. Lillian A. Slavens, Junior Account Clerk	H		(1 950)
MAILING CENTER (Paid from Mailing Center Operations at hourly rather than monthly rate. Budgeted amount is estimated salary based on normal number of working hours a year.)			
19. R. K. Lumsden, Mailing Room Foreman	H		(3 552)
20. ————, Mailing Clerk	H		(2 298)
21. Wayne Phelps, Mailing Clerk	H		(2 004)
22. Mrs. Mary K. Spitz, Junior Clerk-Typist	H		(1 821)
23. ————, Junior File Clerk	H		(1 800)
24. ————, Assistant Clerk	H		(1 566)
25. Mrs. Virginia L. Rose, Assistant Clerk	H		(1 820)
Total, University Press		$	21 720

Public Information

1. A. R. Wildhagen, Assistant to the Director of Public Information	H	$	5 196
2. W. H. Lyons, Editorial Writer	H		4 500
3. Mrs. Angeline V. Wilson, Secretary	H50		1 380
(See Radio Station)	H50		(1 380)
(Total Salary)			(2 760)
4. Mrs. Doris W. Heumann, Junior Clerk-Stenographer	H		1 680
Total, Public Information		$	12 756

Alumni Relations and Records

1. Lucille G. Turigliatto, Editorial Assistant	H	$	2 700
2. Mary J. Martin, Supervisor of Illini Center	H		2 460
3. Mary E. Webber, Secretary	H		2 400
4. Mrs. Ruth Hopper, Senior File Clerk	H		2 340
5. Mrs. Louise B. Owens, Junior Account Clerk	H		2 340
6. Mrs. Hildred E. Sandy, Junior Clerk-Stenographer	H		2 136
7. ————, Junior Clerk-Stenographer	H		2 082
8. Mrs. Joan Ferris, Junior Record Clerk	H		1 950
9. ————, Junior File Clerk	H		1 920
10. Mrs. Ruth S. Moenkhaus, Junior Clerk	H		1 830
11. Mrs. Marion E. Ross, Junior Record Clerk	H		1 650
12. Mrs. Lois D. Quick, Junior Record Clerk	H		1 650
13. Mrs. Joyce A. Eberhardt, Junior Record Clerk	H		1 620
14. Mrs. Betty J. Ross, Assistant Account Clerk	H		1 770
Total, Alumni Relations and Records		$	28 848

Committee on Student English

1. Mrs. Jeanne K. Dieken, Junior Clerk-Stenographer	H	$	1 926
Total, Committee on Student English		$	1 926

Illini Center

1. Betty J. Starck, Senior Clerk-Stenographer	H	$	2 826
2. Mrs. Rosemary Bordon, Senior Clerk-Stenographer	H		2 520
Total, Illini Center		$	5 346

Building Program Committee

1. Mrs. Betty W. Cutchin, Junior Clerk-Typist	H67	$	1 160
(See Civil Engineering)	H33		(580)
(Total Salary)			(1 740)
Total, Building Program Committee		$	1 160

COLLEGE OF LIBERAL ARTS AND SCIENCES

Administration

1. Lucille N. Ellis, Senior Secretary	H	$	4 200
2. Mrs. Lila A. Willett, Chief Clerk	H		3 000
3. Marjorie J. Giesler, Senior Clerk-Stenographer	H		2 802
4. Mrs. Constance F. Allison, Senior Clerk-Stenographer	H		2 100
5. Haroldine L. Armstrong, Junior Clerk-Stenographer	H		2 100
6. ————, Assistant Clerk-Stenographer	H		1 680
7. Mrs. Winona S. Kott, Junior Clerk-Stenographer (Social Sciences)	H25		450
8. P. K. Kjelshus, Junior Laboratory Mechanic (Biological Sciences)	H		3 342
9. R. L. Nugent, Junior Laboratory Mechanic (Biological Sciences)	H		3 000
Total, Administration		$	22 674

Bacteriology

1. M. T. McBride, Senior Laboratory Attendant	H	$	3 500
2. R. W. Hinton, Junior Laboratory Attendant	H		2 700
3. Mrs. Jane G. Griffith, Junior Clerk-Stenographer	H		1 800
Total, Bacteriology		$	8 000

Botany

1. W. R. Cook, Senior Laboratory Mechanic	H	$	3 540
2. Harry Dunlap, Junior Laboratory Attendant	H		2 640
3. M. Eileen Mayer, Secretary	H		3 000
4. Elizabeth Derrough, Scientific Artist	H		3 180
5. Mrs. Margaret Seiz, Junior Clerk-Typist	H		1 824
6. Mrs. Helen H. Thompson, Junior Clerk-Typist	H		1 800
Total, Botany		$	15 984

Chemistry

1. L. F. Goodyear, Senior Glassblower	H	$	5 001
2. Lee Whyte, Laboratory Program Assistant	H		4 200
3. Ida M. Zimmerman, Chief Clerk	H		3 501
4. Mary L. Murray, Senior Clerk-Stenographer	H		2 478
5. Mrs. Barbara L. Stillman, Senior Clerk-Stenographer	H		2 400
6. Mrs. Vivian Corbin, Junior Clerk-Stenographer	H		1 950
7. Wandalou Murphy, Junior Clerk-Stenographer	H		1 884
8. Mrs. Dorothy M. Bosi, Junior Clerk-Stenographer	H		1 800
9. ————, Junior Clerk-Stenographer	H		1 800
10. Mrs. Helen Hassakis, Junior Clerk-Stenographer	H		1 740
11. Mrs. Betty G. Pilkington, Assistant Clerk-Stenographer	H		1 770
12. Mrs. Jeanette L. McKee, Assistant Clerk-Stenographer	H		1 710
13. M. T. Murrell, Storekeeper	H		3 600
14. C. E. Dalton, Storekeeper	H		3 600
15. C. M. Scott, Storekeeper	H		3 600
16. G. A. Pittman, Storekeeper	H		3 186
17. C. S. Coad, Storekeeper	H		2 958
18. Gladson Burton, Storekeeper	H		2 958
19. E. N. Genung, Senior Laboratory Attendant	H		3 486
20. A. E. Wood, Senior Laboratory Mechanic	H		4 140
21. C. W. Powers, Senior Laboratory Mechanic	H		3 900
22. C. B. Dunn, Senior Laboratory Mechanic	H		3 720
23. S. A. Phillips, Junior Laboratory Mechanic	H		3 540
24. Verle Walters, Junior Laboratory Mechanic	H		3 300
25. W. E. Newhouse, Stores Clerk	H		2 868
26. R. J. Hales, Stores Clerk	H		2 808
27. R. E. Brown, Stores Clerk	H		2 736
28. L. L. Applegate, Stores Clerk	H		2 736

29. R. E. DuVall, Stores Clerk	H		2 550
30. E. J. Gray, Stores Clerk	H		2 244
31. D. E. Carpenter, Stores Clerk	H		2 220
32. Mrs. Ruth Mock, Assistant Laboratory Attendant	H		2 400
Total, Chemistry		$	92 784

Cooperative Investigations

UPJOHN COMPANY ANTIBIOTIC RESEARCH

1. Mrs. Frances Larner, Junior Clerk-Stenographer	H	$	2 160

RFC RUBBER RESEARCH

2. Mrs. Mary C. Hanson, Chief Clerk	H		3 400
3. Mrs. Gwendolyn M. Waxler, Junior Clerk-Typist	H		2 100

Division of General Studies

1. Mrs. E. Eileen Wasson, Junior Clerk-Stenographer	H	$	1 950
Total, Division of General Studies		$	1 950

English

1. Mrs. Mary K. Peer, Chief Clerk	H	$	3 600
2. Marguerite R. Fisher, Senior Clerk-Stenographer	H		2 400
3. Mrs. Jean Penman, Junior Clerk-Stenographer	H		2 016
4. Mrs. Carol F. McWilliams, Junior Clerk-Stenographer	H		1 650
5. Mrs. Thelma C. Odle, Assistant Clerk-Stenographer	H50		840
Total, English		$	10 506

Entomology

1. Mrs. Bonnie R. Denhart, Senior Clerk-Stenographer	H	$	2 400
2. Mrs. Wilma Alrutz, Assistant Clerk-Typist	H50		720
Total, Entomology		$	3 120

French

1. ———————, Junior Clerk-Stenographer	H	$	1 740
Total, French		$	1 740

Geography

1. Betty J. Savage, Senior Clerk-Stenographer	H	$	2 100
Total, Geography		$	2 100

Geology

1. Rosa M. Nickell, Secretary	H	$	3 000
2. Milton Clark, Senior Laboratory Attendant	H		3 150
3. Mrs. Muriel B. Kratz, Junior Clerk-Stenographer	H		2 100
Total, Geology		$	8 250

German

1. Mrs. Irmgard W. Williams, Junior Clerk-Stenographer	H	$	1 650
Total, German		$	1 650

History

1. Elizabeth I. Purnell, Senior Clerk-Stenographer	H	$	2 502
Total, History		$	2 502

Mathematics

1. Mrs. Zella U. Green, Secretary	H	$	3 000
2. Mrs. Gloria A. Nelson, Junior Clerk-Stenographer	H		1 830
Total, Mathematics		$	4 830

Philosophy

1. Margaret C. Claxton, Junior Clerk-Stenographer	H	$	1 770
Total, Philosophy		$	1 770

Physiology

1. R. J. Gillogly, Junior Laboratory Attendant	H	$	2 580
2. Mrs. Myra L. Semones, Senior Clerk-Stenographer	H		2 040
Total, Physiology		$	4 620

Political Science

1. Mrs. Mary E. Nagle, Junior Clerk-Stenographer	H	$	1 800
2. ————————, Junior Clerk-Stenographer	H50		840
Total, Political Science		$	2 640

Psychology

1. Mrs. Mary E. Price, Senior Clerk-Stenographer	H	$	1 920
2. Mrs. Edith P. Osborne, Senior Clerk-Stenographer	H		1 800
3. Mrs. Elizabeth Turnock, Junior Clerk-Stenographer (From Office of Naval Research)	H50		(945)
4. Dorothy J. Breen, Junior Clerk-Typist (September 1, 1949, to June 30, 1950)	G50		825
5. J. L. Bode, Assistant Laboratory Attendant	H50		975
6. Mrs. Leona E. Speer, Junior Clerk-Stenographer (September 1, 1949, to June 30, 1950)	G50		825
7. L. P. Shertz, Assistant Laboratory Attendant	H50		960
8. Mrs. Patricia F. Payne, Junior Clerk-Typist	H		1 800
Total, Psychology		$	9 105

Sociology and Anthropology

1. Elizabeth H. McMinn, Senior Clerk-Stenographer	H	$	1 980
2. ————————, Junior Clerk-Stenographer (September 1, 1949, to June 1, 1950)	G		1 260
Total, Sociology and Anthropology		$	3 240

Spanish and Italian

1. Mrs. Janet M. Rotariu, Senior Clerk-Stenographer	H	$	2 220
Total, Spanish and Italian		$	2 220

Speech

1. Katherine Mullen, Secretary	H	$	2 760
2. Mrs. Judith A. Cole, Senior Clerk-Stenographer	H		2 160
3. Mrs. Ruth Hankner, Senior Clerk-Stenographer	H		2 400
4. Barbara Thomasson, Junior Clerk-Stenographer	H		1 800
5. Mrs. Eleanor M. Fahlberg, Junior Clerk-Stenographer	H		1 890
6. Mrs. Doris H. Wagoner, Junior Clerk-Stenographer	H50		960
Total, Speech		$	11 970

Zoology

1. O. C. McMillin, Storekeeper	H	$	3 600
2. Virginia T. Brennan, Secretary	H		3 000
3. Mrs. Winifred M. Stocks, Junior Clerk-Stenographer	H		1 920
4. F. B. Norton, Assistant Laboratory Attendant	H75		1 839
5. ————————, Junior Clerk-Typist	H50		849
6. August Kosowski, Junior Laboratory Mechanic	H		3 000
7. Sabra Stevens, Junior Clerk-Stenographer	H		1 800
Total, Zoology		$	16 008

Natural History Museum

1. ————————, Junior Clerk-Stenographer	H50	$	750
Total, Natural History Museum		$	750

COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION

Explanation of symbols in titles:
C = College; S = Station; E = Extension

Administration

1. Marion F. Berry, Office Supervisor			
(See Smith-Lever Fund)	H82	$	(3 090)
(See Hatch Fund)	H18		(690)
(Total Salary)			(3 780)
2. Mrs. Neva B. Klockner, Senior Secretary (C 1,914; S 1,914)	H		3 828
3. Bess Riggs, Chief Clerk (S)	H		3 600
4. Mabel I. O'Neill, Chief Clerk (S)	H		3 000
5. Frances Stiritz, Chief Clerk (S)	H		2 760
6. Stella Frank, Senior Clerk-Stenographer (C)	H		2 100
7. ————————, Junior Account Clerk (S)	H		2 100
8. Mrs. Merle Haven, Junior Clerk-Stenographer (S)	H		2 100
9. Mrs. Vera B. Epperson, Junior Clerk-Stenographer (C)	H		1 830
10. Narda Senesac, Junior Clerk-Stenographer (C)	H		1 800
11. Mrs. Betty Kampenga, Junior Clerk-Typist (S)	H		1 800
12. ————————, Junior Clerk-Typist (S)	H		1 800
Total, Administration, College		$	7 644
Total, Administration, Station		$	19 074
Total, Administration		$	26 718

Vocational Agriculture

1. ————————, Junior Clerk-Typist (C)	H	$	1 860
2. Willadean Aumiller, Assistant Clerk-Stenographer (C)	H50		900
(From Agricultural Research Revolving)	H50		(900)
(Total Salary)			(1 800)
Total, Vocational Agriculture		$	2 760

Dixon Springs Experiment Station

1. Leah M. Dunn, Secretary (S)	H60	$	1 800
(See Animal Science)	H40		(1 200)
(Total Salary)			(3 000)
2. Oakley Robinson, Herdsman (S)	H		2 100[1]
3. N. H. Phelps, Herdsman (S)	H		2 100[1]
4. R. W. Anderson, Poultryman (S)	H		1 917[1]
5. O. B. Trammel, Farm Laborer (Maintenance) (S)	H		2 181
6. Lee Phelps, Farm Laborer (S)	H		2 040[1]
7. Eugene Wise, Farm Laborer (S)	H		2 001[2]
8. J. W. Mizell, Farm Laborer (S)	H		1 857[2]
9. Earl Williamson, Farm Laborer (S)	H		1 851[2]
10. B. W. Hardin, Farm Laborer (S)	H		1 800
11. E. L. Baker, Farm Laborer (S)	H		1 800
12. Willie Wells, Farm Laborer (S)	H		1 800
13. M. R. Wells, Farm Laborer (S)	H		1 800
14. J. W. Childress, Farm Laborer (S)	H		1 800
15. Paul Morse, Farm Laborer (S)	H		1 800
16. Ross Long, Farm Laborer (S)	H		1 770[2]
17. R. T. Anderson, Farm Laborer (S)	H		1 770
18. Roy Brush, Farm Laborer (S)	H		1 770
19. Clarence Tooley, Farm Laborer (S)	H		1 770
Total, Dixon Springs Experiment Station		$	35 727

[1] With perquisites, valued at $20 a month, furnished for the convenience of the employee.
[2] With perquisites, valued at $15 a month, furnished for the convenience of the employee.

Agricultural Economics

1. Ruth Gorrell, Secretary (C 750; S 2,250)	H	$	3 000
2. Mrs. Thelma S. O'Neil, Senior Account Clerk (C 750; S 2,250)	H		3 000
3. Mary M. Graham, Junior File Clerk (S)	H		2 100
4. Mrs. Ellen W. Shroyer, Junior Account Clerk (S)	H50		990
(From Trust Farm Management Fund)	H50		(990)
(Total Salary)			(1 980)
5. Alice J. Moon, Junior Clerk-Stenographer (S)	H		1 620
6. Patricia A. McCullough, Assistant Clerk-Typist (S)	H		1 680
7. Mrs. Janice B. Stevenson, Assistant Office Appliance Operator (S)	H		1 722
Total, Agricultural Economics, College		$	1 500
Total, Agricultural Economics, Station		$	12 612
Total, Agricultural Economics		$	14 112

Farm Account Revolving Account (Entire budget from receipts)

1. Betty Ann Kopatz, Junior Office Appliance Operator	H20	$	351
(From Soil Conservation Service)	H80		(1 499)
(Total Salary)			(1 800)
2. Mrs. Judith Greenberg, Assistant Office Appliance Operator	H		1 800
3. ————, Assistant Office Appliance Operator	H		1 800
4. ————, Assistant Office Appliance Operator	H		1 620
Total, Farm Account Revolving Account		$	5 571

Trust-Farm Bureau Farm Management

1. Mrs. Joyce B. Pagels, Assistant Office Appliance Operator	H	$	1 710

Agricultural Engineering

1. Mrs. Grace M. Stevenson, Senior Clerk-Stenographer (C 1,200; S 1,200)	H	$	2 400
2. Geraldine Epperson, Junior Clerk-Stenographer (S)	H		2 010
3. Virginia R. Schrock, Assistant Clerk-Stenographer (C 420; S 1,260)	H		1 680
4. Florence L. Reece, Junior Clerk-Typist (C 1,005; S 1,005)	H		2 010
5. M. Elizabeth Clayton, Assistant Clerk-Stenographer (S)	H		1 560
6. F. R. Wiley, Senior Laboratory Mechanic (C 1,560; S 2,340)	H		3 900
7. Guy Hart, Senior Laboratory Attendant (C 1,701; S 1,701)	H		3 402
8. Mrs. LaDora F. Ladik, Draftsman (S)	H		2 700
9. A. L. Carlson, Junior Laboratory Attendant (C 1,200; S 1,200)	H		2 400
Total, Agricultural Engineering, College		$	7 086
Total, Agricultural Engineering, Station		$	14 976
Total, Agricultural Engineering		$	22 062

Agronomy

1. Cecele E. Schlarman, Supervising Clerk-Stenographer (C)	H	$	3 300
2. Lulu B. Meyers, Chief Clerk (S)	H		3 300
3. Ada J. Wiles, Junior File Clerk (C 1,050; S 1,050)	H		2 100
4. Mrs. Nelle G. Pieper, Junior Clerk (S)	H		1 986
5. Mrs. Evelyn L. Miller, Junior Clerk-Stenographer (S)	H		1 950
6. Mrs. Frances L. Beeson, Junior Clerk-Typist (S)	H		1 800
7. ————, Junior Clerk-Typist (C)	H		1 800
8. Mrs. Lucille A. Poehler, Junior Clerk-Typist (S)	H		1 800
9. Mrs. Emeline J. Hoffman, Assistant Office Appliance Operator (S)	H		1 752
10. ————, Assistant Clerk-Typist (S)	H		1 560
11. Lucille J. Saathoff, Assistant Clerk-Typist (S)	H		1 560
12. ————, Assistant Clerk-Typist (S)	H		1 560
13. L. W. Clapp, Fieldman (S)	H		3 600

14.	Q. A. Calder, Assistant Fieldman (S)	H	3 000[1]
15.	C. O. Smith, Assistant Fieldman (S)	H	3 000
16.	W. M. Reymer, Assistant Fieldman (S)	H	3 000
17.	I. G. Bergfield, Assistant Fieldman (S)	H	3 000
18.	L. R. Anderson, Assistant Fieldman (S)	H	3 000
19.	H. M. Hayes, Assistant Fieldman (S)	H	3 000
20.	O. W. Pile, Assistant Fieldman (S)	H	3 000
21.	————————, Assistant Fieldman (S)	H	2 880
22.	F. V. Percival, Junior Laboratory Attendant (S)	H	3 000
23.	Mrs. Dorothy B. Lynch, Junior Laboratory Attendant (S)	H	2 661
24.	W. J. Matthews, Junior Laboratory Attendant (S)	H	2 604
25.	————————, Assistant Laboratory Attendant (S)	H	1 680
26.	E. R. Hutson, Assistant Agricultural Gardener (S)	H	2 880
27.	Mrs. Olga K. Durham, Draftsman (S)	H	2 322
28.	H. P. Etler, Junior Record Clerk		.....[2]
	Total, Agronomy, College		$ 6 150
	Total, Agronomy, Station		$ 60 945
	Total, Agronomy		$ 67 095

Animal Science

1.	Mrs. Ann M. Wilson, Secretary (C)	H	$ 2 520
2.	Mrs. Marie Bierfeldt, Secretary		.....[2]
3.	Leah M. Dunn, Secretary (S)	H40	1 200
	(See Dixon Springs)	H60	(1 800)
	(Total Salary)		(3 000)
4.	Mrs. Alma White, Senior Clerk-Stenographer (S)	H	2 280
5.	Hattie Cole, Junior Account Clerk (C)	H	2 400
6.	Mrs. Margaret Schrader, Junior Clerk-Stenographer (S)	H	2 100
7.	Helen D. Griswold, Junior Clerk-Stenographer (C)	H	1 920
8.	————————, Junior Clerk-Stenographer (S)	H	1 800
9.	Mrs. Bette H. Best, Junior Clerk-Stenographer (S)	H	1 770
10.	————————, Junior Clerk-Stenographer (S)	H	1 740
11.	Betty J. Martin, Assistant Clerk-Stenographer (C)	H	1 650
12.	Peggy Wacker, Assistant Clerk-Stenographer (S)	H	1 560
13.	John Rains, Supervising Farm Foreman		.....[2]
14.	Maurice Key, Farm Foreman (C)	H	3 840[3]
15.	W. J. Hampton, Herdsman (S)	H	3 840[3]
16.	J. L. Munson, Herdsman (S)	H50	1 920[3]
	(From Feed Storage)	H50	(1 920)
	(Total Salary)		(3 840)
17.	John Cogswell, Herdsman (C)	H	3 840[3]
18.	R. H. McDade, Herdsman (S)	H	3 840[3]
19.	Alex Edgar, Herdsman (C)	H	3 840[3]
20.	Walter McWard, Poultryman (S)	H	3 840[3]
21.	W. E. Gamble, Butcher (S)	H	3 840
22.	W. W. Hanes, Storekeeper (S)	H	3 600
23.	J. E. Murdock, Stores Clerk (S)	H50	1 500
	(See Horticulture)	H50	(1 500)
	(Total Salary)		(3 000)
24.	E. W. Martin, Senior Laboratory Attendant (S)	H	3 510
25.	W. A. Majors, Assistant Herdsman (C)	H	3 000
26.	C. A. Reynolds, Assistant Herdsman (From Feed Storage)	H	(3 000)
27.	Elmer Spencer, Assistant Herdsman (C)	H	3 000
28.	W. H. Marshall, Assistant Herdsman (S)	H	3 000
29.	R. F. Block, Assistant Herdsman (S)	H	3 000
30.	Thorne Matteson, Assistant Herdsman (C)	H	3 000
31.	G. A. Barnett, Assistant Herdsman (S)	H	3 000
32.	W. E. Roberts, Assistant Herdsman (S)	H	3 000

[1] With perquisites, valued at $276 a year, furnished for the convenience of the employee.
[2] On leave of absence without pay until further notice; disability benefits payable by Retirement System.
[3] With perquisites, valued at $360 a year, furnished for the convenience of the employee.

33. Joseph Mitsdarfer, Assistant Herdsman (S)	H		2 700
34. W. J. Eickhoff, Assistant Poultryman (S)	H		3 000
35. M. J. Coon, Assistant Poultryman (S)	H		3 000
36. Alonzo Fitzgerald, Assistant Poultryman (C)	H		3 000
37. J. P. Rayburn, Assistant Fieldman (S)	H		3 000
38. A. G. Potts, Assistant Fieldman (S)	H		3 000
39. E. W. Lewis, Assistant Fieldman (S)	H		3 000
40. J. W. Butler, Assistant Fieldman (C)	H		3 000
41. R. M. Busey, Assistant Fieldman (C)	H		3 000
42. ————————, Assistant Fieldman (S)	H		2 520
43. R. R. Marsh, Junior Laboratory Attendant (S)	H		2 880
44. W. R. Casebeer, Junior Laboratory Attendant (S)	H		2 790
45. J. J. Tiffin, Junior Laboratory Attendant (S)	H		2 400
46. G. C. Edwards, Assistant Laboratory Attendant			.....[1]
47. Roy Byard, Farm Laborer			.....[1]
Total, Animal Science, College			$ 38 010
Total, Animal Science, Station			$ 78 630
Total, Animal Science			$116 640

Dairy Science

1. Helen M. Hawk, Secretary (C 1,440; S 1,440)	H	$	2 880
2. June E. Jenkins, Senior Clerk-Stenographer (C)	H		2 580
3. Barbara Hartman, Junior Clerk-Stenographer (C 1,050; S 1,050)	H		2 100
4. Mrs. Marjorie M. Hildreth, Junior Clerk-Stenographer (C)	H74		1 380
(See Official Test Revolving)	H26		(480)
(Total Salary)			(1 860)
5. Mrs. Faye E. Evans, Junior Clerk-Stenographer (C 458; S 1,372)	H		1 830
6. Mrs. Betty L. Duff, Junior Clerk-Typist (C)	H		1 740
7. Mrs. Lois Arnholt, Junior Clerk-Typist (C 855; S 855)	H		1 710
8. Jeanne Runyan, Assistant Account Clerk (C 780; S 780)	H		1 560
9. Florence Sprehe, Assistant Clerk-Stenographer (C 1,170; S 390)	H		1 560
10. C. E. Griffet, Senior Laboratory Attendant (C 2,700; S 900)	H		3 600
11. ————————, Junior Laboratory Attendant (C 1,800; S 600)	H		2 400
12. Nelson Mosser, Supervising Farm Foreman (C 1,920; S 1,920)	H		3 840[2]
13. Fay Campbell, Farm Foreman (S)	H		3 600[2]
14. R. L. Shirley, Herdsman (C)	H		3 600
15. J. E. Barnes, Assistant Herdsman (C)	H		3 000
16. A. E. Miller, Assistant Herdsman (S)	H		3 000
17. Orville Starwalt, Assistant Herdsman (C 1,500; S 1,500)	H		3 000
18. R. E. King, Assistant Herdsman (C)	H		3 000
19. Lawrence Campbell, Assistant Herdsman (C)	H		3 000
20. Frank Seiler, Assistant Herdsman (C)	H		3 000
21. Lowell Greathouse, Assistant Herdsman (S)	H		3 000
22. J. A. Voss, Assistant Herdsman (C)	H		3 000
23. B. E. Petty, Assistant Herdsman (C)	H		3 000
24. C. S. Spitz, Assistant Herdsman (C)	H		3 000
25. R. C. Stephens, Assistant Fieldman (S)	H		3 000
26. Silas Roland, Assistant Herdsman (C)	H		3 000
27. P. H. Gray, Assistant Fieldman (S)	H		3 000
28. B. E. Hammitt, Assistant Herdsman (C)	H		3 000
29. G. L. Foreman, Assistant Herdsman (C)	H		3 000
30. W. H. Soloman, Assistant Herdsman (C)	H		3 000
31. P. E. Burkitt, Assistant Herdsman (C)	H		3 000
32. W. R. Smith, Assistant Herdsman (C)	H		3 000

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

[2] With perquisites, valued at $360 a year, furnished for the convenience of the employee.

33. M. W. Trimble, Assistant Fieldman (S)	H		3 000
34. J. S. Blaford, Assistant Herdsman (C)	H		3 000
35. R. R. Layman, Assistant Herdsman (C)	H		3 000
36. J. E. Bahls, Assistant Herdsman (S)	H		2 700
Total, Dairy Science, College		$	67 973
Total, Dairy Science, Station		$	32 107
Total, Dairy Science		$100	080

Official Test Revolving Account (Entire budget from receipts)

1. Mrs. Marjorie M. Hildreth, Junior Clerk-Stenographer... (See Dairy Science)	H26	$	480
2. A. J. Whitby, Advanced Registry Tester	H		2 526
3. Layton Anderson, Advanced Registry Tester	H		2 526
4. C. K. Hays, Advanced Registry Tester	H		2 526
5. O. T. Miner, Advanced Registry Tester	H		2 526
6. T. D. Miner, Advanced Registry Tester	H		2 406
7. C. M. Graves, Advanced Registry Tester	H		2 406
8. R. F. Johnson, Advanced Registry Tester	H		2 208
9. E. E. Kimmel, Advanced Registry Tester	H		2 208
Total, Official Test Revolving Account		$	19 812

Food Technology

1. Mrs. Martha S. Campbell, Secretary (S)	H	$	2 400
2. Agnes M. Wikoff, Senior Clerk-Stenographer (S)	H50		1 080
(See Dairy Creamery)	H50		(1 080)
(Total Salary)			(2 160)
3. Ethel D. Wood, Assistant Clerk-Typist (S)	H		1 680
Total, Food Technology		$	5 160

Dairy Creamery (Entire budget from receipts)

1. Agnes M. Wikoff, Senior Clerk-Stenographer (See Food Technology)	H50	$	1 080
2. Bonnie J. Webster, Assistant Clerk-Typist	H		1 770
3. V. L. Swearingen, Creamery Supervisor	H		4 200
4. W. L. Herriott, Creamery Man	H		3 000
5. W. H. Reinhart, Creamery Man	H		3 000
6. R. J. Getz, Creamery Man	H		2 820
Total, Dairy Creamery		$	15 870

Forestry

1. Dorothy E. Hanke, Secretary (C)	H79	$	2 340
(See Bankhead-Jones Fund)	H21		(600)
(Total Salary)			(2 940)
2. Jean Erickson, Junior Clerk-Stenographer (C)	H		2 100
Total, Forestry		$	4 440

Home Economics

1. ————————, Senior Clerk-Typist (C)	H	$	2 400
2. Bessie E. Packard, Senior Clerk-Stenographer			.....[1]
3. Dorothy E. Porter, Senior Record Clerk (C)	H		2 100
4. Mrs. Pearl Redmon, Junior Laboratory Attendant (C)	H		2 490
5. Eileen Jennings, Junior Clerk-Typist (C)	H		1 830
6. Mrs. Bernice Haessly, Housekeeper (C)	H		1 740
7. Mrs. Mary J. Wisner, Assistant Clerk-Typist (C)	H		1 560
Total, Home Economics		$	12 120

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

Home Economics Cafeteria Revolving Account
(Entire budget from receipts)

1. Mrs. Clara Jackson, Kitchen Helper	E	$	922
Total, Home Economics Cafeteria Revolving Account		$	922

Horticulture

1. Louise Mosgrove, Supervising Clerk-Stenographer (C 1,650; S 1,650)	H	$	3 300
2. Mrs. Linnetta M. Parry, Junior Clerk-Stenographer (C 1,101; S 1,101)	H		2 202
3. J. C. Fisher, Junior Clerk-Stenographer (C 945; S 945)	H		1 890
4. Evelyn L. Watson, Junior Clerk-Stenographer (C 450; S 450)	H50		900
(From Trust Monsanto Fungicides)	H50		(900)
(Total Salary)			(1 800)
5. Mrs. Marialyce H. Boswell, Junior Clerk-Stenographer (C 900; S 900)	H		1 800
6. Mrs. Natalie L. Hawley, Junior Clerk-Typist (C 810; S 810)	H		1 620
7. ————, Assistant Clerk-Stenographer (C 810; S 810)	H		1 620
8. Harold McGee, Supervising Farm Foreman (C 1,920; S 1,920)	H		3 840
9. W. T. Matthews, Farm Foreman (S)	H		3 600
10. ————, Farm Foreman (C)	H		3 276
11. Hugo Feldten, Farm Foreman (S)	H		3 240
12. C. E. Gerber, Farm Foreman (S)	H		2 424
13. Roy F. Michael, Storekeeper (C)	H		3 600
14. J. E. Murdock, Stores Clerk (C)	H50		1 500
(See Animal Science)	H50		(1 500)
(Total Salary)			(3 000)
15. C. J. Rund, Chief Cold Storage Operator (S)	H		3 600
16. W. E. Clark, Cold Storage Operator (S)	H		3 000
17. Edward Lewis, Cold Storage Operator (S)	H		3 000
18. J. C. Embry, Assistant Agricultural Gardener and Cold Storage Operator (S)	H		3 000
19. Walter Young, Assistant Agricultural Gardener (S)	H		3 000
20. V. E. Anderson, Assistant Agricultural Gardener (C)	H		3 000
21. Virgil Kesler, Assistant Agricultural Gardener (S)	H		3 000
22. Bert Entler, Assistant Agricultural Gardener (S)	H		3 000
23. R. C. Chancellor, Assistant Agricultural Gardener (S)	H		3 000
24. John Dixon, Assistant Agricultural Gardener (S)	H		3 000
25. Lowell Potts, Assistant Agricultural Gardener (S)	H		3 000
26. F. C. Myers, Assistant Agricultural Gardener (S)	H		3 000
27. E. B. Strader, Assistant Agricultural Gardener (S)	H		3 000
28. Ira Gudgel, Assistant Agricultural Gardener (S)	H		3 000
29. Garland Riddell, Assistant Agricultural Gardener (S)	H		3 000
30. E. O. Hart, Assistant Agricultural Gardener (S)	H		3 000
31. E. O. Hughes, Assistant Agricultural Gardener (S)	H		3 000
32. C. H. Mohr, Assistant Agricultural Gardener (S)	H		2 760[1]
33. G. J. Gleason, Assistant Agricultural Gardener (S)	H		3 000
34. C. E. Warren, Assistant Agricultural Gardener (S)	H		3 000
35. Stanley Bundy, Assistant Agricultural Gardener (S)	H		3 000
36. J. F. Reinhart, Assistant Agricultural Gardener (S)	H		3 000
37. Vernon Harris, Assistant Agricultural Gardener (S)	H		3 000
38. Thomas Arie, Assistant Agricultural Gardener (S)	H		3 000
39. A. L. Brummet, Assistant Agricultural Gardener (C)	H		3 000
40. G. B. Winkelman, Assistant Agricultural Gardener (S)	H		3 000
41. C. J. Miller, Assistant Agricultural Gardener (C)	H		3 000
42. D. E. Nelson, Assistant Agricultural Gardener (C)	H		3 000

[1] With perquisites, valued at $240 a year, furnished for the convenience of the employee.

43. Mrs. Helen O. Landreth, Senior Laboratory Attendant (S)	H		2 760
44. Paul Phillips, Farm Laborer (S)	H		2 040
45. Lowell Steuber, Farm Laborer			.....[1]
46. Peter Hansen, Farm Laborer			.....[1]
Total, Horticulture, College			$ 28 962
Total, Horticulture, Station			$ 95 010
Total, Horticulture			$123 972

Adams Fund

ANIMAL SCIENCE			
1. G. D. Wood, Junior Laboratory Attendant	H50	$	1 395
(See Bankhead-Jones Fund)	H50		(1 395)
(Total Salary)			(2 790)
HORTICULTURE			
2. ————, Assistant Clerk-Stenographer	H		1 380
Total, Adams Fund		$	2 775

Bankhead-Jones Fund

DIXON SPRINGS			
1. V. W. Etheridge, Farm Laborer	H	$	1 920[2]
2. Dee Robinson, Farm Laborer	H		1 830[3]
3. E. W. Bailey, Farm Laborer	H		1 800[3]
AGRICULTURAL ECONOMICS			
4. Mrs. Mary E. Compton, Junior Office Appliance Operator	H		1 950
ANIMAL SCIENCE			
5. G. D. Wood (See Adams Fund, Item 1)	H50		1 395
6. Mrs. Jeanne Curtiss, Junior Laboratory Attendant	H		2 256
7. Mrs. Eva Marcus Cohn, Junior Laboratory Attendant	H		2 256
FORESTRY			
8. Dorothy E. Hanke (See Forestry, Item 1)	H21		600
HOME ECONOMICS			
9. Mrs. Irmgard M. Brieske, Junior Clerk-Stenographer	H		1 800
Total, Bankhead-Jones Fund		$	15 807

Hatch Fund

1. Marion F. Berry (See Administration, Item 1)	H18	$	690
2. Mrs. Dorothy L. Rosenbery, Junior Clerk	H		1 860
Total, Hatch Fund		$	2 550

Purnell Fund

AGRICULTURAL ECONOMICS			
1. Mrs. Elinor A. Kirchhofer, Junior Clerk-Stenographer	H	$	2 100
2. Maxine E. Mayer, Junior Clerk-Stenographer	H		1 878
3. ————, Junior Clerk-Stenographer	H		1 680
4. Mrs. Myra E. Stayton, Junior Account Clerk	H		1 950
5. Mrs. Doris I. Petersen, Assistant Clerk-Stenographer	H		1 680
ANIMAL SCIENCE			
6. Jasper Lewis, Butcher	H		3 660
HOME ECONOMICS			
7. Mrs. Helen H. Holmes, Junior Clerk-Stenographer	H		1 800
Total, Purnell Fund		$	14 748

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.
[2] With perquisites, valued at $240 a year, furnished for the convenience of the employee.
[3] With perquisites, valued at $180 a year, furnished for the convenience of the employee.

Research and Marketing Fund

AGRICULTURAL ECONOMICS

1. ————————, Junior Clerk-Stenographer	H	$	1 800
Total, Research and Marketing Fund		$	1 800

Regional Research Fund

AGRICULTURAL ECONOMICS

1. Mrs. Ophia M. Sokolowski, Junior Statistician	H	$	2 100
Total, Regional Research Fund		$	2 100

EXTENSION SERVICE

Illinois Farmers' Institute

1. Ann Harrison, Junior Clerk-Stenographer	H	$	1 740
Total, Illinois Farmers' Institute		$	1 740

State Agricultural Extension

ADMINISTRATION

1. Mrs. Mellie G. Holt, Senior File Clerk	H	$	2 862
2. Carl Empson, Senior Office Appliance Operator	H		2 940
3. R. E. Otis, Storekeeper	H		2 940
4. Margie L. Lange, Senior Clerk-Typist	H		2 220
5. W. M. Hire, Junior Office Appliance Operator	H		2 220
6. Patricia Meyers, Junior Clerk-Typist	H		2 040
7. L. J. Loy, Junior Office Appliance Operator	H		1 980
8. E. R. Smith, Junior Office Appliance Operator	H		1 980
9. Mrs. Lou A. Stevenson, Junior Clerk	H		1 980
10. Mrs. Loretta K. Walker, Junior Clerk-Stenographer	H		1 980
11. ————————, Junior Account Clerk	H		1 800
12. ————————, Junior File Clerk	H		1 800
13. Mrs. Dolores Fisher, Junior Clerk-Typist	H		1 770
14. ————————, Assistant Clerk	H		1 560
EXTENSION EDITORS			
15. Mrs. Dorothy Scott, Junior Clerk-Stenographer	H		1 830
FARM ADVISERS AND SUPERVISORS			
16. Mary R. Plankenhorn, Junior Account Clerk	H		2 160
17. Margaret M. Woods, Junior Clerk	H		1 980
18. Mary E. Turner, Junior Clerk	H		1 920
19. ————————, Junior Clerk-Stenographer	H		1 740
20. Mrs. Martha M. Dunlap, Assistant Clerk-Typist	H		1 710
21. Helena S. Bateman, Assistant Clerk	H		1 650
22. Shirley J. Chaney, Assistant Clerk	H		1 620
23. ————————, Assistant Clerk	H		1 560
AGRICULTURAL 4-H CLUB WORK			
24. Evelyn Myers, Assistant Clerk-Typist	H		1 560
HOME ADVISERS			
25. Twilla Lauher, Junior Clerk-Typist	H		2 040
26. Mrs. Betty Jolly, Junior Clerk-Stenographer	H		1 980
27. Mrs. Marjorie E. Heimberger, Junior Clerk-Typist	H		1 830
28. Charlotte M. Haessly, Junior Clerk-Typist	H		1 830
29. Donna Mason, Junior Clerk-Typist	H		1 800
30. ————————, Junior Clerk-Typist	H		1 620
31. Mrs. Betty Dowling, Assistant Clerk-Typist	H		1 710
32. Irma J. Wells, Assistant Clerk-Typist	H		1 650
33. Dolores Glover, Assistant Clerk-Typist	H		1 650
Total, State Agricultural Extension		$	63 912

Bankhead-Flannagan Fund

ADMINISTRATION

1. ————————, Senior Clerk-Stenographer	H60	$	1 620
2. Mrs. Norma A. Smith, Junior Clerk-Stenographer	H		1 830
Total, Bankhead-Flannagan Fund		$	3 450

Smith-Lever Fund (including Bankhead-Jones)

ADMINISTRATION			
1. Marion F. Berry (See Administration, Item 1)	H82	$	3 090
2. Blanche L. Lewis, Chief Clerk	H		3 780
3. E. E. Lowry, Senior Office Appliance Operator	H		2 940
4. ————, Junior Clerk-Stenographer	H		2 100
EXTENSION EDITORS			
5. Carolyn Gerdes, Senior Clerk-Stenographer	H		2 520
FARM ADVISERS			
6. ————, Junior Clerk-Stenographer	H		1 830
AGRICULTURAL 4-H CLUB WORK			
7. ————, Junior Clerk-Stenographer	H		1 980
HOME ECONOMICS			
HOME ADVISERS			
8. Mrs. Mildred D. Metzel, Supervising Clerk-Stenographer	H		3 180
9. Virginia Ball, Senior Clerk-Typist	H		2 400
Total, Smith-Lever Fund		$	23 820

COLLEGE OF ENGINEERING AND ENGINEERING EXPERIMENT STATION

Explanation of symbols in titles:
C = College; S = Station

Administration

1. Marie Huber, Senior Secretary (C 2,079; S 2,079)	H	$	4 158
2. Ramona Huber, Chief Clerk (C)	H		3 084
3. Charlotte Gerichs, Senior Clerk-Stenographer (C)	H		2 370
4. Mrs. Virginia McCausland, Senior Clerk-Stenographer (C)	H		2 370
5. Helen Ruth Gunning, Senior Record Clerk (C)	H		1 890
6. Mrs. Gladys M. Dawless, Junior Clerk-Stenographer (S)	H		1 890
7. Mary L. Maxwell, Junior Clerk-Stenographer (C)	H		1 860
8. Mrs. Jane L. Halverson, Junior Clerk-Typist (C 900; S 900)	H		1 800
9. ————, Junior Clerk-Stenographer (S)	H		1 680
10. ————, Assistant Record Clerk (C)	H		1 650
11. Shirley Wilson, Assistant Record Clerk (C)	H		1 590
Total, Administration, College		$	17 793
Total, Administration, Station		$	6 549
Total, Administration		$	24 342

Measurement Program

1. ————, Senior Laboratory Mechanic (S)	H	$	3 300
2. B. H. Barwise, Junior Electric Measurement and Instrument Technician (S)	H		2 820
3. Betty L. Hull, Senior Clerk-Stenographer (S)	H		2 220
Total, Measurement Program		$	8 340

Aeronautical Engineering

1. P. R. Tabaka, Senior Laboratory Mechanic (C)	H	$	3 660
2. T. M. O'Connor, Senior Laboratory Mechanic (C)	H		3 480
3. J. A. Johnson, Junior Laboratory Mechanic (C)	H		3 120
4. ————, Junior Laboratory Mechanic (C)	H		3 120
5. Loretta C. Schumacher, Secretary (C)	H		2 340
6. Elva G. Schwerdtfeger, Junior Clerk-Stenographer (C)	H		2 040
Total, Aeronautical Engineering		$	17 760

Ceramic Engineering

1. G. W. Conlee, Potter (C 3,456; S 384)	H	$ 3 840
2. J. H. Cain, Junior Laboratory Mechanic (C 3,024; S 336)	H	3 360
3. Mrs. Dorothy B. Woods, Secretary (C 2,700; S 300)	H	3 000
4. James Walsh, Storekeeper (C 2,719; S 302)	H	3 021
5. Betty L. Grothe, Junior Clerk-Stenographer (C 1,620; S 180)	H	1 800
Total, Ceramic Engineering, College		$ 13 519
Total, Ceramic Engineering, Station		$ 1 502
Total, Ceramic Engineering		$ 15 021

Cooperative Investigations

ARMY AIR FORCES — 14520

1. B. C. Brown, Junior Laboratory Attendant	H	$ 2 601
2. Mary L. Wiggs, Junior Clerk-Stenographer	H	1 680

Chemical Engineering Research

1. Marjorie L. Honn, Senior Clerk-Stenographer (S)	H	$ 2 400
Total, Chemical Engineering Research		$ 2 400

Civil Engineering

1. D. F. Lange, Senior Laboratory Mechanic (S)	H	$ 4 200
2. Wallace Boas, Senior Laboratory Mechanic (S)	H	4 020
3. H. R. Bryant, Senior Laboratory Mechanic (S)	H	3 900
4. Elza E. Rice, Senior Laboratory Attendant (S)	H	2 760
5. W. R. Maddox, Assistant Laboratory Mechanic		.....[1]
6. Mrs. Kathryn C. Jordan, Secretary (C 2,485; S 275)	H	2 760
7. Ruth Miner, Junior Clerk-Stenographer (S)	H	1 980
8. Mrs. Doyne Proudfit, Junior Clerk-Stenographer (C 1,728; S 192)	H	1 920
9. Mrs. T. Patricia Peterson, Junior Clerk-Typist (C 1,663; S 185)	H	1 848
10. Mrs. Agnes M. Ingram, Junior Clerk-Typist (C 1,544; S 172)	H	1 716
11. Mrs. Betty W. Cutchin, Junior Clerk-Typist	H33	580
(See Building Program Committee)	H67	(1 160)
(Total Salary)		(1 740)
Total, Civil Engineering, College		$ 7 942
Total, Civil Engineering, Station		$ 17 742
Total, Civil Engineering		$ 25 684

Cooperative Investigations

OFFICE OF NAVAL RESEARCH — TASK V

1. O. H. Ray, Senior Laboratory Mechanic	H	$ 3 720
2. Walter Wilsky, Junior Laboratory Mechanic	H	3 300
3. E. E. Kirby, Junior Laboratory Mechanic	H	3 300
4. Rose Whitaker, Junior Clerk-Stenographer	H	1 770

COPPER AND BRASS RESEARCH ASSOCIATION — TESTS OF JOINTS IN COPPER

5. R. M. Smith, Senior Laboratory Mechanic	H	3 540
6. W. E. McKenzie, Junior Laboratory Attendant	H	2 520

RESEARCH COUNCIL — RIVETED AND BOLTED STRUCTURAL JOINTS

7. L. J. Mesker, Senior Laboratory Mechanic	H	3 660
8. Walter Monical, Junior Laboratory Mechanic	H	3 240
9. Mrs. Lucille D. Hall, Junior Clerk-Stenographer	H25	450
(See Theoretical and Applied Mechanics)	H75	(1 350)
(Total Salary)		(1 800)

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

ILLINOIS DIVISION OF HIGHWAYS — COOPERATIVE RESEARCH ON HIGHWAY DRAINAGE		
10. Irby Hickenlooper, Senior Laboratory Mechanic	H	3 600
11. Mrs. Caryl Brubaker, Junior Clerk-Typist	H50	900
UNITED STATES ENGINEER CENTER No. 453		
12. Woodrow Orr, Junior Laboratory Attendant	H	2 520
DIVIDED POSITIONS		
13. E. R. Reimer, Senior Laboratory Mechanic (50% CE ONR-Task V; 50% Research Council — Riveted and Bolted Structural Joints)	H	3 720
14. Rogene Strode, Senior Clerk-Stenographer (50% Research Council — Riveted and Bolted Structural Joints; 50% Tests of Joints in Copper)	H	2 436

Electrical Engineering

1. G. H. Powers, Senior Laboratory Mechanic (C)	H	$ 4 260
2. Tweed Littler, Senior Laboratory Mechanic (C)	H	3 660
3. W. W. Johnston, Senior Electric Instrument and Measurement Technician (C)	H	3 660
4. L. H. Claybaugh, Senior Laboratory Mechanic (C)	H	3 540
5. James Pulliam, Junior Laboratory Mechanic (C)	H	3 240
6. W. E. Kruse, Junior Laboratory Mechanic (C)	H	3 240
7. K. E. Merritt, Junior Laboratory Mechanic (C)	H	3 120
8. J. C. Humphrey, Junior Laboratory Attendant (C)	H	2 880
9. G. E. Bellinger, Jr., Junior Laboratory Mechanic (C)	H	2 880
10. Guy Gardner, Junior Electric Instrument and Measurement Technician (C)	H	2 820
11. F. E. Dilley, Stores Clerk (C)	H	2 820
12. D. D. Pritchard, Stores Clerk (C)	H	2 820
13. C. S. Preston, Stores Clerk (C)	H	2 820
14. Mrs. Marcia Peterman, Supervising Clerk-Stenographer (C)	H	3 180
15. Mrs. Brenda E. Stutler, Junior Clerk-Stenographer (C)	H	2 040
16. Mrs. Janet S. Woodworth, Junior Clerk-Stenographer (C)	H	2 040
17. Mrs. Hazel M. Crawford, Junior Clerk-Stenographer (C)	H	1 920
18. Mrs. Catherine L. Crow, Junior Clerk-Stenographer (C)	H	1 920
19. Mrs. Evelyn M. Ongman, Junior Clerk-Typist (C)	H	1 860
20. Mrs. Helen Novak, Junior Clerk-Stenographer (C)	H	1 830
Total, Electrical Engineering		$ 56 550

Cooperative Investigations

WATSON LABORATORIES 5		
1. C. M. Boley, Instrument Maker	H	$ 4 260
2. R. R. Thompson, Junior Engineer Draftsman	H	3 035
WATSON LABORATORIES 18		
3. W. H. Carr, Junior Engineer Draftsman	H	3 120
ARMY AIR FORCES 20778		
4. Mark Goebel, Junior Engineer Draftsman	H	2 400
5. Catharine C. Cacioppo, Junior Clerk-Stenographer	H	1 890
ARMY AIR FORCES 21811		
6. C. G. Luesse, Assistant Laboratory Mechanic	H	2 760
ARMY AIR FORCES 15293		
7. I. R. Franklin, Senior Laboratory Mechanic	H	3 540
8. R. E. Smith, Senior Laboratory Mechanic	H	3 360
9. A. E. Monson, Junior Laboratory Mechanic	H	3 120
ARMY AIR FORCES 14742		
10. B. L. Marshall, Instrument Maker	H	4 380
11. J. F. Lowe, Instrument Maker	H	4 260

12. Walter Demlow, Senior Laboratory Mechanic	H	3 660
13. V. G. McIntosh, Junior Laboratory Mechanic	H	3 120
14. Peter Wargo, Junior Laboratory Mechanic	H50	1 680
15. ————, Assistant Laboratory Mechanic	H	2 640
16. Mrs. Margaret M. Jones, Junior Clerk-Stenographer	H	2 040
17. Mrs. H. Lynn Sorensen, Junior Clerk-Typist	H	1 890
ARMY AIR FORCES 14538		
18. C. I. Mensendick, Research Program Administrative Assistant	H	4 600
19. Walter Roth, Instrument Maker	H	3 900
20. Richard Parrill, Senior Laboratory Mechanic	H	3 540
21. J. F. Baxter, Junior Laboratory Mechanic	H	2 880
22. E. L. Huston, Draftsman	H	2 640
23. W. H. Christoffers, Junior Laboratory Mechanic	H50	1 680
24. J. R. Singer, Junior Laboratory Mechanic	H50	1 560
OFFICE OF NAVAL RESEARCH — TASK XV		
25. Helen K. Todd, Senior Clerk-Stenographer	H	2 220
GRADUATE RESEARCH-TRUST-INDIRECT COST — DEVORE		
26. Wayne Hall, Junior Laboratory Mechanic	H50	1 428[1]
DIVIDED POSITIONS		
27. R. N. Waggener, Senior Glassblower (34% Watson Labs. 5; 33% AAF 14538; 33% AAF 14742)	H	4 500
28. C. L. Fisher, Glassblower (75% AAF 14742; 25% Electron Tube Revolving)	H	4 020
29. T. A. Newkirk, Senior Electronics Technician (67% AAF 15293; 33% Graduate Research-Trust-Indirect Cost — DeVore)	H	3 900
30. N. C. Marsh, Research Program Administrative Assistant (34% AAF 15293; 33% ONR-Task XXI; 33% AAF 21811)	H	3 801
31. R. L. Warnock, Antenna Technician (50% AAF 20778; 50% Watson Labs. 18)	H	3 720
32. D. F. Judd, Junior Laboratory Mechanic (50% AAF 20779; 40% Bird Thermal Voltmeter; 10% Watson Labs. 432)	H	3 240
33. A. B. Wilson, Junior Laboratory Mechanic (25% Watson Labs. 5; 25% AAF 14538; 25% AAF 14742; 25% ONR-Task XIX)	H	3 180
34. R. P. Derrough, Junior Laboratory Mechanic (75% Watson Labs. 5; 25% Electron Tube Revolving)	H	3 120
35. F. F. Reed, Assistant Laboratory Mechanic (25% Watson Labs. 5; 25% AAF 14538; 25% AAF 14742; 25% ONR-Task XIX)	H	2 700
36. M. D. Gannaway, Junior Laboratory Attendant (50% AAF 20778; 50% Watson Labs. 18)	H	2 580
37. Mrs. Mary A. Chapman, Junior Clerk-Typist (70% AAF 21811; 30% AAF 21682)	H	1 770
ELECTRICAL ENGINEERING SPECIAL SALARY AND EQUIPMENT FUND		
38. H. R. Good, Storekeeper	H	3 300
39. Richard Warrick, Stores Clerk	H	2 820
40. E. R. Jackson, Stores Clerk	H	2 550
41. Mrs. Miriam Trenter, Junior Account Clerk	H	2 040
42. Mrs. Teresa B. Carlander, Junior Account Clerk	H	2 040
43. Mrs. Laura V. Verbanac, Junior Account Clerk	H	1 950
44. Mrs. Helen L. Burdick, Junior Account Clerk	H	1 920
45. Mrs. Evelyn R. Brown, Junior Clerk	H	1 800

[1] Paid at hourly rather than monthly rate. Budgeted amount is estimated salary based upon normal number of working hours a year.

General Engineering Drawing

1.	Mrs. Norma B. Van Delinder, Senior Clerk-Stenographer (C)	H	$ 1 980
	Total, General Engineering Drawing		$ 1 980

Mechanical Engineering

1.	G. J. Oehmke, Instrument Maker (C 2,160; S 2,160)	H	$ 4 320
2.	M. W. Hoag, Senior Laboratory Mechanic (C 3,726; S 414)	H	4 140
3.	W. H. Smith, Senior Laboratory Mechanic (C 3,726; S 414)	H	4 140
4.	W. C. Clark, Senior Foundry Molder (C)	H	4 140
5.	E. B. Corbin, Senior Laboratory Mechanic (C)	H	3 900
6.	T. R. Heald, Senior Laboratory Mechanic (C)	H	3 540
7.	B. A. Manuel, Senior Laboratory Mechanic (C)	H	3 540
8.	Mrs. Beulah Dent, Supervising Clerk-Stenographer (C 2,970; S 330)	H	3 300
9.	L. J. Trotter, Junior Foundry Molder (C)	H	3 120
10.	T. E. Parsons, Senior Laboratory Mechanic (C)	H	3 000[1]
11.	W. R. Gordon, Junior Laboratory Mechanic (C) (Paid from Item 10)	H	(3 000)
12.	G. F. Miller, Junior Laboratory Mechanic (C)	H	3 000
13.	M. F. Sadorus, Storekeeper (C)	H	2 820
14.	Irene Cunningham, Senior Clerk-Stenographer (C)	H	2 616
15.	Helen McDonnell, Junior Clerk-Stenographer (S)	H67	2 100
16.	Marion D. Linsner, Assistant Clerk-Typist (C)	H	1 560
17.	Mrs. Jean Reed, Junior Clerk-Typist (C)	H	1 800
	Total, Mechanical Engineering, College		$ 45 618
	Total, Mechanical Engineering, Station		$ 5 418
	Total, Mechanical Engineering		$ 51 036

Mining and Metallurgical Engineering

1.	H. W. Kruse, Senior Laboratory Mechanic (C)	H	$ 3 900
2.	Hazel Allen, Secretary (C)	H	2 820
3.	F. R. O'Connor, Junior Laboratory Mechanic (S)	H	3 120
4.	W. L. Craig, Assistant Laboratory Mechanic (C)	H	2 502
5.	Mrs. Beverly E. Smith, Junior Clerk-Typist (S)	H	1 800
	Total, Mining and Metallurgical Engineering, College		$ 9 222
	Total, Mining and Metallurgical Engineering, Station		$ 4 920
	Total, Mining and Metallurgical Engineering		$ 14 142

Physics

1.	O. A. Walker, Glassblower (C)	H	$ 3 780
2.	Charles VanHolland, Senior Laboratory Mechanic (C)	H	3 900
3.	C. W. Fieg, Senior Laboratory Mechanic (C)	H	3 900
4.	W. C. Deem, Senior Laboratory Mechanic (C)	H	3 660
5.	————, Senior Laboratory Mechanic (C)	H	3 600
6.	————, Senior Laboratory Mechanic (C)	H	3 600
7.	D. A. Sypult, Senior Laboratory Mechanic (C)	H	3 540
8.	E. E. Clark, Senior Laboratory Attendant (C)	H	3 300
9.	W. A. Thornhill, Storekeeper (C)	H	3 120
10.	DeLos Oliver, Junior Laboratory Attendant (C)	H	2 820
11.	Mrs. Della R. McCown, Secretary (C)	H	3 000
12.	Mrs. Donna Tomlinson, Senior Clerk-Stenographer (C)	H	2 190
13.	Mrs. Ruth Sparks, Junior Clerk-Typist (C)	H	2 040
14.	Mrs. Elizabeth A. Halpin, Junior Account Clerk (C)	H	2 040
15.	Mrs. Virginia Voss, Junior Clerk-Typist (C)	H	1 740
16.	Mrs. Dolores M. Broome, Assistant File Clerk (C)	H	1 650
	Total, Physics		$ 47 880

[1] On leave of absence without pay for 1949-1950.

Cooperative Investigations

OFFICE OF NAVAL RESEARCH TASK I

1. Harve Belles, Senior Laboratory Mechanic	H	$	3 540
2. T. E. Wells, Senior Laboratory Mechanic	H		3 780
3. H. D. Stoner, Senior Laboratory Mechanic	H		3 660
4. M. A. Carrington, Senior Laboratory Mechanic	H		3 660
5. E. R. Cordes, Senior Laboratory Mechanic	H		3 660
6. Franklin Kibler, Senior Laboratory Mechanic	H		3 660
7. ————, Senior Laboratory Mechanic	H		3 300
8. L. E. Cole, Junior Laboratory Mechanic	H		3 000
9. Vincent Oakes, Trainee, Senior Laboratory Mechanic	H		3 120
10. R. D. Metz, Trainee, Senior Laboratory Mechanic	H		2 520
11. Mrs. Mary D. Chafaris, Junior Electronics Technician	H		2 820
12. C. A. McGuire, Junior Electronics Technician	H		3 300
13. E. E. Wascher, Junior Electronics Technician	H		2 940
14. A. Q. Hislop, Junior Electronics Technician	H		2 700
15. R. E. Sterritt, Trainee, Glassblower	H		2 940
16. J. J. Cochrane, Senior Engineering Draftsman	H		3 960
17. Raymond McGhee, Draftsman	H		3 000
18. F. L. Woody, Chief Clerk	H		3 600
19. Mrs. Wilna D. Johnston, Junior Laboratory Attendant	H		2 580

Physics Betatron

1. R. F. Flora, Laboratory Manager	H	$	5 400
2. Ernest Englund, Instrument Maker	H		5 001
3. C. E. Kling, Senior Glassblower	H		5 001
4. George Johnson, Senior Laboratory Mechanic	H		3 780
5. R. D. Kenworthy, Storekeeper	H		3 150
6. Mrs. Bess Randolph, Senior Clerk-Stenographer	H		2 220
7. Phillip Frances, Senior Account Clerk (From Betatron Development and Equipment — Special State)	H		(2 700)
8. Donald Vermillion, Assistant Laboratory Attendant Driver (From Betatron Development and Equipment — Special State)	H50 H50		(2 505)
9. Robert Bueschel, Senior Laboratory Mechanic (From Betatron Development and Equipment— Special State)	H		(3 420)
Total, Physics Betatron		$	24 552

Sewage Research

1. M. N. Norton, Junior Laboratory Mechanic (S)	H	$	3 240
Total, Sewage Research		$	3 240

Theoretical and Applied Mechanics

1. H. C. Boswell, Senior Laboratory Mechanic (C 1,992; S 1,992)	H	$	3 984
2. H. F. Baker, Senior Laboratory Mechanic (S)	H		3 900
3. H. T. Musgrove, Senior Laboratory Mechanic (S)	H		3 900
4. E. E. Shipley, Senior Laboratory Mechanic (C)	H		3 780
5. G. H. Steward, Senior Laboratory Mechanic (C)	H		3 780
6. Helen G. Patton, Secretary (C 2,115; S 705)	H		2 820
7. Mrs. Betty W. Alexander, Junior Clerk-Stenographer (C 1,530; S 510)	H		2 040
8. Dean Bailey, Senior Laboratory Mechanic (C)	H		3 780
9. Sam Ellis, Senior Laboratory Attendant (S)	H16		598
(From Concrete Research Council — Columns)	H84		(2 990)
(Total Salary)			(3 588)

10. J. R. Foster, Senior Laboratory Attendant (S)	H16		590
(From Steel Car Wheels Investigation)	H84		(2 950)
(Total Salary)			(3 540)
Total, Theoretical and Applied Mechanics, College			$ 16 977
Total, Theoretical and Applied Mechanics, Station			$ 12 195
Total, Theoretical and Applied Mechanics			$ 29 172

Cooperative Investigations

STEEL CAR WHEELS		
1. W. L. Adams, Senior Laboratory Mechanic	H	$ 3 900
CONCRETE SLABS INVESTIGATION		
2. S. L. Smith, Senior Laboratory Mechanic	H	3 900
3. W. C. Stitt, Trainee, Senior Laboratory Mechanic	H	2 940
OFFICE OF NAVAL RESEARCH TASK IV		
4. M. K. Shafer, Senior Laboratory Mechanic	H	3 900
5. G. E. Mercer, Senior Laboratory Mechanic	H	3 780
6. Mrs. Charlotte J. Hermanson, Junior Clerk-Stenographer	H	1 950
RAILS INVESTIGATION		
7. M. C. Moore, Senior Laboratory Mechanic	H	3 780
WHEEL LOADS, JOINT BARS, AND WEB STRESSES		
8. Elmer Hunt, Senior Laboratory Mechanic	H	3 780
DIVIDED POSITIONS		
9. L. L. Franklin, Senior Laboratory Mechanic (50% Rails Investigation; 50% Wheel Loads, Joint Bars, and Web Stresses)	H	3 780
10. Merle Ridgley, Senior Laboratory Mechanic (S) (50% Lead Sheating; 50% ONR-Task IV)	H	3 780
11. Mrs. Lucille D. Hall, Junior Clerk-Stenographer (S)		
(Concrete Slabs Investigation)	H75	1 350
(See Civil Engineering)	H25	(450)
(Total Salary)		(1 800)
12. Mrs. Ruby L. Lemburg, Junior Clerk-Stenographer (S) (50% Rails Investigation; 50% Steel Car Wheels)	H	1 800

GRADUATE COLLEGE

Administration

1. Eileen Green, Chief Clerk	H	$ 2 949
2. Mrs. Virginia Brunner, Secretary	H	2 649
3. Mrs. Sue Wirth, Senior Clerk-Stenographer	H	2 169
4. ————, Junior Clerk-Stenographer	H	2 031
5. Mrs. Lois Farr, Junior Clerk-Stenographer	H	1 929
6. Gladys E. Saathoff, Assistant Clerk-Typist	H	1 560
7. Patricia Gass, Assistant Clerk-Typist	H	1 680
8. Viola Kirby, Assistant Clerk-Typist	H	1 680
Total, Administration		$ 16 647

Special Graduate Fund

BOTANY		
1. Dorothy L. Work, Junior Laboratory Attendant	H	$ 2 316
PSYCHOLOGY		
2. Mrs. Elizabeth Morrison, Statistical Clerk	H	1 929
3. Mrs. Nathalia J. Carruth, Statistical Clerk	H	1 680
4. Margaret L. Erickson, Statistical Clerk	H	1 920
ELECTRONICS		
5. R. W. Tackett, Senior Electronics Technician (From Graduate College Electronics Digital Computer)	H	$ (3 840)
Total, Special Graduate Fund		$ 7 845

General Research

NAUL COMMITTEE — KENDEIGH

1. C. W. Smith, Forest Custodian (From Wages)	H		$ (3 034)[1]

SPEECH — FAIRBANKS

2. R. P. Jaeger, Junior Electronics Technician (From Wages)	H		(3 000)

Cooperative Investigations

ELECTRONIC DIGITAL COMPUTER — UNITED STATES ORDNANCE 11362

1. W. E. Jones, Jr., Instrument Maker	H		$ 4 800
2. G. W. Michael, Research Program Administrative Assistant	H		4 200
3. H. E. Lopeman, Junior Electronics Technician	H		3 000
4. T. J. Bigelow, Junior Engineering Draftsman	H		2 880
5. Mrs. Dorothy Wilk, Senior Clerk-Stenographer	H		2 100
6. Bonnie Kellogg, Stock Records Clerk	H		1 740

Aeromedical and Physical Environment Laboratory

1. Lawrence D. Siler, Junior Laboratory Mechanic	H		$ 3 120
2. ————, Senior Clerk-Stenographer	H50		1 200
Total, Aeromedical and Physical Environment Laboratory			$ 4 320

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Administration

1. Jo C. Schmalhausen, Senior Secretary	H		$ 4 080
2. Mrs. Mary P. Sudduth, Chief Clerk	H		3 120
3. Freda Walker, Chief Clerk			.....[2]
4. ————, Secretary	H		3 000
5. Ellenor Tallmadge, Editorial Writer	H34		1 000
(See Music)	H33		(1 000)
(See Education)	H33		(1 000)
(Total Salary)			(3 000)
6. Mrs. Mildred B. Brumfield, Senior Clerk-Stenographer	H		2 580
7. Mrs. Pauline Chapman, Senior Clerk-Stenographer	H		2 580
8. Mary Williams, Senior Clerk-Stenographer	H		2 580
9. Mrs. Josephine L. Sisney, Senior Clerk-Stenographer	H		2 400
10. ————, Senior Clerk-Stenographer	H		2 100
11. ————, Senior Clerk-Stenographer	H		2 100
12. ————, Senior Clerk-Stenographer	H		1 980
13. Dorothy Woodyard, Junior Clerk-Stenographer	H		1 860
14. ————, Junior Clerk-Stenographer	H		1 806
15. Mrs. Toby Moses, Junior Clerk-Stenographer	H		1 860
Total, Administration			$ 33 046

Business Organization and Operation

1. Mrs. Elsie M. Wilson, Secretary	H		$ 2 790
2. Macy L. Phenicie, Junior Clerk-Stenographer	H		1 860
Total, Business Organization and Operation			$ 4 650

Economics

1. ————, Secretary	H		$ 2 790
Total, Economics			$ 2 790

[1] Paid at hourly rather than monthly rate. Budgeted amount is estimated salary based upon a normal number of working hours a year.

[2] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

Bureau of Economic and Business Research

1.	Bettie J. Henderson, Secretary	H	$ 2 700
2.	Mrs. Ruth Steinberg, Junior Clerk-Stenographer	H	1 920
3.	Mrs. Betty Jo Pierson, Junior Clerk-Typist	H	1 920
4.	Ramona Russell, Junior Statistician	H	2 400
	Total, Bureau of Economic and Business Research		$ 8 940

Business Management Service

1.	————————, Secretary	H	$ 2 460
2.	Edna Kimpel, Junior Clerk-Stenographer	H	2 100
3.	————————, Junior Clerk-Stenographer	H	1 800
	Total, Business Management Service		$ 6 360

COLLEGE OF EDUCATION

Administration

1.	Betty A. Richards, Senior Secretary	H	$ 3 420
2.	Ellenor Tallmadge, Editorial Writer	H33	1 000
	(See Commerce, Administration)	H34	(1 000)
	(See Music)	H33	(1 000)
	(Total Salary)		(3 000)
3.	Maxine Georgen, Senior Clerk-Stenographer	H	2 502
4.	Mrs. Beryl B. Stahnke, Junior Clerk-Stenographer	H	2 100
5.	Mrs. Shirley M. Marsh, Junior Clerk-Stenographer	H	2 100
	Total, Administration		$ 11 122

Agricultural Education

1.	Mrs. Aila V. Austin, Junior Clerk-Stenographer	H	$ 1 920
2.	Mrs. Winifred O. Roy, Junior Clerk-Typist	H	1 680
	Total, Agricultural Education		$ 3 600

Committee on Appointment of Teachers

1.	Mrs. Mary F. Mauk, Chief Clerk	H	$ 3 501
2.	Mrs. Marilyn M. Weart, Junior Clerk-Stenographer	H	1 980
3.	Mrs. Irene J. Eicken, Junior Clerk-Stenographer	H	1 950
4.	Mrs. Anna L. Hickey, Assistant Clerk-Typist	H	1 842
5.	————————, Assistant Clerk	H	1 470
	Total, Committee on Appointment of Teachers		$ 10 743

Education

1.	Mrs. Sadelle L. Barnett, Supervising Clerk-Stenographer	H	$ 2 760
2.	————————, Senior Clerk-Stenographer	H50	1 250
	(See Committee on Admissions from Secondary Schools)	H50	(1 250)
	(Total Salary)		(2 500)
3.	Mrs. Jean H. Cripps, Junior Clerk-Stenographer	H	1 920
4.	Mrs. Marilyn M. Pearson, Junior Clerk-Typist	H	1 920
5.	Mrs. Mildred J. Simmons, Junior Clerk-Typist	H	1 890
6.	————————, Junior Clerk-Typist	H	1 800
7.	Mrs. Bette Karnosky, Junior Clerk-Typist	H	1 770
8.	————————, Junior Clerk-Typist	H50	1 000
	Total, Education		$ 14 310

University Council on Teacher Education

1.	Mrs. Nella Lougeay, Secretary	H	$ 2 904
2.	————————, Senior Clerk-Stenographer	H	2 076

SECONDARY SCHOOL CURRICULUM

3. Mrs. Barbara W. Ottoson, Senior Clerk-Stenographer (From Educational Nonrecurring)	H	(2 301)
Total, University Council on Teacher Education		$ 4 980

University High School

1. Marie A. O'Brien, Secretary	H	$ 2 880
2. Catherine Hall, Junior Clerk-Stenographer	H	2 040
3. ————, Assistant Clerk-Stenographer	H	1 560
Total, University High School		$ 6 480

Bureau of Research and Service

GENERAL

1. Mrs. Barbara Haxby, Senior Clerk-Stenographer	H	$ 2 340
2. Pauline M. Apperson, Senior Clerk-Stenographer	H	2 280
3. Mrs. Mary R. Nelson, Senior Clerk-Stenographer	H	2 220
4. ————, Junior Clerk-Stenographer	H	2 040
5. Mrs. Shirley L. Crank, Junior Clerk-Typist	H	1 800
6. Mrs. May T. Hart, Junior Clerk-Stenographer	H	1 800
7. Mrs. Shirley A. Deusch, Junior Clerk-Typist	H	1 800
Total, General		(14 280)

EVALUATION UNIT

8. Lois Williamson, Secretary	H	2 760
9. Mrs. S. Lucille Maris, Junior Office Appliance Operator	H	1 800
10. Mrs. Jean B. Madura, Junior Clerk-Stenographer	H	1 860
11. Mrs. Olive M. Willard, Junior Clerk	H	1 740
12. Mrs. Jewell E. Oliver, Junior Clerk	H	1 740
13. Mrs. Nancy McNabb, Junior Clerk	H	1 740
Total, Evaluation Unit		(11 640)
Total, Bureau of Research and Service		$ 25 920

Evaluation Unit Revolving Account (Entire budget from receipts)

1. Mrs. Clementyne Guy, Junior Clerk	H	$ 1 740
Total, Evaluation Unit Revolving Account		$ 1 740

COLLEGE OF FINE AND APPLIED ARTS

Administration

1. Alice T. Wall, Senior Secretary	H	$ 4 158
2. ————, Junior Clerk-Typist	H50	945
Total, Administration		$ 5 103

Architecture

1. Mrs. Mildred C. Barber, Secretary	H	$ 3 000
2. Raleigh Jessup, Senior Laboratory Attendant	H	2 820
Total, Architecture		$ 5 820

Cooperative Investigations

BITUMINOUS COAL RESEARCH, ANTHRACITE, AMERICAN COAL AND COKE RESIDENTIAL INVESTIGATION

1. Mrs. Lillian Lambert, Junior Clerk-Stenographer	H	$ 1 818
2. ————, Junior Architectural Draftsman	H	3 600
3. ————, Junior Architectural Draftsman	H50	1 800

Art

1. Mrs. Helen Jordan, Secretary	H	$ 2 772
Total, Art		$ 2 772

Landscape Architecture

1. ————————, Junior Clerk-Typist	H50	$	800
Total, Landscape Architecture		$	800

School of Music

1. R. E. Helmericks, Musical Instrument Technician	H	$	4 500
2. R. T. McNeely, Musical Instrument Technician	H		4 398
3. L. R. Smith, Musical Instrument Repairman	H		3 798
4. Lillian Marr, Secretary	H		3 000
5. Dorothy Lloyd, Junior Clerk-Stenographer	H		1 800
6. Ellenor Tallmadge, Editorial Writer	H33		1 000
(See Education, Administration)	H33		(1 000)
(See Commerce, Administration)	H34		(1 000)
(Total Salary)			(3 000)
Total, School of Music		$	18 496

Bureau of Community Planning

1. Mrs. Rose-Alice Neumann, Junior Clerk-Stenographer	H	$	1 950
Total, Bureau of Community Planning		$	1 950

SCHOOL OF PHYSICAL EDUCATION

Administration

1. Mrs. Helen E. Johnson, Senior Secretary	H	$	4 020
2. Donald Eason, Men's Locker Room Attendant	H		3 420
Total, Administration		$	7 440

Physical Education for Men

1. W. H. Thompson, Men's Locker Room Attendant	H	$	3 504
2. L. E. Tate, Men's Locker Room Attendant	H		3 348
3. R. E. Sternloff, Clinical Laboratory Technician	H		3 180
4. Mrs. Leona Alexander, Senior Clerk-Stenographer	H		2 700
5. H. S. Wolf, Junior Statistician	H		2 400
6. Phyllis Light, Senior Clerk-Stenographer	H		2 340
7. Mrs. Rita McCall, Junior Clerk-Stenographer	H		2 040
8. ————————, Junior Clerk-Stenographer	H		1 800
9. Mrs. Theresa Guiney, Junior Clerk-Stenographer	H		1 680
Total, Physical Education for Men		$	22 992

Physical Education for Women

1. Mrs. Gertrude Stull, Secretary	H	$	2 880
Total, Physical Education for Women		$	2 880

COLLEGE OF VETERINARY MEDICINE

1. Carrie McGreevy, Senior Secretary	H	$	3 720
2. Blanche L. Hays, Chief Clerk	H		3 300
3. Mrs. Rosalind McKenzie, Senior Clerk-Stenographer	H		2 460
4. Mrs. Laura M. Ashelford, Junior Clerk-Stenographer	H		2 100
5. ————————, Junior Clerk-Stenographer	H		1 878
6. ————————, Junior Clerk-Stenographer	H		1 845
7. ————————, Junior Clerk-Stenographer	H		1 800
8. Doris Wetzel, Assistant Clerk-Stenographer	H		1 680
9. R. T. Hamilton, Senior Laboratory Attendant	H		3 600
10. J. V. Washburn, Senior Laboratory Attendant	H		3 300
11. E. J. Wise, Junior Laboratory Attendant	H		2 790
(Retirement effective September 1, 1949)			

12. L. F. Striegel, Junior Laboratory Attendant	H	2 520
13. Mrs. Rachel Marlowe, Junior Laboratory Attendant	H	2 430
14. Mona Jervis, Assistant Laboratory Attendant	H	2 094
15. Mrs. Anna S. Ray, Assistant Laboratory Attendant	H	2 136
16. Mrs. Mary J. Otis, Assistant Laboratory Attendant	H	1 854
17. Ernest Reifsteck, Animal Caretaker	H	2 610
18. Orville Willemssen, Animal Caretaker	H	2 550
19. Paul Reynolds, Animal Caretaker	H	2 520
20. G. L. Crank, Animal Caretaker	H	2 520
Total, College of Veterinary Medicine		$ 49 707

COLLEGE OF LAW

1. Marian H. Martin, Senior Secretary	H	$ 4 158
2. ————, Senior Clerk-Stenographer	H	2 400
3. Mrs. Ina Schubert, Junior Clerk-Stenographer	H	2 100
4. Mrs. Jean E. Clinard, Junior Clerk-Stenographer	H	2 052
5. Mrs. Mary Flowers, Junior Clerk	H	1 752
6. Mrs. Vera Sands, Junior Clerk-Stenographer	H50	900
7. Virginia S. Wimer, Junior Clerk-Stenographer	H50	780
Total, College of Law		$ 14 142

SCHOOL OF JOURNALISM

1. Norma E. Carr, Chief Clerk	H	$ 3 300
2. Mrs. Dorothy L. Threet, Senior Clerk-Stenographer	H	2 100
3. Mrs. Charlotte M. Kipling, Junior Clerk-Stenographer	H	1 770
4. ————, Junior Clerk-Stenographer	H50	900
(See Institute of Communications)	H50	(900)
(Total Salary)		(1 800)
Total, School of Journalism		$ 8 070

LIBRARY SCHOOL

1. Helen I. Knights, Senior Clerk-Stenographer	H	$ 2 700
2. Eleanor Johnson, Junior Clerk-Stenographer	H	2 100
3. Mrs. Betty A. Nagle, Junior Clerk-Stenographer	H	1 950
4. ————, Junior Clerk-Stenographer	H	1 620
Total, Library School		$ 8 370

SUMMER SESSION

1. Harriett Broom, Secretary	H50	$ 1 440
(See University Extension)	H50	(1 440)
(Total Salary)		(2 880)
2. ————, Junior Clerk-Stenographer	H50	840
(See University Extension)	H50	(840)
(Total Salary)		(1 680)
Total, Summer Session		$ 2 280

DIVISION OF UNIVERSITY EXTENSION

Administration

1. Harriett Broom, Secretary	H50	$ 1 440
(See Summer Session)	H50	(1 440)
(Total Salary)		(2 880)
2. C. D. McMurry, Chief Clerk	H	3 678
3. ————, Junior Clerk-Stenographer	H50	840
(See Summer Session)	H50	(840)
(Total Salary)		(1 680)

4. Mrs. Dorothy B. Magrill, Junior Clerk-Stenographer	H		1 830
5. J. D. Karva, Junior Office Appliance Operator	H		1 920
6. ————, Assistant Office Appliance Operator	H		1 440
Total, Administration			$ 11 148

Extramural Courses and Conferences

1. ————, Junior Clerk-Stenographer	H	$	1 680
2. Janet Bragg, Assistant Clerk-Stenographer	H		1 590
3. Mrs. Lella Lancaster, Junior Clerk-Typist	H		1 710
Total, Extramural Courses and Conferences		$	4 980

Music Extension

1. ————, Autographer	H	$	3 600
2. Mrs. Johanna M. Gambino, Junior Clerk-Stenographer	H		1 830
3. ————, Assistant Clerk-Typist	H		1 560
Total, Music Extension		$	6 990

Visual Aids Service

1. Mrs. Bonita McMahan, Junior Clerk-Stenographer	H	$	1 980
Total, Visual Aids Service		$	1 980

Visual Aids Revolving Account (Entire budget from receipts)

1. Max Paris, Commercial Artist	H	$	3 000
2. ————, Visual Aids Specialist	H50		1 500
3. Wayne Long, Receiving Clerk	H		2 160
4. Florence Nesler, Receiving Clerk	H		1 743
5. ————, Senior Clerk-Stenographer	H		1 800
6. Mrs. Virginia Scott, Assistant Clerk	H		1 731
7. ————, Assistant Receiving Clerk	H		1 560
Total, Visual Aids Revolving Account		$	13 494

Correspondence Courses

1. Mrs. Lemma Sommers, Junior Clerk-Typist	H	$	1 806
2. Mrs. Alma G. Smith, Junior Clerk-Typist	H		1 860
3. Mrs. Betty McNeal, Junior Clerk-Stenographer	H		1 980
4. Mrs. Joanne Pribble, Junior Clerk-Typist	H		1 670
5. Madeline Reuter, Assistant Clerk-Typist	H		1 560
6. Barbara Hartman, Assistant Clerk-Typist	H		1 560
7. ————, Assistant Clerk-Typist	H		1 560
Total, Correspondence Courses		$	11 996

ROBERT ALLERTON PARK

Allerton Extension Center

1. E. E. Spicer, Senior Clerk	H	$	2 400
Total, Allerton Extension Center		$	2 400

Allerton Main House Operations

(Entire budget from receipts)

1. R. E. Poole, Head Cook	H	$	2 520[1]
2. Mrs. Dorothy D. Poole, Housekeeper	H		1 920[1]
Total, Allerton Main House Operations		$	4 440

Trust — Robert Allerton Park

1. Albert Priebe, Park Foreman	H	$	2 820
2. A. D. Guinn, Assistant Agricultural Gardener	H		2 700
3. D. J. Berry, Park Attendant	H		2 520
4. Myrlin Buckingham, Park Attendant	H		2 520

[1] With perquisites, valued at $168 a year, furnished for the convenience of the employee.

5. Enfer Evans, Park Attendant	H	2 520
6. C. A. Gadbury, Park Attendant	H	2 520
7. Ray Noecker, Park Attendant	H	2 520
8. M. L. Robinson, Park Attendant	H	2 520
Total, Trust—Robert Allerton Park		$ 20 640

UNIVERSITY OF ILLINOIS BANDS

1. Mrs. Rita M. Clayton, Senior Clerk-Stenographer	H	$ 2 220
2. Mrs. Velma I. Roberts, Senior Clerk-Stenographer		.....[1]
Total, University of Illinois Bands		$ 2 220

MILITARY DEPARTMENT

1. C. E. Musgrave, Assistant to the Military Property Custodian	H	$ 3 924
2. Marie Doyle, Secretary	H	3 000
3. W. E. Wells, Senior Clerk-Typist	H	2 604
4. Helen Byland, Junior Clerk-Stenographer	H	2 310
5. Mrs. Josephine Murphy, Assistant Clerk-Stenographer	H	1 986
6. F. E. Johnson, Stores Clerk	H	2 400
7. Mrs. Patricia L. Hirtzer, Junior File Clerk	H	1 812
Total, Military		$ 18 036

NAVAL SCIENCE

1. Mrs. Rose V. Else, Senior Clerk-Stenographer	H	$ 2 310
Total, Naval Science		$ 2 310

INSTITUTE OF AVIATION

1. F. L. Lancaster, Aircraft Maintenance Engineer	H	$ 5 340
2. F. B. Schaber, Airport Shop Foreman	H	4 002
3. Vernon Bialeschki, General Airport Mechanic	H	3 720
4. Wayne Mandrell, General Airport Mechanic	H	3 600
5. Preston Dunlap, Senior Aircraft Maintenance Mechanic	H	3 540
6. Floyd Bowerman, Senior Aircraft Maintenance Mechanic	H	3 540
7. J. T. Pringle, Senior Aircraft Maintenance Mechanic	H	3 540
8. M. C. Bates, Senior Laboratory Mechanic	H	3 660
9. W. W. Brooks, Aircraft Instrument Repairman	H	3 480
10. V. H. Pittman, Head Airport Caretaker	H	3 336[2]
11. H. O. Beane, Junior Aircraft Maintenance Mechanic	H	3 300
12. R. E. Anderson, Junior Aircraft Maintenance Mechanic	H	3 120
13. Philip Milligan, Lineman	H	2 820
14. J. R. Robinson, Lineman	H	2 820
15. J. L. Miller, Lineman	H	2 820
16. C. E. Horn, Lineman	H	2 820
17. Robert DeShazo, Lineman	H	2 718
18. ————, Lineman	H	2 598
19. W. E. Karr, Lineman	H	2 460
20. H. T. Demeris, Lineman	H	2 460
21. Mrs. Gertrude C. Becker, Senior Secretary	H	4 002
22. D. L. Yankey, Storekeeper	H	3 168
23. ————, Junior Operations Clerk	H	2 280
24. Mary Jordan, Senior Clerk-Stenographer	H	2 088
25. Mrs. R. Helen Wikoff, Junior Clerk-Stenographer	H	1 800
26. ————, Junior Clerk-Stenographer	H	1 740
27. H. C. Sires, Stores Clerk	H	.....[1]
Total, Institute of Aviation		$ 80 772

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

[2] With house, valued at $240 a year, furnished for the convenience of the University.

INSTITUTE OF COMMUNICATIONS

1. ————————, Senior Clerk-Stenographer	H	$	2 400
2. ————————, Junior Clerk-Stenographer	H50		900
(See Journalism)	H50		(900)
(Total Salary)			(1 800)
3. ————————, Junior Clerk-Stenographer	H50		1 000
Total, Institute of Communications		$	4 300

Radio Station

1. H. E. Hill, Educational Program Director	H75	$	3 250
(See Journalism)	D25		(900)
(Total Salary)			(4 150)
2. K. L. Cutler, Music Director	H		4 000
3. J. R. Brugger, Chief Radio Engineer	H		4 200
4. P. A. Spradling, Chief Announcer	H50		2 000
(See Journalism)	D50		(1 800)
(Total Salary)			(3 800)
5. ————————, Recording Engineer (From Recording Service Operations)	H		(3 600)
6. Mrs. Edna Haney, Assistant Radio Operator	H		2 700
7. ————————, Assistant Radio Engineer	H		2 400
8. Eva M. Benton, Assistant Radio Engineer	H		2 400
9. R. H. Johnson, Assistant Radio Engineer	H75		2 052
10. ————————, Assistant Radio Engineer	H75		1 800
11. R. L. Price, Assistant Radio Engineer	H50		1 200
12. ————————, Production Director	H		2 400
13. Mrs. Rosemary DePew, Continuity Writer	H		2 364
14. Mrs. Marilyn Fulrath, Radio Programmer Assistant	H		2 520
15. ————————, Radio Programmer Assistant	H		2 500
16. ————————, Radio Programmer Assistant	H		2 220
17. J. M. Crannell, Radio Programmer Assistant	H75		1 800
18. E. E. Matthews, Radio Programmer Assistant	H50		1 050
19. L. J. Mautz, Radio Programmer Assistant	H50		1 050
20. J. A. Regnell, Radio Programmer Assistant	H50		1 050
21. Maurice Balson, Radio Programmer Assistant	H50		1 050
22. R. W. Evans, Radio Programmer Assistant	H50		1 050
23. ————————, Radio Programmer Assistant	H50		1 050
24. Mrs. Angeline V. Wilson, Secretary	H50		1 380
(See Public Information)	H50		(1 380)
(Total Salary)			(2 760)
25. ————————, Assistant Clerk-Typist	H		1 800
26. Mrs. Ruth Sluser, Assistant Clerk-Typist	H50		900
27. ————————, Producer	H50		1 200
Total, Radio Station		$	51 386

INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS

1. Mrs. Barbara Peting, Junior Clerk-Stenographer	H	$	2 031
Total, Institute of Government and Public Affairs		$	2 031

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

1. F. H. Stein, Editorial Writer	H	$	3 600
2. ————————, Secretary	H		2 550
3. Mrs. Urla Golden, Junior Statistician	H		2 340
4. Mrs. Jacqueline Kaldon, Senior Clerk-Stenographer	H		2 280
5. Mrs. Lorraine Hodge, Senior Clerk-Stenographer	H		2 256
6. Mrs. Darlene W. Carroll, Senior Clerk	H		2 160
7. Mrs. Marguerite Keswick, Senior Clerk-Stenographer	H		2 100

8. ————, Junior Clerk-Stenographer	H		1 800
9. Patricia Yonce, Junior Clerk-Typist	H		1 794
10. Mrs. Katherine T. Moller, Junior Clerk-Stenographer	H		1 740
11. M. Gladys Connell, Junior Clerk-Typist	H		1 710
12. Marilyn R. James, Junior Clerk-Typist	H		1 680
13. Marcia E. Grabfelder, Junior Clerk-Stenographer	H		1 620
14. Evelyn N. West, Assistant Clerk-Stenographer	H		1 560
15. Phyllis W. Reynolds, Assistant Clerk-Stenographer	H		1 560
Total, Institute of Labor and Industrial Relations			$ 30 750

SMALL HOMES COUNCIL

1. R. P. Simon, Architectural Designer	H	$	4 920
2. G. C. Rettberg, Senior Architectural Draftsman	H		4 200
3. W. S. Pusey, Commercial Artist	H		4 200
4. Mrs. Dorothy E. Wilkins, Secretary	H		2 730
5. Elsa L. Singbusch, Senior Clerk-Stenographer	H		2 070
6. Mrs. Mary L. Drake, Senior Clerk-Stenographer	H		1 950
7. Mrs. Barbara D. McClughen, Junior Clerk-Stenographer	H		1 800
8. Mrs. Amy L. Anderson, Junior Clerk-Typist	H		1 620
Total, Small Homes Council		$	23 490

Small Homes Council Publication Revolving Account

(Entire budget from receipts)

1. Barbara Wright, Senior Clerk	H	$	2 220
Total, Small Homes Council Publication Revolving Account		$	2 220

SOCIAL WELFARE ADMINISTRATION

1. Vivian M. Zetz, Junior Clerk-Stenographer	H50	$	900
Total, Social Welfare Administration		$	900

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

1. Mary L. Campbell, Junior Clerk-Stenographer	H	$	2 001
2. Diane Stone, Junior Clerk-Typist	H		2 073
3. Mrs. Alice Long, Junior Clerk-Typist	H		1 914
4. Mrs. Elizabeth A. Brien, Junior Clerk-Stenographer	H		1 890
5. Mrs. Margie L. Mancuso, Junior Clerk-Stenographer	H		1 842
6. Mrs. Ruth L. Hagenback, Junior Clerk-Stenographer	H		1 830
7. E. Arlene Clark, Junior Clerk-Stenographer	H		1 812
8. Mrs. JoAnn Ritter, Junior Clerk-Typist	H		1 752
9. Mrs. Lorraine Modesitt, Junior Clerk-Typist	H		1 722
10. Mrs. Constance Coxhead, Junior Clerk-Typist	H		1 620
11. J. H. Lentz, Junior Laboratory Attendant	H50		1 377
Total, Division of Special Services for War Veterans		$	19 833

Nursery School

1. Earldean Simmons, Junior Clerk-Stenographer	H	$	1 740
Total, Nursery School		$	1 740

LIBRARY

Administration

1. C. K. Gifford, Storekeeper	H	$	3 300
2. Mrs. Clarabelle Gunning, Senior Clerk-Stenographer	H		2 700

3. Mrs. Norma L. Tassler, Senior Clerk-Stenographer	H		2 100
4. Carl Rohl, Messenger	H		2 760
5. Mrs. Jean P. Woodworth, Assistant Clerk	H		1 650
Total, Administration			$ 12 510

Technical

ACQUISITIONS

PURCHASE DIVISION

1. Mrs. Evelyn S. Stanner, Chief Clerk	H	$	2 700
2. Mrs. Irene Phillippe, Senior Account Clerk	H		2 304
3. Mrs. Edith R. Castor, Junior Record Clerk	H		2 028
4. Mrs. Imogene Reese, Junior Account Clerk	H		2 004
5. Mrs. Ruth Frank, Junior Record Clerk	H		1 770
6. Mrs. Esther H. Harthun, Junior Clerk-Typist	H		1 770
7. ————, Junior Record Clerk	H		1 680
8. Sylvia D. Shrogin, Junior Clerk-Stenographer	H		1 620

SPECIAL COLLECTIONS DIVISION

9. Mrs. Ellen Smith, Senior Record Clerk	H		2 220
10. Mrs. Mabel A. Robinson, Junior Record Clerk	H		1 770
11. Mrs. Marian M. Morgan, Junior Record Clerk	H		1 680

GIFT AND EXCHANGE DIVISION

12. Mrs. Marguerite Lawrence, Senior Clerk-Stenographer	H		2 184
13. Mrs. Mae E. Beshers, Junior Record Clerk	H		1 956
14. ————, Junior Record Clerk	H		1 680
15. Mrs. Mary J. Vandello, Junior Record Clerk	H		1 680

PERIODICAL DIVISION

16. Margaret E. Lyons, Senior Clerk-Stenographer	H		2 208
17. Mrs. Winifred L. Meece, Junior Record Clerk	H		1 920
Total, Acquisitions			(33 174)

BINDING

18. Mrs. Ethel G. Richbark, Senior Record Clerk	H		2 400
19. Joyce L. Miller, Junior Record Clerk	H		1 920
20. Georgia L. VanBuskirk, Junior Record Clerk	H		1 830
21. Mrs. Virginia B. Fisher, Junior Record Clerk	H		1 710
Total, Binding			(7 860)

CATALOG

22. Audrey M. Sexton, Chief Clerk	H		2 940
23. Mildred M. Luther, Junior Record Clerk	H		2 100
24. Ruth Maxine Batman, Junior Record Clerk	H75		1 524
25. ————, Junior Record Clerk	H		1 980
26. Mrs. Harriet L. Mason, Junior Record Clerk	H		1 950
27. Mrs. Jacqueline Burns, Junior Record Clerk	H50		960
28. Mrs. Dorothy J. Mosher, Junior Record Clerk	H		1 800
29. Mrs. Betty Anne Wilson, Junior Record Clerk	H		1 800
30. Mrs. Phyllis B. Rest, Junior Record Clerk	H		1 800
31. Mrs. Barbara E. Bang, Junior Record Clerk	H		1 680
32. Mrs. Ida Jane Heyer, Junior Record Clerk	H		1 710
33. ————, Junior Record Clerk	H		1 680
34. ————, Junior Record Clerk	H		1 650
35. ————, Junior Record Clerk	H		1 560

CARD DIVISION

36. Eula Clanton, Junior Clerk-Typist	H		2 100
37. Mrs. Hilda P. Crist, Junior Clerk-Typist	H		1 980
38. Patricia A. Stenvick, Junior Clerk-Typist	H50		900
39. Barbara L. Busch, Junior Record Clerk	H		1 680
40. Mrs. Allyne H. Baird, Junior Clerk-Typist	H		1 680
41. Mrs. Sophie A. Meyer, Junior Clerk-Typist	H		1 830
42. Mrs. Sally E. Cotovsky, Junior Clerk-Typist	H		1 680
43. Mrs. Joan V. Carter, Junior Clerk-Typist	H		1 650
Total, Catalog			(38 634)

PHOTOGRAPHIC REPRODUCTION LABORATORY

44. Maurice E. Goldstein, Assistant Photographer	H50		1 200
45. Mrs. Edna M. Campbell, Assistant Photographer	H		2 400
Total, Photographic Reproduction Laboratory			(3 600)
Total, Technical Departments			$ 83 268

Public Service

CIRCULATION

1. Helen D. Small, Senior Clerk-Stenographer	H	$	2 214
2. Mrs. Helen C. Judy, Junior Record Clerk	H50		1 050
3. Elizabeth Retzer, Junior Record Clerk	H		2 082
4. Louise Stull, Junior Record Clerk	H		1 950
5. Doris E. Davenport, Junior Record Clerk	H		1 800
6. ————, Junior Record Clerk	H		1 800
7. Joan O. Webster, Junior Record Clerk	H		1 770
8. ————, Junior Record Clerk	H		1 770
9. Mrs. Ellen M. Hough, Junior Clerk-Typist	H		1 740
10. Mrs. Carleen B. Icenogle, Junior Record Clerk	H		1 710
11. Mrs. Doris T. Horn, Junior Record Clerk	H		1 680
12. Mrs. Mary Lou Jeanmaire, Junior Record Clerk	H		1 680
13. Mrs. Virginia H. Beach, Junior Record Clerk	H75		1 260
14. ————, Junior Record Clerk	H50		786
Total, Circulation			(23 292)

DEPARTMENTAL LIBRARIES

15. ————, Senior Record Clerk, Physics Library	H		2 520
16. Mrs. Patricia G. Jeffries, Junior Record Clerk, Natural History Library	H		2 004
17. Norma Jean Andrews, Junior Record Clerk, Engineering Library	H		1 920
18. Mrs. Mary G. White, Junior Record Clerk, Architecture Library	H		1 800
19. Mrs. Bertha M. Coddington, Junior Record Clerk, Commerce Library	H		1 800
20. Mrs. Rosemary J. Idleman, Junior Record Clerk, Newspaper Room	H		1 800
21. Mrs. Fern E. Gipe, Junior Record Clerk, University High School Library	H		1 800
22. Mrs. Eileen H. Spinner, Junior Record Clerk, Law Library	H		1 770
23. Mrs. Jean H. Wilcox, Junior Record Clerk, Education Library	H		1 740
24. Mrs. Patricia H. Stephenson, Junior Record Clerk, Natural History Library	H		1 740
25. Mrs. Helen H. Wasson, Junior Record Clerk, Engineering Library	H		1 680
26. ————, Junior Record Clerk, Physical Education Library	H		1 680
27. Mrs. Louise Poust, Junior Record Clerk, Engineering Library	H		1 560
28. Marjorie A. Clarke, Junior Record Clerk, Journalism Library	H50		984
29. Harold F. Neubauer, Junior Record Clerk, Journalism Library	H50		912
30. Mrs. Helen F. Duffield, Junior Record Clerk, Music Library	H50		840
31. Miriam E. Mueller, Junior Record Clerk, Commerce Library	H50		840
Total, Departmental Libraries			(27 390)
Total, Public Service Departments			$ 50 682

PHYSICAL PLANT DEPARTMENT

Administration

DIRECTOR'S OFFICE

1. C. W. Janke, Assistant to Director	H		$ 7 002
2. Eileen Puckett, Secretary	H		2 700
3. Thelma Graf, Senior File Clerk	H		2 430
4. Sybil K. Nagle, Senior Clerk-Stenographer			.....[1]
5. Mrs. Martha F. Baldwin, Junior Clerk-Stenographer	H		2 100
6. Millicent Patterson, Junior Clerk-Typist	H		1 920
7. ————, Junior Clerk-Stenographer	H		1 920
8. Mrs. June Lee, Junior File Clerk	H		1 740

OPERATION AND MAINTENANCE DIVISION

9. L. G. Hernecheck, Assistant to Superintendent of Buildings and Grounds	H		6 360
10. O. G. Myers, Supervising Accountant	H		4 620
11. Helen Tobias, Chief Clerk	H		3 780
12. L. A. Sticher, Junior Accountant	H		3 600
13. H. H. Nees, Junior Accountant (From Physical Plant Labor)	H	50	(1 800)
14. ————, Construction Accountant (From Physical Plant Labor)	H		(3 000)
15. Mary Brennan, Chief Clerk	H		2 700
16. Edith McBride, Senior Payroll Clerk	H		2 700
17. Mrs. Beverly Brownfield, Senior File Clerk	H		2 430
18. ————, Senior Clerk-Stenographer	H		2 400
19. Garnet B. Renaker, Senior Clerk-Typist			.....[1]
20. Agnes Burke, Junior Account Clerk	H		2 250
21. Mary A. Kane, Junior Account Clerk	H		2 250
22. Glenn Stevens, Junior Office Appliance Operator	H		2 160
23. Mrs. Jane Peterson, Junior Clerk-Stenographer	H		2 100
24. Mrs. Claire Cooper, Junior Clerk-Stenographer	H		2 040
25. Mrs. Minnie Haines, Junior Clerk-Stenographer	H		2 040
26. Peggy J. Harper, Junior Office Appliance Operator	H		1 896
27. Mrs. Sybil Smith, Junior Office Appliance Operator	H		1 896
28. Charlotte Partenheimer, Junior Clerk-Typist	H		1 890
29. J. W. Gordon, Inventory Clerk	H		(1 800)[2]
30. Mary T. Schumacher, Junior File Clerk	H		1 740
31. ————, Material Expediter	H		(4 200)[3]
32. M. W. Genung, Stores Supervisor	H		(3 768)[3]
33. M. W. Dillman, Storekeeper	H		(3 366)[3]
34. Francis Helbling, Storekeeper	H		(3 366)[3]
35. W. E. Hanson, Storekeeper	H		(3 366)[3]
36. Howard Rush, Storekeeper	H		(3 366)[3]
37. Ralph Brannon, Storekeeper	H		(2 880)[3]
38. R. F. Flick, Stores Clerk	H		(2 940)[3]
Total, Administration			$ 68 664

Building Operation

1. R. S. Chamberlin, Superintendent of Operations	H	33	$ 2 304
(See Grounds)	H	67	(4 608)
(Total Salary)			(6 912)
2. G. E. VonBrandt, Assistant to Superintendent of Operations	H		4 800
3. S. E. Griffith, Custodial Supervisor	H		(4 266)[2]
4. Carl Riggins, Custodial Supervisor	H		(4 266)[2]
5. J. W. Sinnott, Janitor Foreman	H		(4 062)[2]

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.
[2] Paid from Physical Plant Labor.
[3] Paid from Physical Plant Stores.

6. W. B. Norton, Janitor Foreman	H		(4 062)[1]
7. H. E. Ditter, Janitor Foreman	H		(4 062)[1]
8. T. E. Williams, Janitor Foreman	H		(4 062)[1]
9. R. F. Sullivan, Janitor Foreman	H		(4 062)[1]
10. L. V. Bickers, Janitor Foreman	H		(4 062)[1]
11. Herschel Flesher, Janitor Foreman	H		(4 062)[1]
12. H. W. Wozencraft, Janitor Foreman	H		(4 062)[1]
13. W. B. McIntyre, Janitor Foreman	H		(4 062)[1]
14. P. W. Cruikshank, Public Functions Supervisor	H		3 690
15. Herman Pflugmacher, Janitor Subforeman	H		(3 189)[1]
16. Avon Watson, Janitor Subforeman	H		(3 189)[1]
17. D. P. O'Donnell, Janitor Subforeman	H		(3 189)[1]
Total, Building Operation			$ 10 794

Fire Prevention and Safety

1. H. L. White, Superintendent of Sanitation and Safety	H67	$	4 240
(See Water Station)	H33		(2 120)
(Total Salary)			(6 360)
2. F. W. Stateler, Fire Chief	H		(3 600)[1]
3. P. D. Lytle, Assistant Fire Chief	H		(3 378)[1]
4. W. E. Day, Fire Captain	H		(3 222)[1]
5. J. A. Sowers, First Lieutenant	H		(3 174)[1]
6. H. R. McGahey, Second Lieutenant	H		(3 150)[1]
7. W. D. Brash, Second Lieutenant	H		(3 150)[1]
Total, Fire Prevention and Safety		$	4 240

Police and Watchmen

1. ————————, Supervisor of Security and Traffic	H	$	4 200
2. William Parsons, Captain	H		(3 378)[1]
3. Edward Casteel, First Lieutenant	H		(3 222)[1]
4. William Irvine, Second Lieutenant	H		(3 174)[1]
5. Glenn Thompson, Sergeant	H		(3 150)[1]
6. Myron Stipp, Sergeant	H		(3 150)[1]
7. Richard Laymon, Sergeant	H		(3 150)[1]
Total, Police and Watchmen		$	4 200

Building Maintenance

1. E. L. Kemp, Superintendent of Building Maintenance	H	$	7 428
2. W. C. Root, Structural Engineer	H		6 600
3. E. R. Berbaum, Building Inspector	H		3 888
Total, Building Maintenance		$	17 916

General Maintenance

1. W. C. Surbaugh, Mason Foreman	H	$	(6 528)[1]
2. W. O. Martin, Supervisor of Building Craftsmen	H		(6 414)[1]
3. R. O. Johnson, Carpenter Foreman	H		(6 414)[1]
4. Harry Prestin, Carpenter Mill Foreman	H		(6 414)[1]
5. H. G. Canaday, Sheetmetal Foreman	H		(5 799)[1]
6. G. L. Johnson, Painter Foreman	H		(5 457)[1]
7. Burl McMahel, Painter Foreman	H		(5 457)[1]
8. N. W. Nester, Civil Engineer	H		(5 400)[1]
9. ————————, Specifications Writer	H		(5 400)[1]
10. W. E. Huston, Carpenter Subforeman	H		(5 274)[1]
11. C. C. Andrew, Senior Architectural Draftsman	H		(5 172)[1]
12. J. E. Ryan, Machinist Foreman	H		(5 103)[1]
13. C. M. Walker, Estimator	H		(4 908)[1]
14. L. E. Douglass, Project Engineer	H		(4 908)[1]

[1] Paid from Physical Plant Labor.

15. ————————, Senior Engineering Draftsman	H		(4 800)[1]
16. ————————, Project Engineer	H		(4 800)[1]
17. ————————, Project Engineer	H		(4 800)[1]
18. W. E. Lindsay, Sheetmetal Subforeman	H		(4 554)[1]
19. F. B. Smith, Construction Labor Foreman	H		(4 503)[1]
20. C. E. Miller, Construction Foreman			.....[2]
21. ————————, Machinist Subforeman	H		(4 203)[1]
22. Harold Ducey, Construction Labor Subforeman	H		(3 705)[1]
23. W. F. Moore, Carpenter Subforeman			.....[2]
24. Rodney Wilson, Junior Engineering Draftsman	H		(3 300)[1]
25. H. I. Haugaard, Routing Supervisor	H		3 228
26. Earl McMillan, Junior Engineering Draftsman	H		(3 066)[1]
27. Mrs. Cora L. James, Routing Dispatcher	H		3 012
28. ————————, Junior Clerk-Stenographer	H		2 064
29. Marilena A. Monical, Junior Clerk-Stenographer	H		1 770
30. ————————, Junior Clerk-Stenographer	H		1 740
31. ————————, Junior Clerk-Stenographer	H		1 740
Total, General Maintenance		$	13 554

Grounds

1. R. S. Chamberlin, Superintendent of Operations	H67	$	4 608
(See Building Operation)	H33		(2 304)
(Total Salary)			(6 912)
2. R. L. Zander, Operations Engineer	H50		2 508
(See Trucks and Cars)	H50		(2 508)
(Total Salary)			(5 016)
3. ————————, Project Engineer	H		(4 500)[1]
4. Roy Brown, Foreman	H		(4 212)[1]
5. E. C. Schmidt, Subforeman	H		(3 351)[1]
6. H. F. Young, Subforeman			.....[2]
Total, Grounds		$	7 116

Trucks and Cars

1. R. L. Zander, Operations Engineer	H50	$	2 508
(See Grounds)	H50		(2 508)
(Total Salary)			(5 016)
2. E. L. Wiese, Garage Foreman	H		(5 160)[1]
3. C. T. Shipman, Auto Foreman	H		(4 605)[1]
4. Carl Lewis, Subforeman	H		(4 569)[1]
5. Roy Long, Subforeman	H		(3 615)[1]
Total, Trucks and Cars		$	2 508

Heat, Light, and Power

1. G. V. Carlson, Superintendent of Utilities	H	$	7 560
2. W. W. Hinshaw, Electrical Engineer	H		(6 900)[1]
3. K. W. Smith, Mechanical Engineer	H		(6 720)[1]
4. C. S. Swearingen, Plumber Foreman	H		(6 483)[1]
5. Charles Raney, Steamfitter Foreman	H		(6 483)[1]
6. C. D. Crays, Electrician Foreman	H		(6 345)[1]
7. Glenn Eastman, Electrician Foreman	H		(6 345)[1]
8. Clyde Lewis, Electrician Foreman	H		(6 345)[1]
9. W. V. Jackson, Electrician Foreman	H		(6 345)[1]
10. Charles Harper, Electrical Foreman	H		(6 345)[1]
11. C. E. Neilson, Mechanical Engineer	H		(5 100)[1]
12. T. A. Bradbury, Power Plant Mechanical Engineer	H		5 604
13. E. W. Kortkamp, Plumber Subforeman	H		(5 355)[1]

[1] Paid from Physical Plant Labor.
[2] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

14. ————————, Electrician Subforeman	H		(5 220)[1]
15. ————————, Electrician Subforeman	H		(5 220)[1]
16. Bert Anderson, Junior Electrical Engineer	H		(4 800)[1]
17. ————————, Instrument and Efficiency Engineer	H		4 800
18. ————————, Junior Mechanical Engineer	H		(4 800)[1]
19. ————————, Junior Electrical Engineer	H		(4 800)[1]
20. ————————, Steam Distribution Foreman	H		(4 638)[1]
21. J. J. Caldwell, Steam Distribution Subforeman	H		(3 816)[1]
22. M. G. Robertson, Senior Operations Clerk	H		3 480
23. Lowell Dillman, Junior Operations Clerk	H		2 160
Total, Heat, Light, and Power		$	23 604

Water Station

1. H. L. White, Superintendent of Sanitation and Safety	H33	$	2 120
(See Fire Prevention and Safety)	H67		(4 240)
(Total Salary)			(6 360)
2. V. H. Jennings, Foreman	H		(4 515)[1]
3. T. R. Stayton, Subforeman	H		(3 546)[1]
4. Mrs. Yvonne O'Brien, Junior Clerk-Stenographer	H		2 040
Total, Water Station		$	4 160

Architectural Division

(Entire budget from charges to departments or capital appropriations)

1. A. S. Davis, Associate Architect	H	$	(6 900)
2. W. H. Stermer, Associate Architect	H		(6 048)
3. A. E. Bach, Specifications Writer	H		(5 262)
4. K. D. Jennings, Senior Architectural Draftsman	H		(5 136)
5. J. A. Curtis, Senior Architectural Draftsman	H		(5 136)
6. J. O. Cederberg, Senior Architectural Draftsman	H		(5 136)
7. R. B. Jacobsen, Senior Architectural Draftsman	H		(5 040)
8. T. H. Nielsen, Senior Architectural Draftsman	H		(5 040)
9. S. A. Dahlstrom, Senior Architectural Draftsman	H		(5 040)
10. Charles Farina, Senior Architectural Draftsman	H		(4 680)
11. F. A. Parks, Architectural Superintendent	H		(4 656)
12. E. B. Larson, Architectural Superintendent	H		(4 656)
13. R. C. Olson, Construction Accountant	H		(4 200)
(Under Supervision of Auditing Division)			
14. J. G. Bloomfield, Construction Accountant	H		(3 600)
(Under Supervision of Auditing Division)			
15. Geneva Fleming, Senior Architectural Draftsman	H		(3 600)
16. E. S. Sefcik, Senior Accountant	H		(3 600)
17. H. C. Barcus, Junior Architectural Draftsman	H		(3 300)
18. L. W. Bransford, Junior Architectural Draftsman	H		(3 096)
19. C. T. Jackson, Junior Architectural Draftsman	H		(3 096)
20. H. H. Varley, Junior Architectural Draftsman	H		(2 970)
21. R. E. Unsin, Junior Architectural Draftsman	H		(2 970)
22. J. G. Schelter, Junior Architectural Draftsman	H		(2 970)
23. R. L. Tavis, Junior Architectural Draftsman	H		(2 832)
24. E. A. Cook, Junior Architectural Draftsman	H		(2 760)
25. Mrs. Mary Martha Brumleve, Junior Account Clerk	H		(2 160)
26. Hilda Partenheimer, Senior Clerk-Stenographer	H		(2 220)
27. ————————, Junior Clerk-Stenographer	H		(2 010)
28. Annabel Royse, Junior Clerk-Stenographer	H		(1 896)
29. Marjorie E. Toppe, Junior Clerk-Stenographer	H		(1 560)
30. ————————, Junior Record Clerk	H		(1 740)
31. Mrs. Joan B. Blair, Junior Clerk-Typist	H		(1 620)
Total, Architectural Division		$	(114 930)

[1] Paid from Physical Plant Labor.

Photographic Laboratory

(Entire budget from charges to departments)

1.	R. R. Hamm, Manager of Blueprinting and Photographic Laboratory	H	$ (4 800)
2.	R. R. Harmeson, Assistant Photographer	H	(3 180)
3.	K. D. Lester, Assistant Photographer	H	(3 120)
4.	Albert Scatterday, Photographic Technician	H	(2 700)
5.	Harry Fisher, Photographic Technician	H	(2 400)
6.	Charles Carrington, Photographic Technician	H	(2 340)
7.	Gilbert Rechkemmer, Photographic Technician	H	(2 160)
8.	Rovenia Fitz-Gerald, Junior Clerk-Typist	H	(1 980)
	Total, Photographic Laboratory		$(22 680)

AUXILIARY ENTERPRISES

Illini Union

General Building

1.	O. E. Unger, Assistant Director	H	$ 5 502
2.	A. E. Sawyer, Chief Building Operating Engineer	H	4 896
3.	F. W. Brown, Janitor Foreman	H	(4 091)
4.	E. F. Finder, Senior Accountant	H	4 080
5.	C. E. Wertz, Assistant to Director	H	3 516[1]
6.	Mrs. Alice S. Hurt, Assistant to Director	H	3 480[2]
7.	K. M. Clark, Junior Accountant	H	3 420
8.	W. G. Winn, Supervisor of Information	H	2 970
9.	Juliette Coderre, Assistant to Social Director	H	2 820
10.	Lauralynn Parkerson, Assistant to Social Director	H	2 820
11.	Eugene Ice, Assistant to Social Director	H50	1 320
12.	Frances J. Lierman, Senior Account Clerk	H	2 490
13.	Mrs. Mary P. Sefcik, Junior Account Clerk	H	2 280
14.	Doris Crittenden, Senior Clerk	H	2 250
15.	Mrs. Mary Jane Riley, Senior Clerk-Stenographer	H	2 190
16.	Robert McNabb, Main Desk Attendant	H	2 190
17.	Paul Nordholm, Main Desk Attendant	H	2 130
18.	Robert Bachert, Main Desk Attendant	H	2 040
19.	Mary M. Crawford, Junior Account Clerk	H	2 040
20.	Martha Guy, Junior Clerk-Stenographer	H	1 962
21.	Mrs. Mary K. Pullen, Junior Clerk	H	1 950
22.	Mrs. Jean B. Dehm, Junior Clerk-Stenographer	H	1 950
23.	Mrs. Juanita Thomas, Junior Payroll Clerk	H	1 926
24.	Mrs. Alice Mills, Junior Clerk-Stenographer	H	1 830
25.	Mrs. Shirley McNamara, Junior Clerk-Typist	H	1 590
26.	Mrs. Laura K. Utter, Assistant Account Clerk	H	1 830
27.	Mrs. Jessie L. Creamer, Assistant Clerk-Stenographer	H	1 800
	Total, General Building		$ 67 272

Food Service

1.	Martha Irwin, Food Service Manager	H	$ 5 340[2]
2.	Mrs. Frances Ruppel, Food Production Manager	H	3 816[2]
3.	Mary McQuaid, Food Production Manager	H	780[2]
	(See University Club)		(2 340)
	(Total Salary)		(3 120)
4.	Doris Green, Assistant Food Production Manager	H	3 480[2]
5.	Malvina Smith, Assistant Food Production Manager	H	3 240[2]
6.	Mary B. Hugelman, Assistant Food Production Manager	H	2 760[2]
7.	Mrs. Naomi Bowen, Assistant Food Production Manager	H	2 580[2]
8.	Dorothea Barth, Dining Room Supervisor	H	3 000[2]

[1] With one meal a day while on duty, valued at $84 a year, for the convenience of the employee.

[2] With two meals a day while on duty, valued at $168 a year, furnished for the convenience of the employee.

9. Nellie Huffine, Dining Room Supervisor	H	2 790[1]
10. Mrs. Nadyne Twitchell, Dining Room Supervisor	H	2 700[1]
11. Andrew Sands, Stores Clerk	H	2 826[1]
12. Wanda Smith, Stores Clerk	H	2 436
13. Mrs. Winifred Bauman, Junior Clerk-Stenographer	H	2 160
14. R. F. Hott, Senior Purchasing Agent	H33	1 440
(See Business Office)		
Total, Food Service		$ 39 348

Bookstore

1. K. L. Rhodes, Bookstore Manager	H	$ 5 100
2. O. A. Keating, Storekeeper	H	3 402
3. H. E. Culbertson, Stores Clerk	H	2 712
4. Mrs. E. Louise Oler, Junior Account Clerk	H	2 100
5. Florene Johnson, Junior Record Clerk	H	1 932
6. ————, Junior Clerk-Stenographer	H	1 782
7. Mrs. Lila P. Burgess, Assistant Clerk	H	1 560
8. ————, Assistant Clerk	H	1 560
9. ————, Assistant Clerk	H	1 560
Total, Bookstore		$ 21 708

Coffee House

1. Donna Runser, Food Service Manager	H	$ 4 500[1]
2. ————, Food Production Manager	H	3 900[1]
3. Mrs. Evelyn Whitson, Assistant Food Production Manager	H	3 180[1]
4. ————, Assistant Food Production Manager	H	2 700[1]
5. Mrs. Elsa Mathis, Assistant Food Production Manager	G75[2]	1 350[1]
6. ————, Dining Room Supervisor	G[2]	1 350[1]
7. Mrs. Rosita Carozza, Junior Clerk-Stenographer	H	1 950[1]
8. Doris Birr, Junior Clerk	G[2]	1 440[1]
9. Mrs. Annis S. Donaldson, Junior Account Clerk	G[2]	1 328[1]
10. Verdene Twomey, Food Service Cashier	G[2]	1 350[1]
Total, Coffee House		$ 23 048

Bowling Alleys

1. Bert Lippincott, Bowling Alley Manager	H67	$ 1 668
(See Billiards)	H33	(834)
(Total Salary)		(2 502)
2. F. P. Broad, Bowling and Billiard Attendant	H33	642
(See Billiards)	H67	(1 284)
(Total Salary)		(1 936)
3. Grant Wheatley, Bowling and Billiard Attendant	H	1 800
Total, Bowling Alleys		$ 4 110

Billiards

1. Bert Lippincott, Bowling Alley Manager	H33	$ 834
(See Bowling Alleys)	H67	(1 668)
(Total Salary)		(2 502)
2. F. P. Broad, Bowling and Billiard Attendant	H67	$ 1 284
(See Bowling Alleys)	H33	(642)
(Total Salary)		(1 926)
Total, Billiards		$ 2 118

University Club

1. Mary McQuaid, Food Production Manager		$ 2 340[1]
(See Food Service)		(780)
(Total Salary)		(3 120)
Total, University Club		$ 2 340

[1] With two meals a day while on duty, valued at $168 a year, furnished for the convenience of the employee.
[2] Nine months only.

Telephone System Operations

(Entire budget from charges to departments)

1.	Mrs. Kathleen Hulet, Chief Operator (From Telephone System Operation)	H	$ (2 465)
2.	Mrs. Shirley A. Hileman, Junior Account Clerk, (From Telephone System Operation)	H	(1 920)
	Total, Telephone System		$ (4 385)

Housing Division

Administration

1.	V. C. Norman, Assistant Director of Housing	H	$ 5 700
2.	P. W. Isbell, Assistant to Director of Housing	H	4 500
3.	N. D. Boyd, Janitor Foreman	H	4 069[1]
4.	K. L. Thurston, Junior Accountant	H92	3 240
	(See Housing Division)	H8	3 240
	(Total Salary)		(3 522)
5.	Elizabeth J. Callaway, Senior Clerk-Stenographer	H40	989
	(See Housing Division)	H60	(1 483)
	(Total Salary)		(2 472)
6.	Mrs. Ann Allen, Junior Account Clerk	H	2 400
7.	D. J. Alberts, Inventory Clerk	H	2 250
8.	Rachel Martin, Junior Account Clerk	H	2 250
9.	Juanita Clark, Junior Account Clerk	H	2 190
10.	S. K. Brownfield, Inventory Clerk	H	2 106
11.	Mrs. Marilyn Crawford, Junior Clerk-Stenographer	H	1 950
12.	Mrs. Dolly K. Bollero, Junior Clerk-Stenographer	H	1 950
13.	————, Junior Account Clerk	H	1 920
14.	Mrs. Barbara Grandy, Junior Account Clerk	H	1 830
15.	Mrs. Eleanor J. Nichols, Junior Account Clerk	H	1 620
16.	Mrs. Jean Morrison, Junior Clerk-Stenographer	H	1 740
17.	R. E. White, Assistant to Manager of Residence Halls	H	(2 202)[2,3]
18.	Mrs. Nelle Bireline, Assistant to Manager of Residence Halls	H	(1 944)[2,3]
19.	Mrs. Florence Hazzard, Food Service Manager	H	(4 401)[2,4]
20.	H. L. Gott, Building Operating Engineer	H80	(3 030)[2,5]
	(See Housing Division)		
21.	D. N. Reynolds, Assistant Building Operating Engineer	H	(3 174)
22.	L. L. James, Assistant Building Operating Engineer	H	(2 910)
23.	G. O. Lovett, Janitor Foreman	H	(4 069)[1,2]
24.	————, Subforelady	H	(2 400)[1,2]
25.	R. F. Hott, Senior Purchasing Assistant	H28	(1 230)[2]
	(See Business Office)		
26.	————, Junior Clerk-Stenographer	H	(1 500)[2]
	Total, Administration		$ 40 704

Men's Residence Halls

1.	————, Food Production Manager	H	$ 2 700[6]
2.	Mrs. Bernice Loy, Junior Clerk-Stenographer	H	1 740
3.	Mrs. Elizabeth Fetherston, Assistant Clerk	H	1 590
	Total, Men's Residence Halls		$ 6 030

[1] Paid at hourly rather than monthly rate. Budgeted amount is estimated salary based on normal number of working hours a year.

[2] Paid from Undistributed Residence Halls Salaries.

[3] With three meals a day while dining room is open and in operation, valued at $252 a year, and housing valued at $120 a year, furnished for the convenience of the University.

[4] With two meals a day while on duty and dining rooms are open and in operation, valued at $168 a year, furnished for the convenience of the employee.

[5] With one meal a day while on duty and dining rooms are open and in operation, valued at $84 a year, furnished for the convenience of the employee.

[6] With two meals a day while on duty and dining rooms are open and in operation, valued at $168 a year, furnished for the convenience of the University.

Busey and Evans Halls

1. Ruth Ann Nielson, Food Production Manager	H	$	3 120[1]
2. Mrs. P. Jeanne Moe, Dining Room Supervisor	H		2 208[1]
3. Mrs. Carrie Coffman, Assistant Clerk	H		1 824
4. Mrs. Emma Marshky, Assistant Clerk	H		1 752
5. Mrs. Ruth Crain, Assistant Clerk	H		1 680
6. Mrs. Wintress Welles, Assistant Clerk	H		1 680
Total, Busey and Evans Halls		$	12 264

Lincoln Avenue Residence

1. Clare E. Korb, Food Production Manager	H	$	3 621[1]
2. ————, Dining Room Supervisor	H		2 400[1]
3. ————, Switchboard Operator	H		1 820
4. ————, Assistant Clerk	H		1 560
Total, Lincoln Avenue Residence		$	9 401

Gymnasium Annex

1. F. R. Koerber, Junior Clerk	H	$	1 620
Total, Gymnasium Annex		$	1 620

Parade Ground Dormitories

1. H. O. Williams, Janitor Foreman	H	$	4 068[2]
2. H. W. Naleway, Building Operating Engineer	H		3 402
3. Willis Carley, Assistant Building Operating Engineer	H		3 201
4. Robert Beckett, Janitor Subforeman	H		2 696[2]
5. Mark Howell, Mailroom Attendant	H		2 400
6. Mrs. Bettie H. Schrader, Junior Clerk-Stenographer	H		1 710
7. ————, Assistant Clerk-Stenographer	H50		870
Total, Parade Ground Dormitories		$	18 347

Staff Housing

1. E. W. Goldie, Building Operating Engineer	H	$	3 600
Total, Staff Housing		$	3 600

Temporary Family Housing

1. J. D. Barnes, Manager of Temporary Family Housing	H	$	4 002
2. D. S. Hall, Assistant Manager of Temporary Family Housing	H		3 402
3. R. E. Hulet, Assistant Manager of Temporary Family Housing	H		3 402
4. W. D. Moore, Building Operating Engineer	H		3 402
5. R. C. Fonner, Assistant Building Operating Engineer	H		3 000
6. F. W. Good, Assistant Building Operating Engineer	H		2 901
7. D. B. Stayton, Assistant Building Operating Engineer	H		2 900
8. K. E. Maddox, Fire Inspector	H		2 820
9. Mrs. Louis J. Ekstrom, Junior Clerk-Stenographer	H		1 806
10. Mrs. Hazel M. Healy, Junior Clerk-Typist	H		1 770
Total, Temporary Family Housing		$	29 405

McKinley Hospital Operation

1. Mrs. Lois Hoag, Superintendent	H	$	4 920[3]
2. W. T. Coggshall, Laboratory and X-ray Technician	H		4 368[3]
3. C. E. Swinehart, Business Manager	H		4 002
4. Marjorie McKean, Assistant Dietitian	H		2 346[3]
5. Mrs. Oleda Smith, Head Nurse	H		2 682[3]

[1] With two meals a day while on duty and dining rooms are open and in operation, valued at $168 a year, furnished for the convenience of the University.

[2] Paid at hourly rather than monthly rate. Budgeted amount is estimated salary based on normal number of working hours a year.

[3] With two meals a day and laundry of uniforms valued at $168 a year.

6.	Alma Chesnut, Staff Nurse	H	2 310[1]
7.	Mrs. Inez Werts, Staff Nurse	H	2 406[2]
8.	Minnie Berg, Staff Nurse	H	2 310[1]
9.	Mrs. Luba Borleff, Staff Nurse	H	2 406[2]
10.	Mrs. Eva Lavenhagen, Staff Nurse	H	2 406[2]
11.	————————, Staff Nurse	H	2 406[2]
12.	————————, Staff Nurse	H	2 178[2]
13.	————————, Staff Nurse	H	2 406[2]
14.	Mrs. Kathryn C. Arnicar, Staff Nurse	H	2 172[2]
15.	————————, Staff Nurse	H	2 172[2]
16.	Mrs. Mabel N. Ward, Staff Nurse	H	2 178[2]
17.	Mrs. Nola Whalin Crum, Staff Nurse	H	2 178[2]
18.	————————, Staff Nurse	H	2 262[2]
19.	Mary K. Glavin, Staff Nurse	H	2 094[1]
20.	Mrs. Lorraine Reid, Staff Nurse	H	2 178[2]
21.	————————, Staff Nurse	H	2 178[2]
22.	————————, Staff Nurse	H	2 094[1]
23.	Mrs. Helen B. Moore, Assistant Laboratory Technician.. (Paid at hourly rather than monthly rate. Budgeted amount is estimated salary based on normal number of working hours a year.)	H	2 220
24.	Helen Otto, Cook I Grade	H	2 220[3]
25.	Mrs. Lola Jenkins, Cook II Grade	H	1 878[3]
26.	Anna Bussman, Kitchen Helper	H	1 710[3]
27.	Alice Armstrong, Kitchen Helper	H	1 710[3]
28.	Frances Potter, Kitchen Helper	H	1 620[3]
29.	Ellie Stortzum, Kitchen Helper	H	1 608[1]
30.	Mrs. Laura A. Mildenstein, Seamstress	H	1 530[1]
31.	Mrs. Laura E. Smith, Kitchen Helper	H	1 440[3]
32.	————————, Kitchen Helper	H	1 200[3]
	Total, McKinley Hospital Operation		$ 73 788

[1] With room, three meals a day, and laundry of uniforms valued at $336 a year.
[2] With three meals a day and laundry of uniforms valued at $252 a year.
[3] With two meals a day and laundry of uniforms valued at $168 a year.

CHICAGO PROFESSIONAL COLLEGES

ADMINISTRATION AND GENERAL

Vice-President's Office

1. Margaret C. Clancy, Senior Secretary	H	$	4 300
2. Mrs. Violet Correll, Senior Clerk-Typist	H		2 700
Total, Vice-President's Office		$	7 000

Health Service

1. Mrs. Margaret M. Weinzierl, Head Nurse	H	$	3 180
2. Mrs. Grace Wadington, Senior Clerk-Stenographer	H		2 634
3. Mrs. Meryl H. Polensky, Junior Clerk-Stenographer	H		2 346
Total, Health Service		$	8 160

Business Office

1. E. M. Reeves, Assistant Business Manager of the Chicago Colleges and Divisions	H	$	5 940[1]
2. Mildred Date, Secretary	H		3 420
3. Mrs. Fay Shanafelt, Senior Clerk-Typist	H		2 520
ACCOUNTING			
4. G. H. Pontious, Acting Assistant Business Manager of the Chicago Colleges and Divisions	H		6 300
(Paid from Item 1 during leave)			(300)
(Total Salary)			(6 600)
5. H. O. Albers, Division Assistant Chief Accountant	H		5 500
(Paid from Item 1 during leave)			(100)
(Total Salary)			(5 600)
6. Irving Knop, Senior Accountant	H		2 100
(From Veterans Equipment Procurement)			(2 400)
(Total Salary)			(4 500)
7. Donald Salomon, Junior Accountant (From Research Contracts Indirect Costs)	H		(3 060)
8. Mrs. Harriet Lynch, Senior Account Clerk	H		2 940
9. Mrs. Ruth Linkus, Senior Office Appliance Operator	H		2 880
10. Mrs. Grace Soucek, Senior Office Appliance Operator	H		2 880
11. Mrs. Pearl Clark, Senior Account Clerk	H		2 700
12. Lorraine Rudy, Senior Clerk-Stenographer	H		2 580
13. Barbara Kelow, Junior Clerk	H		2 400
14. Mrs. Jane Sweeney, Junior Clerk-Typist	H		2 280
15. ————, Senior Account Clerk	H		2 220
16. ————, Senior Clerk-Typist	H		2 220
17. ————, Junior Clerk-Typist	H		2 220
COLLECTIONS			
18. Harriet Buring, Head Cashier	H		3 480
19. Mrs. Ruby Phillips, Cashier	H		2 580
20. Mrs. Frances Cathcart, Cashier	H		2 400
21. Mrs. Therese S. Strumfield, Cashier	H		2 460
PAYROLLS			
22. Mrs. Genevieve Cameron, Payroll Supervisor	H		3 780
23. Mrs. Florence Menefee, Senior Payroll Clerk	H		3 060
24. Dorothy Cooney, Junior Payroll Clerk	H		2 700
25. Betty Merwin, Junior Payroll Clerk	H40		1 080
(From Division of Services for Crippled Children)	H60		(1 500)
(Total Salary)			(2 580)
PURCHASING			
26. J. F. Knight, Purchasing Agent for Chicago Colleges and Divisions	H		7 000

[1] On leave of absence without pay until January 1, 1950.

27.	R. E. Ohlzen, Assistant Purchasing Agent	H	2 280
	(From Student Supply Store)		(1 680)
	(From Chicago General Stores)		(960)
	(Total Salary)		(4 920)
28.	Ward Walhay, Senior Purchasing Assistant	H	3 180
	(From Chicago General Stores)		(1 200)
	(Total Salary)		(4 380)
29.	Mrs. Ellen Nelson, Inventory Supervisor	H	3 180
30.	E. D. Flanagan, Receiving Clerk	H	3 060
31.	Mary C. Horne, Junior Purchasing Assistant	H	2 940
32.	Mrs. Sally Galvin, Senior Clerk-Stenographer	H	2 880
33.	————, Junior Purchasing Assistant	H	2 700
34.	Mrs. Josephine Dolciamore, Senior Account Clerk	H	2 640
35.	Mrs. Helen Wright, Senior Clerk-Typist	H	2 520
36.	Mrs. Ruth Hoffman, Senior Clerk-Typist	H	2 460
37.	Josephine Rzeszut, Senior Clerk-Typist	H	2 280
38.	Elaine Newton, Junior Clerk-Typist	H	2 220
39.	Mrs. Eva Perkal, Junior Account Clerk	H	2 220
40.	Mrs. Margaret Kidwell, Junior File Clerk	H	2 160
41.	Stephanie D. Lizius, Junior Clerk-Typist	H	2 100
42.	Mary Mammoser, Junior Clerk-Typist	H	2 100
43.	Margery R. Johnson, Junior Clerk-Typist	H	2 100
44.	————, Junior Clerk-Typist	H	1 980
45.	Gertrude Goatley, Junior Clerk-Stenographer		.....[1]
46.	B. F. Dungan, Student Supply Store Manager	H	(4 500)[2]
47.	Richard Walker, Supply Attendant	H	(2 580)[2]
48.	Mrs. Dorida King, Senior Clerk-Typist	H	(2 700)[2]
49.	Bernice Guzel, Junior Clerk-Typist	H	(2 220)[2]
50.	Harry Phillip, Stores Supervisor	H	(3 600)[3]
51.	Mrs. Clara Schildein, Stores Clerk	H	(2 700)[3]
52.	Elvie McClinton, Supply Attendant	H	(2 880)[3]
53.	Ed Czarnick, Supply Attendant	H	(2 820)[3,4]
54.	Joseph Arnold, Supply Attendant	H	(2 400)[3]
55.	Phil Gatto, Supply Attendant	H	(2 400)[3]
TABULATING MACHINES			
56.	Ottie Carter, Tabulating Machines Supervisor	H	(4 200)[5]
57.	————, Assistant Tabulating Machines Supervisor	H	(3 120)[5]
58.	Mrs. Kathryn Flynn, Senior Office Appliance Operator	H	(2 700)[5]
59.	Mrs. Elizabeth DaCosta, Senior Office Appliance Operator	H	(2 700)[5]
60.	Curtney Koopman, Junior Office Appliance Operator	H	(2 520)[5]
	Total, Business Office		$124 640

Office of Admissions and Records

1.	Velma M. Davis, Assistant Examiner and Recorder	H	$ 4 200
2.	Mrs. Ethel Engeljohn, Chief Clerk	H	3 780
3.	Helen Wyle, Senior Clerk-Stenographer	H	3 000
4.	Lucile Nedwick, Senior Clerk-Stenographer	H	2 580
5.	Mrs. Marion Wham, Junior Clerk-Typist	H	2 364
6.	W. H. Rhoades, Men's Locker Room Attendant	H50	1 200
	(See Medicine, Administration)	H50	(1 200)
	(Total Salary)		(2 400)
	Total, Office of Admissions and Records		$ 17 124

Nonacademic Personnel

1.	Mrs. Gertrude Meiers, Personnel Officer	H	$ 4 300
2.	Frank Luck, Personnel Assistant	H	3 400

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.
[2] Paid from Student Supply Store.
[3] Paid from Chicago General Stores.
[4] On leave of absence without pay for 1949-1950.
[5] Paid from Tabulating Machines Operation.

3. Mrs. Donna Hartley, Personnel Assistant	H	2 900
4. Mrs. Betty S. De Furia, Visiting Nurse	H67	1 900
(See Chicago Undergraduate Division)	H33	(950)
(Total Salary)		(2 850)
5. Beverly A. Jones, Senior Clerk-Stenographer	H	2 800
6. Mrs. Laura Hollander, Senior Record Clerk	H	2 400
7. Mrs. Christine A. Jensen, Senior Record Clerk	H	2 460
8. Sara Bock, Secretary	H67	2 151
(From Stenographic Service Operations)	H33	(1 059)
(Total Salary)		(3 210)
STENOGRAPHIC SERVICE (Paid from Stenographic Service Operations)		
9. Mrs. Elizabeth Michel, Junior Office Appliance Operator	H	(2 400)
Total, Nonacademic Personnel		$ 22 311

Student Affairs

1. ————, Junior Clerk-Stenographer	H	$ 2 400
Total, Student Affairs		$ 2 400

Public Information

1. Rita J. Toohey, Senior Clerk-Typist	H	$ 2 700
2. Betty Norberg, Editorial Assistant	H	2 700
Total, Public Information		$ 5 400

COLLEGE OF MEDICINE

Administration

1. Ruth E. McIntosh, Senior Secretary	H	$ 3 900
2. Mrs. Esther Rappaport, Junior Clerk-Stenographer	H	2 400
3. Irene Smotrys, Senior Clerk-Typist	H	2 280
4. W. H. Rhoades, Men's Locker Room Attendant	H50	1 200
(See Office of Admissions and Records)	H50	(1 200)
(Total Salary)		(2 400)
Total, Administration		$ 9 780

Postgraduate

1. Mrs. Helen Berry, Secretary	H	$ 2 700
2. Alice Cizma, Senior Clerk-Stenographer	H	2 880
Total, Postgraduate		$ 5 580

Anatomy

1. G. H. Miller, Senior Medical Technologist	H	$ 3 500
2. R. F. Bouldin, Senior Medical Technologist	H	3 102
3. Eunice Starr, Senior Laboratory Assistant	H	2 700
4. Dorothy I. Duncan, Secretary	H	3 400
Total, Anatomy		$ 12 702

Animal Hospital

1. A. L. Hesse, Supervisor	H	$ 4 440
2. Rose L. Walsh, Secretary	H	2 700
3. G. O. Dodd, Head Animal Caretaker	H	3 480
4. Reva Kemp, Senior Medical Technologist	H	3 000
5. Alma Jean Newman, Junior Laboratory Assistant	H	2 220
6. E. F. Sheehan, Animal Caretaker	H	(2 970)[1]
7. O. L. Waswo, Animal Caretaker	H	(2 850)[1]
8. Charles White, Animal Caretaker	H	(2 784)[1]

[1] Paid from Animal Hospital Revolving.

9. Joseph Tuma, Animal Caretaker	H		(2 544)[1]
10. Charles Kaczmarek, Animal Caretaker	H		(2 520)[1]
11. E. Y. Fisher, Animal Caretaker	H		(2 520)[1]
12. Frank Petras, Animal Caretaker	H		(2 520)[1]
Total, Animal Hospital			$ 15 840

Bacteriology

1. S. G. Moore, Senior Medical Technologist	H	$	3 600
2. Calvin Toliver, Assistant Laboratory Assistant	H		2 200
3. Mrs. Hilda Paulsen, Senior Laboratory Assistant	H		2 800
4. Mrs. Florence Nicolai, Junior Laboratory Assistant	H		2 400
5. Annie Walker, Assistant Laboratory Assistant	H		2 200
6. Mrs. Maxine A. Mason, Secretary	H		3 000
Total, Bacteriology		$	16 200

Biological Chemistry

1. ————, Senior Laboratory Assistant	H	$	2 700
2. Virginia A. Smith, Assistant Laboratory Assistant	H		1 920
3. Clara E. Smith, Assistant Laboratory Assistant	H		1 800
4. Mrs. Muriel I. Weyl, Senior Clerk-Stenographer	H		2 600
5. V. V. Colucci, Junior Laboratory Assistant	H		2 538
Total, Biological Chemistry		$	11 558

Clinical Science

1. Elizabeth L. Faler, Chief Clerk	H	$	3 354
2. Doris Nielsen, Senior Clerk-Stenographer	H		2 709
Total, Clinical Science		$	6 063

Criminology and Legal Medicine

1. ————, Junior Clerk-Stenographer	H	$	2 538
Total, Criminology and Legal Medicine		$	2 538

Dermatology

1. Mrs. Valborg Foss, Senior Medical Technologist	H	$	3 122
2. Yoiko M. Sakaizawa, Secretary	H		2 700
Total, Dermatology		$	5 822

Illustration Studio

1. L. A. Toriello, Clinical Photographer	H	$	4 800
2. Anthony Kuzma, Photographer	H		3 260
3. F. J. Marek, Assistant Photographer	H		2 580
4. Kulla Revis, Senior Clerk-Stenographer	H		2 500
Total, Illustration Studio		$	13 140

Medicine

1. Julia I. Armstrong, Secretary	H	$	3 308
2. Mrs. Barbara Baughman, Senior Laboratory Assistant	H		2 700
3. Marian A. Sloan, Senior Laboratory Assistant	H		2 700
4. Florence Van Buren, Senior Clerk-Stenographer	H		2 986
5. Ann Sarko, Senior Clerk-Stenographer	H		2 678
6. Sylvia Klevans, Junior Clerk-Stenographer	H		2 412
7. Dorothy Sluka, Junior Clerk-Stenographer	H		2 394
Total, Medicine		$	19 178

[1] Paid from Animal Hospital Revolving.

Cooperative Investigations

TRUST — ARMOUR HEMATOLOGY

1. Adella M. Blazaich, Junior Laboratory Assistant	H	$	2 400

G. D. SEARLE & Co. — EVALUATION OF ANTI-ASTHMATIC DRUGS

2. Amy Matsuoka, Junior Clerk-Stenographer	H		2 280

Neurology and Neurological Surgery

1. Roxy Pickering, Chief X-ray Technician	H	$	3 870
2. Mrs. Beatrice K. Meyers, Senior Medical Technologist	H		3 570
3. Lorraine Genovese, Senior Laboratory Assistant	H		2 880
4. Cherie Imai, Junior Laboratory Assistant	H		2 610
5. Constance Spadaro, Secretary	H		3 474
6. Beryl Jones, Senior Clerk-Stenographer	H		2 890
7. Mae K. Hikido, Junior Clerk-Stenographer	H		2 400
Total, Neurology and Neurological Surgery		$	21 694

Cooperative Investigations

UNITED STATES PUBLIC HEALTH SERVICE C-853 AND C-854 — EFFECTS OF BETATRON X-RAY BEAM ON CENTRAL NERVOUS SYSTEM

1. Ramona Marinelli, Junior Laboratory Assistant	H	$	2 520

Obstetrics and Gynecology

1. Esther H. Fiessel, Secretary	H	$	3 300
Total, Obstetrics and Gynecology		$	3 300

Ophthalmology

1. Huldah E. Johnson, Senior Medical Technologist	H	$	3 458
2. Ann P. Smith, Secretary	H		3 000
3. ————, Senior Medical Technologist	H20		600
Total, Ophthalmology		$	7 058

Orthopaedic Surgery

1. Nancy A. McKee, Junior Laboratory Assistant	H	$	2 160
2. Alice C. Bartlett, Junior Laboratory Assistant	H		2 580
3. Mrs. Barbara R. Lucas, Junior Laboratory Assistant	H		2 256
4. Mrs. Natalie Rhoads, Assistant Laboratory Assistant	H		2 196
5. Mrs. Nellie Shea, Assistant Laboratory Assistant	H		2 076
6. Ida H. Stephan, Secretary	H		3 120
7. Bernice Ghinazzi, Junior Clerk-Stenographer	H		2 460
8. ————, Junior Clerk-Stenographer	H		2 160
Total, Orthopaedic Surgery		$	19 008

Otolaryngology

1. Gordon Stowe, Electro-Acoustic Technician	H	$	4 730
2. Mrs. Maria E. Ikenberg, Senior Medical Technologist	H		3 367
3. Eileen Skagen, Junior Medical Technologist	H		2 672
4. Agnes Longan, Junior Laboratory Assistant	H		2 544
5. Alice V. Zablock, Secretary	H		2 992
6. Margaret Wiggins, Senior Clerk-Stenographer	H		2 890
7. Mrs. Catherine Connery, Senior Clerk-Stenographer	H		2 570
8. Mabel L. Arneson, Junior Clerk-Stenographer	H		.....[1]
Total, Otolaryngology		$	21 765

Pathology

1. Corinne Wikblom, Senior Medical Technologist	H	$	3 232
2. Mrs. Audrey M. Klabacha, Senior Medical Technologist	H		3 025

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

3. Mrs. Anna W. Farley, Senior Laboratory Assistant	H	3 052
4. Adolphus Goode, Senior Laboratory Assistant	H	2 897
5. Mike Esposito, Junior Laboratory Assistant	H	2 442
6. Ditha V. MacKenzie, Assistant Laboratory Assistant	H	2 184
7. Mrs. Mildred R. Moore, Secretary	H	3 420
Total, Pathology		$ 20 252

Pediatrics

1. Mrs. Edna L. Schaub, Secretary	H	$ 3 465
Total, Pediatrics		$ 3 465

Pharmacology

1. Polly F. Cline, Secretary	H	$ 3 430
2. A. Dee Diacos, Senior Laboratory Assistant	H	2 718
3. W. C. Trumbower, Junior Medical Technologist	H	2 898
4. N. R. Jackson, Junior Laboratory Assistant	H	2 778
TOXICOLOGY DIVISION		
5. Estelle Landsman, Senior Clerk-Typist	H	2 100
Total, Pharmacology		$ 13 924

Cooperative Investigations

UNITED STATES RENAL PHARMACOLOGY		
1. Estella Mason, Assistant Laboratory Assistant	H	$ 2 049

Physical Medicine and Rehabilitation

1. Rosalie LePak, Secretary	H	$ 3 340
2. Velva L. Hodge, Senior Clerk-Stenographer	H	2 631
Total, Physical Medicine and Rehabilitation		$ 5 971

Physiology

1. Carl Griesmeyer, Instrument Maker	H	$ 3 933
2. Joseph Silva, Senior Medical Technologist	H	3 000
3. Heinz Prill, Senior Laboratory Assistant	H	2 700
4. W. R. Taylor, Senior Medical Technologist	H	3 371
5. John Firek, Junior Laboratory Assistant	H	2 740
6. Doris Lee, Secretary	H	3 423
7. Rose Woodward, Junior Clerk-Stenographer	H	2 600
8. G. H. Luhr, Assistant Laboratory Mechanic	H	2 100
Total, Physiology		$ 23 867

Cooperative Investigations

AMERICAN FOUNDATION FOR HIGH BLOOD PRESSURE		
1. Eugene Henrioulle, Senior Laboratory Assistant	H	$ 2 400
UNITED STATES NAVY RENAL HYPERTENSION		
2. Miguel A. Chaparro, Junior Laboratory Assistant	H	2 400
UNITED STATES PUBLIC HEALTH SERVICE 170-2C		
3. Rubin Juster, Junior Laboratory Assistant	H67	1 200

Preventive Medicine and Public Health

1. Mrs. Georgia E. Hoover, Secretary	H	$ 2 700
Total, Preventive Medicine and Public Health		$ 2 700

Psychiatry

1. Dorothy Large, Supervising Psychiatric Social Worker	H	$ 3 780
2. Solomon Newman, Psychiatric Social Worker	H	3 120
3. Ruth Hurwitz, Senior Medical Technologist	H75	2 411
(From Trust Scottish Rites Masons)	H20	(832)
(From Trust Rockefeller Epilepsy)	H5	(120)
(Total Salary)		(3 363)

4. Esther Samuel, Senior Laboratory Assistant	H	2 982
5. Mrs. Marjorie P. Lowrie, Senior Laboratory Assistant	H	2 700
6. Robert Christian, Junior Laboratory Assistant	H	2 550
7. Genevieve Mack, Junior Laboratory Assistant	H	2 550
8. Lucille Elliott, Assistant Laboratory Assistant	H	2 220
9. Donald Hauk, Junior Laboratory Mechanic	H	2 880
10. Ethel Mathis, Junior Laboratory Assistant	H	2 500
11. Julia Connors, Secretary	H	3 360
12. Elaine Engstrom, Senior Clerk-Stenographer	H	3 000
13. Mrs. Gertrude McAlpine, Senior Clerk-Stenographer	H80	2 184
(From Consultation Clinic for Epilepsy, Division of Rehabilitation)	H20	(480)
(Total Salary)		(2 664)
14. Martha Nieling, Senior Clerk-Stenographer	H	2 706
15. Mrs. Ann Silverman, Senior Clerk-Stenographer	H	2 600
16. Mrs. Juanita Fields, Senior Clerk-Stenographer	H	2 604
17. Lorraine McNeill, Junior Clerk-Stenographer	H	2 412
18. Jane Steele, Junior Clerk-Stenographer	H	2 358
19. Viola Pace, Junior Clerk-Stenographer	H	2 250
20. Mrs. Phyllis Pullman, Junior Clerk-Typist	H	2 160
21. Mary Keating, Senior Clerk-Stenographer	H60	1 531
Total, Psychiatry		$ 54 858

Cooperative Investigations

CONSULTATION CLINIC FOR EPILEPSY, JUNIOR LEAGUE SOCIAL SERVICE FUND

1. Betty Vilas, Medical Social Worker	H	$ 3 866

CW SCHIZ. SHOCK FUNDS

2. Barbara Claypool, Junior Laboratory Assistant	H	2 280
3. Ruth Haber, Junior Laboratory Assistant	H	2 406

MACY FOUNDATION CARBOHYDRATE METABOLISM (Expires July 31, 1949)

4. ————————, Senior Laboratory Assistant	H	2 406
5. Ellen Ridley, Junior Medical Technologist	H	2 406

UNITED STATES PUBLIC HEALTH SERVICE — GERTY 138.2B FUNDS

6. Margaret Baigen, Junior Clerk-Stenographer	H	2 340

Radiology

1. Marie Small, Secretary	H	$ 2 700
2. Martha Cunningham, Junior Clerk-Stenographer		.....[1]

RADIOLOGY BETATRON

3. Fingal Spongberg, Instrument Maker	H	4 200
4. ————————, Assistant Laboratory Mechanic	H	2 400
Total, Radiology		$ 9 300

Cooperative Investigations

UNITED STATES PUBLIC HEALTH SERVICE C-853 AND C-854 — EFFECTS OF BETATRON X-RAY BEAM ON CENTRAL NERVOUS SYSTEM

1. Ernest Rachau, Jr., Junior Laboratory Assistant	H	$ 2 400

Surgery

1. E. T. Hoppe, Senior Medical Technologist	H	$ 3 176
2. Ruth Goetz, Senior Medical Technologist	H	3 060
3. Annabel Wheeler, Secretary	H	3 618
4. Mrs. Helene C. Coleman, Senior Clerk-Stenographer	H	3 012
5. Marilyn Minkus, Junior Clerk-Stenographer	H	2 244
Total, Surgery		$ 15 110

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

Cooperative Investigations

SWIFT AMINO ACIDS

1. Mrs. Mary J. Fritschel, Senior Medical Technologist	H	$	3 000

COLLEGE OF DENTISTRY

Administration

1. Mrs. Edythe A. Heda, Senior Secretary	H	$	3 120[1]
2. Mrs. Margaret M. Lahey, Senior Secretary	H		380
(Paid from Item 1 while on leave)			(3 120)
(Total Salary)			(3 500)
3. Jeannita Glenn, Senior Clerk-Stenographer	H		2 940
4. Daniel Lyons, Supply Attendant	H		2 700
Total, Administration		$	9 140

Postgraduate Studies

1. Bertha Dimont, Secretary	H	$	3 000
2. William Winn, Senior Laboratory Assistant	H		2 700
Total, Postgraduate Studies		$	5 700

Admitting Clinic

1. Carolyn Peterson, Clinic Nurse	H	$	3 540
2. Celia DeTrana, Senior Clerk	H		2 484
3. Frances Esposito, Senior Clerk	H		2 400
4. Marie J. Riccio, Junior File Clerk	H		1 980
Total, Admitting Clinic		$	10 404

Applied Materia Medica and Therapeutics

1. Joseph O'Donnell, Senior Medical Technologist	H	$	3 900
2. Mrs. Geneva B. Anderson, Senior Laboratory Assistant	H		2 940
3. Mrs. Mary P. Drake, Senior Clerk-Stenographer	H		2 736
4. ————, Junior Laboratory Assistant	H		2 400
5. Gwendolyn Currin, Junior Clerk	H		2 256
Total, Applied Materia Medica and Therapeutics		$	14 232

Crowns and Fixed Partial Dentures

1. Margaret F. Coyle, Secretary	H	$	3 000
2. Margaret Zak, Junior Clerk-Stenographer	H		2 640
Total, Crowns and Fixed Partial Dentures		$	5 640

Cooperative Investigations

LLOYD SOMATOPROSTHESIS FUND

1. ————, Junior Laboratory Assistant	H	$	2 340

Dental Clinics

1. Gustav Swanson, Senior Laboratory Mechanic	H	$	3 936
2. Anne Toomey, Storekeeper	H		3 360
3. Mrs. Fannie A. Hagen, Assistant Laboratory Assistant	H		2 400
4. Mrs. Helen K. Larsen, Assistant Laboratory Assistant	H		2 400
5. Mrs. Ora D. Hughes, Assistant Laboratory Assistant	H		2 220
Total, Dental Clinics		$	14 316

Dentistry for Children

1. Mrs. May G. Greenaway, Head Nurse	H	$	3 120
Total, Dentistry for Children		$	3 120

[1] On leave of absence without pay until March 15, 1950.

Full and Removable Partial Dentures

1. Adelaide Talbot, Secretary	H	$ 3 300
2. Adrienne McNair, Senior Laboratory Assistant	H	2 970
3. Anna Carlson, Junior Laboratory Assistant	H	2 580
4. Sylvia Cohen, Junior Clerk-Stenographer	H	2 556
Total, Full and Removable Partial Dentures		$ 11 406

Graduate Pedodontia

1. Barbara Satterthwaite, Junior Laboratory Assistant	H	$ 2 640
2. Helen E. Benson, Senior Clerk-Stenographer	H	2 400
Total, Graduate Pedodontia		$ 5 040

Histology

1. Mrs. Irenne F. Saunders, Secretary	H	$ 3 180
2. Mrs. Helen G. Kutuzov, Senior Laboratory Assistant	H	3 360
3. Harriette Friedman, Junior Laboratory Assistant	H	2 700
4. Mrs. Patricia S. Brannick, Junior Laboratory Assistant	H	2 700
Total, Histology		$ 11 940

Cooperative Investigations

UNITED STATES PUBLIC HEALTH SERVICE

1. Marion Wendzel, Senior Laboratory Assistant	H	2 920
2. Margaret Mills, Junior Laboratory Assistant	H	2 520
3. R. E. Going, Assistant Laboratory Assistant	H	1 800

Medical and Dental History

1. Jean Jagodzinski, Junior Clerk-Stenographer	H	$ 2 700
Total, Medical and Dental History		$ 2 700

Operative Dentistry

1. Alma J. Lucas, Senior Clerk-Stenographer	H	$ 2 880
2. Mrs. Francis S. McGinn, Junior Clerk	H	2 400
Total, Operative Dentistry		$ 5 280

Oral and Maxillofacial Surgery

1. Mrs. Alice C. Machen, Junior Laboratory Assistant	H	$ 2 580
2. ————, Junior Laboratory Assistant	H	2 400
3. Claire Stanton, Senior Clerk-Stenographer	H	2 736
Total, Oral and Maxillofacial Surgery		$ 7 716

Orthodontia

1. Bess H. Faust, Secretary	H	$ 3 780
2. Mrs. Dorothy D. Bjurstrom, Junior Laboratory Assistant	H	2 580
Total, Orthodontia		$ 6 360

Pathology — Division of Oral Pathology

1. Cecelia M. Paurazas, Junior Laboratory Assistant	H	$ 2 592
Total, Pathology — Division of Oral Pathology		$ 2 592

Radiology

1. Mrs. Marguerite M. Donovan, Senior X-ray Technician	H	$ 3 500
2. Kathryn Schreiner, Junior Laboratory Assistant	H	2 460
Total, Radiology		$ 5 960

COLLEGE OF PHARMACY

1.	Eleanor F. Larson, Senior Secretary	H	$ 4 300
2.	Mary M. Scanlan, Chief Clerk	H	3 480
3.	Joan L. Hazlett, Secretary	H	2 700
4.	Mrs. Helene Richards, Senior Clerk-Typist	H	2 460
5.	————, Junior Clerk-Stenographer	H	2 100
6.	Elaine Chepaitis, Junior Clerk-Stenographer	H	2 250
7.	Mrs. Violet Klettka, Junior Clerk-Typist	H50	1 080
8.	H. F. Luethje, Farm Foreman	H	3 120
9.	————, Laboratory Technician	H	2 700
10.	Andrew Burger, Storekeeper	H	3 066
11.	Lee Sawyer, Storekeeper	H	2 520
12.	Leonard Kosirog, Storekeeper	H	2 520
13.	Clifton Williams, Storekeeper	H	2 400
14.	Michael Paradise, Supply Attendant	H	2 280
	Total, College of Pharmacy		$ 36 976

Hospital Pharmacy Revolving Account

(Entire budget from receipts)

1.	John Hensel, Storekeeper	H	$ (3 000)
2.	Frank Gorski, Storekeeper	H	(2 586)
3.	Alvin Renshaw, Supply Attendant	H	(1 800)
	Total, Hospital Pharmacy Revolving Account		$ (7 386)

GRADUATE COLLEGE

1.	————, Secretary	H50	$ 1 500
	Total, Graduate College		$ 1 500

SCHOOL OF NURSING

1.	Lucille Early, Junior Clerk-Stenographer	H	$ 2 424
	Total, School of Nursing		$ 2 424

PHYSICAL EDUCATION FOR MEN

1.	Edward Kittel, Men's Locker Room Attendant	H	$ 2 802
	Total, Physical Education for Men		$ 2 802

AEROMEDICAL AND PHYSICAL ENVIRONMENT LABORATORY

1.	Clarence V. Pestel, Mechanical Engineer	H	$ 4 900
2.	John Hansen, Senior Laboratory Mechanic	H	3 900
3.	E. L. Eckert, Senior Laboratory Assistant	H	2 700
4.	Mrs. Minnie S. Hein, Secretary	H	3 000
5.	————, Senior Laboratory Assistant	H	3 000
	Total, Aeromedical and Physical Environment Laboratory		$ 17 500

INSTITUTION FOR TUBERCULOSIS RESEARCH

1.	F. W. Piepenbrok, Senior Medical Technologist	H	$ 3 300
2.	Mrs. Elizabeth L. Moretti, Junior Laboratory Assistant	H	2 600
3.	Edwin Herskind, Animal Caretaker	H	2 600
	Total, Institution for Tuberculosis Research		$ 8 500

RESEARCH AND EDUCATIONAL HOSPITALS

Administration

1. W. R. Williams, Assistant Administrator	H	$ 5 950
2. Arlene Egan, Secretary	H	3 000
3. Mrs. Ruth L. Loose, Senior Clerk-Typist	H	2 460
4. Louis Kurzeja, Supply Attendant	H	2 700
5. Mrs. Joyce Sims, Hospital Bookkeeper	H	2 940
6. Mrs. Lillian Howard, Assistant Cashier	H	2 100
7. Esther Karl, Senior Clerk-Typist	H	2 220
INFORMATION OFFICE		
8. Mrs. Veronica Kavanagh, Chief Information Clerk	H	2 700
9. Henry Schloss, Information Clerk	H	2 340
10. Art Dimschultz, Information Clerk	H	2 400
11. Mrs. Margaret Koske, Information Clerk	H	2 280
ADMISSIONS		
12. Mrs. Lydia O'Halloran, Chief Admitting Officer	H	3 300
13. Julia Rzeszut, Admitting Officer	H	2 190
Total, Administration		$ 36 580

Central Supply

1. Iris Hill, Supervising Nurse	H	$ 3 444[1]
2. Helena Burke, Head Nurse	H	2 826[2]
3. Mary Mitch, Staff Nurse	H	2 526[2]
4. Mrs. Hilda Tucker, Staff Nurse	H	2 814[1]
5. John Bettinardi, Senior Laboratory Assistant	H	2 604[1]
Total, Central Supply		$ 14 214

Clinics

1. Frances V. Craig, Supervisor of Clinic Nurses	H	$ 4 320
2. Hattie C. Larson, Assistant Supervisor of Clinic Nurses	H	3 900
3. Dorothy Colman, Clinic Nurse	H	3 540
4. Marie M. Sorenson, Clinic Nurse	H	3 540
5. Teresa J. Robertson, Clinic Nurse	H	3 540
6. Hazel M. Nelson, Clinic Nurse	H	3 540
7. Mrs. Thelma G. Smith, Clinic Nurse	H	3 540[3]
8. Mary LoCicero, Clinic Nurse (Paid from Item 7)	H	(3 540)
9. Honora T. Carrigan, Clinic Nurse	H	3 540
10. Emily T. Wodniak, Clinic Nurse	H	3 540
11. Edith Ramsey, Clinic Nurse	H	3 540[4]
12. Frances Lehman, Clinic Nurse	H	(3 540)[3]
13. Mrs. Catherine R. Knudsen, Clinic Nurse (Paid from Item 11)	H	(2 910)
14. Edyth V. Easterman, Clinic Nurse	H	3 540
15. Mrs. Lois Henze, Clinic Nurse	H	3 540[3]
16. Eva Ramsey, Clinic Nurse	H	3 540
17. Alyce Riley, Clinic Nurse	H	3 540
18. M. Edna Burgess, Clinic Nurse	H	3 540
19. Victoria Jaglowski, Clinic Nurse	H	3 540
20. Ida Smith, Clinic Nurse (INI)	H	3 540
21. Clarice Marriott, Clinic Nurse	H	3 540
22. Katherine McGann, Clinic Nurse	H	3 540
23. Smilja Pokrajac, Clinic Nurse	H	3 420

[1] With one meal a day while on duty, valued at $96 a year, furnished for the convenience of the employee.
[2] With room and board while on duty, valued at $384 a year, furnished for the convenience of the employee.
[3] On leave of absence without pay for 1949-1950.
[4] On leave of absence without pay for disability until further notice.

24.	Evelyn M. Vanderveen, Clinic Nurse (INI)	H	3 180
25.	Mrs. Orabelle Chertack, Clinic Nurse	H	3 000
26.	Joanne L. Kovarik, Clinic Nurse	H	2 790
27.	Mary Rich, Clinic Nurse	H	2 820
28.	————, Clinic Nurse	H	2 700
29.	John Lardner, Supervisor of Urology	H	3 540
30.	Mrs. Louise Smith, Acting Intake Supervisor	H	3 540[1]
31.	Mrs. Joy E. Grabow, Intake Interviewer (Paid from Item 30)	H	(2 520)
32.	Mrs. Ann Whitlock, Intake Interviewer	H	2 820
33.	Lauretta Schultz, Intake Interviewer	H	2 580
34.	Lolita L. Seghetti, Intake Interviewer	H	2 580
35.	————, Intake Interviewer	H	2 520
36.	Bernice Bernhart, Secretary	H	3 300
37.	Mrs. Ann Knipper, Senior Clerk-Typist	H	2 700
38.	Dorothy Kish, Senior Clerk-Stenographer	H	2 640
39.	Roberta J. McLaughlin, Junior Clerk-Stenographer	H	2 220
40.	Joan Schlesinger, Junior Clerk-Typist	H	2 220
41.	Mrs. Livia M. Martinucci, Junior Clerk-Typist	H	2 220
42.	————, Junior Clerk-Typist	H	2 220
43.	————, Junior Clerk-Stenographer	H	2 160
44.	————, Junior Clerk-Typist	H	2 130
45.	Mrs. Martha L. Neal, Junior Clerk-Typist	H	2 070
46.	Bertha L. Gorman, Assistant File Clerk	H	.....[2]
47.	Jesse Haney, Orderly	H	2 100
48.	Mrs. Thelma Wickert, Nurses Aide	H	1 986
	Total, Clinics		$131 856

Dietary

1.	Hildur C. Hellberg, Director of Dietary Service		.....[2]
2.	Alpha Q. Stine, Acting Director of Dietary Service	H	$ 4 704[3]
3.	————, Assistant Director of Dietary Service	H	3 804[3]
4.	Wilda Derryberry, Dietitian (Paid from Item 3)	H	(2 544)[4]
5.	Mary C. Beckers, Dietitian	H	3 246[3]
6.	Virginia Peschel, Dietitian	H	3 024[3]
7.	Beata A. Link, Dietitian	H	2 976[4]
8.	Mrs. Dorothea Chapp, Dietitian	H	3 000[3]
9.	Mrs. Mary B. Cain, Dietitian	H	3 000[3]
10.	Georgia Reeder, Dietitian	H	3 000[3]
11.	Edwina M. Fuchs, Dietitian	H	2 904[3]
12.	Selma F. Maassen, Dietitian	H	2 808[4]
13.	Mrs. Florence Ross, Dietitian	H	2 880[3]
14.	Gertrude M. Larsen, Dietitian	H	2 820[3]
15.	Alice S. Michalak, Senior Clerk-Stenographer	H	2 700[3]
16.	Mrs. Nora Shames, Senior Clerk-Typist	H	2 280[3]
	Total, Dietary		$ 43 164

Laboratory

1.	H. G. Baker, Technical Assistant in the Hospital Laboratory	H	$ 3 660
2.	Mary V. Donahue, Senior Medical Technologist	H	3 780
3.	Doris M. Hunter, Senior Medical Technologist	H	3 600
4.	Vivian Greenman, Senior Medical Technologist	H	3 240
5.	Gwenyth Kamran, Senior Medical Technologist	H	3 240

[1] On leave of absence without pay for 1949-1950.
[2] On leave of absence without pay until further notice; disability benefits payable by Retirement System.
[3] With one meal a day while on duty, valued at $96 a year, furnished for the convenience of the employee.
[4] With two meals a day while on duty, valued at $192 a year, furnished for the convenience of the employee.

6. Helen T. Dembinski, Senior Medical Technologist	H		3 180
7. Mary K. Coultas, Senior Medical Technologist	H		3 000
8. Mrs. Ida May Adair, Senior Medical Technologist	H		3 000
9. Mrs. Marion L. Damaskus, Junior Medical Technologist	H		2 880
10. Vlasta M. Motal, Junior Medical Technologist	H		2 520
11. Mrs. Shirley W. MacMurray, Junior Medical Technologist	H		2 880
12. Mrs. Jacqueline Schaefer, Junior Medical Technologist	H		2 880
13. Mrs. Jane VanDenend, Junior Medical Technologist	H		3 000
14. Sara R. Lightcap, Junior Medical Technologist	H		2 700
15. Mrs. Lucille Hoff, Junior Laboratory Assistant	H		2 580
16. Iris Nelson, Junior Laboratory Assistant	H		2 640
17. Lorraine E. Gribbens, Junior Laboratory Assistant	H		2 460
18. Mrs. Lorraine A. Litt, Junior Laboratory Assistant	H		2 280
19. Grace Nakagawa, Senior Clerk-Stenographer	H		2 700
Total, Laboratory			$ 56 220

Linen Service

1. Mrs. Anna McNicholas, Supervisor of Linen Service	H	$	2 880
2. Mrs. Nellie Busking, Linen Room Attendant	H		2 400
3. Glenn Sharp, Linen Room Attendant	H		2 604[1]
4. E. P. Camp, Linen Room Attendant	H		2 364[1]
5. J. R. McKenna, Linen Room Attendant	H		2 220[1]
Total, Linen Service		$	12 468

Medical Records

1. Mrs. Alphild F. Norris, Chief Medical Record Librarian	H	$	4 380
2. Mrs. Fae Dillman, Medical Record Librarian	H		3 000
3. Helen Stocking, Senior File Clerk	H		2 700
4. Rosemary Huelskamp, Medical Record Librarian	H		2 790
5. Aileen Graham, Senior Clerk-Stenographer	H		2 520
6. ————, Medical Record Librarian	H		2 490
7. Elsa Canuti, Senior Record Clerk (Paid from Item 6)	H		(2 280)
8. Mrs. Ruth Vacco, Senior File Clerk	H		2 340
9. Celeste Marzano, Senior Clerk-Typist	H		2 298
10. Mrs. Marian Florio, Senior File Clerk	H		2 262
11. Geraldine Eisenstein, Junior Clerk-Typist	H		2 190
12. LaVergne Koc, Junior Record Clerk	H		2 070
13. Lorraine Spacher, Junior File Clerk	H		1 980
14. Ruth Fuller, Junior File Clerk	H		1 950
15. Mrs. Harriette Post, Junior File Clerk	H		1 950
16. Jewel Reidy, Junior File Clerk	H		1 950
17. Anna Camp, Junior File Clerk	H		1 860
18. Mrs. Della Lesniak, Junior File Clerk	H		1 950
19. Catherine W. Doman, Junior File Clerk	H		1 860
20. ————, Junior File Clerk	H		1 860
Total, Medical Records		$	44 400

Nursing

1. Ruth M. Carroll, Associate Director of Nursing	H90	$	3 816[2]
(See School of Nursing)	DY10		(600)
(Total Salary)			(4 416)[2]
(Also paid $50 a month from academic balances to August 31, 1949, only)			
2. Antoinette Radek, Assistant Director of Nursing	H		3 420[2]

[1] With one meal a day while on duty, valued at $96 a year, furnished for the convenience of the University.

[2] With room and board while on duty, valued at $384 a year, furnished for the convenience of the employee.

3.	Elizabeth Wanish, Assistant Director of Nursing (Also paid $25 a month from academic balances to August 31, 1949, only)	H	3 336[1]
4.	Mrs. Ellen Finnigan, Assistant to the Director of Nursing	H	3 504[2]
5.	Juanita Hamilton, Assistant to the Director of Nursing	H	3 192[1]
6.	Eunice Merritt, Assistant to the Director of Nursing	H	3 060[1]
7.	Grace Calmer, Assistant to the Director of Nursing	H	2 796[1]
8.	Frances Burga, Assistant to the Director of Nursing (Also paid $25 a month from academic balances to August 31, 1949, only)	H	2 526[1]
9.	Mrs. Ruth Ashworth, Secretary	H	3 240[2]
10.	Lorraine Mench, Senior Clerk-Stenographer	H	2 400
11.	Mrs. Erline Peterson, Dietitian	H	2 940[2]
12.	Frances Hoefling, Supervising Nurse	H	3 444[2]
13.	Emma Scott, Supervising Nurse	H	3 444[2]
14.	Helen Gondek, Supervising Nurse	H	3 444[2]
15.	Eva Begg, Supervising Nurse	H	3 444[2]
16.	Angela Lonchar, Supervising Nurse	H	3 156[1]
17.	Alma Huseman, Supervising Nurse	H	3 156[1]
18.	Lillian Daily, Supervising Nurse	H	3 156[1]
19.	Mrs. Hilary C. Johnson, Head Nurse	H	3 114[2]
20.	Margaret Thomas, Head Nurse	H	3 114[2]
21.	Mrs. Violet Conforti, Head Nurse	H	3 114[2]
22.	Mrs. Sophie Kratochvil, Head Nurse	H	3 114[2]
23.	Monica Cavanaugh, Head Nurse	H	3 114[2]
24.	Loretta Cudnowski, Head Nurse	H	2 286[1]
25.	Catherine Kolitsch, Head Nurse	H	2 826[1]
26.	Gertrude Young, Head Nurse	H	2 826[1]
27.	Mrs. Mary J. Schuler, Head Nurse	H	2 814[2]
28.	Mrs. Betty Mahan, Head Nurse	H	2 802[2]
29.	Elsie Johnson, Head Nurse	H	2 574[1]
30.	Lillian UpDike, Head Nurse	H	2 442[1]
31.	Yoneko Matayoshi, Head Nurse	H	2 382[1]
32.	Marie Battaglini, Head Nurse	H	2 334[1]
33.	Irene Rector, Assistant Head Nurse	H	2 766[2,3]
34.	Shirley Stevenson, Assistant Head Nurse (Paid from Item 33)	H	(2 286)[1]
35.	Mrs. Corrine Gillen, Assistant Head Nurse	H	2 574[2]
36.	Virginia Meznarich, Assistant Head Nurse	H	2 406[1,3]
37.	Mrs. Lucille Byerly, Staff Nurse (Paid from Item 36)	H75	(1 772)[2]
38.	Olive Edmond, Assistant Head Nurse	H	2 622[2,3]
39.	Mrs. Edna B. Dibble, Acting Assistant Head Nurse (Paid from Item 38)	H	(2 574)[2]
40.	Mollie Hall, Staff Nurse	H	2 814[2]
41.	Mrs. Dorothy Turkiewicz, Staff Nurse	H	2 814[2]
42.	Margaret Halpin, Staff Nurse	H	2 814[2]
43.	Mary C. Mallon, Staff Nurse	H	2 814[2,3]
44.	Marie Willis, Staff Nurse	H	2 814[2]
45.	Ima Snow, Staff Nurse	H	2 814[2]
46.	Patricia J. Breen, Staff Nurse	H	2 316[2]
47.	Maudeen Tolliver, Staff Nurse	H	2 634[2]
48.	Sophie Ciesla, Staff Nurse	H	2 634[2]
49.	Mrs. Daisy McGuire, Staff Nurse	H	2 634[2]
50.	Grace Reder, Staff Nurse	H	2 574[2]
51.	Mrs. Anita Robertson, Staff Nurse	H	2 484[2]
52.	Mrs. Charlotte Tanaka, Staff Nurse	H	2 514[2,3]

[1] With room and board while on duty, valued at $384 a year, furnished for the convenience of the employee.
[2] With one meal a day while on duty, valued at $96 a year, furnished for the convenience of the employee.
[3] On leave of absence without pay for 1949-1950.

53.	Isabel Anderson, Staff Nurse (Paid from Item 52)	H	(2 196)[1]
54.	Mrs. Linda Gican, Staff Nurse	H	2 484[2]
55.	Julia Watson, Staff Nurse	H	2 514[2]
56.	Catherine Haas, Staff Nurse	H	2 514[2]
57.	Mary Jane Cooper, Staff Nurse	H	2 196[1]
58.	Otilea Judeiko, Staff Nurse	H	2 514[2]
59.	Zada Ostergaard, Staff Nurse	H	2 484[2]
60.	Maureen O'Hart, Staff Nurse	H	2 514[2]
61.	————, Staff Nurse	H	2 484[2]
62.	————, Staff Nurse	H	2 514[2]
63.	Marjorie Young, Staff Nurse	H	2 514[2]
64.	————, Staff Nurse	H	2 514[2]
65.	Barbara Koegel, Staff Nurse	H	2 454[2]
66.	Wanda Opoka, Staff Nurse	H	2 424[2]
67.	Ruth Moscato, Staff Nurse	H	2 424[2]
68.	Loretta P. Funke, Staff Nurse	H	2 454[2]
69.	Joanne Bartosiak, Staff Nurse	H	2 454[2]
70.	Katherine Beyenka, Staff Nurse	H	2 454[2]
71.	Geraldine Sus, Staff Nurse	H	2 454[2]
72.	Lorraine Silarski, Staff Nurse	H	2 454[2]
73.	Mrs. Alice B. Tuma, Staff Nurse	H	2 424[2]
74.	Theresa Morelli, Staff Nurse	H	2 454[2]
75.	Hildegard Hilgenberg, Staff Nurse	H	2 196[1]
76.	Dorothy Barber, Staff Nurse	H	2 364[2]
77.	Francisca Primero, Staff Nurse	H	2 424[2]
78.	Patricia Carroll, Staff Nurse	H	2 196[1]
79.	Mrs. Beverly Nieusma, Staff Nurse	H	2 364[2]
80.	Lois Bonham, Staff Nurse	H	2 526[1]
81.	Emma Carroll, Staff Nurse	H	2 526[1]
82.	Theresa Jagielski, Staff Nurse	H	2 526[1]
83.	Marie Mueller, Staff Nurse	H	2 526[1,3]
84.	Margaret Miller, Staff Nurse (Paid from Item 83)	H	(2 076)[1]
85.	Mrs. Helen Vadder, Staff Nurse	H	2 526[1]
86.	Ethel Katzner, Staff Nurse	H	2 526[1]
87.	Mrs. Amelia Snedeker, Staff Nurse	H	2 526[1]
88.	Emily Vandecar, Staff Nurse	H	2 346[1]
89.	Antoinette Manno, Staff Nurse	H	2 346[1]
90.	Florence Patterson, Staff Nurse	H	2 286[1]
91.	Ruth Lemon, Staff Nurse	H	2 226[1]
92.	Irene Field, Staff Nurse	H	2 196[1]
93.	Frieda Stute, Staff Nurse	H	2 226[1,3]
94.	Lorraine Bielenberg, Staff Nurse (Paid from Item 93)	H	(2 076)[1]
95.	Joy Ford, Staff Nurse	H	2 226[1]
96.	Dorothy Sanders, Staff Nurse	H	2 226[1]
97.	Garnita Clark, Staff Nurse	H	2 226[1]
98.	Ruth Entwistle, Staff Nurse	H	2 226[1]
99.	————, Staff Nurse	H	2 106[1]
100.	Mary O'Neill, Staff Nurse	H	2 226[1]
101.	Hilda Anderson, Staff Nurse	H	2 136[1]
102.	Phyllis Kuehn, Staff Nurse	H	2 136[1]
103.	Helen Fleming, Staff Nurse	H	2 454[2]
104.	Edna Ristau, Staff Nurse	H	2 136[1]
105.	Alice Rawls, Staff Nurse	H	2 136[1]
106.	Dorothy Benedict, Staff Nurse	H	2 136[1]
107.	Phyllis Christiansen, Staff Nurse	H	2 136[1]

[1] With room and board while on duty, valued at $384 a year, furnished for the convenience of the employee.
[2] With one meal a day while on duty, valued at $96 a year, furnished for the convenience of the employee.
[3] On leave of absence without pay for 1949-1950.

108. Elma Paul, Staff Nurse	H		2 166[1]
109. Louise Massa, Staff Nurse	H		2 166[1]
110. Lily Gram-Jensen, Staff Nurse	H		2 196[1]
111. Georgianna J. Miller, Staff Nurse	H		2 076[1]
112. Lorraine Schilf, Staff Nurse	H		2 166[1]
113. Catherine T. Federer, Staff Nurse	H		2 136[1]
114. Marjorie Ellingson, Staff Nurse	H		2 166[1]
115. Irene Fitzgibbons, Staff Nurse	H		2 166[1]
116. Alice Skibbens, Staff Nurse	H		2 166[1]
117. Marie Napoleon, Staff Nurse	H		2 076[1]
118. Norma J. Stebbins, Staff Nurse	H		2 076[1]
119. Ann L. Draeger, Staff Nurse	H		2 076[1]
120. Joanne Dancy, Staff Nurse	H		2 076[1]
121. Donna Schlarbaum, Staff Nurse	H		2 076[1]
122. Donna Carter, Staff Nurse	H		2 076[1]
123. Helen Brak, Staff Nurse	H		2 076[1]
124. Laurel Koch, Staff Nurse	H		2 076[1]
125. Arlene Lewis, Staff Nurse	H		2 076[1]
126. Margaret Murphy, Staff Nurse	H		2 076[1]
127. Beverly Richards, Staff Nurse	H		2 076[1]
128. June P. Moffett, Staff Nurse	H		2 076[1]
129. Florence Hanson, Staff Nurse	H		2 076[1]
130. Mary Brightman, Staff Nurse	H		2 076[1]
Total, Nursing			$312 714

Nurses Residence

1. Katherine MacLay, Matron	H		$ 2 316[1]
2. Jean Bayless, Assistant Matron	H		2 400
3. Huldah Bolte, Assistant Matron	H		2 238
4. Alice Kelly, Assistant Matron	H		2 238
Total, Nurses Residence			$ 9 192

Operating Room

1. Mrs. Helen Lane, Supervising Nurse	H		$ 3 444[2]
2. Clara Loesch, Head Nurse	H		3 114[2]
3. Lenore Hermann, Head Nurse	H		3 114[2]
4. Loretta Fangrat, Staff Nurse	H		2 814[2]
5. Helen Blaut, Staff Nurse	H		2 814[2]
6. Ann Brannon, Staff Nurse	H		2 634[2]
7. Shirley Mae Schmidt, Staff Nurse	H		2 514[2]
8. Agnes Krautz, Staff Nurse	H		2 514[2]
9. Charlotte Bossi, Staff Nurse	H		2 514[2]
10. Amy Housworth, Staff Nurse	H		2 514[2]
11. Mrs. Dorothy Fuchs, Staff Nurse	H		2 454[2]
12. Mrs. Lillian Stigliani, Staff Nurse	H		2 454[2]
13. Mae Samuelson, Staff Nurse	H		2 364[2]
14. Ruth Yancey, Staff Nurse	H		2 526[1]
15. Martha Cory, Staff Nurse	H		2 166[1]
Total, Operating Room			$ 39 954

Orthopaedic Surgery

1. J. J. Molloy, Bracemaker	H80		$ 3 312
(From Brace Shop Revolving)	H20		(828)
(Total Salary)			(4 140)
2. Olga Pash, Assistant Bracemaker (From Brace Shop Revolving)	H		(2 280)

[1] With room and board while on duty, valued at $384 a year, furnished for the convenience of the employee.

[2] With one meal a day while on duty, valued at $96 a year, furnished for the convenience of the employee.

3. W. P. Oliver, Assistant Bracemaker	H80	1 920
(From Brace Shop Revolving)	H20	(480)
(Total Salary)		(2 400)
Total, Orthopaedic Surgery		$ 5 232

Pathology

1. Nils Siegbahn, Senior Laboratory Assistant	H	$ 3 250
2. Cyril V. Gazarek, Senior Laboratory Assistant	H	2 880
3. Louis Weinzimmer, Junior Laboratory Assistant	H	2 580
4. ————, Junior Laboratory Assistant	H	2 400
5. Mrs. Violet Olsen, Senior Clerk-Stenographer	H	2 880
6. Sylvia C. Schreiman, Junior Clerk-Stenographer	H	2 280
7. Mrs. Martha Forman, Junior Clerk-Stenographer	H	2 520
Total, Pathology		$ 18 790

Physical Medicine and Rehabilitation

OCCUPATIONAL THERAPY

1. Florence M. MacLean, Supervisor of Occupational Therapy	H40	$ 1 540
(See Medicine, Physical Medicine and Rehabilitation)	DY60	(2 310)
(Total Salary)		(3 850)
2. Angeline A. Howard, Supervisor of Occupational Therapy	H40	1 540
(See Medicine, Physical Medicine and Rehabilitation)	DY60	(2 310)
(Total Salary)		(3 850)
3. Sarah L. Gephardt, Supervisor of Occupational Therapy	H40	1 540
(See Medicine, Physical Medicine and Rehabilitation)	DY60	(2 310)
(Total Salary)		(3 850)
4. Alice M. Clement, Supervisor of Occupational Therapy	H40	1 540
(See Medicine, Physical Medicine and Rehabilitation)	DY60	(2 310)
(Total Salary)		(3 850)
5. Blanche M. Popelka, Assistant Supervisor of Occupational Therapy	H75	2 475
(See Medicine, Physical Medicine and Rehabilitation)	DY25	(825)
(Total Salary)		(3 300)
6. Grace W. DeTamble, Assistant Supervisor of Occupational Therapy	H80	2 640
(See Medicine, Physical Medicine and Rehabilitation)	DY20	(660)
(Total Salary)		(3 300)
7. ————, Assistant Supervisor of Occupational Therapy	H90	2 970
(See Medicine, Physical Medicine and Rehabilitation)	DY10	(330)
(Total Salary)		(3 300)
8. Joanne Robinson, Junior Clerk-Stenographer	H	2 310
Sub-total, Occupational Therapy		(16 555)

PHYSICAL THERAPY

9. Nora Staael, Clinical Director of Physical Therapy	H	4 200
10. Marion G. Taft, Staff Physical Therapist	H	3 420
11. Violet Fey, Staff Physical Therapist	H	3 420
12. Dorothy Iddings, Staff Physical Therapist	H	3 420
13. Mrs. Ruby M. Dawson, Staff Physical Therapist	H	3 250
14. Mrs. Donna J. Thiemann, Staff Physical Therapist	H90	3 078
15. ————, Staff Physical Therapist	H	3 000
16. ————, Staff Physical Therapist	H	3 000
17. Mary Lee Bix, Senior Clerk-Typist	H	2 280
18. Evelyn Smith, Physical and Occupational Therapy Attendant	H	2 280
19. Bernard Johnson, Physical and Occupational Therapy Attendant	H	2 280
20. ————, Physical and Occupational Therapy Attendant	H	2 100
Sub-total, Physical Therapy		(35 728)
Total, Physical Medicine and Rehabilitation		$ 52 283

Radiology

1. Harriette Johnson, Chief X-ray Technician	H	$	3 660
2. W. G. Bergeron, Radium Technician	H50		1 980
3. Olive George, Senior X-ray Technician	H		3 156
4. Lydia C. Scherbarth, Senior X-ray Technician	H		3 156
5. Lydia Naaf, Senior X-ray Technician	H		2 820
6. Joyce Tobin, Junior X-ray Technician	H		2 592
7. Patricia Preston, Junior X-ray Technician	H		2 430
8. Ruth Gillihet, Junior X-ray Technician	H		2 220
9. Willie F. Furlow, Senior Dark Room Technician	H		2 340
10. Mildred Winesberry, Junior Dark Room Technician	H		2 100
11. Josephine Bellamia, Senior Clerk	H		2 340
12. Marietta Carbonaro, Junior Clerk-Typist	H		2 160
13. Grace King, Junior Clerk	H		2 100
14. Charlotte Mastro, Junior Clerk-Typist	H		2 040
15. Marie Fisher, Nurses Aide	H		1 938
Total, Radiology		$	36 942

Social Service

1. Margaret I. Anderson, Senior Medical Social Worker	H	$	4 000
2. Mrs. Virnelle Doyle, Senior Medical Social Worker	H		3 900
3. Ada Abromowitz, Senior Medical Social Worker	H		3 880
4. Alice M. Gonnerman, Medical Social Worker	H		3 360
5. Virginia Kenny, Medical Social Worker	H		3 288
6. ————————, Medical Social Worker	H		2 900
7. Esther Zumdahl, Medical Social Worker	H		2 760
8. Mary Anne Byrne, Medical Social Worker	H		2 700
9. Mrs. Clara C. Shaw, Senior Clerk-Stenographer	H		2 880
10. Esther Herstein, Junior Clerk-Stenographer	H		2 250
Total, Social Service		$	31 918

Surgical Dressings

1. Mrs. Lillian Kallenback, Supervisor of Sewing and Surgical Dressings	H20	$	576
(See Sewing and Mending Stores)	H80		(2 304)
(Total Salary)			(2 880)
2. Mrs. Helen M. Waichulis, Surgical Dressings Maker	H		2 298
Total, Surgical Dressings		$	2 874

Sewing and Mending Stores

(Entire budget from charges to departments)

1. Mrs. Lillian Kallenback, Supervisor of Sewing and Surgical Dressings	H80	$	(2 304)
(See Surgical Dressings)	H20		(576)
(Total Salary)			(2 880)
2. Louise E. Radcliffe, Sewing Room Supervisor	H		.....[1]
3. Josephine McElliogott, Seamstress and Assistant Sewing and Mending Supervisor	H		(2 520)
4. Mrs. Joanna Sullivan, Seamstress	H		(2 298)[2]
5. Mrs. Henrietta Henry, Seamstress	H		(2 298)
6. Mrs. Anne Glass, Seamstress	H		(2 220)
7. Mrs. Nina Carmody, Seamstress	H		(2 190)
8. Elizabeth M. Magill, Seamstress			.....[1]
9. Anna Paul, Seamstress			.....[1]
Total, Sewing and Mending Stores		$	(13 830)

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

[2] On leave of absence without pay for 1949-1950.

ILLINOIS EYE AND EAR INFIRMARY

1. Eugene Elstrom, Chief X-ray Technician	H	$	3 564[1]
2. Veronica Fries, Senior Medical Technologist	H		2 754[2]
3. Mrs. Ilsa Schwartz, Senior Medical Technologist	H		2 904[1]
4. ————————, Senior Medical Technologist	H		3 000
5. Lydia K. Heinen, Junior Medical Technologist	H		2 478[2]
6. Floy Helwig, Junior Medical Technologist	H		2 424[1]
7. Ruth M. Salladay, Secretary	H		3 210[1]
8. Doris Erbach, Senior Clerk-Stenographer	H		2 424[1]
9. Jeanette Angelillo, Junior Clerk-Typist	H		2 160
10. ————————, Medical Record Librarian	H		2 904[1]
11. Mildred Froeschele, Junior Clerk-Typist (Paid from Item 10)	H		(2 064)[1]
SOCIAL SERVICE DEPARTMENT			
12. Mrs. Alina M. Drake, Senior Medical Social Worker	H		3 900
13. ————————, Medical Social Worker	H		3 442
14. ————————, Medical Social Worker	H		3 300
15. Miriam Eisenberg, Medical Social Worker	H		2 700
16. Concetta Trotta, Senior Clerk-Stenographer	H		2 448
NURSING DEPARTMENT			
17. Caroline Stewart, Associate Director of Nursing	H		4 344[1]
18. Fern F. Sieling, Assistant Director of Nursing	H		3 924[1]
19. Mrs. Harriet Vrasic, Senior Clerk-Stenographer	H		2 454[1]
20. Mrs. Nancy D. Izzo, Head Nurse	H		2 934[1]
21. Mildred Ludwig, Head Nurse	H		2 814[1]
22. Ruth Schroeder, Head Nurse	H		2 814[1]
23. Alice Jusczynski, Head Nurse	H		2 724[1]
24. Florence Green, Head Nurse	H		2 694[1]
25. Helen N. Strayhall, Staff Nurse	H		2 910
26. ————————, Staff Nurse	H		2 550
27. Mary T. Kirk, Staff Nurse	H		2 580
28. Elsie Pinnix, Staff Nurse	H		2 514[1]
29. Isabel McFarlane, Staff Nurse	H		2 364[1]
30. Mary A. Paternoster, Staff Nurse	H		2 514[1]
31. Gladys Randall, Staff Nurse	H		2 514[1]
32. Ruth Anderson, Staff Nurse	H		2 484[1]
33. Sylvia Riske, Staff Nurse	H		2 484[1]
34. Mrs. Dawn C. Knable, Staff Nurse	H		2 514[1]
35. ————————, Staff Nurse	H		2 394[1]
36. Mary E. Smith, Staff Nurse	H		2 514[1]
37. Rosella Bohland, Staff Nurse	H		2 484[1]
38. Mabel B. Stiert, Staff Nurse	H		2 514[1]
39. Margaret Abiltrup, Staff Nurse	H		2 514[1]
40. Emma Follmer, Staff Nurse	H		2 514[1]
41. Mrs. Anna M. O'Toole, Staff Nurse	H		2 514[1]
42. Virginia Oas, Staff Nurse	H		2 484[1]
43. Mrs. Phyllis Schnell, Staff Nurse	H		2 514[1]
44. Mrs. Oleta Gottman, Staff Nurse	H		2 484[1]
45. ————————, Staff Nurse	H		2 334[1]
46. Frida Johansen, Staff Nurse	H		2 286[2]
47. ————————, Staff Nurse	H		2 334[1]
48. Mrs. Elizabeth H. Nash, Clinic Nurse	H		3 444[1]
49. Emma Condl, Clinic Nurse	H		3 066[1]
50. Elizabeth Lindelius, Clinic Nurse	H		2 934[1]
51. Gladys Uehrke, Clinic Nurse	H		2 874[1]
Total, Illinois Eye and Ear Infirmary			$137 944

Terms of the existing joint agreement with the Department of Public Welfare specify that maintenance for Resident, Nursing, and Staff Personnel be provided from its budget.

[1] With one meal a day while on duty, valued at $96 a year, furnished for the convenience of the employee.

[2] With room and board while on duty, valued at $384 a year, furnished for the convenience of the employee.

DIVISION OF SERVICES FOR CRIPPLED CHILDREN

State

1.	Hedwig B. Trauba, Supervisor of Nursing Service	H	$ 5 160
2.	Marjorie Gibson, Assistant Supervisor of Nursing Service	H	4 500
3.	Beatrice Bozarth, Orthopedic Nursing Consultant	H	4 080
4.	Mrs. Elsie M. Dugan, Orthopedic Nursing Consultant	H	4 020[1]
5.	Iva E. Hensel, Orthopedic Nursing Consultant	H	4 020
6.	Marie Czwalinski, Orthopedic Nursing Consultant	H	3 960
7.	Mrs. Jean Sciora, Orthopedic Nursing Consultant	H	3 960
8.	————, Orthopedic Nursing Consultant	H	3 840
9.	————, Orthopedic Nursing Consultant	H	3 660
10.	Mrs. Frances E. Erickson, Nursing Consultant	H	3 780
11.	Frances L. Crites, Nursing Consultant	H	3 780
12.	Mary D. Ford, Nursing Consultant	H	3 660
13.	Grace F. Borah, Nursing Consultant	H	3 600
14.	Lucille Shepherd, Nursing Cnsultant	H	3 600
15.	Gladys M. Caley, Nursing Consultant	H	3 600
16.	Madeline Groesch, Nursing Consultant	H	3 480
17.	Mrs. Josephine Remley, Nursing Consultant	H	3 480
18.	Geneva Theis, Nursing Consultant	H	3 480
19.	Mrs. Ruth Simpson, Nursing Consultant	H	3 480
20.	Mrs. Jacqueline Marans, Supervising Clerk-Stenographer	H	2 880
21.	Dixie L. Nicholas, Senior Clerk-Stenographer	H	2 700
22.	Mrs. Fannie M. Aiello, Senior Clerk-Stenographer	H	2 640
23.	Helen Kolb, Senior Clerk-Stenographer	H	2 640
24.	Mrs. Annabel Osby, Senior Clerk-Stenographer	H	2 640
25.	Mrs. Dorothy Black, Senior Clerk-Stenographer	H	2 520
26.	Mrs. Dorothy C. McCullough, Senior Clerk-Stenographer	H	2 520
27.	Mrs. Mary Riley, Senior Clerk-Stenographer	H	2 520
28.	Helen Factor, Senior Clerk-Stenographer	H	2 460
29.	Mrs. Ann F. Bolka, Senior Clerk-Stenographer	H	2 460
30.	Mrs. Betty Robinson, Senior Clerk-Stenographer	H	2 400
31.	Mrs. Frances Baker, Senior Clerk-Stenographer	H	2 400
32.	Mrs. Jean Kellner, Senior Clerk-Stenographer	H	2 400
33.	Mrs. Dorothy Howe, Senior Clerk-Stenographer	H	2 400
34.	Mrs. Clarice Mauney, Senior Clerk-Stenographer	H	2 340
35.	Mrs. Mary Taylor, Senior Clerk-Stenographer	H	2 280
36.	Mrs. Mary Hoyt, Senior Clerk-Stenographer	H	2 280
37.	Mrs. Betty Coffman, Senior Clerk-Stenographer	H	2 220
38.	Deloris Holroyd, Senior Clerk-Stenographer	H	2 100
39.	Mrs. Virginia Wallner, Senior Clerk-Stenographer	H	2 100
40.	Mrs. Lois S. Caudill, Junior Clerk-Stenographer	H	2 640
41.	Delores Koenig, Junior Clerk-Stenographer	H	2 640
42.	Phyllis Rohrenbach, Junior Clerk-Stenographer	H	2 520
43.	Mrs. Lucille M. Garrison, Junior Clerk-Stenographer	H	2 520
44.	Toshiko Ando, Junior Clerk-Stenographer	H	2 340
45.	Gladys Kemp, Junior Clerk-Stenographer	H	2 340
46.	Margaret Sichau, Junior Clerk-Stenographer	H	2 280
47.	Mrs. Mabel Cleary, Junior Clerk-Stenographer	H	2 100
48.	Dorothy A. Petrunich, Junior Clerk-Stenographer	H	2 040
49.	Mrs. Lois Brotherson, Junior Clerk-Stenographer	H	2 040
50.	Mary Hickey, Junior Clerk-Stenographer	H	2 040
51.	Lillian Schwartz, Junior Clerk-Stenographer	H	1 980
52.	Sybil Law, Junior Clerk-Stenographer	H	1 920
53.	Juanita Handley, Junior Clerk-Stenographer	H	1 920
54.	Mrs. Madeline Ford, Junior Clerk-Stenographer	H	1 800
55.	Mrs. Wanda Avery, Junior Clerk-Stenographer	H	1 800
56.	Mrs. Dorothy Dukett, Senior Clerk-Typist	H	2 700
57.	Mrs. Addalein Barclay, Senior Clerk-Typist	H	2 520

[1] On leave of absence without pay for 1949-1950.

58. Rachel Edwards, Senior Clerk-Typist	H		2 400
59. Marian Groesch, Senior Clerk-Typist	H		2 280
60. Shirley Traeger, Senior Clerk-Typist	H		2 220
61. Mayme Riva, Senior Clerk-Typist	H		2 220
62. Henrietta Marlowe, Junior Clerk-Typist	H		2 100
63. Mrs. Eleanor Schroll, Junior Clerk-Typist	H		2 040
64. Earlene Moody, Junior Clerk-Typist	H		2 004
65. Mrs. Barbara Mifflin, Junior Clerk-Typist	H		1 980
66. Mrs. Agnes Toombs, Junior Clerk-Typist	H		1 980
67. Irene B. Stauffer, Junior Clerk-Typist	H		1 980
68. Mrs. Dorothy Dowling, Junior Clerk-Typist	H		1 980
69. Frances Dougherty, Junior Clerk-Typist	H		1 956
70. Mrs. Lou A. Ross, Junior Clerk-Typist	H		1 920
71. Florence Wallner, Junior Clerk-Typist	H		1 896
72. Shirley Mathis, Junior Clerk-Typist	H		1 896
73. Mrs. Emma Trojanek, Junior File Clerk	H		2 400
74. Anna Murray, Junior File Clerk	H		2 100
75. Mrs. Edith Roloff, Junior File Clerk	H		2 040
76. Helen Hargis, Junior File Clerk	H		1 896
77. Mrs. Billie Swint, Junior Office Appliance Operator	H		1 980
78. Norma Cox, Assistant Office Appliance Operator	H		1 896
Total, Division of Services for Crippled Children (State)			$205 344

Federal

1. ————, Medical Officer	H		$ 8 400
2. Mable F. Meek, Assistant to the Director	H		4 800
3. R. E. Zook, Social Research Analyst	H		4 800
4. Mrs. Freda M. Hicks, Office Manager	H		4 800
5. F. T. Sharp, Clinical Photographer	H		4 200
6. ————, Supervisor of Psychological Service	H		3 900
7. Mrs. Marian Andrews, Junior Accountant	H		3 120
8. Norman Lentz, Junior Accountant	H		3 060
9. L. C. Ryan, Junior Accountant	H		3 060
10. ————, Record Room Supervisor	H		3 000
11. Betty Merwin, Junior Payroll Clerk	H60		1 500
(From Chicago Business Office)	H40		(1 080)
(Total Salary)			(2 580)
12. W. R. Hinds, Stores Clerk	H		2 520
13. ————, Assistant Stores Clerk	H		1 920
14. J. G. Cikas, Janitor	H		2 700
15. Edward Heatherman, Janitor	H		2 328
16. ————, Junior Clerk-Typist	H		2 100
17. ————, Junior Clerk-Stenographer	H		1 980
18. ————, Junior File Clerk	H		1 980
19. ————, Junior Clerk-Typist	H		1 800
MEDICAL SOCIAL SERVICE			
20. Zoe Hall, Supervisor of Medical Social Service	H		4 920
21. Mrs. Margaret G. Holden, Supervisor of Medical Social Training Project	H		4 500
22. Marion Smith, Medical Social Consultant	H		4 200
23. Mrs. Eunice U. Hustvedt, Medical Social Consultant	H		4 020
24. Dorothy Kaemlein, Medical Social Consultant	H		3 960
25. ————, Medical Social Consultant	H		3 900
26. Virginia Lamb, Medical Social Worker	H		3 600
27. ————, Assistant Supervisor of Medical Social Training Project	H		3 600
28. Elsie Matovich, Junior Clerk-Stenographer in Medical Social Training Project	H		2 640

SPEECH AND HEARING SERVICE		
29. Jeannette Frasier, Supervisor of Speech and Hearing Service	H	4 920
30. Evelyn Green, Speech and Hearing Consultant	H	4 200
31. Irene R. Donohue, Speech and Hearing Consultant	H	4 140
32. ————————, Speech and Hearing Consultant	H	3 720
CLEFT PALATE TRAINING		
33. Rosemary Prohaska, Senior Clerk-Stenographer	H	2 700
Total, Division of Services for Crippled Children (Federal)		$116 988

LIBRARY

1. Mrs. Barbara Sevy, Senior Library Clerk	H	$ 2 400
2. Carol Moston, Senior Library Clerk	H	2 400
3. ————————, Supply Attendant	H	2 400
4. Jeanette B. Orgodny, Junior Clerk-Stenographer	H	2 280
5. Rubin Weprin, Junior Library Clerk	H	2 160
6. Josephine Cenar, Junior Library Clerk	H	2 040
7. Helen Piemonte, Junior Clerk-Typist	H	2 034
Total, Library		$ 15 714

PHYSICAL PLANT DEPARTMENT

Administration

1. F. E. Hostettler, Assistant Superintendent of Buildings and Grounds	H	$ 7 300
2. Helen Gehrke, Senior Accountant	H	4 620
3. W. E. Bowman, Assistant to Superintendent of Buildings and Grounds	H	3 960
4. Mrs. Dorothy Dugger, Senior Clerk-Stenographer	H	3 000
5. Evangeline Westrick, Senior Office Appliance Operator	H	2 940
6. Mrs. Arlene Jacob, Senior Payroll Clerk	H	2 820
7. ————————, Senior Account Clerk	H80	2 160
(See Chicago Illini Union)	H20	(540)
(Total Salary)		(2 700)
8. Mrs. Joan R. Venters, Senior Clerk-Stenographer	H	2 640
9. ————————, Senior Clerk-Stenographer	H	2 580
10. Mrs. Margaret Petress, Senior Clerk-Typist	H	2 520
11. Mrs. Marguerite Bear, Junior Clerk-Typist	H	2 340
12. ————————, Junior Clerk-Stenographer	H	2 340
13. ————————, Junior File Clerk	H	2 280
14. Clare M. Haraburda, Junior Clerk-Stenographer	H	2 220
15. Jennie E. Sisco, Payroll Clerk		.....[1]
Total, Administration		$ 43 720

Building Operation

1. E. G. Segermark, Superintendent of Operations	H	$ 5 460
2. John Fee, Assistant Superintendent of Operations	H	4 140
3. Mrs. Lucille Balaney, Junior Clerk-Stenographer	H	2 460
4. M. E. Stanton, Window Washer Foreman	H	(4 628)[2]
5. Victor Waichulis, Janitor Foreman	H	(3 720)[2]
6. E. J. Gottstein, Elevator Operations Foreman	H	(3 300)[2]
7. Mrs. Emily Rycroft, Supervisor of Housekeeping	H	(2 820)[2]
8. Mrs. Ingrid Hansen, Supervisor of Housekeeping	H	(2 820)[2,3]

[1] On leave of absence without pay until further notice; disability benefits payable by Retirement System.
[2] Paid from Physical Plant Labor.
[3] On leave of absence without pay for 1949-1950.

9. Mrs. Alice Olsen, Supervisor of Housekeeping	H		(2 820)[1]
10. Mrs. Mary E. Novak, Supervisor of Housekeeping	H		(2 820)[1]
11. Mrs. Alice Bresnahan, Supervisor of Housekeeping	H		(2 820)[1]
12. Henry Obodzinski, Crew Leader	H		(2 746)[1]
13. Joseph Williams, Crew Leader	H		(2 746)[1]
14. Roy Hagen, Crew Leader	H		(2 746)[1,2]
15. Hugh Butler, Crew Leader	H		(2 746)[1]
16. ————, Crew Leader	H		(2 746)[1]
Total, Building Operation			$ 12 060

Police and Watchmen

1. C. F. Schar, Superintendent of Fire Prevention and Safety (Salary under Chicago Undergraduate Division)			.....
2. Harvey Cook, Police First Lieutenant	H	$	3 300
3. William Schmidt, Police Second Lieutenant	H		3 060
4. John McCaffrey, Police Second Lieutenant	H		3 060
5. John Schaaf, Foreman Mailing Service	H		3 060
Total, Police and Watchmen		$	12 480

Building Maintenance

1. R. A. Teppema, Superintendent of Building Maintenance	H	$	6 420
2. ————, Structural Engineer	H		5 880
3. James Lindsay, Routing Supervisor	H		4 200
4. Edward Slota, Storekeeper	H		3 000
5. Catherine Stiglianese, Junior Clerk-Typist	H		2 400
6. A. P. Poetzinger, Supervisor of Building Craftsmen	H		(6 000)[1]
7. Carl Mueller, Plumber Foreman	H		(5 406)[1]
8. Gunnar Osterberg, Carpenter Foreman	H		(5 302)[1]
9. Austin Hallberg, Painter Foreman	H		(5 280)[1]
10. Michael Jenniches, Electrician Foreman	H		(5 025)[1]
11. Eric Pearson, Crew Leader	H		(2 746)[1]
12. ————, Storekeeper	H		(2 700)[1]
13. Zigmund Strzalko, Storekeeper	H		(2 700)[1]
Total, Building Maintenance		$	21 900

Heat, Light, and Power

1. F. W. Houck, Superintendent of Utilities	H	$	6 900
2. F. J. Vogt, Mechanical Engineer	H		5 340
3. ————, Electrical Engineer	H		5 100
4. F. R. Dukes, Electrical Engineer	H		5 040
5. ————, Mechanical Engineer	H		3 900
6. J. J. Ehrlicher, Senior Operations Clerk	H		3 240
7. J. M. Densch, Chief Plant Operating Engineer	H		(6 120)
8. C. E. Reid, Assistant Chief Plant Operating Engineer	H		(5 880)
9. C. F. Radloff, Assistant Chief Plant Operating Engineer	H		(5 880)
Total, Heat, Light, and Power		$	29 520

Architectural Division

(Entire budget from charges to capital or operating appropriations on basis of work performed)

1. W. W. Vanderkolk, Associate Architect	H	$	(6 900)
2. Vernon Morris, Structural Engineer	H		(5 640)
3. H. C. Ray, Senior Architectural Draftsman	H		(5 400)
4. ————, Senior Architectural Draftsman	H		(3 900)
5. T. E. Galavan, Junior Architectural Draftsman	H		(3 780)
6. Dolores Oswald, Junior Clerk-Stenographer	H		(2 400)
Total, Architectural Division		$	(28 020)

[1] Paid from Physical Plant Labor.
[2] On leave of absence without pay for 1949-1950.

Telephone System Operation

(Entire budget from charges to departments)

1. Irene Smith, Chief Switchboard Operator	H	$ (3 000)
2. Mrs. Doris Nouzak, Junior Account Clerk	H50	(1 200)
(See Laundry)	H50	(1 200)
(Total Salary)		(2 400)
Total, Telephone System Operation		$ (4 200)

Laundry Operation

(Entire budget from charges to departments)

1. J. J. Volini, Laundry Manager	H	$ (5 040)
2. Mrs. Doris Nouzak, Junior Account Clerk	H50	(1 200)
(See Telephone Service Operations)	H50	(1 200)
(Total Salary)		(2 400)
3. Marie Kunz, Laundress Supervisor	H	(2 700)
Total, Laundry Operation		$ (8 940)

AUXILIARY ENTERPRISES

General Building — Illini Union

1. Margaret Johnson, Chicago Illini Union Manager	H20	$ 1 181
(See Food Service)	H20	(1 181)
(See Food Service Undergraduate Division)	H60	(3 542)
(Total Salary)		(5 904)[1]
2. Rita Fisher, Assistant to Chicago Illini Union Manager	H	3 000[1]
3. ————, Senior Account Clerk	H10	270
(See Food Service)	H10	(270)
(See Physical Plant, Administration)	H80	(2 160)
(Total Salary)		(2 700)
4. Dorothy Brown, Assistant Social Director	H	2 340[1]
5. Patricia McEniff, Junior Clerk-Typist	H	2 100[1]
Total, General Building		$ 8 891

Food Service

1. Margaret Johnson, Chicago Illini Union Manager	H20	$ 1 181
(See General Building)	H20	(1 181)
(See Undergraduate Division, Food Service)	H60	(3 542)
(Total Salary)		(5 904)[1]
2. Ruth I. Hilfman, Food Production Manager	H	3 684[1]
3. Helen H. Bowman, Food Production Manager	H	.....[2]
4. ————, Senior Account Clerk	H10	270
(See General Building)	H10	(270)
(See Physical Plant, Administration)	H80	(2 160)
(Total Salary)		(2 700)
5. Viola M. Lentz, Dining Room Supervisor	H	2 376[1]
Total, Food Service		$ 7 511

[1] With one meal a day while on duty, valued at $96 a year, furnished for the convenience of the employee.

[2] On leave of absence without pay until further notice; disability benefits payable by Retirement System.

CHICAGO UNDERGRADUATE DIVISION

ADMINISTRATION AND GENERAL

Office of the Dean

1. ————————, Senior Secretary	H	$	3 600
2. ————————, Senior Clerk-Stenographer	H		2 700
Total, Office of the Dean		$	6 300

Student Counseling Bureau

1. Jo Anne Curtis, Secretary	H	$	3 126
2. Mrs. Billie O'Connell, Secretary	H		3 126
3. Constance Catalano, Senior Clerk-Stenographer	H		2 780
4. Phyllis F. Schlung, Junior Clerk-Stenographer	H		2 220
Total, Student Counseling Bureau		$	11 252

Business Office

1. R. E. Porter, Assistant to the Business Manager	H	$	6 180
2. Leslie Taylor, Senior Accountant	H		3 900
3. Thomas Halstengard, Senior Purchasing Assistant	H		3 780
4. Mary J. Walsh, Supervising Clerk-Stenographer	H		3 060
5. Joaquin Pelayo, Receiving Clerk	H		2 880
6. Mrs. Marjorie Corty, Cashier	H		2 820
7. Mildred Knudson, Senior Account Clerk	H		2 760
8. G. E. Campbell, Stores Clerk	H		2 520
9. Mrs. Carol L. Budil, Junior Clerk-Stenographer	H		2 520
10. Audrey Berg, Junior Clerk-Stenographer	H		2 400
11. William Vogel, Storekeeper	H		(3 000)[1]
12. Eleanor Rust, Stores Clerk	H		(2 220)[1]
13. ————————, Supply Attendant	H		(2 100)[1]
Total, Business Office		$	32 820

Office of Admissions and Records

1. Kirker Smith, Assistant Examiner and Recorder	H	$	4 100
2. Elizabeth Taylor, Assistant Examiner and Recorder	H		4 100
3. Mrs. Jeannet Gage, Assistant Recorder	H		3 690
4. Eleanor F. Cooke, Secretary	H		3 128
5. Mrs. Gloria Coleman, Senior Clerk-Stenographer	H		2 490
6. Olivia Rodgers, Senior Clerk-Typist	H		2 388
7. Mrs. Bertha Parrish, Junior Clerk-Typist	H		2 340
8. Mrs. Genevieve Seles, Junior Clerk-Typist	H		2 280
9. Mary Ann Gavze, Junior Clerk-Typist	H		2 190
10. Mrs. Annette Cohen, Junior Clerk-Typist	H		2 160
11. Lois B. Hain, Junior Clerk-Typist	H		2 160
12. Barbara Blair, Junior Record Clerk	H		2 280
13. ————————, Junior Record Clerk	H		2 250
14. Mrs. Harriet Jackson, Junior Record Clerk	H		2 160
15. Mrs. Naomi Alexander, Senior Record Clerk (From Chicago Veterans Equipment Procurement)	H		(2 586)
Total, Office of Admissions and Records		$	37 716

Nonacademic Personnel

1. R. C. Marks, Personnel Officer	H	$	4 100
2. Sandra Copan, Personnel Assistant	H		3 000
3. Mrs. Betty S. De Furia, Visiting Nurse	H33		950
(See Chicago Professional Colleges)	H67		(1 900)
(Total Salary)			(2 850)

[1] Paid from Undergraduate Division General Stores.

STENOGRAPHIC SERVICE (Paid from Stenographic Service Operations)

4. Anne Weiskerger, Junior Office Appliance Operator	H		(2 220)
Total, Nonacademic Personnel			$ 8 050

Dean of Students

1. Mrs. Lillian C. Gardner, Senior Clerk-Stenographer	H	$	2 880
2. Aleta L. Owen, Junior Clerk-Stenographer	H		2 250
3. Mrs. Akiko Kurose, Junior Clerk-Stenographer	H		2 220
Total, Dean of Students		$	7 350

Health Service

1. Evelyn Wendt, Staff Nurse	H	$	2 730
2. W. H. Oestreich, Assistant to Health Officer	H		3 600
3. Mrs. Marguerite Lawson, Junior Clerk-Stenographer	H		2 400
Total, Health Service		$	8 730

Public Information

1. D. F. Herman, Assistant Manager	H	$	2 700
(From Athletic Association Student Activity Fee Fund)			(500)
(Total Salary)			(3 200)
2. Mrs. Cornelia Gifford, Editorial Assistant	H		2 600
(From Athletic Association Student Activity Fee Fund)			(100)
(Total Salary)			(2 700)
3. Ruth Olsen, Junior Clerk-Typist	H		2 100
Total, Public Information		$	7 400

LIBERAL ARTS AND SCIENCES

Administration

1. Mrs. Rosaleah H. Goland, Secretary	H	$	2 940
2. Santa Dimiceli, Junior Clerk-Stenographer	H		2 400
3. Blanche Hnetynka, Junior File Clerk	H		2 100
Total, Administration		$	7 440

Biological Sciences

1. Evelyn Lozkiewicz, Junior Clerk-Stenographer	H	$	2 310
Total, Biological Sciences		$	2 310

Humanities

1. Jeanne E. Anderson, Senior Clerk-Stenographer	H	$	2 580
2. ————, Junior Clerk-Stenographer	H		2 100
Total, Humanities		$	4 680

Mathematics

1. ————, Junior Clerk-Stenographer	H	$	2 100
Total, Mathematics		$	2 100

Physical Sciences

1. Mrs. E. Joan Friesel, Junior Clerk-Stenographer	H	$	2 280
2. T. R. Allen, Storekeeper	H		2 940
3. A. D. Tejada, Storekeeper	H		2 820
4. Frederick Gatto, Stores Clerk	H		2 340
Total, Physical Sciences		$	10 380

Social Sciences

1. Mrs. Sylvia V. Seder, Senior Clerk-Typist	H	$ 2 100
Total, Social Sciences		$ 2 100

ENGINEERING SCIENCES

Administration

1. Helen V. Strano, Secretary	H	$ 3 100
2. Mrs. Barbara Gabler, Senior Clerk-Stenographer	H	2 520
3. ————, Senior Clerk-Typist	H	2 340
4. Marguerite Aldrich, Junior Clerk-Typist	H	2 100
Total, Administration		$ 10 060

Architecture and Art

1. Mrs. Helen Harron, Senior Clerk-Typist	H	$ 2 340
Total, Architecture and Art		$ 2 340

General Engineering Drawing

1. Mary A. Jachimo, Junior Clerk-Stenographer	H	$ 2 310
Total, General Engineering Drawing		$ 2 310

Physics

1. D. C. Huebner, Storekeeper	H	$ 2 700
2. Mrs. Rose Turicchi, Junior Clerk-Stenographer	H	2 400
Total, Physics		$ 5 100

Shop Laboratories

1. E. M. Szukala, Senior Laboratory Mechanic	H	$ 3 400
2. G. W. Schulz, Tool Room Attendant	H	2 940
3. W. A. Wright, Junior Foundry Moulder	H	2 880
4. Marie Rane, Junior Clerk-Typist	H	2 160
Total, Shop Laboratories		$ 11 380

COMMERCE AND BUSINESS ADMINISTRATION

1. Vivian J. Moulden, Secretary	H	$ 3 240
2. Constance Long, Junior Clerk-Typist	H	2 040
Total, Commerce and Business Administration		$ 5 280

PHYSICAL EDUCATION

1. C. J. Oleszkiewicz, Chief Clerk	H	$ 2 750
2. C. A. Gallagher, Men's Locker Room Attendant	H	2 700
3. Letha J. Downs, Junior Clerk-Stenographer	H	2 100
4. Mrs. Charlye Williams, Women's Locker Room Attendant	H	2 240
5. ————, Junior Clerk	H	1 980
Total, Physical Education		$ 11 770

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Veterans Counselor

1. Mary Jane Huber, Junior Clerk-Typist	H	$ 2 100
Total, Veterans Counselor		$ 2 100

Veterans Benefits Administrator

1. Margery A. Grosch, Senior Clerk-Stenographer	H	$ 2 880
2. ————, Junior Clerk-Typist	H	2 040
3. Jean Martinson, Junior Clerk-Typist	H	2 040
Total, Veterans Benefits Administrator		$ 6 960

LIBRARY

1. Marguerite Fukami, Senior Record Clerk	H		$ 2 694
2. Mrs. Emilie F. McClellan, Senior Record Clerk	H		2 670
3. Mrs. Eugenia Posinski, Senior Record Clerk	H		2 340
4. Doris Flynn, Junior Record Clerk	H		2 400
5. Mrs. Rivian Chaikin, Junior Record Clerk	H		2 244
6. Mrs. Emma Zimberoff, Junior Record Clerk	H		2 208
7. Mrs. Emily M. Tighe, Junior Record Clerk	H		2 208
8. Mrs. Gladys Spargo, Junior Record Clerk	H		2 208
9. Nathalie Carroll, Junior Record Clerk	H		2 208
10. Magdeline Kalodimos, Junior Record Clerk	H		2 208
11. Gloria Lowenthal, Junior Record Clerk	H		2 130
12. Jean Lieber, Junior Record Clerk	H		2 100
13. Mrs. Ida Neiman, Junior Clerk	H		2 208
Total, Library			$ 29 826

PHYSICAL PLANT DEPARTMENT

Administration

1. G. J. Miller, Assistant Superintendent of Buildings and Grounds	H		$ 7 000
2. H. L. Mikolajczyk, Associate Architect	H33		1 980
(See Architecture and Art)	B67		(4 000)
(Total Salary)			(5 980)
3. J. T. Stalion, Assistant to Superintendent of Buildings and Grounds	H		4 500
4. Mary E. Mauk, Junior Accountant	H		3 600
5. Anna R. Sims, Senior Clerk-Stenographer	H		2 700
6. Mrs. Lois Crumb, Junior Office Appliance Operator	H		2 640
7. Mrs. Margurette Miler, Junior Payroll Clerk	H		2 580
8. Mrs. Dora H. Wrobel, Junior Clerk-Stenographer	H		2 520
9. ————, Junior Account Clerk	H		2 334
10. Anna M. Danno, Junior Clerk-Typist	H		2 220
11. Mrs. Jean Grevas, Junior Clerk-Stenographer	H		2 160
Total, Administration			$ 34 234

Building Operation

1. H. V. Crain, Assistant Superintendent of Operations	H		$ 4 380
2. Peter Hennip, Foreman	H		(3 540)[1]
3. C. A. Anderson, Foreman	H		(3 540)[1]
4. T. S. Ziebel, Crew Leader	H		(2 746)[1]
5. Walter Murphy, Crew Leader	H		(2 746)[1]
6. J. C. Ruff, Crew Leader	H		(2 746)[1]
7. Stanley Schoen, Crew Leader	H		(2 746)[1]
8. William Reynolds, Crew Leader	H		(2 746)[1]
Total, Building Operation			$ 4 380

Police and Watchmen

1. C. F. Schar, Superintendent of Fire Prevention and Safety	H		$ 5 100
(See Chicago Professional Colleges)			
2. P. T. McEnery, Police Captain	H		3 780
3. George Frost, Police First Lieutenant	H		3 360
Total, Police and Watchmen			$ 12 240

Building Maintenance

1. ————, Supervisor of Building Craftsmen	H		$ 5 520
2. N. R. Lohan, Routing Supervisor	H		3 300

[1] Paid from Physical Plant Labor.

3. G. H. Sandrock, Storekeeper	H		2 820
4. R. E. Jensen, Carpenter Foreman	H		(5 304)[1]
5. P. D. Miller, Plumber-Steamfitter Foreman	H		(5 304)[1]
6. H. G. Brunner, Electrician Foreman	H		(5 028)[1]
Total, Building Maintenance			$ 11 640

Heat, Light, and Power

1. B. M. Briggs, Chief Plant Operating Engineer	H		$ (6 120)[1]
Total, Heat, Light, and Power			$ (6 120)

Telephone and Information

1. Mrs. Jean H. Maury, Manager Public Information Office	H25		$ 1 110
(See Public Information)	GY75		(3 330)
(Total Salary)			(4 440)
2. Mrs. Anne Walker, Chief Switchboard Operator	H		2 700[2]
3. Mrs. Madelyn Cunat, Chief Switchboard Operator (Paid from Item 2)	H		(2 700)
4. Mrs. Adele Weber, Information Clerk	H		2 322
5. Mrs. Clara Kosirog, Junior Account Clerk	H		2 280
Total, Telephone and Information			$ 8 412

AUXILIARY ENTERPRISES

Food Service

1. Margaret Johnson, Chicago Illini Union Manager	H60		$ 3 542
(See Chicago Illini Union)	H40		(2 362)
(Total Salary)			(5 904)[3]
2. Mrs. Adeline Sladek, Assistant Food Service Manager	H		3 210[3]
3. Dorothy Deeken, Senior Account Clerk	H		2 820[3]
4. Mrs. Jean H. Petrie, Dining Room Supervisor	H		2 520[3]
5. Mrs. Ellen Leevy, Fountain Supervisor	H		2 490[3]
Total, Food Service			$ 14 582

University Bookstore

1. H. E. Summers, Manager	H		$ 5 400
2. E. E. Willis, Chief Clerk	H		3 360
3. Mrs. Ancilla O. Zafaras, Senior Account Clerk	H		3 000
4. John Robertson, Cashier	H		2 940
5. Frank Goetker, Storekeeper	H		2 880
6. Daniel Matteo, Storekeeper	H		2 760
7. Mrs. Dorothy Conlon, Assistant Cashier	H		2 520
8. Mrs. Violet Leithner, Junior Account Clerk	H		2 400
9. Mrs. Rhoda Johnson, Senior Clerk-Typist	H		2 400
10. ————, Senior Clerk-Stenographer	H		2 400
11. Mary J. Cameron, Stores Clerk	H		1 980
12. D. S. Kimura, Stores Clerk	H		1 980
13. W. J. Hudson, Supply Attendant	H		2 040
14. ————, Stores Clerk	H		1 890
Total, University Bookstore			$ 37 950

[1] Paid from Physical Plant Labor.
[2] On disability leave of absence without pay.
[3] With one meal a day while on duty, valued at $96 a year, furnished for the convenience of the employee.

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

September 29, 1949

The September meeting of the Board of Trustees of the University of Illinois was held on Thursday, September 29, 1949, at the Chicago Undergraduate Division, according to the following schedule:

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

2 p.m. — Open session.

When the Board convened, the following members were present: President Williamson, Mr. Fornof, Mr. Herrick, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins; Mr. Livingston and Dr. Meyer took their places with the Board during the forenoon.

President Stoddard was present; also Vice-President A. C. Ivy, Provost C. R. Griffith, Assistants to the President A. J. Janata and Wilbur Schramm, Secretary H. E. Cunningham, Comptroller Lloyd Morey, Assistant Comptroller H. O. Farber, Legal Counsel W. E. Britton, and, during part of the day, Dean C. C. Caveny and Director J. F. Wright.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of May 21 and June 25, 1949.

On motion of Mr. Nickell, the minutes were approved as printed on pages 357 to 488 above.

ACTIONS OF THE EXECUTIVE COMMITTEE

The Secretary reports for record that the Executive Committee has taken action on the following matters, on recommendation of the President's Office, since the July meeting of the Board.

Contract with Medical Center Commission

August 8 — "Resolution" and "Contract between the Board of Trustees of the University of Illinois and the Medical Center Commission" (see Appendix, page 865).

Clinical Faculty of the College of Medicine, 1949-1950

August 9 — Approved the appointment of the clinical faculty of the College of Medicine (see Appendix, page 866).

Sidewalk Surfacing in Housing Areas

August 10 — Award of contract for surfacing asphalt sidewalks and maintenance work on drainage ditches in temporary housing areas to Champaign Asphalt Company, the lowest bidder, $24,600.

Parking Lot at New Mechanical Engineering Building

August 10 — Award of contract for construction of parking lot at new Mechanical Engineering Building to Champaign Asphalt Company, the lowest bidder, $7,360.

Gravel Drive South of Physics Research Laboratory

August 10 — Award of contract for construction of a gravel drive south of the Physics Research Laboratory (Betatron) to Frank A. Somers Company, the lowest bidder, $2,415.

Improvements in Natural History Building

August 26 — Award of contracts for improvements in Natural History Building to provide space for the Department of Physiology to the lowest bidders, as follows: general work, E. N. DeAtley; electrical work, Potter Electric Company; plumbing and heating, Reliable Plumbing and Heating Company. The total cost estimated at not to exceed $11,000.

Selection of J. H. Wheat on Leverenz Claim

August 29 — Approval of appointment of Mr. James H. Wheat as the University's representative in arbitration requested by Leverenz Electric Company of its claim for additional compensation ($8,785.33) for wire and wages paid electricians in wiring floor trenches in the ground floor of the Electrical Engineering Building.

APPOINTMENTS TO THE FACULTY MADE BY THE PRESIDENT OF THE UNIVERSITY

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

1. JOHN R. BARRY, Assistant Professor of Psychology, beginning October 1, 1949, at an annual salary of $5,500.
2. ALFRED F. BORG, Assistant Professor of Bacteriology, beginning September 1, 1949, at an annual salary of $4,700.
3. ANN BROMLEY, Dean of Women in the Undergraduate Division in Chicago, beginning September 1, 1949, at an annual salary of $4,500.
4. GEORGE R. BRYAN, JR., Assistant Professor of Naval Science, beginning August 20, 1949, without salary.
5. PATRICIA J. COLLINS, Assistant Professor of Physical Education for Women, beginning September 1, 1949, at an annual salary of $4,000.

6. DWIGHT L. DEARDORFF, Associate Professor of Pharmacy, beginning September 1, 1949, at an annual salary of $6,500.

7. THELMA EATON, Associate Professor of Library Science, beginning September 1, 1949, at an annual salary of $5,000.

8. RICHARD M. FORBES, Associate Professor of Animal Nutrition, beginning September 15, 1949, at an annual salary of $6,000.

9. MARGARETTA FRISBEE, Assistant Professor of Social Welfare Administration and Extension Division, beginning September 1, 1949, at an annual salary of $5,000.

10. LAWRENCE E. GOODMAN, Research Assistant Professor of Civil Engineering, beginning September 1, 1949, at an annual salary of $4,800.

11. PAUL M. GREEN, Professor of Management, beginning September 1, 1949, at an annual salary of $8,000.

12. GABRIEL GUEVREKIAN, Professor of Architecture, beginning September 1, 1949, at an annual salary of $6,000.

13. VAUGHN D. HILDEBRANDT, Assistant Professor of Metallurgical Engineering, beginning September 1, 1949, at an annual salary of $4,200.

14. GLORIA L. J. HILKER, Assistant Professor of Hygiene, beginning September 1, 1949, at an annual salary of $3,500.

15. ROBERT B. HUDSON, Associate Professor of Journalism, beginning October 15, 1949, at an annual salary of $8,400.

16. HARRIET KOTT, Assistant Professor of Hygiene, beginning October 1, 1949, at an annual salary of $6,000.

17. MAURICE B. LINFORD, Professor of Plant Pathology, beginning September 1, 1949, at an annual salary of $8,000.

18. JACOB E. MOSIER, Assistant Professor of Veterinary Clinical Medicine, beginning September 1, 1949, at an annual salary of $5,750.

19. EDITH L. NAGEL, Assistant Professor of Social Welfare Administration, beginning September 1, 1949, at an annual salary of $4,800.

20. EARL V. OGLESBY, Assistant Professor of Naval Science, beginning August 20, 1949, without salary.

21. WESLEY OSTERBERG, Assistant Professor of Psychology, beginning September 1, 1949, at an annual salary of $4,600.

22. CHARLES A. REED, Assistant Professor of Zoology, beginning September 1, 1949, at an annual salary of $4,550.

23. CLAIRE L. RICHARDS, Assistant Professor of Music, beginning September 1, 1949, at an annual salary of $2,667.

24. A. S. ROUFFA, Assistant Professor of Biological Sciences, beginning September 1, 1949, at an annual salary of $4,500.

25. MARVIN C. STIPPES, Assistant Professor of Theoretical and Applied Mechanics, beginning September 1, 1949, at an annual salary of $4,800.

26. CLARENCE W. STONE, Assistant Professor of Library Science, beginning September 1, 1949, at an annual salary of $4,500.

27. R. F. TOPP, Assistant Professor of Education, beginning September 1, 1949, at an annual salary of $5,100.

28. PAUL TORDA, Associate Professor of Aeronautical Engineering, beginning September 1, 1949, at an annual salary of $5,500.

29. GEORGE J. WISCHNER, Assistant Professor of Speech and Psychology, beginning September 1, 1949, at an annual salary of $4,800.

30. E. M. WOODMAN, Assistant Professor of Education, beginning September 1, 1949, at an annual salary of $4,500.

31. RUDOLPH G. WUERKER, Assistant Professor of Mining Engineering, beginning September 1, 1949, at an annual salary of $4,800.

On motion of Mr. Herrick, these appointments were confirmed.

MATTERS PRESENTED BY PRESIDENT STODDARD

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

EXECUTIVE SESSION

DETERMINATION OF WAGE RATES TO BE SPECIFIED IN CONSTRUCTION CONTRACTS AT ROBERT ALLERTON PARK

(1) The Board of Trustees on July 28, 1949, appointed Professors E. W. Cleary, C. A. Moyer, and John B. Parrish as a committee to hear objections filed by representatives of organized labor to the University's determination of wage rates on construction work at Robert Allerton Park. The hearing began on September 14. Mr. Lester Asher, Associate of Mr. Daniel D. Carmell of Chicago, represented the objectors. Professor William E. Britton, Legal Counsel, represented the University.

The Legal Counsel reports that after disposition of preliminary matters Mr. Asher proposed a conference with University representatives. The latter agreed and the conferees then withdrew from the hearing room. The Legal Counsel further reports as follows:

"At this conference Mr. Asher proposed, as a possible means of disposing of the present litigation by agreement, that the objectors would be willing to withdraw their objections to the University's determination of wage rates for the present construction work at Allerton Park and that in all respects the issues raised thereby be regarded as closed if the University and the objectors found it possible to agree upon some procedure for the determination of wage rates applicable to future construction work at Allerton Park.

"University representatives agreed to canvass possibilities. Mr. Asher then proposed that for future construction work at Allerton Park the University designate the State Department of Labor as its agency to conduct the investigation required by the Prevailing Wage Act with power to make findings of fact and determinations of wage rates.

"University representatives then withdrew from the conference with Mr. Asher and conferred on his proposal. We agreed among ourselves: (1) that the suggested conclusion of the matter was of such a nature that it could not be summarily rejected; (2) that we would agree with Mr. Asher to concur in the proposed termination of the proceeding upon condition that it be modified as follows: that instead of using the State Department of Labor alone, there be appointed a committee composed of (a) the Director of the State Department of Labor, or a person designated by him, (b) a member appointed by the President of the University of Illinois, and (c) a member appointed by the State Federation of Labor, to conduct investigations of wage rates in Piatt County in connection with future construction work on the Allerton trust properties of the University in accordance with the Prevailing Wage Act and to report to the President of the University and to the Board of Trustees that they were not able to ascertain any prevailing wages, or if ascertainable, to report with respect to prevailing rates of wages involved in such construction work in that locality; and (3) it was further agreed that Mr. Asher, as the attorney acting for the objectors, would write a letter to the University stating that the claim of the objectors that labor unions in Champaign County had the right to determine wage rates in Piatt County for purposes of the Prevailing Wage Act was not in accordance with the Statute.

"University representatives then called Mr. Asher and presented their counter proposal. Mr. Asher then conferred with his clients alone and on his return to the conference with University representatives accepted the counter proposal. The University and the objectors then joined in a motion for continuance of the Hearing. The Hearing Committee allowed the motion and fixed October 17 as the adjourned date for reopening the Hearing."

The Legal Counsel, the Director of Nonacademic Personnel, and the Director of Robert Allerton Park recommend adoption of the following procedure as an instrument of settlement of future questions on rates of wages in Piatt County on the understanding that the pending hearing is dismissed by the objectors.

It is recommended that there be appointed a fact-finding committee composed of (a) a member appointed by the Illinois State Federation of Labor, (b) a member appointed by the President of the University of Illinois, and

(c) a citizen of Piatt County to be selected by the other two, to conduct investigations of wage rates in Piatt County in connection with construction work on the Allerton trust properties of the University in accordance with the Prevailing Wage Act and to report to the President of the University and to the Board of Trustees that they were not able to ascertain any prevailing wages, or, if ascertainable, to report with respect to prevailing rates of wages involved in such construction work in that locality.

I concur in this recommendation.

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

REQUEST OF BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY

(2) A request on behalf of the Board of Trustees of Southern Illinois University for a joint meeting with the Board of Trustees of the University of Illinois for the purpose of discussing the common aims and problems of the two institutions has been presented by the President of Southern Illinois University. It is also suggested that there be a preliminary meeting of the officials of the two institutions to prepare an agenda and determine what matters should receive consideration by the two Boards.

This matter was referred to the President of the University for further study.

CHANGES IN ADMINISTRATION OF RADIO STATIONS

(3) Sometime ago Mr. Josef F. Wright, Director of Public Information, Director of Radio Stations WILL and WIUC-FM, and Associate Professor of Journalism, asked to be relieved of his duties as Director of the Radio Stations so that he might devote all of his time to his responsibilities as Director of Public Information which, in a university of this size, should be a full-time position. However, he was willing to continue until a suitable man could be found not only to replace him as Director of the Radio Stations but also to coordinate all radio activities of the University.

I have recently approved the appointment of Robert B. Hudson, presently Director of Education of the Columbia Broadcasting System (CBS), to the position of Associate Professor in the School of Journalism and Director of University Broadcasting in the Institute of Communications, effective October 15, 1949.

I recommend that Mr. Wright be relieved of his duties as Director of the Radio Stations, effective October 15, and that he be appointed full-time Director of Public Information and Associate Professor in the School of Journalism, without any change in salary. I recommend further that Frank E. Schooley, presently Assistant Director of the Radio Stations, Assistant Director of Public Information, and Assistant Professor of Journalism be appointed Manager of Radio Stations WILL and WIUC-FM and Assistant Professor of Journalism without any change in salary. The Station Manager will be under the direction of the Director of University Broadcasting.

On motion of Mr. Herrick, these recommendations were adopted, and the President of the University was requested to express the Board's appreciation of Director Wright's thirty years of faithful and constructive service (see Appendix, page 881).

UNIVERSITY PRESS AUTHORS' CONTRACTS

(4) The Director of the University Press recommends that the Press be authorized to enter into contracts with authors of books it intends to publish and that the corporate officers of the Board of Trustees be authorized to execute such contracts on approval in each case by the President of the University.

The basic form of the proposed contract has been approved by the Legal Counsel and Comptroller, and incorporates suggestions arising out of the experiences of many other presses. Briefly summarized, the provisions of the contract are as follows:

1. The author guarantees that his manuscript is original, free of copyright by someone else, and not libelous. He promises to deliver the manuscript by a certain time and in proper condition for publication. There are detailed provisions for the handling of revisions and proofs, and for the assessment of costs for illustrations, cuts, retyping, and other expenses of preparation.

2. The publisher (i.e., the University) has the right to reject the manuscript or to require or to make revisions in the manuscript. The accepted and revised manuscript must be published within a certain time, or the contract terminates. The degree of responsibility of the publisher for care of the manuscript, when it is in his possession, is defined; and so also is the responsibility for taking out and renewing copyright, and for the procedure to be followed in case a new edition is required or the book is allowed to go out of print.

3. The author will be paid no royalties on the first 1,000 copies sold. After 1,000 copies have been sold, a royalty of 15 per cent of net will be paid, until 10,000 are sold, after which the royalty will be 25 per cent of net.

4. There are detailed provisions for the handling of secondary rights to the manuscript. If the Press grants right of reprint to another U. S. publisher or a book club, to an anthology or a digest, the proceeds are to be divided equally between author and publisher. If the Press sells foreign, translation, serial, dramatic, motion picture, radio, or television rights, the author is to receive two-thirds of the proceeds, the Press one-third.

In any given contract, of course, there may be slight deviation from the basic provisions. For example, no royalty will be paid staff members of the Press who publish books with the Press. In the case of some very expensive books, it may be desirable to begin royalty payments after 2,000 or 3,000 copies, rather than 1,000. In the case of one international book the Press hopes to publish, it may be necessary to assign foreign rights. Any such deviation will be submitted to the President of the University for approval.

I concur.

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

REPORT OF THE COMMITTEE ON AGRICULTURE ON SALE OF COOK COUNTY AGRICULTURAL EXPERIMENT STATION

(5) At its meeting on July 28 the Board of Trustees referred to its Committee on Agriculture a recommendation that the Cook County Agricultural Experiment Station south of Des Plaines, Illinois, be sold. The committee was authorized to investigate this proposal, to employ a competent appraiser to determine the market value of the property, to employ a real estate broker to negotiate with prospective purchasers, and to report to the Board.

The committee engaged Messrs. Allan Kirkwood, Suite 1125, 134 S. LaSalle Street, Chicago; H. M. Cornell, 464 Northwest Highway, Des Plaines; and Richard J. Leyden, Suite 863, 38 South Dearborn, Chicago as appraisers. Their certificate of appraisal is submitted herewith and the original signed copy is hereby given to the Secretary of the Board for record. Accompanying the certificate of appraisal is a statement of the qualifications of each of these gentlemen as real estate experts.

Your Committee recommends that the land be sold and reports that it has employed Richard J. Leyden, one of the appraisers, as broker to negotiate with prospective purchasers and report through the Committee to the Board.

The Committee has authorized the Business Office to pay each of these appraisers $75 (total $225) for their services. This is the minimum standard fee specified by the Cook County Real Estate Board for such work.

Respectfully submitted.

COMMITTEE ON AGRICULTURE
KARL A. MEYER
WIRT HERRICK
WALTER W. MCLAUGHLIN, *Chairman*

On motion of Mr. Nickell, this report was adopted and the employment of Mr. Leyden was confirmed.

APPROPRIATIONS FOR PURCHASE OF FORESTRY AREA

(6) The University has an opportunity to acquire a tract of 63.5 acres of timber land which is the only virgin forest left in the prairie states. It is a natural area representing an orginal and essentially undisturbed example of a prairie border forest. This land, known as the Isaac Funk Timber Tract, is north of McLean in McLean County. It would be a living museum of natural history and a resource for biological scientists. If the area is not acquired by the University or some other agency soon, the trees will be sold for timber.

It will take $25,000 to acquire this land. Several members of the Funk Family have agreed to contribute up to $15,000. The University of Illinois Foundation is considering an assignment of $5,000 from Foundation funds. If $20,000 can be secured from these donors, I would recommend that the University put in $5,000. The University would have complete title to this property.

I recommend that the Board of Trustees authorize the acquisition of this land and the assignment of $5,000 as the University's share of the purchase price, contingent upon donations of $20,000 from other sources.

Mr. Livingston took his place with the Board during the presentation of this matter.

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

CONTRACT WITH VETERANS ADMINISTRATION FOR STEAM SERVICE

(7) The contract with the Medical Center Steam Company to supply the University with steam from a central plant at the Chicago Professional Campus authorizes the University to furnish steam not required for its own use to any governmental agency, charitable institution, or other institution located in the Medical Center District under such conditions as may be agreed to by the University and such agency or institution.

The Veterans Administration, which plans to build a large hospital at Polk and Damon Streets, desires to contract for steam from this plant at a price which will reimburse the University for the cost of producing the steam and for the additional capital outlay required to increase capacity and distribution facilities, amortized over a period of thirty years. Increases or decreases in the costs of labor, fuel, applicable taxes, or compliance with governmental regulations shall be reflected by changes in the basic rate.

The contract would be to June 30 following establishment of service and would continue, subject to (a) availability of federal appropriations, (b) cancellation at the end of any year on sixty days notice by either party, and cancellation if the Veterans Administration closes the activity for which steam is being purchased. Provision would be made for mutual adjustment of the balance due the University for the unamortized portion of the capital investment in the event of termination of the contract.

I recommend adoption of the following resolution authorizing a contract with the Veterans Administration which will include the provisions specified by University officers as indicated above:

RESOLUTION

Whereas, The Board of Trustees of the University of Illinois, at its regular meeting held on May 21, 1949, approved a program whereby the Medical Center Steam Company will provide central steam service to the University and to other institutions in the Medical Center District, Chicago, Illinois, and

Whereas, such program anticipated the making of such contracts between the University and other users as may be feasible and desirable, and

Whereas, it is deemed to be feasible and desirable that the University execute a contract with the United States of America represented by the Chief, Procurement Division, Supply Service, Veterans Administration, for the furnish-

ing of steam to the Veterans Administration Hospital in the Medical Center District, all in accordance with the program heretofore approved as aforesaid,

Now, therefore, be it resolved, that the Board of Trustees of the University of Illinois hereby approve the proposed contract with the United States of America represented by the Chief, Procurement Division, Supply Service, Veterans Administration, providing for the furnishing of steam to the Veterans Administration Hospital in the Medical Center District, Chicago, Illinois, and the Comptroller and the Secretary of this Board be and they hereby are authorized, empowered, and directed, in the name and on behalf of this Board, to execute and deliver such contract.

Dr. Meyer took his place with the Board during the presentation of this matter.

The Comptroller discussed the provisions of this contract (see Appendix, page 882).

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

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

Mr. Fornof reported the receipt of letters from representatives of management in Rockford with respect to the policies and program of the Institute of Labor and Industrial Relations.

After discussion, President Williamson requested the Committee on General Policy to attend the next meeting of the Advisory Committee of the Institute, and all members of the Board to attend if possible.

CASE OF VIRGINIA KENNY vs. THE BOARD OF TRUSTEES

Doctor Meyer inquired about the status of the Virginia Kenny litigation, a mandamus proceeding in which Miss Kenny, Medical Social Worker in the Social Service Department of the Research and Educational Hospitals, seeks to be restored to the position of Head of the Social Service Department.

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

OPEN SESSION

When the Board convened in open session after luncheon and inspection of the facilities at the Pier, the same members and officers were present as during the morning session.

MATTERS PRESENTED BY PRESIDENT STODDARD

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

STAFF AND PROGRAMS FOR 1949-1950

(1) The Provost has prepared a report on important additions to the staff and the educational programs for 1949-1950 (see Appendix, page 885).

The Provost presented this matter.

This statement was received for record.

BOND ISSUE FOR SMALL HOMES COUNCIL HOUSING RESEARCH PROJECT

(2) The Executive Committee on March 29, 1949, in approving the Small Homes Council Housing Research Project, authorized the Comptroller to secure offers on funds to be borrowed ($175,000 out of a total of $500,000) for submittal through the Finance Committee to the Board. Bids on a revenue bond issue were received as of September 12, 1949 (schedule of bids received and circular inviting same are attached). The low bid is by John Nuveen & Company, 135 South LaSalle Street, Chicago, for an average interest rate of 2.724 per cent, the bonds to be sold to them at par plus a premium of $40. The bonds are dated October 1, 1949, and delivery is to be made on or about that date. Interest rates and maturities are:

$4,000 — Oct. 1, 1950 2½%	$9,000 — Oct. 1, 1960 2¾%
6,000 — Oct. 1, 1951 2½%	9,000 — Oct. 1, 1961 2¾%
6,000 — Oct. 1, 1952 2½%	9,000 — Oct. 1, 1962 2¾%
7,000 — Oct. 1, 1953 2½%	10,000 — Oct. 1, 1963 2¾%
7,000 — Oct. 1, 1954 2½%	10,000 — Oct. 1, 1964 2¾%
8,000 — Oct. 1, 1955 2½%	10,000 — Oct. 1, 1965 2¾%
8,000 — Oct. 1, 1956 2½%	10,000 — Oct. 1, 1966 2¾%
8,000 — Oct. 1, 1957 2¾%	10,000 — Oct. 1, 1967 2¾%
8,000 — Oct. 1, 1958 2¾%	10,000 — Oct. 1, 1968 2¾%
8,000 — Oct. 1, 1959 2¾%	18,000 — Oct. 1, 1969 2¾%

The Finance Committee has reviewed the bids and recommends the sale of the bonds to the low bidder, John Nuveen & Company. This firm has requested that the Marine National Exchange Bank of Milwaukee be named the paying agent. The Finance Committee has approved that request.

A resolution for adoption by the Board has been prepared by Chapman and Cutler and is presented herewith for approval (see Appendix, page 886).

The Comptroller commented on this matter.

After discussion, and on motion of Mr. Fornof, this sale of bonds was authorized and the resolution was adopted as recommended by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Mrs. Holt, Mr. Stevenson.

President Williamson designated Mr. Livingston and Mrs. Watkins as representatives of the Board to sign the bonds with him.

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

(3) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded the following who have made applications therefor under Section 5 of the Accountancy Act of 1943 and who have submitted evidence that they are holders of valid and unrevoked certificates of certified public accountants obtained in other states by passing the regular written examinations. They have also met the other requirements specified in Section 5 of the Act.

Abe A. Alk (Wis.)
Mary Noel Barron (Ky.)
George Hannaman Brewer (Ind.)
James Lloyd Fox (Mo.)
Paul Joseph Fritch (Colo.)
William Thomas Hazelton (N.Y.)
Alvah Orvis LaBertaux (Ind.)
Jacob Kay Lasser (N.J.)
Carlos Edgar Milner (Ohio)
Gaile McClure Parent (Me.)
Weston Rankin (N.Y.)
Ernest Warren Reed (Tex.)
Cecil Louis Richardson (Mo.)
Walter Fletcher Scott (Mo.)
George Webster Wallace (Ohio)

I concur.

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

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(4) The Committee on Accountancy recommends the appointment of Mr. William Charles Waggoner, of the firm of Touche, Niven, Bailey, and Smart, Chicago, as a member of the Board of Examiners in Accountancy, for a three-year term beginning July 1, 1949, to succeed Mr. Charles R. Miller, whose term of office expired June 30, 1949.

I concur in the recommendation.

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

LEAVE OF ABSENCE FOR DEAN MIRIAM A. SHELDEN

(5) Miss Miriam A. Shelden, Dean of Women, who is an officer in the Women's Reserve of the United States Navy, has been requested to return to active service for an indefinite period of time. I have authorized a leave of absence, without pay, from August 1 to November 1, 1949, and request confirmation of this action with authorization to extend this leave if the Navy requests her to continue in active service for a longer period.

On motion of Mrs. Watkins, this leave was confirmed, and the President of the University was authorized to make extensions if necessary.

ADVISORY COMMITTEE FOR COLLEGE OF VETERINARY MEDICINE

(6) The Dean of the College of Veterinary Medicine recommends the appointment of the following to the Advisory Committee of that College for the academic year 1949-1950:

C. E. DILLE, Cairo
WAYNE DINSMORE, Chicago
C. E. FIDLER, Lewistown
C. C. HASTINGS, Williamsville
G. W. JENSEN, Williamsville
ARMAND A. LEGNER, Sandwich
OSCAR LINN, Canton
R. V. MCKEE, Varna
P. J. MEGINNIS, Cicero
D. E. SISK, Mansfield
H. P. WESSELS, Geneva

I concur and recommend that they also be appointed or reappointed to the Citizens Committee of the University of Illinois in accordance with the practice of including all college advisory committees in the membership of the general committee.

Doctor Legner is a new appointee. The others have been on the Committee before. Doctors C. R. Collins, Dixon, and George B. McKillip, Chicago, who were on the Committee last year, are not being reappointed in accordance with the practice of making gradual changes in the personnel of this Committee.

On motion of Mr. Nickell, this committee was appointed as recommended.

EXCHANGE OF PROFESSORS

(7) The Head of the Department of German requests authorization of the exchange of Professor J. Theodore Geissendoerfer of the University of Illinois with Professor Gilbert Waterhouse of Queens University, Belfast, Ireland. Tentatively the first semester of the academic year 1950-1951 has been selected for this exchange.

I recommend approval and authorization to set up the terms of this exchange and other details, including a change in the period involved if this be deemed advisable upon further negotiations.

Professor Geissendoerfer has been granted sabbatical leave for the second semester 1949-1950 which he is planning to spend in study and research in Europe. If this exchange arrangement goes through, he will remain abroad and serve on the faculty of Queens University while his replacement, Professor Waterhouse, is teaching at the University of Illinois.

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

CHANGES IN REGULATIONS FOR ADMINISTRATION OF GENERAL ASSEMBLY SCHOLARSHIPS

(8) Under an act of the General Assembly of Illinois, passed in 1905, each member of the General Assembly has the privilege of nominating annually one resident of his district for a scholarship in the University which exempts the holder from the payment of tuition fees. For the purpose of carrying out its responsibilities under the law, and for the guidance of the administrative officers concerned, the Board of Trustees of the University has from time to time adopted regulations governing the administration of General Assembly scholarships.

The 66th General Assembly amended the scholarship law to provide that the failure of a member to make a nomination for a scholarship in any year will not cause that scholarship to lapse, but the member may make a nomination for such scholarship at any time before the expiration of his term. This amendment necessitates a change in the regulations governing General Assembly scholarships as heretofore approved by the Board of Trustees. I therefore recommend the following changes:

Present Regulations	*Proposed New Regulations*
I. Appointments to Scholarships	I. Appointments to Scholarships
1. The original nomination of a candidate to a new four-year scholarship must be filed with the President of the University on or before the opening day of the fall semester or term of the University year in which the candidate expects to enter the University and the President is forbidden by the Statute to accept an original nomination after this date. (This is interpreted to mean within the first ten (10) days of the semester.)	1. Each member of the General Assembly may award one four-year scholarship each year. Such scholarships shall become effective at the beginning of the semester or term following the date of appointment. Original appointments for scholarships which accrue to a member in any elected term may be deferred to a later date, but must be made prior to the expiration of that term. An original nomination so deferred shall become effective at the beginning of the semester or term following such nomination and shall continue for four years thereafter. A scholarship shall lapse if the member fails to make a nomination prior to the expiration of the term for which he was elected. (A nomination made during the first half of the semester will become effective as of the beginning of that semester.)
2. In case the first nominee fails to accept the appointment or, not being a graduate of an accredited school, fails to pass the required examinations for admission, the member who made the original appointment may nominate another student from his district to such scholarship.	2. (No change required in this portion.)
3. A nomination to fill a vacant scholarship or transfer an unused portion of a scholarship shall be effective as of the opening of the semester or term of the University during which it is made, provided such nomination is filed with the University during the first half of	3. (No change required in this portion.)

Present Regulations (Cont.)	*Proposed New Regulations* (Cont.)
such semester or term, but if it is filed during the second half of the semester or term, it shall not become effective until the opening of the next following semester or term.	
4. (A scholarship becomes vacant either (1) through failure of the holder to register, or (2) through written statement signed by him relinquishing his rights to the scholarship. See full statement under "registration" below.)	4. (No change required in this portion.)
5. If a member desires to select his nominee on the basis of competition he may require the applicants to write the scholarship examination held in the office of each County Superintendent of Schools on the first Saturday of June as provided in Section 30—7. Candidates should notify the County Superintendent of their intention to write at least ten days in advance of the date of the examination. They will be subject to the University regulations with respect to the conduct of such examinations.	5. (No change required in this portion.)
II. Qualifications of Candidates	II. Qualifications of Candidates
1. To qualify for appointment under this Act, a candidate must be— (1) At least 16 years old. (2) A graduate of a high school or other secondary school accredited by the University of Illinois and must present fifteen units of high school work in acceptable subjects including certain prescribed subjects. A candidate who is not a graduate of an accredited high school may qualify for appointment to a scholarship by passing entrance examinations and thus qualify for admission to the University. (3) A legal resident of the State and of the district represented by the member who makes the nomination. (See interpretation of "residence" below.)	1. (No change required in this portion.)
III. Registration	III. Registration
1. Having satisfied the entrance requirements, the new appointee to a four-year scholarship or to the unused portion of a scholarship must register in the University not later than twenty (20) days after the opening date of the semester or term when the scholarship first becomes effective. If the appointee fails to so register he forfeits the scholarship unless he is unable to	1. (No change required in this portion.)

Present Regulations (Cont.)	*Proposed New Regulations* (Cont.)
register because of military or naval service.	
2. Failure of a scholarship holder to register in the University not later than twenty (20) days after the beginning of the fall or winter semester will constitute a release (forfeiture) of the scholarship. The member who made the original appointment, if he is still a member of the General Assembly, may transfer the scholarship to some other student in his district. A scholarship held by a person who has been granted a leave of absence under the law to earn money to continue his education may be transferred only when released in writing by the present holder; and such a scholarship held by one who is absent for military or naval service is not forfeited by failure to register or by a discontinuance of his course, and may be transferred only when released in writing by the present holder, or when proof of death is presented by affidavit of some competent person.	2. Failure of a scholarship holder to register in the University not later than (20) days after the beginning of the fall or winter semester will constitute a release (forfeiture) of the scholarship. *A scholarship that is released or forfeited may be transferred to some other student from the district as indicated in Section 30—11 of the law.* A scholarship held by a person who has been granted a leave of absence under the law to earn money to continue his education may be transferred only when released in writing by the present holder; and such a scholarship held by one who is absent for military or naval service is not forfeited by failure to register or by a discontinuance of his course, and may be transferred only when released in writing by the present holder, or when proof of death is presented by affidavit of some competent person.

On motion of Mr. Nickell, these regulations were amended as recommended.

CONTRACT FOR LEASE OF EDUCATIONAL FILMS

(9) The Dean of the Division of University Extension recommends that the University enter into a contract with United World Films of America, New York City, for the leasing and acquisition of a series of films on "The Earth and Its Peoples." The films have been produced for the teaching of geography in grade and high schools. The collection consists of 121 prints of 35 titles. The lease provides for the payment of $35 per print upon receipt of the films, $35 per print 12 months after delivery, and $35 per print 24 months after delivery, a total payment of $105 per print. Upon conclusion of the lease, the films will become the property of the University. The lease may be terminated at the end of a year upon 30 days' notice.

The films will be used by the Audio-Visual Aids Service for rental to schools at a rate of $3 for the first day and $.50 for each additional day. During the period of the lease United World Films will pay the University $5.50 per booking which United World Films arranges with schools to introduce the films. United will not charge schools for this. The University will service all bookings in Illinois except in the City of Chicago. "Junior Scholastic," a monthly school magazine, will have an article on these films in each issue during the school year 1949-1950.

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

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

CONTRACT FOR REMODELING HOUSE AT UNIVERSITY OF ILLINOIS AIRPORT

(10) On July 22, 1948 (Minutes, pages 23-24), the Board of Trustees authorized a contract with J. C. Scott, Tolono, for remodeling a house at the University of Illinois Airport to provide living quarters for two members of the staff of the Institute of Aviation whose services require them to live near the Airport. The contract was on a cost plus 10 per cent basis at an estimated total of $8,500.

It is very difficult to estimate the cost of remodeling jobs accurately because unforeseeable construction conditions are frequently encountered. That was true in this case and a great deal of additional work had to be done which was not originally contemplated. The audited cost is $16,802.43. There is no question that the costs were incurred and with the approval of the University representative in charge. Through an oversight and misunderstanding of the original action of the Board, the Institute of Aviation did not report an increase in the estimate until the work had been completed. The Director of the Institute of Aviation and the Comptroller request approval of the increased estimate and authority to pay the contractor the full amount of cost incurred and audited, subject to the usual filing of waivers of liens.

Because the remodeling has resulted in a higher standard house than was originally contemplated, the scale of rentals is somewhat higher and the expenditure will be recovered through income from rentals in a period of approximately seventeen years.

I concur in the recommendations of the Director and the Comptroller.

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

CONTRACT FOR PAINTING OF PIPING

(11) The Director of the Physical Plant Department and the Comptroller recommend award of a contract for $9,850 to J. Bernard Mullen, of Chicago, the lowest bidder, for painting of piping in connection with the installation of laboratory equipment in the East Chemistry Building.

Funds are available in the State appropriation for "Acquisition and installation of Chemistry Building equipment."

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

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

AWARD OF CONTRACT FOR REMODELING IN LINCOLN HALL

(12) On July 28, 1949, the Board of Trustees approved an appropriation for remodeling and equipping certain rooms in Lincoln Hall for the language departments.

The Director of the Physical Plant Department and the Comptroller recommend the award of a contract to C. A. Petry, the lowest bidder, in the amount of $8,157.

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

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

RELEASES OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

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

Release No. 1

"Acquisition and Installation of Chemistry Building Equipment.....$330,000"

Release No. 2

"For Equipment for Buildings at Urbana-Champaign and Chicago.....$ 50,000"

This is a partial release of an appropriation of $680,000. The funds so released may be used by the University for the acquisition and installation of Chemistry Building equipment, the amount appropriated for this specific purpose having proved insufficient to complete the project, and are supplementary to release No. 1.

Release No. 3

"For Contingencies to Cover Expenditures for Purposes for which the Amount Appropriated in any Item Above Enumerated is, or becomes, Insufficient.....$ 20,000"

This is a partial release from an appropriation of $550,000, and the $20,000

released is to supplement releases Nos. 1 and 2 for the acquisition and installation of Chemistry Building equipment.

Release No. 4

"For Permanent Improvements at Urbana-Champaign Acquisition through Construction or Purchase of Student and Staff Housing..$190,000"

Release No. 5

"For Contingencies to Cover Expenditures for Purposes for which the Amount Appropriated in any Item Above Enumerated is, or becomes, Insufficient.....$ 10,000"

This is a partial release from an appropriation of $550,000 and is to supplement the housing funds in release No. 4.

Release No. 6

"For Permanent Improvements at Urbana-Champaign Additions to Power and Heating Plant and Remodeling of Existing Buildings..$ 85,000"

This is a partial release from an appropriation of $1,215,000 and the $85,000 so released is for architectural and engineering services for additions to power and heating plant and remodeling of existing buildings at Urbana-Champaign.

Release No. 7

"For Permanent Improvements at Urbana-Champaign Construction of Veterinary Science Unit.....$ 40,000"

This is a partial release from an appropriation of $1,560,000 and the $40,000 so released is for architectural and engineering services on the Veterinary Science Building.

Release No. 8

"For Permanent Improvements at Chicago Construction of Addition to Present Hospital.....$246,000"

This is a partial release from a total appropriation of $7,395,000 and the $246,000 is to be used for architectural and engineering services on the construction of an addition to the present hospital at Chicago.

Release No. 9

"For Permanent Improvements at Urbana-Champaign Construction of Agricultural Structures and Remodeling Present Agricultural Buildings.....$ 20,000"

This is a partial release from an appropriation of $290,000 and the $20,000 so released is for architectural and engineering services on the construction of agricultural structures and remodeling present agricultural buildings.

Release No. 10

"For Permanent Improvements at Chicago Construction of Utility Distribution System and Remodeling of Existing Buildings.....$ 13,000"

This is a partial release from an appropriation of $190,000 and the $13,000 so released is for architectural and engineering services on the construction of Utilities Distribution System and remodeling of existing buildings at Chicago.

Release No. 11

"For Permanent Improvements at Urbana-Champaign Construction of Animal Science Laboratory.....$ 62,500"

This is a partial release from an appropriation of $2,160,000 and the $62,500 so released is for architectural and engineering services on the construction of the Animal Science Laboratory at Urbana-Champaign.

Release No. 12

"For Permanent Improvements at Urbana-Champaign Construction of Extension to the Utility Distribution Systems.....$ 40,000"

This is a partial release from an appropriation of $375,000 and the $40,000

so released is for architectural and engineering services on the construction of extension to the utilities distribution systems at Urbana-Champaign.

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

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

APPROPRIATION FROM AGRICULTURAL INCOME

(14) The Dean of the College of Agriculture recommends an appropriation of $2,000 from the accumulated surplus in agricultural income for the improvement of feed lots in the beef cattle feeding shed area. The work will consist of grading three feed lots and concreting another. The improvement is needed to provide a cattle feed lot which will be used in studies of controlled feeding on individual animals. Funds are available.

I concur.

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

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(15) The Committee on Nonrecurring Appropriations recommends assignments from funds set aside in the budget for 1949-1950 for nonrecurring expenditures as follows:

At the Chicago Professional Colleges	
1. Air-conditioning equipment for Animal Hospital	$ 1 500
2. Equipment for Office of Director of Student Affairs	600
3. Improved laboratory facilities for College of Pharmacy	500
4. Remodeling in Dark Room — Radiology Department	1 275
5. Display cases for Obstetrics and Gynecology Department	845
6. Fluorescent lights for Dermatology Department	1 200
7. Remodeling in Division of Toxicology	520
8. Repairing and relocation of student lockers for Physical Plant Department	995
Total, Chicago Professional Colleges	$ 7 435
At Urbana-Champaign	
9. Remodeling 601 East John Street for Speech Department	$13 470
10. Remodeling in Vivarium	15 500
11. Remodeling and equipment in Natural History Building	17 000
12. Remodeling 1110 West Illinois Street for College of Fine and Applied Arts	11 500
13. Equipment for Radio Station WILL recording service	3 515
14. Robert Allerton Park remodeling and equipment	6 300
15. Building changes required for relocation of statistical service in Arcade Building	3 700
16. Acoustical treatment of Band Building	1 800
Total, Urbana-Champaign	$72 785
Total, Chicago Professional and Urbana-Champaign	$80 220

I concur with the recommendation that the appropriations for the Chicago Professional Colleges (total, $7,435) be charged against the "Chicago Nonrecurring Reserve" and the appropriations for Urbana-Champaign (total, $72,785) be charged against "Reserve for Nonrecurring Purposes."

Requests for these assignments of funds have been carefully studied by the Chicago Professional Colleges and the Urbana-Champaign Committees on Non-

recurring Appropriations. Reports of these committees, giving details on each item, are submitted herewith.

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

EXCHANGE OF GOVERNMENT SECURITIES

(16) The 2 per cent Treasury Bonds held in connection with the trust fund under the Navy Pier lease mature on September 15, 1949. The United States Government offered in exchange for these bonds 1⅛ per cent Certificates of Indebtedness due September 15, 1950, with the provision that subscriptions for these new securities must be entered by September 3.

Under the authorization of the Finance Committee of the Board of Trustees, and on recommendation of the First National Bank of Chicago, this exchange was authorized and is now reported to the Board of Trustees.

This report was received for record.

INVESTMENTS

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

ENDOWMENT FUNDS

Purchases:

$7,000 American Telephone and Telegraph Company 3⅜% debentures, due 1973 ..... $7 518 44

$2,000 B. F. Goodrich Company First Mortgage Bonds, 2¾%, due 1965 ..... 2 045 28

Sale:

Houston Lighting and Power Company, 250 rights 246 87

STUDENT LOAN FUNDS

Exchange:

$50,000 U.S.A. Certificates of Indebtedness, 1⅛%, due July 1, 1949, for $50,000 U.S.A. Certificates of Indebtedness, 1¼%, due July 1, 1950.

This report was received for record.

PURCHASES

(18) The Director of Purchases has proposed, the Comptroller has recommended, and the President has authorized emergency purchases listed under A in the Appendix (page 900). The Director of Purchases proposes and the Comptroller recommends purchases listed under B in the Appendix (page 901).

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

CONTRACTS EXECUTED BY COMPTROLLER

(19) The Comptroller's report of contracts executed, July 11 to September 10, 1949 (see Appendix, page 903).

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(20) The Comptroller presents his quarterly report to the Board as of June 30, 1949.

This report was received for record.

GIFT TO THE UNIVERSITY

(21) Mr. J. D. Phillips, class of 1893, of Los Angeles, California, has offered the University approximately $10,000 to establish a scholarship fund to be called the "J. D. and Clara Moore Phillips Scholarship." The income from the fund

is to be paid to Mr. Phillips and, at his death, to a designated beneficiary, now 76. Upon the death of the beneficiary, the income shall be used for scholarships. There are no limitations upon the kind of scholarships other than that they should be used to aid worthy students. The scholarships would be awarded by the University Committee on Scholarships.

Mr. James David Phillips was born in 1868 and is a graduate of the University of Illinois, receiving the degrees of Bachelor of Science in Architecture in 1893 and of Master of Architecture in 1943. He was a member of the staff of the College of Engineering from 1892 to 1902. He was a member of the Engineering staff of the University of Wisconsin from 1902 to 1920 and Business Manager of that institution from 1920 until he retired in 1938. He is the author of several textbooks on mechanical drawing and has written numerous articles relating to university financing.

I recommend approval.

On motion of Mr. Nickell, the acceptance of this fund was authorized.

REPORT OF GIFTS AND GRANTS RECEIVED BY THE UNIVERSITY

(22) The following gifts and grants of funds have been received by the University during the fiscal year 1948-1949. They have been accepted by the President in accordance with the statutory procedure and are being reported for official record (see Appendix, page 903).

This report was received for record.

CONTRACT FOR TURBINE GENERATOR

(23) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for $141,266.85, subject to the release by the Governor of funds appropriated to the University for this purpose, to the General Electric Company, Chicago, the lowest bidder, for a 3000-kilowatt automatic extraction turbine generator as a part of the addition to the Abbott Power Plant at Urbana.

The State appropriations made to the University for 1949-1951 for buildings and other capital improvements include $1,215,000 for "Additions to Power and Heating Plant and Remodeling of Existing Buildings" at Urbana-Champaign. These funds are available on release by the Governor.

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

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

CONTRACT FOR POWER PLANT EQUIPMENT

(24) The Director of the Physical Plant Department and the Comptroller recommend awards of contracts for $20,213 to the Fluor Corporation, Ltd., Los Angeles, California, for a cooling tower, and for $28,980 to the Worthington Pump & Machinery Corporation, Chicago, for condensing equipment for additions to the Abbott Power Plant at Urbana, subject to the release by the Governor of funds appropriated to the University for this purpose. These are the lowest bidders in each case and the proposals are firm prices. The proposal of the Fluor Corporation is subject to completion of the erection of the cooling tower prior to September 30, 1950, but in the event the erection can not be completed prior to that date, prices will be adjusted upward or downward in accordance with the standard escalation clause, if escalation in cost is in excess of 2 per cent of the price quoted.

The State appropriations made to the University for 1949-1951 for buildings and other capital improvements include $1,215,000 for "Additions to Power and Heating Plant and Remodeling of Existing Buildings" at Urbana-Champaign. These funds are available upon release by the Governor.

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

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

SANITARY SEWER FOR SMALL HOMES COUNCIL HOUSING RESEARCH PROJECT

(25) The City of Urbana has agreed to permit connection of the sanitary sewer in the Small Homes Council Housing Research Project area at Race Street and Florida Avenue to the city system. This will require a new sewer from Pennsylvania Avenue to Michigan Avenue and the University should assume its proportionate share ($1,267.86) of the cost of the improvement.

The city is ready to proceed with the construction. The improvement is needed and the Director of the Physical Plant Department and the Comptroller recommend that the University assume its share of the cost. Funds are available in the budget set up for this housing project.

I concur and request that the Comptroller be authorized to pay the City of Urbana the sum of $1,267.86 when the sewer has been completed.

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

APPROPRIATION FOR CONSTRUCTION OF PARKING LOT FACILITIES

(26) There are now about 5,000 faculty and staff cars and nearly 3,000 student cars for which parking spaces are sought on or near the campus. The University of Illinois now has about 2,000 spaces which have been surfaced and are operated mainly for the use of faculty. The congestion around the campus is extremely bad and hazardous for all concerned.

The Provost has recently appointed a committee to consider the whole problem of parking facilities, including new areas that might be developed and the merits of a nominal rental fee for the continued use of parking spaces. Student pressure for increased facilities is severe.

Several areas have already been studied by the Physical Plant Department and four of these could be made available for use in the very near future, whenever funds are available. Areas presently under consideration would provide for about 372 spaces for students and 94 spaces for staff. This whole problem has been under review by the Committee on Nonrecurring Appropriations and the Committee is favorable to prompt and substantial steps toward providing additional parking facilities.

I recommend an appropriation of $30,000 from General Reserve to the Physical Plant Department in order to provide additional parking facilities, specific assignments from this fund to be made by the President of the University for each particular project, the bids to be submitted to the Executive Committee for authorization of contracts.

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

RELEASE OF FUNDS FROM UNIVERSITY CLUB OF URBANA TRUST

(27) On October 29, 1943 (Minutes, page 743), the Board of Trustees approved an agreement with the Men's University Club of Urbana for the purchase by the University of the property of the Club and providing for changes in the future operations of the Club. This agreement also established a trust fund for "the financing of a future building project and/or furnishing or equipping space to be occupied by the Club." The Men's University Club undertook to induce its members to contribute the fund for a future Faculty Graduate Student Center by turning in Club bonds, the value of which could be applied to the fund, or by making other contributions. The University agreed to match all moneys con-

tributed to this fund by members of the Club during the biennium ended June 30, 1945. The trust fund thus established now amounts to $15,374.92.

There is no prospect for a new University Club building in the immediate future. The Men's University Club has undertaken to improve the present facilities through the enlarging of the food service area and remodeling club room facilities. The Club has funds for redecorating but not for the purchase of necessary new equipment and furnishings. The Board of Governors of the Men's University Club is of the opinion that the purchase of equipment and furnishings, amounting to $2,500, comes within the intention of the Trust Agreement, and requests the release by the Board of Trustees of the University of $2,500 from the Trust Fund. It is expected that by so using such part of the Trust Fund the Club facilities will become more attractive, thereby increasing participation by the faculty and reducing the food service operating deficit through increased patronage.

I recommend the release of $2,500 from the University Club Trust Fund which is held by the University of Illinois Foundation for the purpose requested by the Board of Governors of the Club.

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

PAYMENTS IN LIEU OF TAXES

(28) The Comptroller and the Legal Counsel report that they have been working with officials of Champaign, Piatt, and De Kalb counties in the determination of amounts which the University may appropriately pay for services of governmental bodies in those counties under the provision of the act of the last General Assembly authorizing such payments. Agreement has been reached with these officials with respect to practically all of the properties involved. All such payments are covered by income produced by such properties except in a very few cases where the properties were income-producing when acquired but shortly thereafter but subsequent to the date of tax assessment were transferred to educational uses.

In nearly all cases payments will be made out of funds now available in income accounts. In some instances net income of properties on which payments for preceding years are in order was transferred to the General Reserve Fund of the University, so that funds are not now available in the income accounts of these properties to cover such payments.

The Comptroller requests an appropriation from the General Reserve Fund of $3,628. I recommend approval.

The Comptroller and the Legal Counsel commented on this matter.

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

PRESIDENT STODDARD'S REPORT ON UNESCO

On request of President Williamson, President Stoddard made an informal and illuminating report on the meetings of UNESCO in Paris during the summer.

SECRETARY'S REPORTS

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

1. Appointments to the staff made by the President of the University (page 830).
2. Graduate fellows (page 840).
3. Resignations, declinations, and cancellations (page 841).
4. Leaves of absence (page 845).
5. List of degrees conferred on August 14, 1949 (page 845).

The Board adjourned.

H. E. CUNNINGHAM
Secretary

KENNEY E. WILLIAMSON
President

APPENDIX

APPOINTMENTS MADE BY THE PRESIDENT

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

ACKER, GERALDINE E., Instructor, Foods and Nutrition Extension (Home Economics) (E), one year beginning September 1, 1949, $3800 (8-10-49).

ALBERTSON, JOSEPH K., Instructor, Music, academic year beginning September 1, 1949, $3,000 (8-2-49).

ALLEN, HARRY R., Assistant Professor, Architecture (Undergraduate Division in Chicago), one year beginning September 1, 1949, $4800 (9-15-49).

ANASTOPOULOS, VASILIOS B., Research Assistant, Medicine (Medicine), four months beginning September 1, 1949, $225 a month (8-10-49).

ANNIS, ROBERT W., Special Research Associate, Electrical Engineering (C) (¼), five months beginning September 1, 1949, $1300 a year, and (½), seven months beginning February 1, 1950, $2600 a year (8-4-49).

APPLEGATE, LESTER B., Instructor, Institute of Aviation, one year beginning September 1, 1949, $4900 (8-19-49).

ARBENZ, MARY H., Instructor, Speech, one year beginning September 1, 1949, $3500 (9-15-49).

ATKIN, MRS. ESTELLE, Assistant, Animal Nutrition (Animal Science) (S), one year beginning September 1, 1949, $3200 (8-4-49).

AYERS, A. R., Instructor, Agricultural Engineering (E), one year beginning September 1, 1949, $4200, supersedes (8-24-49).

BAER, MARY L., Research Assistant, Bureau of Economic and Business Research, eleven months beginning October 1, 1949, $2700 a year (8-2-49).

BAGLEY, CHARLES T., Visiting Assistant Professor, Civil Engineering (C) (½), academic year beginning September 1, 1949, $2,000 (8-10-49).

BAKER, J. S., Architecture (½), Summer Session, 1949, June 17-August 13, 1949, $362 (8-6-49).

BAKER, M. C., Instructor, Education, and Counselor, University Council on Teacher Education (½), academic year beginning September 1, 1949, $1900 (8-18-49).

BALTHAZAR, EARL E., Instructor, Education (University High School) (½), academic year beginning September 1, 1949, $1500 (8-17-49).

BARRY, JOHN R., Assistant Professor, Psychology, and Counselor, Student Counseling Bureau (Undergraduate Division in Chicago), eleven months beginning October 1, 1949, $5500 a year (8-19-49).

BAULEKE, MAYNARD P., Special Research Assistant, Ceramic Engineering (S), September 12, 1949-August 31, 1950, $250 a month (9-21-49).

BAULING, FREDERICK G., Research Assistant, Mechanical Engineering (C), one year beginning September 1, 1949, $3000 (8-4-49).

BAUMAN, R. A., Research Assistant, Chemistry (Graduate College), one year beginning September 1, 1949, $3800 (8-4-49).

BEALS, ROBERT J., Assistant, Ceramic Engineering (C), nine months beginning September 16, 1949, $3000, supersedes (9-14-49).

BENDER, JAY A., Instructor, Physical Education for Men (¼), academic year beginning September 1, 1949, $800 (8-4-49).

BENENSOHN, SOL J., Clinical Instructor, Obstetrics and Gynecology (Medicine), one year beginning September 1, 1949, without salary, supersedes (9-16-49).

BERMAN, DAVID, Instructor, Applied Materia Medica and Therapeutics (Dentistry) (3/10), one year beginning September 1, 1949, without salary (8-10-49).

BESTOR, ARTHUR E., Associate Professor, History, indefinite tenure beginning September 1, 1949, to render service during each academic year, $6000 a year, supersedes (9-10-49).

BEVAN, MRS. BETTY M., Assistant, Plant Pathology Research (Horticulture) (S), beginning July 1, 1949, and continuing until further notice, $3200 a year (7-26-49).

BIEGEL, ALBERT C., Instructor, Ophthalmology (Medicine) (85/100), eight months beginning January 1, 1950, $350 a month, supersedes (9-15-49).

BLACKMORE, WILLIAM P., Instructor, Manufacturing Pharmacy (Hospital Pharmacy) (Pharmacy), one year beginning September 1, 1949, $3800, supersedes (9-15-49).

BLAND, LOIS J., Assistant, Home Economics 4-H Club Work (Home Economics) (E), one year beginning September 1, 1949, $3800 (8-4-49).

BLOOM, L. W., Instructor, Speech (Undergraduate Division in Chicago), academic year beginning September 1, 1949, $4500 (8-22-49).

BOAND, ARTHUR V., Assistant, Bacteriology (Medicine), nine months beginning September 16, 1949, $2400 (9-21-49).

BOND, EPPERSON E., Research Associate, Pharmacology (Medicine), eleven months beginning August 1, 1949, $3300 a year, supersedes (8-19-49).

BORG, ALFRED F., Assistant Professor, Bacteriology, academic year beginning September 1, 1949, $4700 (8-12-49).

BREEN, JAMES L., Assistant, Physical Education for Men, nine months beginning September 16, 1949, $3600 (8-4-49).

BRIGGS, MARGUERITTE, Assistant Professor, Child Development and Parent Education (Home Economics) (E), two years beginning September 1, 1949, $5333 a year, supersedes (8-12-49).

BROADRICK, K. W., Speech (½), Summer Session, 1949, June 17-August 13, 1949, $400, supersedes (8-10-49).

BRODY, T. M., Instructor, Pharmacognosy and Pharmacology (Pharmacy) (¼), academic year beginning September 1, 1949, $875, supersedes (8-24-49).

BROMLEY, ANN, Dean of Women, Undergraduate Division in Chicago, two years beginning September 1, 1949, $4500 a year (9-24-49).

BROWN, R. ELIZABETH, Assistant Professor, Psychology, academic year beginning September 1, 1949, $4932 (8-4-49).

BROWN, WILLIAM B., Flight Instructor, Institute of Aviation, one year beginning September 1, 1949, $3850 (8-19-49).

BROWNING, CARROLL W., Instructor, Ophthalmology (Medicine) (85/100), ten months beginning November 1, 1949, $350 a month, supersedes (9-15-49).

BRYAN, GEORGE R., JR., Assistant Professor, Naval Science, beginning August 20, 1949, and continuing until further notice, without salary (8-29-49).

BURT, BARBARA A., Clinical Counselor, Student Counseling Bureau, one year beginning September 1, 1949, $4100 (9-10-49).

CAGLE, MRS. WINIFRED N., Assistant, Home Economics (C), nine months beginning September 16, 1949. $2400 (8-10-49).

CARLISLE, MARTHA E., Assistant, Rural Sociology (Agricultural Economics) (E), one year beginning September 1, 1949, $3500 (9-23-49).

CATE, HUBERT A., Assistant, Agricultural Research (E & S), one year beginning September 1, 1949, $3600 (9-23-49).

CHANG, PEH-I, Graduate Research Assistant, Entomology (Graduate College), one year beginning September 1, 1949, $2400 (8-18-49).

CHARMLEY, BEULAH J., Assistant, English, nine months beginning September 16, 1949, $2700 (9-23-49).

CHEN, MRS. MO-LING H., Catalog Assistant, Library, one year beginning September 1, 1949, $3000 (8-10-49).

CHILDS, MORRIS E., Special Research Assistant, Mechanical Engineering (C), one year beginning September 1, 1949, $3600, supersedes (8-17-49).

CLARK, DOROTHY, Instructor, Music, academic year beginning September 1, 1949, $3500 (8-2-49).

CLARK, JOHN W., Clinical Instructor, Radiology (Rush) (Medicine), one year beginning September 1, 1949, without salary (9-16-49).

CLEMENT, ALICE M., Instructor, Occupational Therapy (Physical Medicine) (Medicine), one year beginning September 1, 1949, $3850, supersedes (9-15-49).

COFFIN, GEORGIA R., Cataloger, rank of Instructor, Library, one year beginning September 1, 1949, $3600, supersedes (8-19-49).

COHN, MRS. EVA M., Assistant, Animal Nutrition (Animal Science) (S), one year beginning September 1, 1949, $3200 (8-4-49).

COLE, MRS. MARGARET C., Assistant, Home Economics (S), one year beginning September 1, 1949, $3400 (8-17-49).

COLLINS, EUNICE, Assistant Professor, Journalism (½), to render service during each academic year, $2100 a year, and Journalism Librarian (½) (Y basis), $2400 a year, two years beginning September 1, 1949 (8-10-49).

COLLINS, PATRICIA J., Assistant Professor, Physical Education for Women, academic year beginning September 1, 1949, $4000 (9-8-49).

COMMANDAY, ROBERT P., Assistant Professor, Music (Fine and Applied Arts) (45/100), to render service during two semesters of each academic year, and Division of University Extension (55/100) (Y basis), one year beginning September 1, 1949, $4100, supersedes (8-10-49).

CONKIN, GEORGE S., Assistant, English, nine months beginning September 16, 1949, $2400, supersedes (8-15-49).

CONLEY, INEZ, Research Associate, Bureau of Economic and Business Research (½), one year beginning September 1, 1949, $2100 (9-10-49).

COTTER, MRS. ALICE W., Head Resident, Evans Hall, ten months beginning September 1, 1949, $2400; also to be furnished housing valued at $100, and three meals daily valued at $168, supersedes (8-22-49).

CUNNINGHAM, GORDON R., Assistant Extension Forester (Forestry) (E), eleven months beginning October 1, 1949, $1980 a year; in addition to $1620 a year paid from Clarke-McNary, for which the University assumes no responsibility (9-21-49).

DAMRIN, DORA E., Assistant, Bureau of Research and Service, June 16-August 31, 1949, $233.33 a month, supersedes (8-10-49).

DAVID, RUTH, Instructor, Division of Social Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1949, $3000 (9-21-49).

DAWN, C. ERNEST, Instructor, History, academic year beginning September 1, 1949, $3600 (8-10-49).

DEAL, NEWTON H., Circulation Assistant, Library, one year beginning September 1, 1949, $3500 (8-17-49).

DEARDORFF, DWIGHT L., Associate Professor, Pharmacy (Pharmacy), indefinite tenure beginning September 1, 1949, to render service during two semesters of each academic year, $6500 a year (8-15-49).

DETAMBLE, GRACE W., Assistant, Occupational Therapy (Physical Medicine) (Medicine), one year beginning September 1, 1949, $3300, supersedes (9-15-49).

DINGWALL, ROBERT A., Assistant, Electrical Engineering (C), nine months beginning September 16, 1949, $2400 (9-15-49).

DOWELL, DOROTHY, Instructor, Labor and Industrial Relations (⅔), and Division of University Extension (⅓), one year beginning September 1, 1949, $4250 (9-21-49).

DRENAN, JAMES W., Special Research Assistant, Chemistry (Graduate College), nine months beginning October 1, 1949, $2925 (8-19-49).

DRESSEL, ELIZABETH T., Research Assistant, Bureau of Institutional Research (Provost's Office), one year beginning September 1, 1949, $2700 (9-10-49).

DRISCOLL, THOMAS H., Assistant, English, nine months beginning September 16, 1949, $2500 (8-17-49).

DUNLOP, KATHLEEN, Research Assistant, Bureau of Economic and Business Research, one year beginning September 1, 1949, $3000 (8-19-49).

EATON, THELMA, Associate Professor, Library Science, two years beginning September 1, 1949, to render service during each academic year, $5000 a year, supersedes (9-21-49).

ELFENBAUM, ARTHUR, Chief Examiner, and Associate Professor, Clinical Dentistry (Admitting Clinic) (Dentistry), indefinite tenure beginning September 1, 1949, $6500 a year, supersedes (9-15-49).

ELLIS, MRS. EFFIE O., Instructor, Parasitology (Medicine) (Medicine), four months beginning September 1, 1949, $300 a month (8-17-49).

ELSESSER, THADDEUS M., Instructor, Theoretical and Applied Mechanics (C), academic year beginning September 1, 1949, $3850 (9-10-49).

EVERSON, TILDEN C., Instructor, Surgery (Medicine) (½), four months beginning September 1, 1949, $2000 a year (8-19-49).

FLEMING, MRS. MARILYN M., Electroencephalographer, and Assistant, Psychiatry (Medicine), two months beginning July 1, 1949, $3000 a year, supersedes (8-18-49).

FORBES, RICHARD M., Associate Professor, Animal Nutrition (Animal Science) (C), to render service during each academic year, and Agricultural Experiment Station (Y basis), September 15, 1949-August 31, 1951, $6000 a year (7-18-49).

FRANKS, MARY L., Library School Library Assistant, Department of Public Service, September 12, 1949-August 31, 1950, $3000 a year (8-10-49).

FRISBEE, MARGARETTA, Assistant Professor, Social Welfare Administration, and Extension, academic year beginning September 1, 1949, $5000 (8-15-49).

FULLER, E. G., Special Research Assistant, Physics (C), one year beginning September 1, 1949, $3240 (9-10-49).

GABIS, S. T., Instructor, Social Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1949, $3400 (9-15-49).

GAEBE, OLIVER F., Assistant Professor, Agricultural 4-H Club Work (E) (¼), eleven months beginning October 1, 1949, $1350 a year, supersedes (8-12-49).

GANNON, NORMAN, Special Research Assistant, Economic Entomology (C), and in Natural History Survey, three months beginning July 1, 1949, $250 a month (8-10-49).

GANZHORN, BETTY J., Psychometrist, and Assistant Counselor, Student Counseling Bureau (Undergraduate Division in Chicago), one year beginning September 1, 1949, $3200 (9-15-49).

GARD, LELAND E., First Assistant, Agricultural Research (S), August 1, 1949-August 31, 1950, $4500 a year; also to be furnished with perquisites valued at $300 a year (8-10-49).

GEPHARDT, SARAH L., Instructor, Occupational Therapy (Physical Medicine) (Medicine), one year beginning September 1, 1949, $3850, supersedes (9-15-49).

GERDES, MARY S., Research Assistant, Economics (Graduate College), one year beginning July 1, 1949, $2700, supersedes (8-10-49).

GERSHBEIN, LEON L., Assistant Professor, Biological Chemistry (Clinical Science) (Medicine), one year beginning September 1, 1949, $3600 (9-16-49).

GIANAS, ELAINE M., Assistant, Chemistry (Pharmacy), nine months beginning October 1, 1949, $260 a month (9-21-49).

GIBSON, ROLAND, Assistant Professor, Economics, academic year beginning September 1, 1949, $5000, supersedes (9-23-49).

GIDDINGS, NORMAN C., Instructor, Spanish (½), and Instructor, French (½), academic year beginning September 1, 1949, $3300 (9-20-49).

GILKEY, HERBERT T., Special Research Assistant, Mechanical Engineering (C), one year beginning September 1, 1949, $3000 (8-24-49).

GILL, BILLIE R., Instructor, Education (University High School), academic year beginning September 1, 1949, $3000, supersedes (8-22-49).

GILLENWATER, VIRGIL W., Instructor, Education, and Counselor, University Council on Teacher Education (½), academic year beginning September 1, 1949, $1900, supersedes (8-17-49).

GONDEK, FRANK R., Instructor, Medicine (Medicine) (½), one year beginning September 1, 1949, $2400 (8-24-49).

GOODMAN, LAWRENCE E., Research Assistant Professor, Civil Engineering (Graduate College), two years beginning September 1, 1949, $4800 a year (8-10-49).

GRATZINGER, MAX, Instructor, Applied Materia Medica and Therapeutics (Dentistry) (3/10), one year beginning September 1, 1949, without salary (8-10-49).

GREEN, MORRIS, Instructor, Pediatrics (Medicine), one year beginning September 1, 1949, $3600 (8-22-49).

GREEN, PAUL M., Professor, Management (Business Organization and Operation), indefinite tenure beginning September 1, 1949, to render service during two semesters of each academic year, $8000 a year (8-10-49).

GREENSPON, SEYMOUR A., Instructor, Clinical Pathology (Medicine), one year beginning September 1, 1949, $3900 (8-17-49).

GRIFFITH, G. L., Special Research Assistant, Physics (S), September 1, 1949-February 28, 1950, $3240 a year (8-4-49).

GRIMELLI, LUKE J., Assistant Physician, Health Service (Chicago Professional Colleges), one year beginning September 1, 1949, $3000, supersedes (9-15-49).

GROSS, DOROTHY, Assistant, English, September 16, 1949-January 31, 1950, $1200 (9-23-49).

GRUNDMAN, ROSE A., Instructor, Mathematics (Pharmacy), academic year beginning September 1, 1949, $3600 (8-17-49).

GUEVREKIAN, GABRIEL, Professor, Architecture, indefinite tenure beginning September 1, 1949, to render service during each academic year, $6000 a year (7-30-49).

GUSTAFSON, LEVARL M., Assistant, Psychology, nine months beginning September 16, 1949, $2400 (8-3-49).

HAAS, J. S., Assistant Professor, Ophthalmology (Medicine) (½), one year beginning September 1, 1949, $2900, supersedes (9-15-49).

HAINES, ALEYNE C., Instructor, Education (½), academic year beginning September 1, 1949, $2000 (8-9-49).

HARNACK, ROBERT E., First Assistant, Horticulture (S), one year beginning September 1, 1949, $4000, supersedes (9-15-49).

HARTLEY, THOMAS C., Assistant, General Engineering Drawing (C), nine months beginning September 16, 1949, $3000 (9-15-49).

HARWARD, THERON, Assistant, Naval Science, beginning August 5, 1949, and continuing until further notice, without salary (8-11-49).

HAYS, RAY L., Instructor, Dairy Cattle Physiology (Dairy Science) (C & S), one year beginning September 1, 1949, $4400 (8-17-49).

HAYWARD, H. N., Associate Professor, Electrical Engineering, and Director of the Measurement Program (S) (½), two months beginning June 16, 1949, $634 (this is in addition to his previous appointment) (8-22-49).

HEYMANN, HANS, Research Lecturer, Economics (Bureau of Economic and Business Research), two months beginning July 1, 1949, $555.55 a month (7-26-49).

HILDEBRANDT, VAUGHN D., Assistant Professor, Metallurgical Engineering (Mining and Metallurgical Engineering) (C), two years beginning September 1, 1949, to render service during each academic year, $4200 a year (7-30-49).

HILKER, GLORIA L. J., Assistant Professor, Hygiene, and Medical Advisor for Women (Undergraduate Division in Chicago) (½), one year beginning September 1, 1949, $3500 (8-17-49).

HOGNESTAD, EIVIND, Special Research Associate, Theoretical and Applied Mechanics (S), one year beginning September 1, 1949, $4200 (8-12-49).

HOWARD, ANGELINE A., Instructor, Occupational Therapy (Physical Medicine) (Medicine), one year beginning September 1, 1949, $3850, supersedes (9-15-49).

HUDSON, ROBERT B., Associate Professor, Journalism (½), and Director, University Broadcasting (Institute of Communications Research) (½), October 15, 1949-August 31, 1950, $700 a month (8-10-49).

HUFFMAN, W. J., Instructor, Physical Education in Extension (Division of University Extension), academic year beginning September 1, 1949, $4500, supersedes (8-19-49).

HULET, RICHARD E., Assistant Dean of Men, one year beginning September 1, 1949, $3400 (8-15-49).

JAMIESON, JOHN R., JR., Research Assistant, Mechanical Engineering (S), August 1, 1949-August 31, 1950, $3600 a year (7-26-49).

JEFFRIES, JOHN U., Instructor, Electrical Engineering (C), academic year beginning September 1, 1949, $3000 (8-4-49).

JOHNS, DONALD C., Clinical Assistant, Pediatrics (Medicine), one year beginning July 1, 1949, without salary (8-19-49).

JOHNS, WILLIAM D., JR., Special Research Assistant, Petrography (S), one year beginning September 1, 1949, $3300 (9-14-49).

JOHNSON, MRS. ANN T., Circulation Assistant, Department of Public Service (Library), one year beginning September 1, 1949, $3300 (8-10-49).

JOHNSTON, R. L., Extension Specialist, Division of University Extension, one year beginning September 1, 1949, $4000 (9-10-49).

JONES, GEORGE E., Assistant, English, nine months beginning September 16, 1949, $2600 (8-10-49).

JONES, T. S., Professor, Medical and Dental Illustration, and Head, Illustration Studios (Medicine), indefinite tenure beginning September 1, 1949, to render service during each academic year, $10,000 a year (8-10-49).

JORDAN, G. L., Agricultural Economics, Summer Session, 1949, June 17-July 16, 1949, $760, supersedes (8-10-49).

KAISER, GEORGE D., Instructor, Surgery (¾), and in Anatomy (¼) (Medicine), one year beginning September 1, 1949, $3000, supersedes (8-17-49).

KAMMLADE, WILLIAM G., Professor, Agricultural Extension (C), indefinite tenure, Associate Director, Extension Service in Agriculture and Home Economics, and State Leader of Farm Advisers (E), two years, beginning September 1, 1949, $10,000 a year (7-28-49).

KAUFMAN, IRVING, Instructor, Electrical Engineering (C), academic year beginning September 1, 1949, $3000 (8-19-49).

KELL, WALTER G., Instructor, Accountancy (½), academic year beginning September 1, 1949, $1700, supersedes (8-19-49).

KENEIPP, VIIRGINIA M., Assistant, Home Economics (C), one year beginning September 1, 1949, $3200 (8-17-49).

KISSELGOFF, AVRAM, Research Assistant, Bureau of Economic and Business Research, October 1, 1949-June 30, 1950, or until the termination of the Merrill Project, which ever is earlier, $487.50 a month (9-21-49).

KNIGHT, MRS. KATHERINE G., First Assistant, Home Economics (S), one year beginning September 1, 1949, $4000 (8-17-49).

KNUTI, L. L., Instructor, Agricultural Education (½), and Counselor, University Council on Teacher Education (½), academic year beginning September 1, 1949, $4000 (8-17-49).

KOBES, HERBERT R., Director, Division of Services for Crippled Children, two years beginning July 1, 1949, $11,000 a year, supersedes (9-16-49).

KOENIG, HERMAN E., Instructor, Electrical Engineering (C), academic year beginning September 1, 1949, $3000 (8-4-49).

KOKEN, JOHN C., Research Assistant, Mathematics, one year beginning September 1, 1949, $3600 (9-23-49).

KOTT, HARRIET, Assistant Professor, Hygiene, and Medical Adviser for Women, eleven months beginning October 1, 1949, $6000 a year (8-12-49).

KRASNO, LOUIS R., Assistant Professor, Clinical Science (Medicine), one year beginning September 1, 1949, without salary (9-16-49).

KUBITSCHEK, H. E., Special Research Assistant, Physics (C), one year beginning September 1, 1949, $3240 (8-19-49).

LAMM, KENNETH L., Special Research Assistant, Mechanical Engineering (C), one year beginning September 1, 1949, $3300, supersedes (8-19-49).

LARSON, CARL M., Instructor, Economics, $3800, and Staff Counselor, Student Counseling Bureau, on an overtime basis amounting to one-fourth time, $500 (Undergraduate Division in Chicago), academic year beginning September 1, 1949, supersedes (8-19-49).

LASHBROOK, AUSTIN M., Instructor, Education (University High School), academic year beginning September 1, 1949, $3200 (8-15-49).

LAVERTY, HELEN, Research Associate, Bureau of Research and Service, five months beginning September 1, 1949, $333.34 a month (9-14-49).

LAWDER, HOMER L., Assistant Professor, Hygiene, and Assistant to the Health Officer, one year beginning September 1, 1949, $7200 (8-19-49).

LAWRENCE, N. M., Instructor, Philosophy, six months beginning February 1, 1950, to render service during the second semester of the academic year, $329.16 a month, supersedes (8-10-49).

LEASE, BENJAMIN, Assistant Professor, English, two years, to render service during each academic year, $4700 a year, and Staff Counselor, Student Counseling Bureau, academic year, on an overtime basis amounting to one-fourth time, $500 (Undergraduate Division in Chicago), beginning September 1, 1949, supersedes (8-19-49).

LEDET, DAVID A., Instructor, Music, academic year beginning September 1, 1949, $3500 (8-2-49).

LENDRUM, J. T., Associate Professor, General Engineering Drawing, indefinite tenure, and Acting Director, Small Homes Council, one year, beginning September 1, 1949, $7700 a year, supersedes (8-8-49).

LE QUATTE, DOROTHY, Instructor, Education (University High School), academic year beginning September 1, 1949, $3000 (8-3-49).

LEVY, SAUL, Instructor, Applied Materia Medica and Therapeutics (⅖), and Coordinator, Postgraduate Telephone Courses (27/100) (Dentistry), one year beginning September 1, 1949, $3000, supersedes (9-21-49).

LINFORD, MAURICE B., Professor, Plant Pathology (Horticulture) (C), indefinite tenure, to render service during each academic year, and in the Agricultural Experiment Station, indefinite tenure (Y basis), beginning September 1, 1949, $8000 a year (7-18-49).

LIS, EDWARD F., Instructor, Pediatrics (Medicine) (½), one year beginning September 1, 1949, 1800 (8$-19-49).

LOOKER, JAMES H., Research Assistant, Chemistry, one year beginning September 1, 1949, $3600 (8-15-49).

LUNCHICK, MYRON E., Instructor, Theoretical and Applied Mechanics (C) (½), academic year beginning September 1, 1949, $1800 (9-15-49).

LUSH, MARY E., Instructor, Home Economics (C), academic year beginning September 1, 1949, 3200 (8-10-49).

MAAS, LEROY, Instructor, Oral Surgery (Rush) (Dentistry), one year beginning September 1, 1949, without salary (9-16-49).

MAGEE, DONALD F., Research Associate, Clinical Science (Medicine), one year beginning September 1, 1949, $3600, supersedes (9-15-49).

MALIN, BERNARD, Research Assistant, Bacteriology (Graduate College), two months beginning July 1, 1949, $216.66 a month (8-6-49).

MARIENFELD, CARL J., Instructor, Pediatrics (Medicine) (½), one year beginning September 1, 1949, $1800, supersedes (8-19-49).

MARKHART, ALBERT H., JR., Postdoctoral Research Assistant, Chemistry (Graduate College), September 8, 1949-June 30, 1950, $3168.75 (9-15-49).

MARTIN, MRS. MILLICENT V., Assistant, Home Economics (C), nine months beginning September 16, 1949, $2400 (8-10-49).

MASSIE, GLEN E., Assistant, Forestry (C), one year beginning September 1, 1949, $3300 (9-15-49).

MATHEWS, DONALD K., Instructor, Physical Education for Men, academic year beginning September 1, 1949, $3700 (8-4-49).

MCCULLOCH, HUGH, Professorial Lecturer, Pediatrics (Medicine), July 1, 1949-August 31, 1950, without salary (8-19-49).

MCELROY, DONALD L., Instructor, Applied Materia Medica and Therapeutics (Dentistry) (3/10), one year beginning September 1, 1949, without salary (8-10-49).

MCGARRY, MRS. NANCY S., Clinical Counselor, Student Counseling Bureau, one year beginning September 1, 1949, $3500, supersedes (9-10-49).

MIDDLETON, WILLIAM H., Chief Resident and Clinical Teaching Assistant, Opthalmology (Illinois Eye and Ear Infirmary) (½), one year beginning September 1, 1949, $1800 (9-21-49).

MILLER, LOWELL S., Assistant, Zoology, nine months beginning September 16, 1949, $2400 (8-3-49).

MILLER, OSCAR, Instructor, Economics, $4100, and Staff Counselor, Student Counseling Bureau, on an overtime basis amounting to one-fourth time, $500 (Undergraduate Division in Chicago), academic year beginning September 1, 1949, supersedes (8-19-49).

MOHR, MRS. ELIZABETH B., Research Assistant, Chemistry (Graduate College), July 1, 1949-March 15, 1950, $2550 (7-26-49).

MOORE, ASBURY C., JR., Assistant, Physical Education for Men, nine months beginning September 16, 1949, $3100 (8-25-49).

MOSIER, JACOB E., Assistant Professor, Veterinary Clinical Medicine (Veterinary Medicine), two years beginning September 1, 1949, $5750 a year (8-10-49).

MOYER, JOHN A., Clinical Assistant, Obstetrics and Gynecology (Medicine), one year beginning September 1, 1949, without salary (9-16-49).

NAGEL, EDITH L., Assistant Professor, Social Welfare Administration, two years beginning September 1, 1949, to render service during two semesters of each academic year, $4800 a year (8-12-49).

NELSON, DOROTHY, Research Instructor, Clinical Science (Medicine), one year beginning July 1, 1949, $3600 (8-27-49).

NIELSON, PAUL E., Instructor, Psychiatry (Medicine), one year beginning September 1, 1949, $4800 (8-17-49).

ODELL, DOROTHY T., Assistant, English, nine months beginning September 16, 1949, $2600 (8-22-49).

OESTERLING, M. JANE, Research Assistant, Chemistry (Graduate College), one year beginning September 1, 1949, $3800 (8-4-49).

OGLESBY, EARL V., Assistant Professor, Naval Science, beginning August 20, 1949, and continuing until further notice, without salary (8-29-49).

O'KONSKI, CLAIRE M., Assistant Extension Editor, and Assistant, Agricultural Extension (E), one year beginning September 1, 1949, $3200 (8-17-49).

ORMISTON, EMMETT E., Assistant Professor, Dairy Production (Dairy Science) (C & S), two years beginning September 1, 1949, $5500 a year, supersedes (8-10-49).

OSTERBERG, WESLEY, Assistant Professor, Psychology, academic year beginning September 1, 1949, $4600 (7-30-49).

OTTERSON, PEDER A., Assistant, Institute of Aviation, one year beginning September 1, 1949, $3600 (9-10-49).

PARRISH, W. M., Professor, Speech (½), Summer Session, 1949, June 17-August 13, 1949, $667, supersedes (8-10-49).

PATTERSON, MRS. MILDRED, Economics, Summer Session, 1949, June 17-August 13, 1949, $556 (8-3-49).

PEARLMAN, BENJAMIN, Clinical Assistant Professor, Medicine (Medicine) (4/100), one year beginning September 1, 1949, $175, supersedes (8-22-49).

PEARLMAN, MAURICE, Instructor, Ophthalmology (Medicine) (85/100), one year beginning September 1, 1949, $4400, supersedes (9-15-49).

PELKA, FRANCIS X., Instructor, Crowns and Fixed Partial Dentures (Dentistry), one year beginning September 1, 1949, $4000, supersedes (8-17-49).

PETTICREW, GEORGE A., Special Research Associate, Electrical Engineering (C) (¾), one year beginning September 1, 1949, $3900 (8-8-49).

PETTINGA, PAUL S., Associate Professor, Music (¾), indefinite tenure, and Counselor, Student Counseling Bureau (¼), one year, beginning September 1, 1949, to render service during each academic year, $5200 a year, supersedes (9-10-49).

PHENEY, GAIL, Research Assistant, Psychology (Graduate College), one year beginning September 1, 1949, $3200 (8-17-49).

PHILPOTT, DELBERT E., Research Associate, Physiology (Medicine), one year beginning September 1, 1949, $3600, supersedes (8-22-49)

PLOUFFE, JOHN B., Assistant, English, nine months beginning September 16, 1949, $2500 (9-10-49).

POCZATEK, JOE J., Assistant, Theoretical and Applied Mechanics (C), nine months beginning September 16, 1949, $2700 (8-17-49).

POMEROY, ORVILLE R., Instructor, Electrical Engineering (C), academic year beginning September 1, 1949, $3000 (8-4-49).

POPELKA, BLANCHE M., Assistant, Occupational Therapy (Physical Medicine) (Medicine), one year beginning September 1, 1949, $3300, supersedes (9-15-49).

PRICE, PAUL W., Assistant, Music, nine months beginning September 16, 1949, $2400 (8-22-49).

PRIER, JAMES E., Instructor, Veterinary Pathology and Hygiene (Veterinary Medicine), and in the Agricultural Experiment Station, one year beginning September 1, 1949, $4500, supersedes (9-8-49).

PURNELL, WILLIAM F., Assistant Professor, Agronomy Extension, and Assistant Extension Soil Conservationist (Agronomy) (E) (51/100), two months beginning July 1, 1949, $2550 a year; in addition to $2450 a year paid by the State Soil Conservation Districts Board, for which the University assumes no responsibility, supersedes (8-10-49).

PUTNIK, EDWIN V., Instructor, Music, academic year beginning September 1, 1949, $3500 (8-3-49).

RANZ, JAMES, Cataloger, rank of Instructor, Library, one year beginning September 1, 1949, $3600, supersedes (8-25-49).

RECORDS, JOHN K., Special Research Associate, Electrical Engineering (C) (¾), one year beginning September 1, 1949, $3900 (8-8-49).

REED, CHARLES A., Assistant Professor, Zoology (Pharmacy), two years beginning September 1, 1949, to render service during each academic year, $4550 a year (9-15-49).

REED, MARGARET A., Research Associate, Home Economics (S), September 15, 1949-August 31, 1950, $3600 a year (8-10-49).

REED, MARIE J., Instructor, Occupational Therapy (Physical Medicine) (Medicine), one year beginning September 1, 1949, $3600 (8-27-49).

REFSUM, SIGVALD B., Professorial Lecturer, Psychiatry (Medicine), one year beginning October 1, 1949, $8004 (9-21-49).

REITZE, ALBERTA E., Instructor, Home Economics (C), academic year beginning September 1, 1949, $4000 (8-15-49).

REUTER, EDWARD R., Assistant, Physical Education for Men (¾), nine months beginning September 16, 1949, $2700; in addition to $800 paid by the Athletic Association, for which the University assumes no responsibility (8-19-49).

REZEK, GEORGE H., Clinical Assistant Professor, Obstetrics and Gynecology (Medicine), one year beginning September 1, 1949, without salary, supersedes (9-16-49).

RICHARDS, CLAIRE L., Assistant Professor, Music (⅔), two years beginning September 1, 1949, to render service during each academic year, $2667 a year (8-2-49).

RICHARDS, MAX D., Instructor, Management (Business Organization and Operation), academic year beginning September 1, 1949, $3600 (8-25-49).

ROBERTS, CARLETON W., Postdoctoral Research Assistant, Chemistry (Graduate College), nine months beginning October 1, 1949, $2925 (9-10-49).

ROHLING, MARY L., Personnel Technician, Student Counseling Bureau, one year beginning September 1, 1949, $2800 (8-15-49).

ROSS, EDWARD A., Psychology (⅛), Summer Session, 1949, June 17-August 13, 1949, $362 (9-15-49).

ROUFFA, A. S., Assistant Professor, Biological Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1949, $4500 (8-22-49).

SAGONA, FRANK M., Instructor, Pharmacy (Pharmacy), academic year beginning September 1, 1949, $3900, supersedes (9-22-49).

SCHEICK, WILLIAM H., Professor, Architecture, indefinite tenure, and Director, Small Homes Council, two months beginning July 1, 1949, $10,000 a year, supersedes (8-10-49).

SCHERMEISTER, L. J., Instructor, Botany and Pharmacognosy (Pharmacy) (½), academic year beginning September 1, 1949, $1750, supersedes (8-24-49).

SCHMIDT, MRS. HELEN B., Acquisition Librarian, rank of Instructor, Library (Undergraduate Division in Chicago), one year beginning September 1, 1949, $4000 (8-10-49).

SCHMITT, RUTH, Assistant, English, nine months beginning September 16, 1949, $2400 (8-10-49).

SCHMITTLE, SAMUEL C., Instructor, Veterinary Pathology and Hygiene (Veterinary Medicine), and Instructor, Veterinary Research (S), July 1, 1949-June 30, 1950, $4500, on leave of absence, on one-half time, without salary, supersedes (9-14-49).

SCHNEIDER, SOPHIA, Electroencephalographer, Psychiatry (Medicine), one year beginning September 1, 1949, $3300 (9-21-49).

SCHUETZ, WARREN H., Instructor, Education (University High School), academic year beginning September 1, 1949, $3720 (8-4-49).

SELZ, PETER H., Instructor, Art (Undergraduate Division in Chicago) (⅓), academic year beginning September 1, 1949, $1500, supersedes (8-17-49).

SHIDELER, ERNEST H., Associate Professor, Sociology, indefinite tenure beginning September 1, 1949, to render service during each academic year, $6000 a year (8-19-49).

SIBONS, GEORGE D., Assistant, Physical Education for Men, nine months beginning September 16, 1949, $3200 (8-2-49).

SIMPSON, MRS. ELAINE C., Assistant Reference Librarian, rank of Instructor, Library (Undergraduate Division in Chicago), one year beginning September 1, 1949, $3600 (8-10-49).

SMITH, JANICE M., Professor, Nutrition (Home Economics) (C & S) (¼), indefinite tenure, to render service during two semesters of each academic year, and Acting Head, Department of Home Economics (C & S) (¾), one year (Y basis), beginning September 1, 1949, $8000 a year (7-28-49).

SNADER, D. W., Professor, Education, indefinite tenure beginning September 1, 1949, to render service during each academic year, $7000 a year (9-10-49).

SONNENSCHEIN, RALPH, Research Assistant, Psychiatry (Medicine), one year beginning September 1, 1949, $4000 (8-17-49).

SPAETH, ELIZABETH L., Assistant, Bacteriology (Medicine), nine months beginning September 16, 1949, $3000 (9-21-49).

STAMPS, FREDERICK W., Research Associate, Psychiatry (Medicine), one year beginning September 1, 1949, $10,000 (8-25-49).

STANEK, FLOYD J., Instructor, Theoretical and Applied Mechanics (C), academic year beginning September 1, 1949, $3000 (8-25-49).

STAUGAS, LEONARD W., Research Assistant, Institute of Labor and Industrial Relations, one year beginning September 1, 1949, $3000 (8-10-49).

STEINER, GILBERT Y., Research Assistant, Institute of Labor and Industrial Relations, one year beginning September 1, 1949, $3330 (8-25-49).

STILLERMAN, MANUEL L., Instructor, Ophthalmology (Medicine) (½), one year beginning September 1, 1949, $2800 (9-15-49).

STIPPES, MARVIN C., Assistant Professor, Theoretical and Applied Mechanics (C), two years beginning September 1, 1949, to render service during two semesters of each academic year, $4800 a year (8-10-49).

STONE, CLARENCE W., Assistant Professor, Library Science, two years beginning September 1, 1949, to render service during each academic year, $4500 a year (8-19-49).

STONE, P. I., Mechanical Engineering (⅔), Summer Session, 1949, June 17-August 13, 1949, $445 (8-6-49).

SULLIVAN, BERNADETTE M., Assistant Catalog Librarian, rank of Assistant (Undergraduate Division in Chicago), September 6, 1949-August 31, 1950, $3000 a year (9-15-49).

SUSSMAN, RAQUEL B., Research Assistant, Bacteriology (Graduate College), two months beginning July 1, 1949, $216.66 a month (8-17-49).

SUTTER, NANCY A., Instructor, Psychology, and Assistant Counselor, Student Counseling Bureau (Undergraduate Division in Chicago), one year beginning September 1, 1949, $3600 (8-19-49).

SUTTON, JOE C., Instructor, Journalism, academic year beginning September 1, 1949, $4200 (8-19-49).

TAYLOR, DONALD E., Special Research Assistant, Mechanical Engineering (S), four months beginning September 1, 1949, $250 a month (9-20-49).

TAYLOR, MRS. SADIE W., Assistant, Animal Nutrition (Animal Science), (S), one year beginning September 1, 1949, $3200 (8-2-49).

TERRY, ELLEN A., Counselor, University Council on Teacher Education (⅓), nine months beginning September 16, 1949, $1200 (8-18-49).

THOMAS, GLYN N., Instructor, English, academic year beginning September 1, 1949, $3300 (8-17-49).

THOMPSON, R. H., Instructor, Education (½), academic year beginning September 1, 1949, $1600 (8-17-49).

THOMPSON, W. N., Assistant Professor, Speech (Humanities) (Undergraduate Division in Chicago), two years beginning September 1, 1949, to render service during each academic year, $5500 a year, supersedes (8-22-49).

TITLEY, RICHARD J., Adjutant, Military Department, August 1, 1949-August 31, 1950, $50 a month (8-10-49).

TOMLINSON, ALFRED E., Instructor, Journalism, academic year beginning September 1, 1949, $3800 (8-19-49).

TOMLINSON, MRS. MARY E., Catalog Librarian, rank of Instructor, Library (Undergraduate Division in Chicago), one year beginning September 1, 1949, $3800 (8-10-49).

TONKIN, WILLIAM M., Counselor, Division of Special Services for War Veterans (½), one year beginning September 1, 1949, $1400 (9-15-49).

TOPP, R. F., Assistant Professor, Education, and Assistant Director, Teacher Education, one year beginning September 1, 1949, $5100 (9-9-49).

TORDA, PAUL, Associate Professor, Aeronautical Engineering (C), indefinite tenure beginning September 1, 1949, to render service during each academic year, $5500 a year (8-19-49).

VAL DEZ, MABEL A., Assistant, Occupational Therapy (Physical Medicine) (Medicine), one year beginning September 1, 1949, $3300, supersedes (9-15-49).

VANDE BUNT, CAROL J., Personnel Technician, Student Counseling Bureau (Undergraduate Division in Chicago), one year beginning September 1, 1949, $2800 (8-22-49).

VENEMA, HARRY J., Special Research Assistant, Electrical Engineering (C), one year beginning September 1, 1949, $4600 (8-8-49).

VERMEULEN, CORNELIUS W., Associate Professor, Surgery (Medicine) (⅗), indefinite tenure beginning September 1, 1949, $4600 a year, supersedes (8-17-49).

VIETZEN, ROSE, Assistant Catalog Librarian, rank of Assistant (Undergraduate Division in Chicago), September 12, 1949-August 31, 1950, $3000 a year (9-15-49).

WALKER, J. ROBERT, Assistant Extension Editor, and Assistant Professor, Agricultural Extension (E), six months beginning September 1, 1949, $4810 a year (8-2-49).

WALLING, MARY L., Research Assistant, Bureau of Economic and Business Research, one year beginning September 1, 1949, $2700 (8-25-49).

WALTER, CHARLES R., Jr., Research Assistant, Chemistry, one year beginning September 1, 1949, $3600 (8-2-49).

WANKEL, RONALD A., Research Assistant, Chemistry, one year beginning September 1, 1949, $3600 (8-2-49).

WEAVER, MARGARET E., Instructor, Philosophy, five months beginning September 1, 1949, $1600 (9-21-49).

WEBER, J. A., First Assistant, Agricultural Engineering (S), one year beginning September 1, 1949, $4500, supersedes (8-19-49).

WILLIAMS, A. C., JR., Research Associate Professor, Psychology, indefinite tenure beginning September 1, 1949, $7500 a year, supersedes (8-12-49).

WISCHNER, GEORGE J., Assistant Professor, Speech (¾), and Psychology (¼), academic year beginning September 1, 1949, $4800 (8-10-49).

WOHLER, WILMA, Instructor, Education (University High School), academic year beginning September 1, 1949, $3200 (9-14-49).

WOLFF, ROBERT W., Research Assistant, Bureau of Economic and Business Research, one year beginning September 1, 1949, $3000 (8-26-49).

WOOD, MRS. CORDILL H., Clinical Psychotherapist, and Instructor, Mental Hygiene (Health Service), one year beginning September 1, 1949, $4000 (9-9-49).

WOODMAN, E. M., Assistant Professor, Education, two years beginning September 1, 1949, to render service during two semesters of each academic year, $4500 a year (8-10-49).

WUERKER, RUDOLPH G., Assistant Professor, Mining Engineering (Mining and Metallurgical Engineering) (C), academic year beginning September 1, 1949, $4800 (9-10-49).

ZAHORSKY, MRS. METTA M., Instructor, Home Economics Education (½), academic year beginning September 1, 1949, $1930 (8-17-49).

ZIELESCH, MARGUERITE R., Instructor, Physics (Pharmacy), academic year beginning September 1, 1949, $3900 (8-17-49).

ZIVIN, SIMON, Clinical Assistant, Medicine (Medicine), June 23, 1949-August 31, 1950, without salary (8-10-49).

GRADUATE FELLOWS

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

BHASKAR, SURINDAR N., United States Public Health Service Research Fellow, Histology (Dentistry), eleven months beginning October 1, 1949, $300 a month, supersedes (9-21-49).

BLICKENSTAFF, DELBERT, Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1949, $1800 (9-16-49).

BLOSSER, LLOYD G., Ethyl Corporation Fellow, Chemical Engineering, nine months beginning September 16, 1949, $1200 (8-1-49).

BURNS, RICHARD O., JR., Research Fellow, Physiology (Medicine), two months beginning July 1, 1949, $166.66 a month (8-10-49).

CARNAHAN, ROBERT E., Minnesota Mining and Manufacturing Company Fellow, Chemistry, nine months beginning September 16, 1949, $1200 (8-1-49).

CAZORT, RALPH J., E. R. Squibb and Sons Research Fellow, Pharmacology (Medicine), ten months beginning September 1, 1949, $1200 (9-16-49).
CHANG, HSIOH-TEH, Fellow, Medicine (Medicine), one year beginning September 1, 1949, $1800 (9-6-49).
DENTON, ROBERT W., National Cancer Institute Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1949, $1800 (9-16-49).
FOX, JOAN, United States Public Health Service Fellow, Psychology (Psychiatry) (Medicine), one year beginning July 1, 1949, $2000 (8-10-49).
GILL, KATHARINE T., Fellow, English, nine months beginning September 16, 1949, $425 first semester, and $500 second semester, supersedes (8-12-49).
GRUBGELD, LESTER E., Lakeland Foundation Research Fellow, Clinical Science (Medicine), August 1, 1949-August 31, 1950, $150 a month (9-16-49).
JUSTER, RUBIN J., United States Public Health Service Research Fellow, Physiology (Medicine), six months beginning July 1, 1949, $750 (8-10-49).
KAMMLADE, WILLIAM G., JR., Wright Fellow, Animal Science, nine months beginning September 16, 1949, $850 (8-29-49).
KIM, KWANG-SUH, G. D. Searle Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1949, $1800 (9-16-49).
KNAKE, ELLERY L., Wright Fellow, Agronomy, nine months beginning September 16, 1949, $700 (8-11-49).
KYLE, ROBERT H., Research Fellow, Medicine (Medicine), August 9-December 31, 1949, without salary (9-21-49).
LANE, ARDELLE, National Cancer Institute Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1949, $1800 (9-16-49).
LE BEAU, LEON, Bowman Research Fellow, Bacteriology (Medicine), one year beginning September 1, 1949, $1800 (9-15-49).
LITTMAN, ARMAND, G. D. Searle Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1949, $1200 (9-16-49).
MARSHALL, JOHN M., JR., Bristol Laboratories Research Fellow, Pathology (Medicine), one year beginning September 1, 1949, $1800 (8-17-49).
MILLEN, HUGH M., National Institute of Health Research Fellow, Clinical Science (Medicine), one month beginning September 1, 1949, $60 (9-16-49).
MOON, PYUNG K., Research Fellow, Clinical Science (Medicine), one year beginning July 1, 1949, without salary (8-19-49).
POLLI, JOHN F., Research Fellow, Division of Toxicology (Medicine), one year beginning September 1, 1949, $1800 (9-21-49).
RIENER, EDWARD F. C., Fellow, Chemistry, nine months beginning September 16, 1949, $925, supersedes (8-9-49).
ROESER, ERWIN H., Research Fellow, Surgery (Medicine), one year beginning July 1, 1949, $1700 (8-10-49).
SHARE, ISAIAH A., Research Fellow, Clinical Science (Medicine), one year beginning August 1, 1949, $1200 (8-17-49).
SIMINOFF, PAUL, Wright Fellow, Agronomy, nine months beginning September 16, 1949, $850 (8-11-49).
WANG, C. C., Viobin Corporation Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1949, $1800 (9-16-49).
WANG, TAI K., Eli Lilly and Company Research Fellow, Bacteriology (Medicine), six months beginning July 1, 1949, $900 (8-10-49).
YEN, ANDREW T., Special Postdoctoral Fellow, Ceramic Engineering, five months beginning September 1, 1949, $1500 (9-14-49).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

ANTIA, F. P. National Institute of Health Research Fellow, Clinical Sciences (Medicine) — resignation effective 6-1-49.
ARNOLD, D. W., Extension Specialist, Division of University Extension — declination effective 9-1-49.
ATKINS, J. E., Instructor, Pediatrics (Medicine) — declination effective 9-1-49.
BENOIT, MRS. MARGIE C. T., Instructor, Art (Undergraduate Division in Chicago) — resignation effective 6-20-49.
BENTON, B. E., Professor, Manufacturing Pharmacy (Hospital Pharmacy) (Pharmacy) — declination effective 9-1-49.

BOURQUE, J. E., Assistant Professor, Physiology (Medicine) — declination effective 9-1-49.
BOWER, MRS. ANCILLA T., Circulation Assistant, Library — declination effective 9-1-49.
BRANDT, MRS. HELGA, Fellow, Psychiatry (Medicine) — resignation effective 8-31-49.
BROHM, HENRY D., Lecturer, Management (Business Organization and Operation) (Business Management Service) — resignation effective 8-31-49.
BROOKS, MARGARET, Instructor, Hygiene, Medical Adviser for Women (Undergraduate Division in Galesburg) — resignation effective 7-30-49.
BROWN, LELAND, Instructor, Business English — resignation effective 9-1-49.
BURG, MRS. SALLY T., Periodical Assistant, Library — declination effective 9-1-49.
CARNAHAN, ROBERT E., Fellow, Chemistry — resignation effective 7-24-49.
CHAPLIN, CARL EDWARD, First Assistant, Horticulture Research (S) — resignation effective 8-31-49.
CHRISTIAN, WILLIAM A., Clinical Instructor, Medicine (Medicine) — resignation effective 8-31-49.
COE, GEORGE C., Clinical Associate, Medicine (Medicine) — resignation effective 6-6-49.
COLLINS, EUNICE, Journalism, Summer Session, 1949 — cancellation effective 6-17-49.
COOPER, THOMAS H., Adjutant, Military — resignation effective 8-1-49.
DIXON, W. R., Assistant Professor, Education — declination effective 9-1-49.
DUKE, W. R., General Engineering Drawing, Summer Session, 1949 — cancellation effective 6-17-49.
FITCH, R. F., Assistant Professor, Hygiene, Medical Adviser for Men — declination effective 9-1-49.
FOOTE, E. J., Assistant Professor, Naval Science — cancellation effective 9-1-49.
FUCHS, LADISLAS, Research Instructor, Mathematics (Graduate College) — declination effective 9-1-49.
GARDNER, K. E., Dairy Production, Summer Session, 1949 — cancellation effective 6-17-49.
GARLICK, BETTY JEAN, Instructor, Home Economics (C) — resignation effective 9-1-49.
GARRISON, DOROTHA, Assistant, Geography — resignation effective 9-16-49.
GERSH, ISIDORE, Associate Professor, Pathology (Medicine) — resignation effective 8-1-49.
GILBERT, H. W., Associate Professor, Horticulture (E) — declination effective 9-149.
GILLILAN, LOIS A., Assistant Professor, Hygiene, Medical Adviser for Women — declination effective 9-1-49.
GILSTRAP, ZANE F., Assistant, English — declination effective 9-16-49.
GLUM, D. E., Instructor, Electrical Engineering (C) — declination effective 9-1-49.
GOODNER, MRS. MILDRED W., Assistant, English, Counselor, Student Counseling Bureau — resignation effective 8-15-49.
GOVINDACHARI, T. R., Research Assistant, Chemistry — resignation effective 9-1-49.
GRABER, MARVIN B., Assistant, Chemistry (Pharmacy) — resignation effective 9-1-49.
GRAMS, L. R., Clinical Instructor, Pathology (Medicine) — declination effective 9-1-49.
GRANBERG, C. B., Instructor, Manufacturing Pharmacy (Pharmacy) (Hospital Pharmacy) — declination effective 9-1-49.
GRIMSHAW, AUSTIN, Professor, Management (Business Organization and Operation) — resignation effective 9-1-49.
GWINN, KATHRYN M., Director, Welfare for Married Veterans (Division of Special Services for War Veterans) — resignation effective 9-1-49.
GYARFAS, KALMAN, Assistant Professor, Psychiatry (Medicine) — resignation effective 7-31-49.
HARDY, R. A., Research Assistant, Chemistry — resignation effective 9-1-49.
HARMS, ALFRED G., Fellow, Agricultural Economics — resignation effective 8-10-49.

HENNEMAN, ELWOOD, Research Assistant, Psychiatry (Medicine) — resignation effective 7-31-49.
HERNECHECK, L. G., Superintendent, Buildings and Grounds (Undergraduate Division in Galesburg) — resignation effective 6-30-49.
HODGES, N. D., Assistant Legal Counsel — declination effective 9-1-49.
HOPKINS, THOMAS P., Assistant, English — resignation effective 9-16-49.
JACKSON, MRS. FRANCES P., Acquisition Assistant, Library — resignation effective 8-12-49.
JENKINS, R. L., Psychiatrist, Health Service — declination effective 9-1-49.
JULIAN, R. S., Research Assistant Professor, Electrical Engineering (Graduate College) — declination effective 9-1-49.
KELL, W. G., Instructor, Accountancy — declination effective 9-1-49.
KENNEDY, R. E., Instructor, Ophthalmology (Medicine) — resignation effective 9-1-49.
KIMPEL, R. F., Special Research Associate, Ceramic Engineering (S) — declination effective 9-1-49.
KIMURA, K. K., Roche Research Fellow, Pharmacology (Medicine) — resignation effective 8-1-49.
KOCH, H. W., Research Assistant Professor, Physics (C) — declination effective 9-1-49.
KOENIG, MRS. NORMA E., Instructor, English (Undergraduate Division in Chicago) — resignation effective 9-1-49.
KOEPPE, ROGER E., Fellow, Chemistry — resignation effective 7-7-49.
KRAMER, MAX, Instructor, Mathematics — resignation effective 9-1-49.
KUHLMAN, A. F., Assistant Professor, Dairy Production (Dairy Science) (C & S) — declination effective 9-1-49.
KWICINSKI, W. J., Instructor, Full and Removable Partial Dentures (Dentistry) — declination effective 9-1-49.
LANPHIER, EDWARD H., Bristol Fellow, Pharmacology, (Medicine) — resignation effective 6-30-49.
LAW, R. W., JR., Instructor, Full and Removable Partial Dentures (Dentistry) — declination effective 9-1-49.
LAWDER, HOMER LEE, Assistant Professor, Hygiene, Assistant to the Health Officer, Health Service — resignation effective 9-1-49.
LAWRENCE, N. M., Instructor, Philosophy — resignation effective 8-31-49.
LO, A. W., Special Research Associate, Electrical Engineering (S) — declination effective 9-1-49.
LUCK, D. J., Associate Professor, Marketing (Business Organization and Operation), Research Associate Professor, Marketing (Bureau of Economic and Business Research) — declination effective 9-1-49.
MAGILL, L. M., Assistant, English, Counselor, Student Counseling Bureau — declination effective 9-16-49.
MAIN, MARJORIE, Social Welfare Administration, Summer Session, 1949 — cancellation effective 6-17-49.
MARMEL, MRS. BLOSSOM A., Research Assistant, Institute of Communications — declination effective 9-16-49.
MARSHALL, JOHN M., JR., Markle Foundation Research Fellow, Physiology (Medicine) — cancellation effective 9-1-49.
MCDONALD, R. N., Assistant Professor, Mechanical Engineering (C) — declination effective 9-1-49.
MEUTSCH, CHARLOTTE M., Assistant, Dairy Technology (Food Technology) (S) — declination effective 9-1-49.
MEYERHOF, W. E., Assistant Professor, Physics (C) — declination effective 9-1-49.
MEYERS, H. F., Instructor, Veterinary Pathology and Hygiene (Veterinary Medicine) — declination effective 9-1-49.
MICHAEL, ELLEN LOUISE, Assistant, Veterinary Pathology and Hygiene (Veterinary Medicine) — resignation effective 7-3-49.
MILES, J. C., Mechanical Engineering, Summer Session, 1949 — cancellation effective 6-17-49.
MILLER, NANCY JOAN, Assistant Extension Editor and Assistant, Agricultural Extension (E) — resignation effective 6-22-49.
MILLER, SONIA, Assistant, English — declination effective 9-16-49.

MINOR, GEORGE R., Assistant Professor, Surgery (Medicine) — resignation effective 7-27-49.
MITCHELL, W. I., Instructor, Theoretical and Applied Mechanics (C) — declination effective 9-1-49.
MONETTE, JEAN-PAUL, Research Fellow, Orthodontia (Dentistry) — declination effective 7-1-49.
MOORE, R. H., Instructor, English — resignation effective 8-31-49.
MULLEN, HARVEY, Instructor, General Engineering Drawing (C) — declination effective 9-1-49.
MURPHY, W. G., Instructor, Theoretical and Applied Mechanics (C) — declination effective 9-1-49.
MYERS, J. J., Special Research Associate, Electrical Engineering (S) — declination effective 9-1-49.
NELSON, D. E., Special Research Associate, Electrical Engineering (S) — declination effective 9-1-49.
NELSON, RAYMOND H., Research Assistant, Psychiatry (Medicine) — resignation effective 6-30-49.
NEWBOULD, E. J., Assistant Professor, Naval Science — cancellation effective 9-1-49.
NEWTON, MRS. WINIFRED C., Assistant, Veterinary Physiology and Pharmacology (Veterinary Medicine) — declination effective 9-1-49.
NYMAN, CLIFFORD O., Upjohn Company Fellow, Chemistry — resignation effective 7-1-49.
ORMISTON, E. E., Dairy Production, Summer Session, 1949 — cancellation effective 6-17-49.
ORPHAN, C. D., Counselor, Division of Special Services for War Veterans — declination effective 9-1-49.
ORUM, C. A., Flight Instructor, Institute of Aviation — declination effective 9-1-49.
PARKER, R. W., Assistant Professor, Naval Science — cancellation effective 9-1-49.
PASKUS, VINCENT J., Assistant, Naval Science — cancellation effective 8-1-49.
PETERS, RUTH M., Instructor, Home Economics Education (University High School) — declination effective 9-1-49.
PINHASIK, ANN, Assistant Catalog Librarian, rank of Instructor (Undergraduate Division in Chicago) — resignation effective 8-8-49.
POGUE, E. G., Instructor, Education, Assistant Director, Teacher Education — declination effective 9-1-49.
POMEROY, Orville R., Instructor, Electrical Engineering (C) — resignation effective 9-1-49.
PRESLEY, SOPHIE J., Research Assistant, Medicine (Medicine) — resignation effective 7-1-49.
PROEHL, C. W., Instructor, Education — declination effective 9-1-49.
PRUITT, ANNIE L., Assistant Professor, Social Welfare Administration — declination effective 9-1-49.
QUINN, MARIAN O., Instructor, Education — declination effective 9-1-49.
RABIN, RUDOLPH, Instructor, Physical Sciences (Undergraduate Division in Chicago) — resignation effective 8-31-49.
RAGAN, E. H., Assistant Professor, Crowns and Fixed Partial Dentures (Dentistry) — declination effective 9-1-49.
RIEMER, R. V., Instructor, Crowns and Fixed Partial Dentures (Dentistry) — declination effective 9-1-49.
ROGERS, PATTI E., Catalog Librarian, rank of Instructor (Undergraduate Division in Chicago) — resignation effective 9-1-49.
SALOGGA, F. W., Associate Professor, Architecture — declination effective 9-1-49.
SAMUEL, ARTHUR L., Professor, Electrical Engineering (C) — resignation effective 9-1-49.
SCHNEIDER, HORST G., Upjohn Fellow, Chemistry — resignation effective 9-1-49.
SCHRAUDENBACH, MAVIS H., Medical Adviser for Women, Assistant Professor, Hygiene — resignation effective 9-1-49.
SCHWAB, JOHN J., Fellow, Medicine — resignation effective 7-1-49.
SEARLES, SCOTT, JR., Instructor, Chemistry — declination effective 9-1-49.

SHUTT, DAROLD L., Assistant Dean of Men — resignation effective 8-31-49.
SILVER, R. J., Head Counselor, Rink Hall — resignation effective 9-1-49.
SOBOROFF, BURTON J., Clinical Assistant, Otolaryngology (Medicine) — resignation effective 7-1-49.
STEINMEYER, H. P., Assistant Professor, Pathology, Oral Pathology (Dentistry) — declination effective 9-1-49.
STEVENSON, MARY M., Assistant, English — declination effective 9-16-49.
STEVENSON, W. N., Assistant, Farm Management (Agricultural Economics) (S) — declination effective 9-1-49.
SUNDEEN, R. A., Assistant Professor, Hygiene, Medical Adviser for Men — declination effective 9-1-49.
SUNDGAARD, ARNOLD, Associate Professor, Speech — resignation effective 7-31-49.
TENER, ROBERT L., Assistant, English — resignation effective 9-16-49.
TRACY, P. H., Food Technology, Summer Session, 1949 — cancellation effective 6-17-49.
TUCKEY, S. L., Food Technology, Summer Session, 1949 — cancellation effective 6-17-49.
WALTER, O. M., Instructor, Speech — declination effective 9-1-49.
WEINBERG, JACK, U. S. Public Health Service Research Fellow, Orthodontia (Dentistry) — cancellation effective 9-1-49.
WHIKE, LOIS ANNE, Research Assistant, Institute of Labor and Industrial Relations — resignation effective 9-1-49.
WILK, HOWARD, Assistant Professor, Hygiene, Medical Adviser for Men — resignation effective 9-1-49.
WILLS, MRS. CONSTANCE W., Research Assistant, Division of Courses and Curricula (Provost's Office) — resignation effective 9-1-49.
WILSON, F. M., Instructor, Ophthalmology (Medicine) — resignation effective 9-1-49.
WILSON, JOHN S., Olin Industries, Incorporated, Fellow, Chemistry — resignation effective 9-16-49.
WILSON, MARGARET L., Fellow, Education — resignation effective 7-1-49.
WOCHNER, R. E., Assistant Professor, Bureau of Research and Service (Education) — declination effective 9-1-49.
WOODSON, BETTY J., Research Assistant, Medicine (Medicine) — resignation effective 8-25-49.
WRIGHT, HARRIET JOAN, First Assistant, Home Economics (S) — resignation effective 9-1-49.
WROTEN, HELEN I., Assistant, English — declination effective 9-16-49.
WUNDER, F. R., Instructor, Mechanical Engineering (C) — declination effective 9-1-49.

LEAVES OF ABSENCE

BECKER, ELMER L., Assistant Professor, Biological Chemistry (Medicine) — leave of absence, without salary, September 1, 1949-August 31, 1950.
ELLINGSON, ANITA M., Instructor, Applied Materia Medica and Therapeutics (Dentistry) — leave of absence, without salary, October 1, 1949-September 30, 1950.
HARRELL, T. W., Associate Professor, Psychology — leave of absence, without salary, September 1, 1949-August 31, 1950.
KELSO, RUTH, Assistant Professor, English — leave of absence, without salary, September 1, 1949-February 28, 1950.

DEGREES CONFERRED AUGUST 14, 1949

Summary

Degrees in the Graduate College:

Master of Education	6
Master of Social Work	3
Master of Arts	133
Master of Science	302
Master of Fine Arts	1
Total, Graduate College	445

Degrees in Law:	
Bachelor of Science	7
Bachelor of Laws	18
Doctor of Law	2
Total, Law	27
Baccalaureate Degrees:	
Bachelor of Science, Library School	7
Bachelor of Science, College of Agriculture	59
Bachelor of Science, College of Engineering	135
Bachelor of Arts, College of Liberal Arts and Sciences	54
Bachelor of Science, College of Liberal Arts and Sciences	85
Bachelor of Science, College of Education	23
Bachelor of Science, College of Commerce and Business Administration	119
Bachelor of Science, School of Journalism	19
Bachelor of Science, College of Fine and Applied Arts	14
Bachelor of Fine Arts, College of Fine and Applied Arts	8
Bachelor of Music, College of Fine and Applied Arts	2
Bachelor of Science, School of Physical Education	14
Bachelor of Science, Division of Special Services for War Veterans	153
Total, Baccalaureate Degrees	692
Total, Degrees Conferred	1 164

GRADUATE COLLEGE

Professional Degrees

Degree of Master of Education

JAMES CHRISTIAN ATHERTON, B.S., M.S., Louisiana State University, 1935, 1947
MELVIN CHARLES BAKER, A.B., A.M., 1932, 1937
MORRIS BERDYNE CIERLEY, B.S., Memphis State College, 1938; A.M., Columbia University, 1941
VIRGIL WAYNE GILLENWATER, B.Ed., M.S., Western Illinois State College, 1941, 1947
KEITH WELLES MCHENRY, A.B., A.M., 1927, 1934
CLARENCE CAYCE SCARBOROUGH, B.S., M.S., Alabama Polytechnic Institute, 1935, 1940

Degree of Master of Social Work

ANNE KOPP HYMAN, B.S.S., University of Chicago, 1947
BILLY WOMACK TUCKER, B.S., 1946
IRMA FAIRCHILD WILBUR, A.B., 1932

Degree of Master of Arts

In Architecture

MAURICE ROBERT DESMARAIS, B.S., 1948

In Classics

DELVIN L. COVEY, A.B., Greenville College, 1942
JOSEPHINE ANITA ROBINSON, B.S., 1943

In Economics

LEO HERZEL, A.B., University of Iowa, 1947
JOHN SAGAN, JR., A.B., Ohio Wesleyan University, 1948

In Education

EDWARD CHARLES ANDERSON, A.B., De Paul University, 1944
WENDELL GAYLORD ANDERSON, B.Ed., Illinois State Normal University, 1943
VAUGHN ELIAS ARMER, B.Ed., Eastern Illinois State College, 1934

NOBLE ARNOLD, JR., B.S., Northern Illinois State Teachers College, 1945
MAMIE LORRAINE STAFFORD AUSTIN, A.B., Stowe Teachers College, 1945
VEDA ALICE BALLEIN, B.Ed., Illinois State Normal University, 1935
OSCAR ARTHUR BAY, JR., A.B., Culver-Stockton College, 1941
THOMAS EDISON BONNER, B.S., Lincoln University, 1943
PAUL KENNETH BOULDING, A.B., Geneva College, 1926
NEVILLE BYRON BOZARTH, A.B., 1940
LOIS LAVONNE BRANDT, B.S., 1948
GERALD ALLEN BUCHANAN, B.Ed., Southern Illinois University, 1940
WILBERT EUGENE BURGER, B.S., 1945
CHESTER WARREN BURNS, A.B., Carthage College, 1934
WILLIAM FRASER CONNELL, A.B., B.Ed., A.M., Ed.M., University of Melbourne, 1937, 1939, 1941, 1944; Ph.D., University of London, 1948
BRUCE HORACE COULTAS, B.S., 1948
LILLIE BELLE COURTRIGHT, B.S., 1941
MARTHA ANN DAILY, B.S., 1947
MAMIE RUTH LEE DONALDSON, A.B., University of Michigan, 1928
PAUL ANSON DOOLITTLE, A.B., Indiana Central College, 1934
JAMES KENNETH FISSEL, B.S., 1944
JOAN RUTH FRINTZ, B.F.A., 1948
LUANNA KATHERINE GOULD, B.Ed., Northern Illinois State Teachers College, 1938
OPHELIA JUANITA GREENLEE, A.B., Stowe Teachers College, 1947
ELSIE GENEVIEVE GURNETT, B.Ed., Northern Illinois State Teachers College, 1943
HELEN ZICK GUTHRIE, A.B., 1925
HAROLD DALE HALL, B.Ed., Eastern Illinois State College, 1942
HARRY FREDERICK HALL, A.B., Carthage College, 1939
CAROL TROY HARKER, B.S., Southern Illinois University, 1947
JOSEPH CAMOVITCH HARRIS, A.B., McKendree College, 1933
VIRGINIA HINCHLIFF, A.B., Knox College, 1932
ELLA ELIZABETH HISE, B.Ed., Southern Illinois University, 1940
CHESTER AURELIUS HODGES, JR., A.B., Stowe Teachers College, 1943
MAUD DELANIE HOLLINGSHEAD, B.S., 1946
CLARYCE LOUISE HOLMBERG, B.Ed., Chicago Teachers College, 1946
CHARLES LELAND HORTIN, A.B., McKendree College, 1938
DAVID MUNRO JACKSON, A.B., 1948
FLORENCE STUMPF JAENKE, B.S., 1943
ROLLAND WYETTE JONES, B.Ed., Eastern Illinois State College, 1938
ODEN BROWN JORDAL, B.Ed., Northern Illinois State Teachers College, 1937
IDA IRENE KING, B.S., Wilberforce University, 1946
ROBERT FRANK KURRUS, A.B., McKendree College, 1933
GERALD ARNOLD KUSTER, B.Ed., Illinois State Normal University, 1939
NANNA JESSIE LAMBERT, B.S., Washington University, 1940
BETTY ILEANE LANE, A.B., Shurtleff College, 1942
HATTIE WILRENE LASH, A.B., Stowe Teachers College, 1935
LEROY MCBRIDE, B.Ed., Southern Illinois University, 1939
EDWIN MERKELBACH, B.S., James Millikin University, 1932
LOREN JOSEPH MILLER, B.S., 1948
MARION MAXINE MITCHELL, A.B., Stowe Teachers College, 1947
NOLA MAE MORGAN, A.B., Stowe Teachers College, 1942
ARLENE CHRISTINE MURDOCK, B.S., 1948
LENA MAE NOBLE, A.B., 1941
LLOYD DEWEY NORMAN, B.Ed., Southern Illinois University, 1937
OSCAR COLEMAN O'HARA, B.Ed., Northern Illinois State Teachers College, 1942
KENNETH EDWIN PEARSON, B.Ed., Northern Illinois State Teachers College, 1935
CHESTER ELLIS QUINN, A.B., Eureka College, 1939
ZELDA MILLER REED, B.S., 1945
THEODORE IRVING RICCI, JR., B.S., A.M., Boston University, 1941, 1942
EVA JANETTE ROPER, B.S., 1944
EVELYN JEAN ROPP, B.S., 1947
ROBERT FRANKLIN SEAMAN, B.S., 1947
JAMES ROSS SHIPLEY, B.F.A., Cleveland School of Art, 1935; B.S., Western Reserve University, 1936

SICILY ANN SMEDSVIK, B.S., Oregon State College, 1948
WOODROW JENNINGS SWARTZBAUGH, B.Ed., Western Illinois State College, 1936
NOBLE BARTON THOMAS, B.S., 1946
INABELL TRUEBLOOD, A.B., James Millikin University, 1941
EMILY MARY TYLER, A.B., Stowe Teachers College, 1947
NELLIE VAUGHN, A.B., Stowe Teachers College, 1938
NOVELITE LILA WASHINGTON, A.B., Stowe Teachers College, 1947
RUTH HELEN WEIMER, A.B., 1948
CLARENCE THOMAS WEIR, A.B., Culver-Stockton College, 1941
CLARA WILLIAMS, A.B., Stowe Teachers College, 1946
DOROTHY MAE WILLIAMS, A.B., Stowe Teachers College, 1947
SARA CHARLOTTE MORGAN WILLIAMS, A.B., Stowe Teachers College, 1933
KENNETH LAMOINE WILSON, A.B., McKendree College, 1936
WARREN EUGENE WILTSIE, A.B., Knox College, 1938
DOYNE EDMOND WINTERROWD, A.B., McKendree College, 1938
THAMOUS LEE WOOTEN, A.B., Arkansas Agricultural, Mechanical, and Normal College, 1940
JAMES FRANKLIN YATES, B.S., Southern Illinois University, 1944
DELBERT E. ZIMMERMAN, B.S., Southern Illinois University, 1947

In English

JEANNETTE KLEMOLA CHANG, A.B., 1947
JOHN BURT FOSTER, A.B., Swarthmore College, 1933
BERNETTA MARIA JACKSON, A.B., McKendree College, 1935
STEPHEN DANIEL JAMES, A.B., 1948
GEORGE BACHE PAPPAS, JR., B.S., University of Wisconsin, 1947

In French

ELLIS GIBSON PORTER, A.B., University of Virginia, 1945

In Geography

BELLE VINA SOUTH, B.S., 1939
LEON THOMAS STEWART, B.Ed., Eastern Illinois State College, 1941

In Geology

RICHARD LOWELL THREET, B.S., A.B., 1947

In History

ELIZABETH RUTH BAUGHMAN, B.S., Eastern Illinois State College, 1948
ERNEST JAMES BOLD, A.B., Gannon College, 1948
ALDO VESPASIAN CAROZZA, A.B., 1948
PINCKNEY MILLER MAYFIELD, B.S., Southeast Missouri State College, 1947
FRANKLIN DALLAS PARKER, A.B., Greenville College, 1939
DAVID ASHER WAAS, B.S., Manchester College, 1947
MARY LOUISE WALKER, A.B., Lake Erie College, 1948

In Home Economics

MARIE GRACE GANTZERT, A.B., North Central College, 1933

In Labor and Industrial Relations

AMRITDHARI SINGH, A.B., A.M., Patna University, 1942, 1944
DONALD DARCY WYVELL, A.B., University of Denver, 1946

In Mathematics

SHIGERU ISHII, A.B., 1949
RICHARD EDWIN JANSSEN, A.B., Hastings College, 1947
MITSURU KADOYAMA, A.B., North Central College, 1948
MAHMUD KARIMZADA, B.S., Kabul University, 1946
WILLIAM ALEXANDER MICHAEL, JR., A.B., 1948
VERAS DEAN TURNER, B.S., Northwestern University, 1946
DOROTHY MAE WILSON, A.B., Olivet College, 1944

In Philosophy

THOMAS PATTERSON HARDEMAN, B.S., Murray State Teachers College, 1947
THOMAS MORRIS HAYNES, A.B., Butler University, 1941

In Physics

RAYMOND FARWELL GOODRICH, A.B., Miami University, 1948

In Political Science

JOHN KARL HOTUIZ, A.B., 1948
DWIGHT BOYD MITCHELL, A.B., 1948
JOHN PETER SYDOR, JR., A.B., 1948

In Psychology

JUNE BRAMLET ERWIN, B.S., 1947
IRENE FLORENCE KENTNER, A.B., University of Manitoba, 1943
JULIUS WILLIAM KLING, B.S., 1948
EDWIN DAVID LEVIN, A.B., 1948
GILBERT WALTER MEIER, A.B., Washington University, 1948

In Social Sciences

SHIRLEY EUGENIA BROWN, A.B., Langston University, 1948
LESLIE BLAINE CANTERBURY, B.S., 1947
AUBREY LLOYD PULLIAM, B.S., University of Missouri, 1938
ROBERT RUSH RANKEN, A.B., Muhlenberg College, 1947

In Speech

MARGARET ANN THOMPSON, A.B., B.S., 1939, 1940
LORENA ROSS WALTER, A.B., 1946

In the Teaching of English

GEORGE DOUGLAS WATERFORD, B.S., Tuskegee Institute, 1935

In the Teaching of Social Studies

MITCHELL LAWRENCE KOSTRO, B.S., 1948

In Zoology

JOHN KENNETH TURNER, A.B., James Millikin University, 1947

Degree of Master of Science

In Accountancy

FREDERICK CLARENCE FORD, B.S., 1948
DUDGEON BRENTNALL GIEZENTANNER, B.S., University of Oklahoma, 1939
EDWARD ELDON JUDY, B.Ed., Illinois State Normal University, 1939
JOHN DANIEL O'NEILL, B.S., Creighton University, 1948
DONALD HARVEY SKADDEN, B.S., 1948
JOHN EDWARD WHITE, B.S., 1948

In Agricultural Economics

GORDON CHARLES KLEIMAN, B.S., Western Illinois State College, 1948
THEODORE IRVIN MCCARTY, B.S., 1948
HOWARD FRANKLIN ROBINSON, B.S., Agricultural and Technical College of North Carolina, 1948
THOMAS THACKERY WILLIAMS, B.S., Agricultural and Technical College of North Carolina, 1948

In Agricultural Engineering

MAURICE LEROY BURGENER, B.S., 1948
BEVERLY JACK BUTLER, B.S., 1948

In Agronomy

PAULO DE AGUIAR GODOY, Diploma in Agronomy, University of Sao Paulo, 1942
ERNST HENRY GUMMERSHEIMER, B.S., 1928
JAMES MELVIN HOLLEY, B.S., Agricultural and Technical College of North Carolina, 1946
ROBERT J. METZGER, B.S., 1948
LEONARD OTIS PAYNE, B.S., University of Florida, 1942
WILLIAM MAX ROSS, B.S., 1948
PAUL KENNETH SHERWOOD, B.S., 1948
PAUL SIMINOFF, B.S., Michigan State College, 1948

In Animal Nutrition

ROBERT FRANK BUTZOW, B.S., 1947

In Animal Science

GENEVA JUNE BAUM, B.S., 1947
WILLIAM GARFIELD KAMMLADE, JR., B.S., 1948
MYRON WILLIAM PASVOGEL, B.S., 1936

In Architectural Engineering

GERARD ELMER GRAY, B.S., Agricultural and Technical College of North Carolina, 1942
JOHN HARE JELLIFFE, B.S., 1948
HENRY LOUIS THURMAN, JR., B.S., Hampton Institute, 1947

In Bacteriology

MISCHA ELLIOT FRIEDMAN, B.S., University of Massachusetts, 1948
ABE PITAL, B.S., 1948
EDWARD JOSEPH THOMAS RDZOK, B.S., University of Notre Dame, 1948
IRVING LOUIS SHKLAIR, B.S., 1948

In Biological Science

VERNON CLEM BEIER, B.Ed., Illinois State Normal University, 1938

In Ceramic Engineering

EDWIN KEITH JENSEN, B.S., 1948

In Chemical Engineering

JOHN GEORGE HOFFMAN, JR., B.S., Oregon State College, 1935
JOHN ROBERT HOFTO, B.S., University of North Dakota, 1948
ERLE SANBORN HUSE, B.S., University of New Hampshire, 1945
MAX DALE KELLEY, B.S., 1948
WILLIAM ALEXANDER WIER, JR., B.S., Davidson College, 1947

In Chemistry

NANCY JANE ARMSTRONG, A.B., B.S., 1947, 1948
ROY HENDERSON BIBLE, JR., B.S., Virginia Polytechnic Institute, 1948
HOMER JAMES BIRCH, B.S., Youngstown College, 1941
CARLOS CARIDAD, Chem.Eng., National University of Mexico, 1944
SAUL MARK COHEN, B.S., University of Massachusetts, 1948
JOHN GEORGE FRICK, JR., B.S., Loyola University, 1948
RALPH GHER, JR., A.B., 1948
ALLAN DALE GOTT, B.S., University of the South, 1948
FRANK BRITT HAUSERMAN, B.S., University of Michigan, 1947
WALTER HENRY JURA, A.B., American International College, 1946
JOHN RALPH KUEBLER, JR., B.S., University of Wisconsin, 1948
JOSEPH LARNER, A.B., University of Michigan, 1942; M.D., Columbia University, 1945
VIRGINIA CAROLINE MENIKHEIM, B.S., Butler University, 1941
CAL YALE MEYERS, A.B., Cornell University, 1948

THOMAS GORE MILLER, A.B., Miami University, 1948
EZIO ANTHONY MOSCATELLI, A.B., Columbia University, 1948
ERNEST D. NICOLAIDES, B.S., Monmouth College, 1948
EUGENE RICHARD NIGHTINGALE, JR., B.S., 1948
MARGARET FRANCES POLGLASE, B.S., Keuka College, 1942
LUCILLE MARILYN RICHARDSON, A.B., Albion College, 1948
KENNETH ARTHUR SCHOWALTER, B.S., Missouri School of Mines and Metallurgy, 1942
SHELDON SUMNER SIMON, B.S., University of Massachusetts, 1948
CHARLES JACKSON STRICKLER, B.S., Purdue University, 1942
RUTH ELIZABETH TENNES, B.S., 1942
JOHN SHIRLEY WILSON, B.Ed., Eastern Illinois State College, 1942
CHARLES NATHAN WINNICK, B.S., Massachusetts Institute of Technology, 1948

In Civil Engineering

EDWARD DARWIN EBERT, B.S., 1939
JOHN DAVID HALTIWANGER, B.S., University of South Carolina, 1945
EMILIO ROSENBLUETH, C.E., University of Mexico, 1948

In Clinical Psychology

LIONEL MORDECAI LAZOWICK, B.S., Roosevelt College, 1948
CORINNE SYLVIA ROSEN, B.S., 1947
FLORENCE ROSENTHAL, B.S., 1946
JEROME MYER YALOWITZ, B.S., 1948

In Dairy Science

STEPHEN JOHNSON SPECK, B.S., 1943

In Dairy Technology

CHRISTIAN JOSEPH DUPUY, B.S., 1948

In Economics

HERBERT HOLMES MOEDE, B.S., 1943

In Education

JOHN JAY AIKEN, B.S., Kansas State Teachers College of Pittsburg, 1939
GEORGE TAFT BAKER, B.Ed., Southern Illinois University, 1941
PYRLE GALE BARCLAY, B.Ed., Illinois State Normal University, 1942
JAMES EMERSON BARKER, A.B., Lincoln University, 1939
ROBERT ADAIR BLACKWOOD, B.S., 1948
FRED OGDEN BOHN, B.Ed., Eastern Illinois State College, 1939
MARGARETTE RAMSEY BOOTHE, B.S., Bluefield State College, 1937
EDWARD HILDRETH BOYER, B.Ed., Southern Illinois University, 1947
JOHN WAGNER BROWN, B.S., 1936
HOWARD BUNDY, B.S., Southern Illinois University, 1947
GLENN OTIS BURGER, B.S., James Millikin University, 1946
RAYMOND ARTHUR CISZEK, B.S., 1947
DALE MILTON CLINE, B.Ed., Illinois State Normal University, 1938
WILLIAM WELLINGTON COLBY, A.B., 1933
JANE CORDELL, B.S., 1947
WILLIAM JACKSON COX, B.Ed., Southern Illinois University, 1941
JOSEPH CARROLL DEATON, B.Ed., Southern Illinois University, 1941
VERA LOIS GOODWIN DOUGLAS, B.S., Illinois Wesleyan University, 1924
JACK LYLE EYERLY, B.S., 1943
ARTHUR TODD FOUTY, B.S., 1947
STEVE GIACOMELLI, B.S., Southern Illinois University, 1947
ARVELLA TOLES GOODEN, B.S., Bluefield State College, 1943
WIRTH EVERETT GUSTAFSON, B.S., Northern Illinois State Teachers College, 1935
JAMES LEROY HANKS, B.S., Eastern Illinois State College, 1947
PHILLIP ILIFFE HARDY, B.S., 1940
RUTH MAE HELLIGAS, B.S., 1944

MELVIN JOHN HENTZE, B.Ed., Southern Illinois University, 1940
BERNADINE CATHERINE HETTINGER, B.S., 1939
MAX EARL HIETT, B.S., 1948
RAMON C. HILL, B.S., LeMoyne College, 1939
LUELLA STONE HOFSTETTER, B.S., 1943
MARY ALICE HOLLIS, B.S., Bradley University, 1940
WILLIAM MACFERRAN HUGHES, B.Ed., Western Illinois State College, 1939
ROSS EVERETT HULMES, JR., B.Ed., Northern Illinois State Teachers College, 1943
LILLIAN LEETHA IRONS, B.S., Langston University, 1944
VELMA ELLEANOR IRVING, B.S., Lincoln University, 1942
CARRIE MAE IRWIN, B.S., Illinois State Normal University, 1945
VINCENT LEE JAMES, B.S., 1942
WILLIAM ATWELL JENKINS, B.S., New York University, 1948
ANNA KASPAR, B.S., 1943
JAMES ALLISON KEITH, B.S., 1948
ROSELLA MATTIE KEPHART, B.S., 1944
CHARLES KEYSER, B.S., 1941
CHARLES MILTON KILE, B.S., Southern Illinois University, 1944
GALEN DEAN KINTNER, B.S., Illinois State Normal University, 1947
SAMUEL LEWIS KOHR, JR., B.S., James Millikin University, 1936
BARTLETT HERMAN LASHBROOK, B.Ed., Western Illinois State College, 1938
MABLE ANN LAWLER, A.B., St. Ambrose College, 1944
MURNEY MYLES LAZIER, B.S., 1949
MARTHA LOU LEER, A.B., Georgetown College, 1939
REXFORD GARDNER LEWIS, B.S., 1944
CLETIS J. LITTLE, B.Ed., Eastern Illinois State College, 1931
CHARLES PATRICK MARTIN, JR., B.S., 1949
JOHN GREGORY MARTIN, A.B., Beloit College, 1943
JOSEPHINE ANISE MATHEWS, B.S., Illinois State Normal University, 1946
WALTER EMERSON MCALLISTER, B.Ed., Eastern Illinois State College, 1943
DENVER W. MCDONALD, B.Ed., Southern Illinois University, 1941
WILLIAM CAREY MCGREGOR, B.S., East Tennessee State College, 1935
THOMAS RICHARD MILLER, B.S., 1941
EDITH CRISS MINICH, B.S., Florida Southern College, 1947
WALTER JOHN MOLO, JR., B.S., 1948
ZELLA ZAE MOREHOUSE, B.Ed., Northern Illinois State Teachers College, 1939
ELIZABETH CLAY MORRIS, B.S., Central Missouri State College, 1925
ADELE PAULINE MYLASHUS, A.B., 1936
JOHN LOUIS NASH, B.Ed., Eastern Illinois State College, 1938
VIRGIL ARMOND NEWLIN, B.Ed., Illinois State Normal University, 1941
EUNICE MARTHA O'MALIA, B.S., 1940
CONSTANTINE DENNIS ORPHAN, B.S., 1948
WARREN TAYLOR PAGE, JR., B.Ed., Western Illinois State College, 1941
LONNIE FERON PARR, JR., B.S., 1939
NELLO ANTHONY PETERSANTI, B.S., Stout Institute, 1937
BARBARA JOSEPHINE PETZ, B.S., Illinois State Normal University, 1945
BERT COLEY PIGGOTT, B.S., 1947
WARREN PAVEY POLLEY, B.S., Illinois State Normal University, 1945
DORIS LUCILE RAY, B.S., 1937
DONALD CHRISTIAN ROCKE, B.Ed., Illinois State Normal University, 1940; B.S., 1941
ESTHER FULLERTON ROSE, B.S., 1946
WILLIAM HENRY ROSSO, B.S., 1942
HERSCHEL VESPER ROWE, B.S., Northeast Missouri State Teachers College, 1942
LOUIS SCHIFF, B.S., 1942
ROBERT LEE SCHRAUDT, B.S., 1948
MARION GERALDINE SHERIFF, B.S., 1949
PAUL THOMPSON SHIELDS, B.Ed., Eastern Illinois State College, 1931
MELVIN TRACY SNYDER, A.B., Shepherd College, 1940
LLOYD DALE SOLOMON, B.S., Illinois State Normal University, 1947
SELMA IRENE SOUTHWICK, B.S., University of Missouri, 1942
GEORGE FRANCIS SPIRDUSO, B.S., Illinois State Normal University, 1946
LYLE L. STIREWALT, B.Ed., Eastern Illinois State College, 1936

CHARLES BENEDICT THUOT, B.S., 1946
HOSEA LUCIUS TILLOTSON, B.Ed., Illinois State Normal University, 1925
HELEN WALTERS TOLLIVER, B.Ed., Eastern Illinois State College, 1939
CHARLES MERRELL TOLMAN, B.S., Northeast Missouri State Teachers College, 1940
ARNOLD WALLS TRAYLOR, B.S., Purdue University, 1948
BEATRICE HEDLUND TUCKER, B.S., 1945
WILLIAM ELDIN TWICHELL, B.S., 1948
HAROLD EUGENE VANCE, B.Ed., Western Illinois State College, 1939
CORNELIUS VERSTEEG, A.B., Huron College, 1932
JOHN EUGENE WALDRIP, B.Ed., Eastern Illinois State College, 1939
JOE DEE WARD, B.Ed., Eastern Illinois State College, 1941
HAZEL LISTON WATERFORD, B.S., Langston University, 1938
DWIGHT BENSYL WILKEY, B.S., 1947
HAROLD DEAN WIMBERLY, B.S., Illinois Wesleyan University, 1943
ROSE HELEN WIRCHAK, B.S., 1929
HARVEY SMITH WOODS, B.S., Southern Illinois University, 1947
JENNIE ADRAS WORTHINGTON, B.S., Illinois State Normal University, 1945
JAMES OMAR YEAZEL, B.S., 1933
LESTER MILEN ZINSER, B.S., 1948
BERWYN GHLEE ZUCK, B.Ed., Western Illinois State College, 1941

In Electrical Engineering

NAIM MOSTAFA ABOU-TALEB, B.S., Farouk I University, 1947
DANIEL SYLVESTER BABB, B.S., South Dakota School of Mines and Technology, 1929; B.S., South Dakota Northern State Teachers College, 1934
RENO VICTOR BENAGLIO, B.E.E., University of Detroit, 1948
ROBERT ALEXANDER SAUNDERS DINGWALL, B.S., University of Alberta, 1948
RICHARD WALLACE FETTER, B.S., 1948
JOHN KENNETH GILES, B.S., Georgia School of Technology, 1945
DANIEL FRANK HANG, B.S., 1941
IRVING KAUFMAN, B.E., Vanderbilt University, 1945
ROBERT EUGENE LEPIC, B.S., 1948
THOMAS REILLY O'MEARA, B.S., 1948
HAROLD KENDLE POLK, B.S., Purdue University, 1934
JOHN KENNETH RECORDS, B.S., University of Cincinnati, 1948
RAY M. WAINWRIGHT, B.S., Montana State College, 1936

In Entomology

MAX DONALD COUCH, B.S., 1948

In Geography

PHILLIP MAXWELL BUSCH, B.S., 1948
JAMES ORVEL EDMONDSON, B.S., Southern Illinois University, 1947
ALPHA DOMENICO PERFETTI, B.S., Eastern Illinois State College, 1948

In Geology

JOHN ALLEN BROPHY, A.B., 1948
JAMES HAROLD FISHER, A.B., 1943
JEAN MARIE GEISLER, B.S., 1948

In Home Economics

ALICE CRUSE CROUCH, B.Ed., Eastern Illinois State College, 1937
BERNICE IRENE JANSSEN, B.S., Western Illinois State College, 1941
VIRGINIA MAXINE KENEIPP, B.S., 1946
MILLICENT VERNIE MARTIN, B.S., 1947
DAISY PICK, B.S., Iowa State College, 1935

In Horticulture

SIDNEY JOSH BERNSTEIN, B.S., 1948
CAROLYN RUTH BLUHM, B.S., 1948
DONALD DALE HICKMAN, B.S., University of Missouri, 1948
WILLIAM HERBERT SNYDER, B.S., South Dakota State College of Agriculture and Mechanic Arts, 1948

In Journalism

JOE ROBERT PATRICK, B.S., 1947
NATHAN ROSEN, B.S., 1948
FRANK BENEDICT SENGER, JR., B.S., 1940
WILLARD LINN THOMPSON, B.S., 1937
MELVIN CHARLES WASKIN, B.S., 1948

In Library Science

HERMAN FREDERIC ALWIN, A.B., Lawrence College, 1933
JAMES CRANDALL ANDREWS, B.S., University of North Carolina, 1946; B.S.(L.S.), 1947
ELIZABETH RUTH BANTZ, B.S., South Dakota Northern State Teachers College, 1935; B.S., University of Minnesota, 1945
RICHARD EARL CHAPIN, A.B., Wabash College, 1948
JOSEPHINE MARIE COWLES, B.S., Ottawa University, 1928; B.S.(L.S.), 1936
CHARLES MORGAN DANIEL, JR., A.B., North Texas State Teachers College, 1948
DENA AGNES DOMENICALI, A.B., University of New Mexico, 1948
RAY WILLIAM FRANTZ, JR., A.B., University of Nebraska, 1948
MARIAN LUCIA JAMES, A.B., North Carolina College, 1945
EDWARD GLENN LINKHART, A.B., Ohio State University, 1947
BARBARA JEANNE RIGGIN, A.B., Ball State Teachers College, 1948
HENRY GRADY SHEAROUSE, JR., B.S., Georgia Teachers College, 1945; A.B.(L.S.), Emory University, 1947
MOLLIE LAY SITTNER, A.B., Walla Walla College, 1925; B.S.(L.S.), University of Washington, 1929
PAUL MILTON SMITH, JR., A.B., St. Augustine's College, 1941; B.S.(L.S.), North Carolina College, 1947
FRANCIS CHARLES TAYLOR, A.B., Lehigh University, 1947; B.S.(L.S.), 1948
RUTH ANISA WARNOCK, A.B., Muskingum College, 1909; B.S., Kansas State Teachers College of Pittsburg, 1928; A.M., University of Kansas, 1936
SOPHIE MARY BEATRICE WOJCIKIEWICZ, A.B., De Paul University, 1948

In Management

WILLIAM KELSO DOWLING, B.S., 1948
DONALD FOSTER HARLAND, B.S., Western Illinois State College, 1946
ROBERT FOX TUREK, B.S., University of Nebraska, 1948

In Marketing

ROBERT PAUL BALDWIN, JR., A.B., Southwestern College, 1948
CHARLES MERLE CRAWFORD, B.S., 1948
ROBB ROY RUEB, B.S., Western Illinois State College, 1946

In Mathematics

IRMGARD ANTHOFER, B.S., 1945
RICHARD JARDINE ARTHUR, B.S., Purdue University, 1948
PHYLLIS JEANNE BROWN, B.S., Ursinus College, 1948
FRED J. CLARK, JR., B.S., Colorado State College of Agricultural and Mechanical Arts, 1948
ROBERT JOEL WISNER, B.S., 1948

In Mechanical Engineering

CLARENCE LAVERNE BROWN, JR., B.S., 1949
GEORGE HENRY GREEN, B.Eng., University of Saskatchewan, 1944
CYRUS DALE GREFFE, B.S., 1940
HERBERT CRITTENDEN JOHNSON, B.S., South Dakota State College of Agriculture and Mechanic Arts, 1941
EDWARD OSCAR JONES, JR., B.S., Alabama Polytechnic Institute, 1943, 1946
BHABATOSH MUKHERJEE, B.M.E., College of Engineering and Technology (Bengal, India), 1945
ROBERT HERMAN WEIGEL, B.M.E., University of Louisville, 1939
JOHN LONG WHISENAND, B.S., 1942

In Metallurgical Engineering

STEWART WILLIAM SANDBERG, JR., B.S., 1948

In Music Education

EDWARD CLAYTON LEWIS, JR., B.Mus., West Virginia State College, 1939
WILLIAM LOUIS LUCKA, B.Mus.Ed., James Millikin University, 1940
EUGENE JACKSON MOORE, B.S., 1941
DANIEL JOSEPH PERRINO, B.S., 1948
LEONA SPEER PITZER, B.S., 1939
VERROLLTON CONNER SHAUL, A.B., Indiana Central College, 1936
SISTER ROSE CATHERINE NICELY, B.S., Bush Conservatory, 1932

In Physical Education

OSCAR WAY ADAMS, B.S., 1948
PETER ROBERT BERRAFATO, B.S., George Williams College, 1946
WILBUR LYLE CODDINGTON, B.S., Eureka College, 1933
VERDIE THOMAS COX, B.Ed., Southern Illinois University, 1942
SHELDON LEROY FORDHAM, B.S., 1941
JOHN AUSTIN HARMON, A.B., McKendree College, 1940
DONALD WILLIAM KRIECHBAUM, B.Ed., Northern Illinois State Teachers College, 1943
WILLIAM FRANK LUTZ, A.B., Lake Forest College, 1933
ROBERT EVERETT MCADAM, B.S., De Paul University, 1948
FRANCES ANN MCPHERSON, B.S., University of Nebraska, 1945
RENE HERMAN ROCHELLE, B.S., 1948
RAYMOND JOHN RUNKLE, B.S., Pennsylvania State College, 1939
MARCIA ARLENE SHURTE, B.S., 1946
WILLIAM HOMER SMITH, B.S., Northern Illinois State Teachers College, 1947
TRACY TRIPP, JR., B.S., Springfield College, 1943
HEWEY EDGAR TWEEDY, B.S., Southern Illinois University, 1945
WAYNE DANIEL VAN HUSS, B.Ed., Illinois State Normal University, 1939
WALLACE WILLIAM WADINGTON, B.S., Illinois Wesleyan University, 1945
ALBIN PAUL WARNER, B.S., 1948
CHARLES LAWSON WHITE, B.S., Rocky Mountain College, 1948

In Physics

CHARLES AUGUSTUS MCCLURE, A.B., Oberlin College, 1943
LILA MAE WELLS, A.B., 1948

In Physiology

JANE FRANCES EMELE, B.S., Upsala College, 1947
STEWART WALTER FREYBURGER, B.S., 1948
GEORGE RUBIN, B.S., College of the City of New York, 1948

In Sanitary Engineering

CECIL WENDELL BROWNING, B.S., 1948

In the Teaching of Biological Science and General Science

JOHN WILLIAM LAFIEF, B.Ed., Southern Illinois University, 1940
DWIGHT READ MILNE, JR., B.S., 1948
CAROLYN FINK OSINSKI, A.B., 1946

In the Teaching of Mathematics

RAYMOND EDWARD CARROLL, A.B., New York State College for Teachers, 1941
SAMUEL HOUSAN GRAY, A.B., Centre College, 1948
LEROY WILLIAM KIRK, B.S., Langston University, 1948
RUTH HICKS MCCLURE, A.B., Oberlin College, 1945
JAMES WALTER PETTUS, A.B., Langston University, 1947

In Theoretical and Applied Mechanics

BERNARD CAHILL HANLEY, B.S., 1941
ALPHEUS QUINLEY MOWBRAY, JR., B.M.E., University of Delaware, 1943

In Zoology

DANIEL BELASCO COMROE, B.S., 1947
FRANK JOSEPH ETGES, A.B., 1948
CHARLES EDWARD HUME, B.S., 1948
PAUL WOODBURN PARMALEE, B.S., Ohio State University, 1948
DAVID SHOMAY, B.S., Long Island University, 1948
GLENN ROBERT WEBB, B.S., 1948
ARTHUR WITT, JR., B.S., 1948
VIRGINIA LENORE YEATER, A.B., University of Colorado, 1947

Degree of Master of Fine Arts

In Art Education

JOHN WILLIAM KENNEDY, A.B., Carnegie Institute of Technology, 1925

COLLEGE OF LAW

Degree of Bachelor of Science

In Law

PHILLIP BOICE JOHNSON
DONALD JAMES KORKOWSKI
RICHARD CHARLES MCCARTHY
RICHARD CHILDS RADEMACHER
BERNARD GLEN STUTLER
GEORGE MAURICE TWOMEY
WILLIAM JAMES WIMBISCUS

Degree of Bachelor of Laws

ARNOLD WERNER BENSEW, B.S., 1948
LINO BONUCCI, B.S., 1941
JESSE BERNELL BOYD, A.B., 1940
VIRGIL DEAN COCHRAN
NORMAN SEYMOUR ESSERMAN, B.S., 1948
HELMUTH WILHELM FREY, B.S., 1942
MAX GEORGE GULO, A.B., 1947
EDWARD CARL HEGELER
ORVILLE SYRIL KAHN, B.S., 1947
JOHN LINEBAUGH KNUPPEL, Ph.B., Marquette University, 1948
ARTHUR THOMAS LENNON, B.S., 1948
JAMES THAYER MOHAN, B.S., 1948
JAMES MICHAEL O'BYRNE, B.S., 1948
CHARLES ARTHUR POTTER, JR., B.S., 1948
SAMUEL SCHACHTMAN, B.S., 1948
JAMES NOAH SHERRICK, B.Ed., Eastern Illinois State College, 1938; M.S., 1946
JOHN EARL WILSON, JR., A.B., St. Norbert College, 1946
WILLIAM HOWARD YOUNG, B.S., 1948

Degree of Doctor of Law

REX CARR, A.B., 1948
VINCENT THOMAS WASILEWSKI, A.B., 1948; with Honors

LIBRARY SCHOOL

Degree of Bachelor of Science

In Library Science

MARY BLANCHE BOLAND, A.B., College of St. Francis, 1937; A.M., 1942
EDITH IRENE CHALFANT, A.B., Indiana Central College, 1924
CLARA ANNA MARTIN, A.B., 1928; A.M., Columbia University Teachers College, 1932

MARIAN FRANCES MASTENBROOK, A.B., Hope College, 1946
MARY HILLIARD RUMSEY, A.B., A.M., 1916, 1927
SISTER MARY GREGORY MARQUARDT, A.B., 1930; with Honors
MILDRED LUCY SMITH, B.Ed., Central State Teachers College, 1946

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

JESSE MILTON ALLEN
WILLIAM ALLEN AMENT
FREDRIC WILLIAM BERGMAN
JAMES GORDON BICKET
JOHN HURLESS BICKET
ARTHUR LYNN BRIGHTON
THOMAS WARREN BROCK
RALPH JOY BUCK, with Honors
WILLIAM EDWARD CADWELL
HUBERT ARTHUR CATE, with High Honors
CHARLES WARREN COX, with Honors
ANTHONY MATHIAS DETERS
DONALD DORRIS DILLOW
JOHN LATHROP FINLAYSON
RICHARD STERLING GRISSOM
HAROLD DANIEL GUITHER, with Highest Honors
FRED LEE HAEGELE
GEORGE SAMUEL HALL
CLARENCE HALE HAYS
JOHN HOLMES, JR.
CARROL KAY HOOVER
JAY ROBERT JAMES, with High Honors
RICHARD CRAIG JAMES
DON EDWARD KESINGER
PAUL DALE KIMMELSHUE
ROBERT GILBERT KOPMAN
MERLE ELDON LESAGE
JOHN BRUCE LEWIS
EUGENE LUSK
DELBERT ERNEST MAGERS
CHARLES DOUGLAS PALMER, JR.
WILLIAM CEPHAS PITTS
FLOYD HAROLD PRUITT, with High Honors
THOMAS LEO REEDY
STANLEY SWANSON SIMS
EMIL MEREDITH SPENCER
JULIUS BERNARD SPRACHNER
CHARLES ROBERT TAYLOR
ALBERT BLANFORD ULM, with Honors
ANDREW ALLEN WETZEL
RUSSELL GLENN WILLARD
WALTER LAVON WILSON

In Dairy Technology

JOHN ROBERT ALBRECHT
ROBERT WELCH GLAHE

In Floriculture

MARGARET MARNE FLEMING, with High Honors
WILLIAM ROBERT FORTNEY
DWIGHT ALBERT LUND, with High Honors
VIVIAN MARY OSTBOE, with Honors

In Home Economics

MARY LEE SPITTLER

In Vocational Agriculture

ALVIN ALBERT BACHMAN
HERBERT SCOTT BLILER
ROBERT EDGAR BROWN
BENJAMIN FRANKLIN DAVIS, with Honors
ELLERY LOUIS KNAKE, with Highest Honors
DENVER WAYNE KUNZ
STANLEY GOTFRIED MAGNUSON
RICHARD EARL PARETT
ERNEST HENRY SANCKEN, with Honors
EDWIN WILLIAM SAUER

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

HERBERT FRANCIS BROWN
EARLE WALTER CHESNUTT
PAUL IRMAL DICKEY
WILLIAM CLARENCE HAHN
TRAVIS CARL JAMES, with Honors
JOHN RICHARD LINDROTH
JAMES ROBERT SUTTON
ROBERT EARL TATRO
HOWARD ROBERT WASSON

In Agricultural Engineering

DAVID HENRY BACHMAN
THOMAS WARREN BROCK
GEORGE WILLIAM ARTHUR MAHONEY
WILLIAM TEEL MILLS
ROBERT RICHARD ROWE
WILLIAM FRANK ZUMWALT

In Ceramic Engineering

JAMES CLYDE DAVIS
HAROLD HOWARD LUND
RALPH CARROLL RIGGS
GEORGE OTTO ROSENWINKEL

In Civil Engineering

ALFRED LLOYD BYRAM
GARY DAVID CASS
ROBERT LAFOLLETTE CRIST
DALE EDWARD FRANCIS
JAMES GAY HOWELL
ROBERT JOHN MATHEWS
CHARLES JOSEPH POREMBA
FLOYD WENDELL SMITH
VINCENT ALEXANDER WIENSKI

In Electrical Engineering

WILLIAM EVELETH BARGER
ARTHUR MERRITT BARRETT, JR.
HERBERT JAMES BATE
ROBERT ARTHUR BEAUMONT
NORTON WILLIAM BELL, with High Honors
JERRY FRANK BOUSKA
GEORGE MARTIN BOYD
DONALD RAY BURGENER, with High Honors
GEORGE DEAN CRAWFORD
WILLIAM JOHN DALEY
IRA GORDON EVANS
ELMER FASOL
JAMES FULTON HARLAND, with Honors
RALPH JOSEPH HENNEMAN, JR.
WILLIAM WILSON HINES
RALPH EDWARD HINTZ
GEORGE LOWELL JACOBEK
WILLIAM CHARLES JANSSEN
JOSEPH EMIL JURNECKA
EDWIN CHARLES KAMPS
JAMES HOWARD KEIM
BILL EMIL KRIEG
GEORGE LOUIS KVITEK, with Honors
DONALD WAGNER MCCONIGA
ROBERT LEO MCDONALD
CYRUS JOHN MCLEAN
ROBERT FREDERICK MEINICKE
RICHARD CRANE PEACOCK
ALFRED FRANK ROJEK
GLENN ALLEN SCHARP
JAMES JUNIOR SHORT
RICHARD EUGENE SNYDER
RICHARD ELDRIDGE STEVENS
HARRY OAKES TAYLOR, JR.
FRANK MATHIAS TURSICH
ROBERT DAVID WERCKLE
JOHN LEROY WESTENHAVER, JR.
LEO ERNEST WHITE
LEO KENNETH YOSKOWITZ

In Engineering Physics

DARYL M. PAPKE, with Honors

In General Engineering

RICHARD BLAIR CLARK
ERLE EDWIN JOHNSON
RAYMOND STRAND KRAMER
MELVIN KENNETH KUEHL
LOUIS MANKUS
MICHAEL JOSEPH MCCARTHY
DONALD CHARLES MURRIN, with Honors
ROBERT WAGNER NELSON
GLENN ALBERT THOMAS
CARLETON TRIMBLE, JR.
RICHARD BUSEY TRIMBLE

In Mechanical Engineering

MARKUS VERNELL BACCUS
JULES DONAT BARIBAULT
THOMAS BENJAMIN BERNETT
CHARLES WILLIAM BILLINGS, with Honors
CHARLES BOETTO
ELDON JOHN BRUNNER
DON ORR BRUSH
WILLIAM LOUIS BURDICK
MILES ELDON BYERS
ARTHUR OLIVER CAPP, JR., with Honors
RALPH IRA COTTINGHAM
WILLIAM JOHN COWAN
DUANE OSCAR CULLIGAN
ROGER MARIO DIJULIO
CHESTER STANLEY DUDCZAK
JAMES ANSON DYER
EUGENE EDWARD FARRELL
EVERETT EUGENE GARRISON
RICHARD ROLAND GEERY
JACK CHARLES GOSS
DALE GEORGE GUBBINS
ARTHUR JUNIOR HAGER

DAN VINSON HON
MARVIN ITZKOWITZ, with Honors
ROBERT HACHTEL KERRUISH
CARL KLEIN
ROBERT JOHN LENGVENIS
RUDOLPH LENICH, with Honors
KENNETH MARSHALL LLOYD
CARL HJALMAR MAYER, JR.
WILLIAM WARREN MCDANIEL
EARL RAYMOND MEYER
WILLIAM WESLEY MITTLESTEADT, JR., with Honors
MOORAD MOORADIAN
COURTNEY MARSHALL MOOREFIELD
GLENN ELDRED NEAL
ALBERT MARTIN OGENT
HARRY MADISON PASSMAN
GLENN ROBERT PEABODY
EDWARD FRANCIS PETRELEWICZ
JOHN HUGH PHELAN
ERNEST ARTHUR ROBINSON
FRANK JEROME SAMUELSON
MELVIN CURTIS SAVILLE
JACK PRINDLE SMITH
RODGER KENNETH SNELSON
WILLIAM LOREN THOMPSON
RICHARD WILLIS WETZEL
THOMAS JOHN WICH
WILLIAM AMBROSE WIGHT
MAURICE MILTON WILLIAMSON, with Honors
DELBERT EARL WINGET

In Metallurgical Engineering

ROBERT CLEMENT BERTOSSA
JOHN WALLACE LAUDER
MELVIN GERALD ZUCKERMAN

In Sanitary Engineering

HAROLD HARVEY HUNT, with High Honors

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

AUDREY DUDGEON APPLE
BERNARD ISADORE BITTEN
FRANCIS EUGENE BOWERS
RALPH EVERETTE BROWN, with Honors in Sociology
ALFRED KENDALL CARTER
MARJORIE JOYCE CHRISTENSEN
MARY JANIS COLLIFLOWER
IRIS ZITA COWEN
LAWRENCE EDWARD DRONE, with Highest Honors in Philosophy and in Social Science
MARIETTE FRANCES EXSTEIN
RICHARD CHARLES FORD, with Honors in Medieval Civilization
ROBERT EMMANUEL FOX
DAVID FREIDES, with Honors in Psychology
MINA MYRTHINE HILTON GARRISON
SHIRLEY JANICE GLOGER
PAUL EGIDIUS GRABILL
RICHARD KEITH GRAGG
ZARA RAY HART
ROBERT HELLER
ROBERT ALLEN HORNER, with High Honors in Political Science
NATHAN EMILE HUMBRECHT, with Honors in Philosophy
JACK OAKLEY KENNEDY, with Highest Honors in Political Science
QUINTELLA LORRAINE MILDRED KING
MARTIN KRAKOWSKI
ROBERT BRUNO KUPSKI
VIRGINIA MARY LAMANTIA
FRED ALBERT LUDWIG, JR.
GEORGE ALOYSIUS MARTIN, JR.
KATHRYN ROBERTA MCMILLAN
MARY ELIZABETH MILLER
GEORGE WILLIAM MORROW, JR.
MARY ELLEN MURPHY, with Honors in Psychology
STANLEY JOSEPH OSTROWSKI
DORIS MAY PACKTOR
DOLORES KATHERINE POLAKOVIC
MARY FRANCES POWERS
MARION JOHN RAMZA
HUGH RICHARD RIGNEY
ALBERT JAY ROSENTHAL
DONALD ROBERT SCHNEIDERMAN
JOSEPH PENROY SCOTT
ELIZABETH ANN SEELY
ALBERT SHANKER, with Honors in Philosophy
JOHN HAZEL SMITH
ALLEN SIMON STEINHARDT
FREDRICK DOUGLAS SUNDLOFF, with Honors in History
WAYNE CALHOUN TEMPLE, with Honors in History
JOHN HIRAM THOMPSON
JEAN VAN DE VOORDE, with Honors in Sociology
JOHN ROBERT WALLACE
GLORIA CECELIA WISEMAN

In the Teaching of English

FORREST EARL HAZARD, with Honors in English

In the Teaching of Social Studies

SAMUEL CHARLES FELD
JOSEPH TRACHTENBERG

Degree of Bachelor of Science

In Chemical Engineering

ROBERT JACOB BAECHLE
IRVING BERNSTEIN
GEORGE DALEY BEVIS, with High Honors
DALE STANLEY GLASS
DONALD GLASSMAN, with Honors
CARL WILBERT GOMES, with High Honors
FRANK JOSEPH HARSACKY, with Honors
FORBES RAYMOND KOEHLER
MEYER SAM LEVY, with Honors
WILLIAM RAY LOOMIS, with High Honors
RICHARD ZACK MASON
HENRY JAMES NALEPA, with Honors
RAYMOND JOHN PIKNA, with Highest Honors
ROBERT ELLIOTT SZOLD
HAROLD ABRAHAM WANGER
DAVID EMANUEL WEAVER, with High Honors
ROBERT ELWOOD WILSON
ORVILLE ARTHUR WUNDERLICH

In Chemistry

GEORGE EVERETT INGLETT, with High Honors
MARIO JULIUS LATINA, with High Honors
JOHN DAVID MCCOLLUM, with Highest Honors

In Liberal Arts and Sciences

WILLIAM CLARENCE BENNEWITZ, with Highest Honors in Mathematics
ROBERT FRANCIS BETTASSO
LOIS RIGGS BINGAMAN
JOHN EDWARD CARLSON
VIVIAN CHRISTENSEN CASEY
ROBERT FRANCIS CHAIKEN
RITA HELEN CHERNOFF
STERLING ALBERT COPELAND
MAURICE ELWELL DARE
MARY JEANNE EBERHARDT, with Highest Honors in Mathematics
CHARLES FRANCIS ELLERMANN
WESLEY EDWARD EVERTS
LOIS MAY FELDSTEIN
LAURA GWEN FRIES, with Highest Honors in Chemistry
RENA SALLY GAINES
GERALD DELAND GERNON, JR.
EDGAR GEORGE HARRISON, JR., with Highest Honors in Chemistry
PAUL HEIFETZ
LOUIS HILDEBRAND
RAYMOND LESTER JACOBS
FAYE ANTOINETTE JOHNSON
DONALD RICHARD JONES
MARJORIE HELENA JOYCE
BERNARD KLEINMAN
ROBERT GEORGE KNAPP
GEORGE CHARLES KNOLL, JR.
RICHARD WELLINGTON LASATER
DON LEON LASSWELL
JOHN LINCOLN LEM
ALBERT FRED LOESCH
WILLIAM JOSEPH MACKEY
LOUIS MASLINOFF
BILLY ROBERT MESTEL
CHARLES PAUL MOLCAR
JOHN DAVIS MORTIMER
GUY JOHN NOERDINGER
DONALD MYRON PAULL
FRANK SANDERS PEACE
BEVERLEY D'ETCHEGOYEN PORTER
THOMAS BINNEY PORTER, with Highest Honors in Psychology
RICHARD NORMAN ROSSAN
JOSEPH BERNARD RUFFIN
NORMAN MERVIN SADOWSKY
DAVID JACKSON SCHARDT
BERNARD HERBERT SMOOKLER
RICHARD NATHANIEL SQUIBB
JOHN RAYMOND STEENHAUSEN
ALAN LAWRENCE STRAND
ROBERT SIDNEY TAYLOR
MARY ANTOINETTE TORTORICI
RICHARD JOSEPH UNEKIS
DONALD WALTER WAGNER
HARRY GEARY WASHBURN
WILLIAM EDWARD WILSON
BRONISLAW RAPHEAL WONSIEWICZ

In Speech Correction

DOROTHY JEAN HOSTETTLER FITZGERALD
JANE LOUISE FRASCA
EILEEN BARFKNECHT KRETZ
JEAN MARY ELIZABETH MOORE
ROSALIND COOK PELMAN
PHYLLIS WITT PETERSON
MILDRED VLASTA SLAPAK
VALERIE ALICE WESTFIELD

In the Teaching of Mathematics

KATHERINE DELORES MORGAN

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

JACK EDWARD BESS
WINONA HALBROOK CANNON
JENNIE LUCILE DICKINSON
BARBARA EDITH ENGBERG
JOHN EMANUEL GOERWITZ
EMMA MARIE GRABOWSKI
LUCILLE WILHELMINA GRABOWSKI
RUTH AUSTIN GRANT
THELMA MAY GUNDERSON
GWENDOLYN LOU KENT
DORIS WARREN KOHR
CRYSTAL PETTY LEWIS
CAMILLE DAVIS MARIEN
ALAN ROY MEDENDORP
HAZEL LUCILE SHOEMAKER
GRACE BESSIE SMITH
JOY LUVERE SMITH
DOROTHY ELAINE SPARBERG

In the Education of the Deaf

LEONORA QUILL

In the Education of Mentally Handicapped Children

DORIS SILVER

In Industrial Education

MYRON MORSE BRADEN
JAMES MALCOLM BRUMMET
ELTON EDWIN JEFFERS

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

JOHN WILLIAM ASHERMAN
WILLIAM A. BEHRENS
WILLIAM RUSSELL BIGELOW
JOHN ROBERT BOHBRINK
BERNARD BREGMAN, with Honors
GORDON ELBERT CARNCROSS
BOHUMIL JOHN CHEJLAVA
KEITH ERWIN CHULOCK
FRED CURREY
JOHN JAMES DESMOND, with Honors
TONY PAUL DUBOSH
WELDON EUGENE GARBER, with Honors
ROBERT EDWARD GENTRY, with Honors
ORVILLE WALTER HAMANN
BERNARD FREDERICK HASENYAGER
GUST ERIC HERMANSON
HERMAN OTTO HERTENSTEIN
WALTER DALE KERSHAW
DONALD ARTHUR LUNEBURG
JAMES DAVID MILLER
CARL ALBERT MOLLER
WILLIAM ANDREW MUELLER
ROBERT WILLIAM OTTENS
FRANCIS WILLIAM RAYMOND PELMAN
CHARLES EVERETT PHILLIPS, JR.
THOMAS RUSSELL READ
PAUL HENRY SMITH
ROBERT HUGH SMITH
ROBERT ROYCE SMITH
ROBERT EMMETT SULLIVAN
RICHARD EUGENE THOMPSON
ALAN WALLBANK
JIM EDWARD WEINEL
MARY FRANCES WELLS
DONALD BYERS YERLY
SEYMOUR ZITOMERSKY
SHEPARD ZITOMERSKY

In Banking and Finance

JOSEPH JOYCE AMBROSE
GEORGE ROBERT TURNER
HOWARD ELMER VARNER

In Banking and Finance and Management

JAMES RAY SMITH

In Commerce and Law

HARPER LAIMBEER ABBOT
WILLIS DANIEL BIRCH
ROBERT TAYLOR CLOUD
ROBERT GREGORY DENEEN
FREDERICK SHEPHERD GREEN
PHILIP ALLEN GROVE

In Commercial Teaching

GLADYS MAE ALT, with Honors
LEON WILLIAM BROUILLETTE

In Economics

JOSEPH GEORGE CARON
MORRIS GREENBERG
RAYMOND HAROLD IFFT
CLIFFORD VANDAREL LAMBERT
JOHN JOSEPH MALONEY, JR.
NORBERT GERHARD MCCABE
DONALD AARON NEUMANN, with High Honors
WILLIAM SAMUEL VILARDI
FRANK XAVIER ZEIMETZ

In Economics and Management

RUSSELL STEPHEN BROWN

In Economics and Marketing

ROBERT WILLIAM DERUNTZ, with Honors

In Industrial Administration

PAUL MATHIAS ARGYELAN
ROBERT K. HOUSTON
JOHN WILLIAM JAACKS
WILLIAM HENRY JAMES RINGNESS
IRVING SCHWARTZ
ROBERT JAMES SPIELER

In Management

ROBERT STEERS BRAND, with Honors
CAMPBELL KING EVANS
EUGENE FREDERICK GREWE
WARREN JAMES GURAS
VERNOR GAIL HARRIS
ROBERT AUGUST HINTZ
DEWITT NICHOLS LANE, JR.
PETER THOMAS LESSARIS
ROBERT GEORGE MCCARTHEY
ROBERT WANZER MCINTOSH
WALTER EARL MENARD
RAYMOND THOMAS OLIVER, JR.
WILLIAM WILSON OVERSTREET, JR., with Honors
PAUL GRIFFITH POMEROY
ROBERT KING REGES
WARREN RICHARD REINHOLD
PHILLIP SIMMONS
WALKER FRANK ZDUNEK

In Management and Marketing

FRANK FREDERICK BAKER
ROBERT CLINTON DILLIER
WILLIAM EDMOND DU PERRIEU
HERBERT FEINBERG
WILLIAM HENRY GILLIAM
ALBERT JOSEPH PUCCETTI
JOSEPHINE ANN SIMON
HENRY ANTHONY STAPINSKI
GERALD RAY TAPP

In Marketing

KENNETH DWIGHT BASKIN
RICHARD LOUIS BIERMAN
THOMAS GERALD BRIGGS
WILLIAM LEWIS BROOM, JR.
ROBERT SWIFT DEAL
RAYMOND HARRY DEIST
JOSEPH DENNIS DYBAL
GENE FAIRBANK
WALTER GUSTAV FAY
WALTER RAYMOND FINLEY
SIDNEY HERBERT FISHER
FRANK EWING GLASCOCK
GEORGE JOHN HAGER
HOWARD LEE JACKSON
WILLIAM ROBERT JEWSBURY
LAWRENCE JULES KABINS
JAMES PETER KARLOS
BERNARD LOUIS MARCUS

ANDREW BILL MILLAS
DAVID KENNETH MOORE
ARBA HENRY OETJEN
DONALD WARREN SEGAL
ROYAL JOHN SYNWOLT
BERNARD FLOYD TENSING
WILLIAM CARROLL THOMPSON
GEORGE JOHN WIETOR

SCHOOL OF JOURNALISM

Degree of Bachelor of Science

In Journalism

NORMAN ERWIN ACTON
FRED HERMAN ANDERSON
CARL EDMUND BEHR, JR.
EUGENE DONALD BENGARD
CHARLES RAYMOND BROWN
VIRGINIA ANNE DAVIES
ADELINE DEBIASIO
BEN ISADORE DEITELBAUM
DOLORES ENGEL
ROBERT VROMAN ESMOND
MARGARET WALTON GORALSKI
ROBERT STANLEY GORALSKI
WILFRED JOHN GOREHAM, JR.
JAMES HUBERT KANE
JOHN MICHAEL LEMMON
HENRY STEVEN OSINSKI
HARRY OLIVER RICHARDS
DONALD RICHARD SPIEK
ARNOLD WINOGRAD

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architectural Engineering

FREEMAN ANDREW CHENEY
RICHARD LEE DOYLE
JOHN JAY FINA
EDWARD GREGG HARDESTY
WALLACE EMIG JOBUSCH

In Architecture

EUGENE PAUL GRAHAM
WILLIAM ROBERT KING
CLIFTON JAMES MARSHALL
DONALD WALTER SCHLICKAN, with Honors
ROBERT JANISSE SHERBURNE
JACK WOOD

In Music Education

JEAN RULE BELT
JANICE RUTH HONN
PHILLIP FRANCIS RACK, JR.

Degree of Bachelor of Fine Arts

In Advertising Design

DAVID HOWARD ATTEBURY
JULES HENRY BESKIN
GLORIA ANN GIBSON
CHARLES FRANKLIN HOPPIN
ROBERT EARL RUTHER

In Industrial Design

REID MCCLELLAND ANTLE

In Painting

DOROTHY ROGERS HASCH, with Highest Honors
ROSEMARY LOUIS, with Honors

Degree of Bachelor of Music

MARY JANE BENSCOTER
DORIS PARKER SHEPHERD

SCHOOL OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

ROBERT LEON BUCHANAN
ROBERT WILLIAM CUNZ
ROBERT EUGENE ELLER
HENRY CARL FAETH
HARRY JOHN FRIES, JR.
ROBERT BRUCE GARRITY

GEORGE EUGENE LAIRD
WILLIAM JOSEPH MANNING
FREDERICK HAYES PRATT
HERBERT HILLEL ROSENGARD
OWEN DEAN SMITH
CHESTER EDWARD TROST
JAMES WILLIAM WOOD
SAMUEL ZATKOFF

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

CHARLES EDWIN AGUAR, with Honors
WILLIAM HARRIS ALLAWAY
CLIFFORD WARREN ANDERSON
EVALD OSCAR ANDERSON
GABRIEL JOSEPH APRATI
FREDERICK JAMES ARDERN, JR.
ROBERT GENE AYLESWORTH
DONALD CARL BALDWIN
WALLACE BATTS
ALBERT FREDRICK BECKMANN
ROBERT DANIEL BELL, JR.
ROBERT FRANK BERG
ROBERT CLYDE BERRY
MARION RAY BLACK, with Honors
JOHN CARL BLAIR
ROBERT LEVERNE BLOOMFIELD
REX ELWIN BOWSHER
OTHA LEON BRANDON
WILLARD HALE BRIEN
ROBERT ORMUS BROCKETT
MARSHALL JEROME BRYSKIER
CURTIS ROBERT BURAU
THOMAS LLOYD CAIRNS
ROBERT HAROLD CARDENAS
GERALD MARCENE CARR
WARREN GLADMAN CLARK
EARL WILLIAM CLAUS
GERALD VERNON CLEARY
FRANK HARRY COLECK
HORACE EUGENE COLLIER
BARTON LEE CROSS
CHARLES CLIFFORD CURTIS
FRANK LOUIS DASH
JACK LEWIS DEMPSEY
JAMES CANTWELL DOLAN
WILLIAM FASIG DOWNEY
WILLIAM ROBERT DRISCOLL, with Honors
GEORGE THOMAS DUPRE
ATHAN JOHN ECONOMIDES
JULIUS PETER EFFLANDT
HENRY JOHN EICKEN
WILLIAM JEROME ELLIOTT
LOUIS ANTHONY ERDELYAN
RICHARD WILLIAMS EVANS
ALVIN VINCENT FEND, JR.
DONALD ELWYN FLAHERTY
DONALD JOSEPH FREUND
HERBERT MORTON FRUMKES
MARTHA WILLETT GAEBE
FRANK JOSEPH GAUDIO
KELLY CHARLES GRAHAM
ROBERT NIXON GRAY
JOSEPH JULIUS GREEN, with High Honors in Business Organization and Operation
STEWART PROUGH GREENE
WILLIAM WAYRICH HALLSTEIN
FREDRICK ARTHUR HAMILTON
RICHARD ALBERT HARDING
JORDAN CHARLES HAUSS
DONALD ELLIOTT HENRY
ALLEN EDWARD HERMANSON
MERRILL EDWARD HOLDEN
GERALD GLENN HOLSINGER
RAY ELIJAH HOWSER, with Honors
ARTHUR JOHN JACKSON
CARL MILLARD JACOBS
ROBERT THOMAS JENNINGS
JAMES RITO JIMENEZ
WILLIAM ELMO JOHNSTON
HARVEY IRWIN KAPLAN
HOMER THEODORE KIPLING
BERNARD CHARLES KIRCHHOFF, with Honors
MORRIS MAX KLAIMAN, with Honors
ALFRED NORMAN KOPLIN
ALLAN MARVIN KRELL
EDWARD HENRY KUKUK, JR.
WARREN SAMUEL LANGER
JOSEPH LANIGAN
PAUL WILLIAM LARSEN
JAMES BERNARD LARSON
JOHN KEITH LAUMER
DALE MARTIN LEARNED
DALE AUSTIN LEBARON
MARTIN LEWIS LEBWITH
DAVID ALEXANDER LEIBMAN
STANLEY EDWARD LELAND, JR.
CLIFFORD ALLEN LESSING
SILVAN ETON LEVINSON
RAYMOND JOSEPH LEVITT
WILLIAM BERNARD LICHTER
ROBERT LIEBERMAN
ROBERT MURRELL LOHRENZ
JOHN LOPRIENO
EDGAR ALLEN LUTTRELL
DENNY JOSEPH MCGARRY
WARREN STUART MCGREGOR
JAMES PATRICK MCMANUS
LEON MERSON
CHESTER ROBERT MICHAEL
MERRITT SINCLAIR MOORE

ARTHUR FRANK MUELLER, JR.
BYRON EDWIN MUNSON
JOSEPH FRANCIS MURTHA, JR.
THOMAS HADDOW NICOLL
NEDELKO ORLICH
DALE EMMERSON PARRO
RALPH KENNETH PEEK
WILLIAM AUGUSTUS PEEPLES
ERVIN EDWARD PERMODA
PIERCE OWEN PICKENS
JACK WARREN PIERCE, with Highest Honors in Geology
ROBERT LOUIS PILKINGTON
CHARLES LYMAN POWERS
JOHN FREDERICK PRESCOTT
WALTER JAMES PRESTON
MARVIN REICHENSTEIN
NORMAN AUGUST REUSCHER
MARTIN MITCHELL RHODES
OSBORNE LAWRENCE RIDER, JR.
JACK ARNOLD RIEGERT
JOHN WILLIAM ROLLEY
PAUL RUBINSTEIN
ALLEN SAIDEL
WARD ROBERT SCHAFER, JR.
ROBERT GEORGE SCHLESINGER
VICTOR ALBERT SCHMITT, with High Honors in Education
RICHARD WILLIAM SCOTT
JOHN WILLIAM SENGER
ROBERT ABBOTT SHIMER
JOHN DAVID SILVER
STANLEY REGAN SLEETER
FRANK M. SMITH
HAROLD EDWIN SMITH, JR.
JAMES ALLEN SMITH
WILLIAM HORN SMITH, with Honors
MORRIS BAER SQUIRE
EDWARD HENRY STACHYRA
ROGER ALEXANDER STANKEY
RAY GEORGE STEELE
HOWARD LEWIS STEWART
WILLIAM FRANK TAFT
RICHARD KENNETH TOBIN
DONALD HUBERT VAN STEENWYK
CHARLES EILERT VIEROW
LEONARD ANTHONY WAITCHES
JAMES CARTER WAKEFIELD
HOWARD ELMER WARD
WILLIAM WESLEY WARREN
JAMES FRANCIS WATERS
BYRON KENT WATKINS
ROBERT WATSON, JR.
DONALD LEE WILLS
NORLAND REXFORD WILSON
RICHARD GEORGE YOUNGE

CONTRACT WITH MEDICAL CENTER COMMISSION

Resolution

Whereas, the Board of Trustees of the University of Illinois has approved an agreement with the Medical Center Steam Company providing for the construction by the Steam Company of a central steam plant and distribution system for the furnishing of steam service to the University and through the University to other institutions located within the Medical Center District in Chicago as defined in such agreement; and

Whereas, the Illinois Commerce Commission has approved said agreement; and

Whereas, an agreement between the Board of Trustees and the Medical Center Commission is desired for the clarification of certain matters relative to the operation of said agreement between the Board of Trustees and the Medical Center Steam Company; and

Whereas, such agreement between the Board of Trustees and the Medical Center Commission has been prepared and presented to the Executive Committee of the Board of Trustees;

Therefore Be It Resolved, by the Executive Committee of the Board of Trustees that the proposed agreement between the Board of Trustees and the Medical Center Commission is hereby approved, and the Comptroller and Secretary of this Board be and are hereby authorized, empowered, and directed, in the name and on behalf of this Board, to execute and deliver such agreement.

Contract Between the Board of Trustees of the University of Illinois and Medical Center Commission

This AGREEMENT made this 9th day of August, 1949, by and between the Board of Trustees of the University of Illinois, a Public Corporation (hereinafter called the University), and the Medical Center Commission, a Public Corporation,

WITNESSETH:

Whereas, Medical Center Steam Company (hereinafter called the Steam Company), has been incorporated under the laws of the State of Illinois and is authorized by its charter to furnish steam service to the University and through the University to other institutions within the Medical Center District in the City of Chicago, Illinois, and

Whereas, the University and the Steam Company have entered into a contract dated July 1, 1949, for the construction, operation, and maintenance by the Steam Company of a steam plant and distribution system in the Medical Center District, a copy of which contract is hereto attached, and

Whereas, the Illinois Commerce Commission on July 29, 1949, entered an order in case No. 37530, granting to the Steam Company a certificate of convenience and necessity for the construction, operation, and maintenance of such steam plant and distribution system as described in said order and said contract, and

Whereas, the Medical Center Commission was created and exists under and by virtue of an act of the General Assembly of the State of Illinois, and under the provisions of said act has certain rights, powers, privileges, and obligations with respect to said Medical Center District, and it is desired that all qualified applicants for steam service within said District be furnished with steam service under and pursuant to the provisions of said contract;

Now, Therefore, the parties do hereby agree as follows:

Upon certification by the Medical Center Commission to the University at any time, or from time to time, that a governmental agency, charitable institution or other institution located within the Medical Center District, is in the judgment of the Medical Center Commission a qualified applicant for steam service, the University agrees to cause such service to be furnished to such applicant subject to the provisions of the said contract and the availability of an adequate steam supply for such applicant within the firm capacity of the plant upon compliance by such applicant with the following terms and conditions:

(a) That such applicant shall enter into an agreement with the University to take steam service and to compensate the University for such service.

(b) That the charges for such service shall be fixed by the University on a fair and equitable basis.

(c) In the event that any applicant and the University are unable to agree upon a fair and equitable basis for such charges, then the fair and equitable basis for such charges shall be determined jointly by the University and the Medical Center Commission.

(d) Should the University and the Medical Center Commission be unable to agree on a fair and equitable basis for such charges, in that event the then Governor of the State of Illinois or such person, persons or agency as he may designate shall determine what the fair and equitable charges for such services shall be, and such determination shall be binding on the parties hereto.

In Witness Whereof, the University has caused this instrument to be executed in its corporate name by its Comptroller and its Secretary, and its corporate seal to be hereunto affixed by its Secretary, and the Medical Center Commission has caused this agreement to be executed in its corporate name by its President, and its corporate seal to be hereunto affixed and attested by its Secretary, all in duplicate as of the day and year first above written.

CLINICAL FACULTY OF THE COLLEGE OF MEDICINE

I recommend that appointments be made to the nonsalaried, or clinical, faculty of the College of Medicine for the academic year beginning September 1, 1949, as indicated, and that the President of the University be authorized to make such additional appointments and other changes as are desirable and necessary.

Appointments are for one year from September 1, 1949, unless otherwise indicated. All appointments have been approved by Vice-President A. C. Ivy.

A summary by departments of the number of appointments with the comparative figures for 1948-1949 is also submitted.

Summary

Department	*1948-1949*		*1949-1950*	
Anatomy	6		8	
Bacteriology	9		5	
Biological Chemistry	2		2	
Clinical Science	2		1	
Criminology and Legal Medicine	12		11	
Dermatology	19	(2)[1]	20	(2)[1]
Illustration Studios	1		1	
Medicine	182	(11)	193	(11)
Neurology and Neurological Surgery	14	(1)	19	(1)
Obstetrics and Gynecology	54	(8)	51	(8)
Ophthalmology	49	(3)	58	(3)
Orthopaedic Surgery	18		16	
Otolaryngology	37	(2)	50	(2)
Pathology	17		21	
Pediatrics	48	(4)	42	(3)
Pharmacology	5		5	
Physical Medicine	5		..	
Physiology	5		4	
Preventive Medicine and Public Health	..		6	
Psychiatry	43	(2)	43	(2)
Radiology	12		16	
Surgery (including Urology and Anesthesia)	104	(7)	118	(7)
Total	644	(40)[1]	690	(39)[1]

Anatomy

VERBRUGGHEN, ADRIEN, B.M., Ch.M., M.S., Clinical Professor of Neurological Surgery (Rush), assigned to Anatomy part time
FELL, EGBERT H., A.B., M.D., Clinical Associate Professor of Surgery (Rush), assigned to Anatomy part time
STRAUS, FRANCIS H., B.S., M.D., Clinical Associate Professor of Surgery (Rush), assigned to Anatomy part time
CIPOLLA, ARTHUR F., B.S., M.D., Clinical Instructor
HART, DALE E., A.B., M.D., Clinical Instructor
ZIMRING, ALLAN J., B.S., M.D., Clinical Instructor
MOONEY, FELIX P., M.D., Clinical Assistant
ROTTSCHAFER, HENRY W., A.B., M.D., Clinical Assistant

Bacteriology

SHAUGHNESSY, HOWARD J., Ph.D., Professor
FELSENFELD, OSCAR, M.D., Professorial Lecturer
FORSTER, GEORGE F., Ph.D., Assistant Professor
KEMPF, ALICE H., Ph.D., Research Associate
KNOLL, ELTA W., B.S., Assistant

Biological Chemistry

MACFADYEN, DOUGLAS A., A.M., M.D., Professor (Rush) (*Indefinite*)
HORWITT, MAX K., Ph.D., Assistant Professor

Clinical Science

KRASNO, LOUIS R., Ph.D., M.D., Assistant Professor

Criminology and Legal Medicine

DARROW, CHESTER W., Ph.D., Clinical Associate Professor of Criminology
FRENCH, THOMAS M., A.B., M.D., Clinical Associate Professor of Criminology
BARRICK, ROY G., M.D., Clinical Assistant Professor of Criminology

[1] The figures in parenthesis indicate the number of emeritus members.

FALSTEIN, EUGENE I., B.S., M.D., Clinical Assistant Professor of Criminology
GREENBERG, HAROLD A., M.D., Clinical Assistant Professor of Criminology
HAINES, WILLIAM H., B.S., M.D., Clinical Assistant Professor of Criminology
BRANDON, RODNEY H., Lecturer in Public Welfare Administration
LINCK, LAWRENCE J., M.S., Lecturer in Public Welfare Administration
PERCE, FRANCES C., M.S., Clinical Associate in Criminology
WEINFELD, GUSTAV F., M.D., Clinical Associate in Criminology
ALTMAN, CHARLOTTE H., Ph.D., Clinical Instructor in Criminology

Dermatology

ORMSBY, OLIVER S., M.D., Professor (Rush), *Emeritus*
MITCHELL, JAMES H., B.S., M.D., Clinical Professor (Rush), *Emeritus*
WEBER, LEONARD F., M.D., Clinical Professor
CARO, MARCUS R., B.S., M.D., Clinical Professor
EBERT, MICHAEL H., A.B., M.D., Clinical Professor (Rush)
FINNERUD, CLARK W., B.S., M.D., Clinical Associate Professor (Rush)
PERLSTEIN, MINNIE O., B.S., M.D., Clinical Associate Professor
NEUHAUSER, IRENE, B.S., M.D., Clinical Assistant Professor
GRIFFITH, PAUL R., A.B., M.D., Clinical Associate
HETREED, FRANCIS W., B.S., M.D., Clinical Associate (Rush)
OMENS, DAVID V., M.D., Clinical Associate (Rush)
ROLL, HARVEY C., B.S., M.D., Clinical Associate
SLEPYAN, ALBERT H., B.S., M.D., Clinical Associate
BOSWELL, PAUL P., A.B., M.D., Clinical Instructor
BUCHHOLZ, ALEXANDER M., M.S., M.D., Clinical Instructor
FELSHER, ZACHARY, B.S., M.D., Clinical Instructor (Rush)
OLIVER, RICHARD M., A.B., M.D., Clinical Instructor
OMENS, HAROLD, M.D., Clinical Instructor (Rush)
ROBIN, MILTON, B.S., M.D., Clinical Instructor
GRAFFIN, JACK W., M.D., Clinical Assistant

Illinois Eye and Ear Infirmary

SKINNER, MERTON B., Clinical Instructor

Illustration Studios

LINDEN, CARL T., Instructor in Medical Illustration

Medicine

BROWN, RALPH C., B.S., M.D., Clinical Professor (Rush), *Emeritus*
HERRICK, JAMES B., A.B., LL.D., M.D., Clinical Professor (Rush), *Emeritus*
IRONS, ERNEST E., Ph.D., M.D., Clinical Professor (Rush), *Emeritus*
POST, WILBER E., Ph.D., M.D., Clinical Professor (Rush), *Emeritus*
STRAUSS, SIDNEY, A.B., M.D., Clinical Professor, *Emeritus*
TICE, FREDERICK, M.D., Clinical Professor, *Emeritus*
WOODYATT, ROLLIN T., B.S., M.D., Clinical Professor (Rush), *Emeritus*
ARKIN, AARON, Ph.D., M.D., Clinical Professor (Rush)
ARMSTRONG, S. HOWARD, JR., A.B., M.D., Professor (Rush)
CAMPBELL, LEO K., B.S., M.D., Clinical Professor (Rush)
EYERLY, JAMES B., B.S., M.D., Clinical Professor (Rush)
FREILICH, ELLIS B., M.D., Clinical Professor (*Indefinite*)
GATEWOOD, LEE C., A.M., M.D., Clinical Professor (Rush)
HIBBS, WILLIAM G., B.S., M.D., Clinical Professor (Rush)
KELLY, FRANK B., B.S., M.D., Clinical Professor (Rush)
MEYER, JACOB, M.S., M.D., Clinical Professor (*Indefinite*)
SLOAN, LEROY H., B.S., M.D., Clinical Professor (*Indefinite*)
THOMAS, WILLIAM A., Ph.B., M.D., Clinical Professor (Rush)
THOMPSON, WILLARD O., B.S., M.D., Clinical Professor
YOUMANS, JOHN B., M.S., M.D., Professor (also Dean of the College of Medicine, with salary)

CHAUVET, FRANK D., M.D., Clinical Associate Professor, *Emeritus*
GOLDBERG, BENJAMIN, M.D., Clinical Associate Professor, *Emeritus*
FELDMAN, LOUIS, B.S., M.D., Clinical Associate Professor
FORAN, FRANCIS L., M.S., M.D., Clinical Associate Professor (Rush)
KARK, ROBERT M., A.B., M.R.C.S., L.R.C.P., M.R.C.P., D.C.H., Associate Professor
LUNDY, CLAYTON J., M.S., M.D., Clinical Associate Professor (Rush)
LUSK, FRANK B., A.M., M.D., Clinical Associate Professor
PERNOKIS, EVANS W., M.D., Clinical Associate Professor (Rush)
PORTIS, SIDNEY A., B.S., M.D., Clinical Associate Professor (Rush)
RABENS, ISIDORE A., M.S., M.D., Clinical Associate Professor
RAGINS, OSCAR B., M.S., M.D., Clinical Associate Professor
RAPPAPORT, BEN Z., M.S., M.D., Clinical Associate Professor
SHEAFF, HOWARD M., Ph.D., M.D., Clinical Associate Professor (Rush)
TRAUT, EUGENE F., B.S., M.D., Clinical Associate Professor (Rush)
TRIMMER, RALPH W., M.D., Clinical Associate Professor (Rush)
VANDERKLOOT, ALBERT, M.D., Clinical Associate Professor
FREDRICKSON, FREDERICK O., M.D., Assistant Professor (Rush), *Emeritus*
WILSON, FRANKLIN S., Ph.G., M.D., Assistant Professor (Rush), *Emeritus*
ABRAMSON, DAVID I., M.D., Clinical Assistant Professor
AFREMOW, MELVIN L., M.S., M.D., Clinical Assistant Professor
AMTMAN, LEO E., B.S., M.D., Clinical Assistant Professor
BARTON, EVAN M., A.B., M.D., Clinical Assistant Professor (Rush)
BERNSTEIN, ARTHUR, B.S., M.D., Clinical Assistant Professor
BERSON, ROBERT C., A.B., M.D., Assistant Professor (also Assistant Medical Director of the Research and Educational Hospitals, and Assistant Dean of College of Medicine, with salary)
BOIKAN, WILLIAM S., M.S., M.D., Clinical Assistant Professor
BUTLER, STUYVESANT, Ph.B., M.D., Clinical Assistant Professor (Rush)
CALLOWAY, NATHANIEL O., Ph.D., M.D., Clinical Assistant Professor
CAMPBELL, JAMES A., M.D., Assistant Professor (Rush)
CARTER, JAY B., M.S., M.D., Clinical Assistant Professor (Rush)
DEUSS, HUGO O., B.S., M.D., Clinical Assistant Professor
FISCHER, JACOB W., B.S., M.D., Clinical Assistant Professor
FISHBEIN, MORRIS, B.S., M.D., Phar.D., Clinical Assistant Professor (Rush)
GARDINER, JOHN A., A.M., M.D., Clinical Assistant Professor (Rush)
GRAY, EARLE, B.S., M.D., Clinical Assistant Professor (Rush)
HILKEVITCH, BENJAMIN H., M.D., Clinical Asssitant Professor (Rush)
JONES, ROBERT M., A.B., M.D., Clinical Assistant Professor
KNIGHT, ALVA A., B.S., M.D., Clinical Assistant Professor (Rush)
LEVITT, ROBERT O., A.B., M.D., Clinical Assistant Professor
LICHTENSTEIN, MEYER R., M.S., M.D., Clinical Assistant Professor
MCMILLAN, J. CHARLES, JR., B.S., M.D., Clinical Assistant Professor
MOSKO, MILTON M., B.S., M.D., Clinical Assistant Professor
PROPST, DUANE W., A.B., B.S., M.D., Clinical Assistant Professor (on leave of absence for one year beginning September 1, 1949)
ROBERG, NORMAN B., M.D., Clinical Assistant Professor
ROSENBLUM, SAMUEL H., B.S., M.D., Clinical Assistant Professor
SPELLBERG, MITCHELL A., M.D., Clinical Assistant Professor
STECK, IRVING E., M.S., M.D., Clinical Assistant Professor
STRAUS, ELIZABETH K., A.B., M.D., Clinical Assistant Professor (Rush)
STUPPY, GEORGE W., Ph.D., M.D., Clinical Assistant Professor (Rush)
WOOD, WILLARD L., M.S., M.D., Clinical Assistant Professor (Rush)
WOODRUFF, LEWIS W., B.S., M.D., Clinical Assistant Professor (Rush)
AKRE, OSMUND H., A.B., M.D., Clinical Associate (Rush)
BAIRD, THOMAS A., B.S., M.D., Clinical Associate (Rush)
BENNETT, JOSEPH R., A.B., M.D., Clinical Associate (Rush)
BERG, MAX, Ph.D., M.D., Clinical Associate
BERNSTEIN, MAX M., B.S., M.D., Clinical Associate
BREUHAUS, HERBERT C., B.S., M.D., Clinical Associate (Rush)
BROWN, RALPH G., A.B., M.D., Clinical Associate (Rush)

BYFIELD, GEORGE V., M.S., M.D., Clinical Associate
DITKOWSKY, SAMUEL E., B.S., M.D., Clinical Associate
EDIDIN, LOUIS, B.S., M.D., Clinical Associate
GALT, RAYMOND M., A.B., M.D., Clinical Associate
GROSZ, EUGENE, M.D., Clinical Associate
GUNTHER, AARON, B.S., M.D., Clinical Associate
HOOVER, HAROLD M., B.S., M.D., Clinical Associate
HUTCHISON, WILLIAM A., M.D., Clinical Associate
HYMAN, SAMUEL, M.P.H., B.S., M.D., Clinical Associate
IRONS, EDWIN N., B.S., M.D., Clinical Associate (Rush)
KAPLAN, MORRIS A., M.S., M.D., Clinical Associate
KINNEY, JANET R., B.S., M.D., Clinical Associate
KIRBY, WILLIAM J., B.S., M.D., Clinical Associate (Rush)
MEHLMAN, JEROME S., A.B., M.D., Clinical Associate
NECHELES, JOHN R., M.D., Clinical Associate
NELSON, BERTRAM G., B.S., M.D., Clinical Associate (Rush)
PAUL, OGLESBY, A.B., M.D., Clinical Associate (Rush)
PERLMAN, LAWRENCE, B.S., M.D., Clinical Associate
RAVENNA, PAUL, M.D., Clinical Associate
RICEWASSER, HENRY, B.S., A.B., M.D., Clinical Associate
RITTER, ISRAEL I., B.S., M.D., Clinical Associate
ROSENBLUM, ALFRED H., B.S., M.D., Clinical Associate
SCHICK, ARMIN F., B.S., M.D., Clinical Associate (Rush)
SIMKIN, MAURICE, B.S., M.D., Clinical Associate (Rush)
SIMKIN, WILLIAM, B.S., M.D., Clinical Associate (Rush)
TURNER, GEORGE C., B.S., M.D., Clinical Associate (Rush)
WILLIAMS, JAMES L., A.M., M.D., Clinical Associate
WOLF, ALEXANDER, B.S., M.D., Clinical Associate
AREN, MARVIN W., B.S., M.D., Clinical Instructor
BEINAR, PETER J., B.S., M.D., Clinical Instructor
BERKE, ROBERT D., M.D., Clinical Instructor
BICA, GAETANO A., B.S., M.D., Clinical Instructor
CARSTENS, H. PAUL, M.S., M.D., Clinical Instructor
CRONHEIM, ERNST, M.D., Clinical Instructor
DETRANA, FRANK A., M.D., Clinical Instructor
DEYOUNG, WILLARD G., B.S., M.D., Clinical Instructor (Rush)
DICKEY, MARVIN M., M.D., Clinical Instructor (Rush)
EHRLICH, NORMAN J., M.S., M.D., Clinical Instructor
FEINHANDLER, EMANUEL J., B.S., M.D., Clinical Instructor
FISHER, DON L., B.S., M.D., Clinical Instructor (Rush)
FRANZBLAU, SANFORD A., M.S., M.D., Clinical Instructor
GREGORIO, JOHN T., M.D., Clinical Instructor
GURVEY, JULIUS A., B.S., M.D., Clinical Instructor
HARTMAN, ESLIE, A.B., M.D., Clinical Instructor
HENNEMEYER, RUDOLPH J., M.D., Clinical Instructor (Rush)
HORWITZ, HARVEY, B.S., M.D., Clinical Instructor
HULL, BARBARA J., A.B., M.D., Clinical Instructor
JANSON, C. HELGE M., B.S., M.D., Clinical Instructor (Rush)
JESSER, JOSEPH H., B.S., M.D., Clinical Instructor
KESLER, ROLAND L., A.B., M.D., Clinical Instructor (Rush)
LEVINE, HOWARD J., B.S., M.D., Clinical Instructor
LEWIS, WARREN C., A.B., B.S., M.D., Clinical Instructor
LUBIN, JEROME J., B.S., M.D., Clinical Instructor
PETRAKOS, HARRY N., B.S., M.D., Clinical Instructor
POLLEY, THEODORE Z., B.S., M.D., Clinical Instructor
POST, JOHN, B.S., M.D., Clinical Instructor (Rush)
RHETTA, HELEN L., A.B., M.D., Clinical Instructor
ROSANOVA, ALBERT R., B.S., M.D., Clinical Instructor
SAPIENZA, ANTHONY R., B.S., M.D., Clinical Instructor
SARGENT, FREDERICK, II, B.S., M.D., Clinical Instructor
SCALA, RALPH A., LL.B., M.D., Clinical Instructor

SCHWARTZ, HARRY R., B.S., M.D., Clinical Instructor
SINGER, JOHN D., B.S., M.D., Clinical Instructor
SELVERSTONE, LOUIS A., A.B., M.D., Instructor (Rush)
SLADEK, WILLIAM R., B.S., M.D., Clinical Instructor
TELSER, STANLEY E., A.B., M.D., Clinical Instructor
TIMBLIN, WILLIAM S., B.S., M.D., Clinical Instructor
YELLEN, HARRY J., B.S., M.D., Clinical Instructor
ZELLER, MICHAEL, M.D., Clinical Instructor
WIEN, NORMAN A., B.S., M.D., Clinical Instructor
BALLARD, GEORGE P., B.S., M.D., Clinical Assistant
BASKETT, LINDSAY M., B.S., M.D., Clinical Assistant (Rush)
BEAUBIEN, MARK S., B.S., M.D., Clinical Assistant (Rush)
BEST, WILLIAM R., B.S., M.D., Clinical Assistant (also Resident in Medicine at Research and Educational Hospitals, with salary)
BLACK, ARNOLD, B.S., M.D., Clinical Assistant
BRETZ, WILLIAM E., B.S., M.D., Clinical Assistant (Rush)
CHAPMAN, ROBERT A., A.B., M.D., Clinical Assistant
CHERTACK, MELVIN M., M.S., M.D., Clinical Assistant (also Resident in Medicine at Research and Educational Hospitals, with salary)
DE JONG, GEORGE A., M.D., Clinical Assistant (Rush)
DONOVAN, DANIEL L., M.D., Clinical Assistant (Rush)
FARAGO, PETER J., M.D., Clinical Assistant (Rush)
FORREST, RUSSELL A., M.D., Clinical Assistant (also Resident in Medicine at Research and Educational Hospitals, with salary)
GIANASI, CHARLES A., A.B., M.D., Clinical Assistant (also Resident in Medicine at Research and Educational Hospitals, with salary)
GRIMELLI, LUKE J., M.D., Clinical Assistant
GRUNDSET, LLOYD H., B.S., M.D., Clinical Assistant
HALL, F. RICHARD, B.S., M.D., Clinical Assistant (Rush)
HARTLEY, HENRIETTA S., M.D., Clinical Assistant
HISS, FREDERICK W., M.D., Clinical Assistant (Rush)
JACKSON, EDWARD L., B.S., M.D., Clinical Assistant
JORANSON, ROBERT E., B.S., M.D., Clinical Assistant (Rush)
KALB, CLIFFORD H., M.D., Clinical Assistant
MARTIN, CLEMENT G., M.S., M.D., Clinical Assistant (Rush)
MCBRIDE, DONALD F., B.S., M.D., Clinical Assistant (Rush)
MCGRATH, CHARLES D., A.B., M.D., Clinical Assistant (Rush)
MEREDITH, PAUL A., A.B., M.D., Clinical Assistant (also Resident in Medicine at Research and Educational Hospitals, with salary)
MORRIS, ROGER S., M.D., Clinical Assistant (Rush)
NARUT, LEO F., A.B., B.S., M.D., Clinical Assistant
O'BRIEN, DONALD E., M.D., Clinical Assistant (Rush)
PILLING, WARREN C., B.S., M.D., Clinical Assistant (Rush)
RAY, MARY, B.S., M.D., Clinical Assistant (Rush)
ROSENBLUM, ABRAHAM I., B.S., M.D., Clinical Assistant
SCHNAER, IRA L., M.D., Clinical Assistant (Rush)
SCHUPP, JOSEPH G., A.B., M.D., Clinical Assistant (Rush)
SIEGEL, ALFRED L., B.S., M.D., Clinical Assistant
SLOTT, IRVING, B.S., M.D., Clinical Assistant
TESCHAN, PAUL E., M.S., M.D., Clinical Assistant (Rush)
THRIFT, C. B., B.S., M.D., Clinical Assistant (Rush)
VORHAUS, LOUIS J., II, M.D., Clinical Assistant (also Resident in Medicine at Research and Educational Hospitals, with salary)
WEINBERG, BERNHARD J., B.S., M.D., Clinical Assistant
WEINER, ROBERT G., B.S., M.D., Clinical Assistant
WEISS, EUGENE, M.S., M.D., Clinical Assistant
YONAN, JOHN B., M.D., Clinical Assistant
YOUNG, CHARLES W., M.D., Clinical Assistant (also Resident in Medicine at Research and Educational Hospitals, with salary)
STENN, FREDERICK, M.S., M.D., Lecturer in History of Medicine

Neurology and Neurological Surgery

AVERY, LOREN W., A.B., M.D., Clinical Professor of Neurology (Rush)
VERBRUGGHEN, ADRIEN, B.M., Ch.M., M.S., Clinical Professor of Neurological Surgery (Rush), assigned to Anatomy part time
LICHTENSTEIN, BEN W., B.S., M.D., Associate Professor of Neurology
GUSTAFSON, WESLEY A., M.D., Clinical Assistant Professor of Neurological Surgery
HAASE, ERNST, M.D., Clinical Assistant Professor of Neurology
ZEITLIN, HOWARD, M.S., M.D., Clinical Assistant Professor of Neurology
HARDT, HARRY G., Ph.G., M.D., Clinical Associate in Neurology (Rush), *Emeritus*
CASCINO, JOSEPH P., M.D., Clinical Instructor in Neurosurgery
SPEIGEL, I. JOSHUA, M.D., Clinical Instructor in Neurosurgery
TEXTOR, CHARLES S., II, M.S., M.D., Clinical Instructor in Neurosurgery (Rush)
VONWITZLEBEN, HENRY D., M.D., Clinical Instructor in Neurology
ZOLT, NATHAN, M.D., Clinical Instructor in Neurology
AMADOR, LUIS V., B.S., M.D., Clinical Assistant (also Resident at Research and Educational Hospitals, with salary)
CRANDALL, PAUL H., B.S., M.D., Clinical Assistant (also Resident at Research and Educational Hospitals, with salary)
FRESHWATER, DONALD B., M.D., Clinical Assistant (also Resident at Research and Educational Hospitals, with salary)
HEIMBURGER, ROBERT F., B.S., M.D., Clinical Assistant in Neurosurgery
OBERHILL, HAROLD R., B.S., M.D., Clinical Assistant in Neurosurgery
SCHWARTZ, MELVIN L., B.S., M.D., Clinical Assistant (also Resident at Research and Educational Hospitals, with salary)
WOODS, ROBERT P., B.S., M.D., Clinical Assistant (also Resident at Research and Educational Hospitals, with salary)

Obstetrics and Gynecology

HOLMES, RUDOLPH W., M.D., Professor (Rush), *Emeritus*
WEBSTER, JOHN C., M.D., Professor (Rush), *Emeritus*
BAER, JOSEPH L., M.S., M.D., Clinical Professor (Rush), *Emeritus*
HEANEY, NOBEL S., A.B., M.D., Clinical Professor (Rush), *Emeritus*
ALLEN, EDWARD D., B.S., M.D., Clinical Professor (Rush)
KANTER, AARON E., M.S., M.D., Clinical Professor (Rush)
LASH, ABRAHAM F., M.D., Ph.D., Clinical Associate Professor
HAMMOND, WALTER C., M.D., Clinical Assistant Professor, *Emeritus*
LANG, JOHN M., M.D., Clinical Assistant Professor, *Emeritus*
NEWBERGER, CHARLES, B.S., M.D., Clinical Assistant Professor, *Emeritus*
STONE, FRANK L., M.D., Clinical Assistant Professor, *Emeritus*
BOLEY, MICHAEL H., B.S., M.D., Clinical Assistant Professor
BOYSEN, HARRY, B.S., M.D., Clinical Assistant Professor (Rush)
KLAWANS, ARTHUR H., B.S., M.D., Clinical Assistant Professor (Rush)
KOBAK, ALFRED J., M.S., M.D., Clinical Assistant Professor
LIFVENDAHL, RICHARD A., B.S., M.D., Clinical Assistant Professor
PRIEST, FRED O., A.B., M.D., Clinical Assistant Professor (Rush)
SERED, HARRY, M.D., Clinical Assistant Professor
CAREY, CLAIR M., B.S., M.D., Clinical Associate
DARO, AUGUST F., M.D., Clinical Associate
DRAA, CECIL C., B.S., M.D., Clinical Associate (Rush)
TETON, JOSEPH B., B.S., M.D., Clinical Associate
WALSH, FRANK J., M.D., Clinical Associate
ANDRESEN, RICHARD H., M.D., Instructor (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
BACON, ALFONS R., B.S., M.D., Clinical Instructor
BAUM, HUGO C., B.S., M.D., Clinical Instructor (Rush)
BERGMANN, HARRY W., M.D., Instructor (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
BRAND, ASHLEY M., B.S., M.D., Clinical Instructor

DeLee, Sol T., M.S., M.D., Clinical Instructor
Glenner, Robert J., B.S., M.D., Clinical Instructor
Karraker, Richard W., B.S., M.D., Instructor (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-49*)
Mouzakeotis, Theodore C., M.D., Clinical Instructor
Smith, C. Otis, A.B., B.S., M.D., Clinical Instructor
Smith, Harold E., B.S., M.D., Clinical Instructor
Angell, Joseph S., M.D., Clinical Assistant (Rush)
Austin, Stephen D., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
Bissell, Schuyler M., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
Breister, Benjamin W., M.D., Clinical Assistant (Rush)
Brumme, Marvin R., M.D., Clinical Assistant
Cunningham, Thomas R., M.D., Clinical Assistant (Rush)
Fagan, George E., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
Griffin, Joe J., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-49*)
Long, John S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
Lutz, J. Frederick, B.S., M.D., Clinical Assistant (Rush)
McDougal, Thomas C., B.S., M.D., Clinical Assistant
Nettles, John B., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-49*)
Peterson, Lowell F., M.D., Clinical Assistant (Rush)
Rold, Dale A., M.D., Clinical Assistant (Rush)
Sykora, Lawrence J., M.D., Clinical Assistant
Waddington, Harry K., B.S., M.D., Assistant (*1 year from 7-1-49*)
Whitlock, Richard F., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-49*)

Ophthalmology

Brown, Edward V. L., B.S., M.D., Clinical Professor (Rush), *Emeritus*
Darling, Charles G., M.D., Clinical Professor (Rush), *Emeritus*
Gradle, Harry S., A.B., M.D., Professor, *Emeritus*
Moncreiff, William F., M.S., M.D., Clinical Professor (Rush)
Donegan, Justin M., M.D., Associate Professor (Rush)
Allen, Thomas D., A.B., M.D., Clinical Associate Professor (Rush)
Apple, Carl, B.S., M.D., Clinical Associate Professor
Fowler, Earle B., B.S., M.D., Clinical Associate Professor (Rush)
Riser, Roy O., M.D., Clinical Associate Professor
Clark, James S., B.S., M.D., Clinical Assistant Professor
Cowen, Jack P., B.S., M.D., Clinical Assistant Professor
Jacobson, Max M., B.S., M.D., Clinical Assistant Professor (Rush)
Scheribel, Karl J., B.S., M.D., Clinical Assistant Professor (Rush)
Zekman, Theodore N., A.B., B.S., M.D., Clinical Assistant Professor
Fox, Nathan H., M.D., Clinical Associate
Leech, Vernon M., M.D., Clinical Associate (Rush)
Maher, David B., M.D., Clinical Associate
Nethercut, Glenway W., M.D., Clinical Associate
Rosenberg, William, B.S., M.D., Clinical Associate
Scheffler, Milton M., B.S., M.D., Clinical Associate
Snydacker, Daniel, M.D., Clinical Associate
Sternberg, Paul, B.S., M.D., Clinical Associate
Benford, Myron C., B.S., M.D., Instructor (also Associate Medical Director of Research and Educational Hospitals, with salary)
Brooks, Roosevelt, M.D., Clinical Instructor
Cox, Fred G., B.S., M.D., Clinical Instructor
Crane, Cyril V., B.S., M.D., Clinical Instructor (Rush)

FEINBERG, LOUIS, B.S., M.D., Clinical Instructor
LEARSY, CHARLES A., M.D., Clinical Instructor (Rush)
MUNDT, GEORGE H., JR., M.S., M.D., Clinical Instructor
PUSHKIN, EDWARD, B.S., M.D., Clinical Instructor
SCHULTZ, ABRAHAM, M.D., Clinical Instructor
FORDON, LEONA R., B.S., M.D., Clinical Assistant
MCNAMARA, T. B., M.D., Clinical Assistant
WILSON, CHARLES F., B.S., M.D., Assistant (Rush)
WONES, EDWARD M., JR., B.S., M.D., Clinical Assistant
BARRETT, CHARLES V., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
BAYARD, WALTER L., A.B., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
BIEGEL, ALBERT C., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
BREWSTER, WILLIAM B., JR., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
BROWNING, CARROLL W., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
CHOCK, PHILIP W. H., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
FLOYD, GLEN, A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
GUEST, WILBUR C., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
HAHNE, LEONARD J., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
HALL, JAMES M., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
HOUGH, MAC J., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
JONES, EDWARD T., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
KILLIAN, CAMILLE H., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
KISSLING, ARTHUR C., JR., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
LOEB, DONALD R., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
MCDONALD, JAMES E., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
MIDDLETON, WILLIAM H., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
MURPHY, ROBERT H., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
PANTER, EDWARD G., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
PETRAVICE, PETER A., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*6 months from 7-1-49*)
SCHALL, SAMUEL M., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)
TACKE, ARTHUR W., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
WADE, FREDERICK E., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)

Orthopaedic Surgery

BERKHEISER, ELVIN J., A.B., M.D., Clinical Associate Professor (Rush)
MURPHY, FRANK G., B.S., M.D., Clinical Assistant Professor
GRIMMER, EVERETT A., D.D.S., Clinical Associate
MARSHALL, WILLIAM A., B.S., M.D., Clinical Associate
MILLER, LEO F., B.S., M.D., Clinical Associate
SHAPIRO, FRED, B.S., M.D., Clinical Associate (Rush)
TURNER, HORACE E., B.S., M.D., Clinical Associate
EICHELBAUM, KURT, M.D., Clinical Instructor
FARRINGTON, JOSEPH D., A.B., M.D., Clinical Instructor
JONES, KENNETH G., B.S., M.D., Instructor (also Resident at Research and Educational Hospitals) (*6 months from 7-1-49*)
VARZINO, LOUIS S., B.S., M.D., Clinical Instructor (Rush)
BECHTOL, ROBERT C., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)
CRAIN, ALAN R., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)
FLYNN, CHARLES T., JR., B.S., M.D., Instructor (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)
JOFFE, HERMAN, M.S., M.D., Clinical Assistant
LIDGE, RALPH T., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)

Otolaryngology

HAYDEN, DANIEL B., A.M., M.D., Clinical Professor (Rush), *Emeritus*
HOLLENDER, ABRAHAM R., M.S., M.D., Professor, *Emeritus*
THEOBALD, WALTER H., B.S., M.D., Clinical Associate Professor
VAN ALYEA, OLIVER E., M.D., Clinical Associate Professor
WATKINS, RICHARD W., B.S., M.D., Clinical Associate Professor (Rush)
ANDREWS, ALBERT H., JR., M.S., M.D., Clinical Assistant Professor of Bronchoesophagology
CHAINSKI, E., M.D., Clinical Assistant Professor
FABRICANT, NOAH, M.S., M.D., Clinical Assistant Professor
FRIEDBERG, STANTON A., A.B., M.D., Clinical Assistant Professor
FOX, NOAH, B.S., M.D., Clinical Assistant Professor
LEWIS, G. KENNETH, B.S., M.D., Clinical Assistant Professor
LEWY, ROBERT B., B.S., M.D., Clinical Assistant Professor
LIVINGSTON, GEORGE S., M.S., M.D., Clinical Assistant Professor
MORWITZ, SAMUEL M., B.S., M.D., Clinical Assistant Professor
SCOTT, GORDON H., M.D., Clinical Assistant Professor (Rush)
SHAPIRO, SHERMAN L., B.S., M.D., Clinical Assistant Professor
SPIESMAN, IRWIN G., B.S., M.D., Clinical Assistant Professor
WALLNER, LINDEN J., B.S., M.D., Clinical Assistant Professor (Rush)
WOJNIAK, FRANK, M.D., Clinical Assistant Professor (Rush)
BECKER, OSCAR J., B.S., M.D., Clinical Associate
BLUMKLOTZ, BRUNO, M.D., Clinical Associate
COOMBS, ARTHUR J., B.S., M.D., Clinical Associate
GREENE, LOIS D., A.B., M.D., Clinical Associate
HENNER, ROBERT, B.S., M.D., Clinical Associate
JOHNSTON, KENNETH C., B.S., M.D., Clinical Associate in Bronchoesophagology
LESHIN, NORMAN, B.S., M.D., Clinical Associate
PISZKIEWICZ, FRANK J., B.S., M.D., Clinical Associate
SATZ, LEO, B.S., M.D., Clinical Associate
SAVITT, LOUIS, M.D., Clinical Associate
SINGH, HARKISHEN, D.M.D., M.D., Clinical Associate
BLUMENTHAL, HELMUT, M.D., Clinical Instructor
CUTLER, MAX H., B.S., M.D., Clinical Instructor
HOELTGEN, MAURICE M., B.S., M.D., Clinical Instructor
MATZKIN, LLOYD L., B.S., M.D., Clinical Instructor
PELLETTIERE, EDMUND V., B.S., M.D., Clinical Instructor

POLLOCK, FREDERIC J., B.S., M.D., Clinical Instructor
SPRINGER, KURT, M.D., Clinical Instructor (Rush)
ANISON, GEORGE C., B.S., M.D., Clinical Assistant in Bronchoesophagology
GUEMMER, G., B.S., M.D., Clinical Assistant (Rush)
LOEWY, ARTHUR, B.S., M.D., Clinical Assistant
MAZIQUE, DOUGLAS W., A.B., M.D., Clinical Assistant
NIANICK, LEONARD M., B.S., M.D., Clinical Assistant
SOBOROFF, BURTON J., B.S., M.D., Clinical Assistant
SUKIS, ANTHONY E., M.D., Clinical Assistant
WEIDEMANN, J., B.S., M.D., Clinical Assistant
COHEN, L., B.S., M.D., Instructor (also Resident at Research and Educational Hospitals, with salary)
GOLDWARE, ROSS R., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary)
MCMAHON, ROBERT J., A.B., M.D., Assistant (also Resident Fellow at Research and Educational Hospitals, without salary)
STEADMAN, MONTE G., B.S., M.D., Assistant (also Resident Fellow at Research and Educational Hospitals, without salary)
ZELDIN, A. JOEL, Assistant (*1 year from 7-1-49*)

Pathology

HASS, GEORGE M., M.D., Professor (Rush) (*Indefinite*)
SAPHIR, OTTO, M.D., Clinical Professor
KEARNS, JERRY J., B.S., M.D., Clinical Assistant Professor
TAYLOR, CHARLES B., B.S., M.D., Assistant Professor (Rush)
ALEXANDER, MARSHALL O., A.B., M.D., Clinical Instructor
AYER, JOHN P., A.B., M.D., Instructor (Rush)
ERICKSON, ETHEL E., B.S., M.D., Instructor
SCHWEITZER, ALBERT M., B.S., M.D., Instructor (Rush)
STONE, FRED D., B.S., M.D., Clinical Instructor
WILSON, HUGH, A.B., M.D., Clinical Instructor
ASHLEY, CHARLES A., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital)
BICKNELL, FRANK J., B.S., M.D., Assistant (also Resident at Michael Reese Hospital)
CRAIG, JOHN M., A.M., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital)
DALLENBACH, F. D., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-49*)
FINE, GERALD, B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-49*)
FIX, LESTER W., M.D., Clinical Teaching Assistant (*1 year from 7-1-49*)
MALONEY, JOHN E., M.D., Assistant (Rush)
SOLOMON, ROBERT D., B.S., M.D., Assistant (*1 year from 7-1-49*)
TESLUK, HENRY, A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital)
VAWTER, GORDON F., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital)

Pediatrics

HESS, JULIUS H., M.D., Professor, *Emeritus*
GRULEE, CLIFFORD G., A.M., M.D., LL.D., Clinical Professor (Rush), *Emeritus*
HOYNE, ARCHIBALD L., A.B., B.S., M.D., Clinical Professor (Rush), *Emeritus*
BUTLER, CRAIG D., B.S., M.D., Clinical Associate Professor (Rush)
KOBES, HERBERT R., M.D., Clinical Associate Professor
STULIK, CHARLES K., Ph.G., Ph.C., B.S., M.D., Clinical Associate Professor (Rush)
BOWER, LESTER E., A.B., M.D., Clinical Assistant Professor
FRAUENBERGER, GEORGE S., M.S., M.D., Clinical Assistant Professor
GASUL, BENJAMIN M., B.S., M.D., Clinical Assistant Professor
HALPERN, LOUIS J., B.S., M.D., Clinical Assistant Professor
HARRISON, C. JACK, B.S., M.D., Clinical Assistant Professor (Rush)

HOFFMAN, SAMUEL J., B.S., M.D., Clinical Assistant Professor
KAGAN, BENJAMIN M., A.B., M.D., Clinical Assistant Professor
LEICHENGER, HARRY, B.S., M.D., Clinical Assistant Professor
LEVINSON, SIDNEY O., B.S., M.D., Clinical Assistant Professor
SALTIEL, THOMAS P., B.S., M.D., Clinical Assistant Professor
SHAW, NOEL G., A.B., M.D., Clinical Assistant Professor (Rush)
LEWISON, MATTHEW, B.S., M.D., Clinical Associate (Rush)
BARATZ, J. JOSEPH, B.S., M.D., Clinical Instructor
BRESLOW, LAWRENCE, A.B., M.D., Clinical Instructor
BROWN, ROWINE H., B.S., M.D., Clinical Instructor
DESSENT, ROBERT A., B.S., M.D., M.P.H., Clinical Instructor
DITKOWSKY, SOL P., B.S., M.D., Clinical Instructor
PAUKER, NORBERT, B.S., M.D., Clinical Instructor
RICHTER, IRVING B., M.D., Clinical Instructor
STEIN, A. F., B.S., M.D., Clinical Instructor
TIGAY, CLARA D., A.B., M.D., Clinical Instructor
WOLF, A. A., B.S., M.D., Clinical Instructor
BOHNING, ANNE, A.B., M.D., Clinical Instructor (Rush)
COLON, WILDO D., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital)
DARROW, RUTH, M.D., Clinical Assistant (Rush)
GARRARD, STERLING D., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary)
GIBSON, GLENN, B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary)
GREEN, MORRIS, M.D., Assistant (also Resident at Research and Educational Hospitals, with salary) (*6 months from 7-1-49*)
JACKSON, MILDRED R., B.S., M.D., Clinical Assistant
LANDER, HERMAN B., B.S., M.D., Clinical Assistant
LIS, EDWARD F., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary)
MUNSEY, FRANKLIN A., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary)
MURPHY, WILLIAM F., JR., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital)
NAGEL, HARRY T., M.D., Clinical Assistant (Rush)
WEHRLE, PAUL F., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary)
WELFORD, NORMAN T., M.D., Clinical Assistant

Pharmacology

BAIN, JAMES A., Ph.D., Research Associate
MUEHLBERGER, CLARENCE W., Ph.D., Professorial Lecturer
SCHIFFRIN, MILTON J., Ph.D., Lecturer
THOMPSON, ROBERT E., Ph.D., Professorial Lecturer
VAN WINKLE, WALTON, JR., A.B., M.D., Professorial Lecturer

Physiology

MCCULLOCH, WARREN S., A.M., M.D., Professor (also Professor of Psychiatry, with salary) (*Indefinite*)
MARBARGER, JOHN P., Ph.D., Associate Professor (also in Physical Environment Unit, with salary)
CRANDALL, LATHAN A., JR., Ph.D., M.D., Professorial Lecturer
HOFFMAN, WILLIAM S., Ph.D., M.D., Professorial Lecturer

Preventive Medicine and Public Health

ROSENTHAL, SOL R., M.D., Ph.D., Associate Professor
HULL, THOMAS G., Ph.D., Assistant Professor
KLASSEN, CLARENCE W., B.S., Assistant Professor

McDANIELS, HERBERT E., Ph.D., Assistant Professor
PISZCZEK, EDWARD A., M.D., M.P.H., Assistant Professor
MORSE, KENNETH M., M.S., Instructor

Psychiatry

HAMILL, RALPH C., Ph.B., M.D., Clinical Professor (Rush), *Emeritus*
BRAUDE, MORRIS, M.D., Clinical Associate Professor (Rush), *Emeritus*
HOFFMAN, HARRY H., B.S., M.D., Clinical Associate Professor (Rush)
MOHR, GEORGE J., B.S., M.D., Clinical Associate Professor
MORRISON, DONALD, B.S., M.D., Clinical Associate Professor
SOLOMON, ALFRED P., A.B., M.D., Clinical Associate Professor
BRODER, SAMUEL B., M.D., M.S., Clinical Assistant Professor
FLEMING, JOAN, A.M., M.D., Clinical Assistant Professor
GYARFAS, KALMAN, M.D., Clinical Assistant Professor
KRAINES, SAMUEL, B.S., M.D., Clinical Assistant Professor
McCORMICK, JAY E., B.S., M.D., Clinical Assistant Professor (Rush)
McMILLAN, ROBERT G., M.D., Clinical Assistant Professor
NOLAN, WILLIAM J., M.D., Clinical Assistant Professor
NOVICK, RUDOLPH, M.D., Clinical Assistant Professor
PASKIND, JACOB, M.D., Clinical Assistant Professor
PERKINS, GEORGE L., M.D., Clinical Assistant Professor
SLOMAN, SOPHIE S., B.S., M.D., Clinical Assistant Professor (also Assistant Professor of Criminology and Legal Medicine, with salary)
SONENTHAL, ISRAEL R., M.D., M.S., Clinical Assistant Professor
TALBOTT, RALPH, M.D., Clinical Assistant Professor (Rush)
WEATHERLY, HOWARD E., A.B., M.D., Clinical Assistant Professor
WEINBERG, JACK, M.D., Clinical Assistant Professor
WITTMAN, PHYLLIS, Ph.D., Clinical Assistant Professor of Psychology
WRIGHT, DONOVAN G., M.D., Clinical Assistant Professor
BELINSON, LOUIS, A.B., M.D., Clinical Instructor
FINEBERG, HENRY, A.B., M.D., Clinical Instructor
HANDLER, JOEL, Clinical Instructor (also Consultant in Health Service, with salary)
HARMAN, DAVID, M.D., Clinical Instructor
HOLLENDER, MARC, B.S., M.D., Clinical Instructor
LIEBMAN, SAMUEL, M.D., Clinical Instructor
MEEHAN, MARJORIE, A.B., M.D., Clinical Instructor (Rush)
PASCHKES, ERICH, M.D., Clinical Instructor
RAISBECK, ALDEN, A.B., M.D., Clinical Instructor
VICTRO, SAMUEL, M.D., Clinical Instructor
WEISDORF, WILLIAM, B.S., M.D., Clinical Instructor
LORIMER, FRANK M., A.B., M.D., Clinical Research Assistant
ALTSCHUL, SOL, M.S., M.D., Assistant
BEGUESSE, H. HUGH, B.S., M.D., Clinical Assistant
BERNSTEIN, MYRTLE L., M.S., M.D., Assistant
BLOCK, BERNARD, Ph.D., M.D., Assistant
DEVLIN, WILLIAM J., M.S.S.W., Ph.D., M.D., Assistant
LIPTON, BARBARA, B.S., M.D., Clinical Assistant
LONGINI, JOAN, M.D., Ph.D., Assistant
POLLOCK, GEORGE, Ph.D., Assistant

Radiology

BEILIN, DAVID S., B.S., M.D., Clinical Assistant Professor
BRAUN, BENJAMIN D., A.B., B.S., M.D., Clinical Assistant Professor
LEADER, SAMUEL A., B.S., M.D., Clinical Assistant Professor
SLOBODIN, HARRY, A.B., M.D., Clinical Assistant Professor
WILSON, AUDREY L., B.S., M.D., Clinical Assistant Professor
IRISH, KEITH R., B.S., M.D., Instructor (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)
JOHNSON, BRANTLEY, M.D., Clinical Instructor

KLAUBER, WILLIAM A., B.S., M.D., Instructor (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)
STARKMAN, NATHAN, M.D., Clinical Instructor
WATSON, ROBERT W., M.D., Instructor (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
CLARK, CARL E., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals)
FRICKER, GEOFFREY A., A.B., M.D., Assistant (also Resident at Presbyterian Hospital)
HEWITT, JOHN M., B.S., M.D., Assistant (also Resident at Presbyterian Hospital)
JUDY, WILLIAM S., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals)
PANTONE, ANTON M., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals)
STETSON, LAWRENCE J., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals)

Surgery

BAKER, HILLIER L., B.S., M.D., Clinical Professor (Rush) (*Indefinite*)
DAVID, VERNON C., A.B., M.D., Clinical Professor (Rush) (*Indefinite*)
DAVIS, CARL B., M.D., Professor (Rush), *Emeritus*
MCARTHUR, SELIM W., Ph.B., M.D., Professor (Rush), *Emeritus*
MILLER, EDWIN M., A.B., M.D., Clinical Professor (Rush) (*Indefinite*)
NADEAU, OSCAR E., M.D., Clinical Professor (*Indefinite*)
PERCY, NELSON M., M.D., Professor, *Emeritus*
SPEED, KELLOGG, B.S., M.D., Professor (Rush), *Emeritus*
STRAUS, FRANCIS H., B.S., M.D., Clinical Associate Professor (Rush) (*Indefinite*)
VAUGHAN, ROGER T., Ph.B., M.D., Associate Professor (Rush), *Emeritus*
FELL, EGBERT H., A.B., M.D., Clinical Associate Professor (Rush)
GILCHRIST, RICHARD K., B.S., M.D., Clinical Associate Professor (Rush)
GREELEY, PAUL W., A.B., M.D., Clinical Associate Professor
GUY, CHESTER C., B.S., M.D., Clinical Associate Professor
HAZLETT, WILLIAM H., M.D., Clinical Associate Professor
JENKINS, HILGER P., B.S., M.D., Clinical Associate Professor
JIRKA, FRANK J., M.D., Clinical Associate Professor
KOUCKY, JOHN D., M.S., M.D., Clinical Associate Professor
LYON, WILL F., A.B., M.D., Clinical Associate Professor
MCMILLAN, FOSTER L., B.S., M.D., Clinical Associate Professor
ODEN, RUDOLPH J. E., A.B., M.D., Clinical Associate Professor
SCHULTZ, LOUIS W., D.D.S., B.S., M.D., Clinical Associate Professor of Oral Surgery
SEED LINDON, M.S., M.D., Clinical Associate Professor
SPIVACK, JULIUS L., M.D., LL.D., Clinical Associate Professor
VAN PROHASKA, JOHN, B.S., M.D., Clinical Associate Professor
ALMQUIST, CARL O., B.S., M.D., Clinical Assistant Professor
DIGGS, ARTHUR E., A.B., M.D., Clinical Assistant Professor (Rush)
DORSEY, JOHN M., B.S., M.D., Clinical Assistant Professor (Rush)
GARSIDE, EARL, M.D., M.S., Clinical Assistant Professor
JOANNIDES, MINAS, M.S., M.D., Clinical Assistant Professor
JULIAN, ORMAND C., Ph.D., M.D., Clinical Assistant Professor
LAWTON, STANLEY E., B.S., M.D., Clinical Assistant Professor (Rush)
MEYER, HAROLD I., B.S., M.D., Clinical Assistant Professor
MONROE, CLARENCE, B.S., M.D., Clinical Assistant Professor (Rush)
OLWIN, JOHN, A.B., M.D., Clinical Assistant Professor
PARKER, MORRIS L., B.S., M.D., Clinical Assistant Professor
PICK, JOHN F., B.S., M.D., Clinical Assistant Professor
SARNAT, BERNARD G., M.D., D.D.S., M.S., Clinical Assistant Professor of Oral Surgery
SHAMBAUGH, PHILIP, B.S., M.D., Clinical Assistant Professor
STROHL, EVERETT L., M.S., M.D., Clinical Assistant Professor
THEIS, FRANK V., B.S., M.D., Clinical Assistant Professor (Rush)

THOREK, PHILIP, B.S., M.D., Clinical Assistant Professor
GREEN, RAYMOND, B.S., M.D., Clinical Associate
MISHKIN, HERMAN L., B.S., M.D., Clinical Associate
BROWN, C. DAVID, B.S., M.D., Clinical Instructor
DAVIS, CARL B., JR., A.B., M.D., Clinical Instructor (Rush)
DIFFENBAUGH, WILLIS G., B.S., M.D., Clinical Instructor
EASTMAN, WARD, B.S., M.D., Instructor (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)
EVERSON, TILDEN C., A.B., M.D., Clinical Instructor
FOWLER, FRANK H., M.S., M.D., Clinical Instructor
HANSELMAN, RUSSELL C., Ph.D., M.D., Clinical Instructor (Rush)
HANSON, JOHN O., B.S., M.D., Clinical Instructor
HARDT, HARRY G., JR., B.S., M.D., Clinical Instructor
HOFRICHTER, FRANK C., B.S., M.D., Clinical Instructor
HOLUB, LOUIS A., B.S., M.D., Clinical Instructor
JENSIK, ROBERT J., M.S., M.D., Clinical Instructor
KILBOURNE, BURTON, M.D., Clinical Instructor
LEVENSON, STANLEY M., A.B., M.D., Clinical Instructor
MAJARAKIS, JAMES D., M.S., M.D., Clinical Instructor
ROTH, HAROLD A., B.S., M.D., Clinical Instructor
AUTEN, DONALD S., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)
BERGER, JACK C., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
BERMAN, EDWARD J., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
CROUCH, WARNER L., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
DEPEYSTER, FREDERIC A., A.B., M.D., Clinical Assistant (Rush)
EHRLICH, ROBERT W., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
FOWLER, EDSON F., M.S., M.D., Clinical Assistant
GROVE, WILLIAM J., M.S., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)
HAMLIN, HOWARD H., A.B., B.S., M.D., Clinical Assistant (Rush)
HILL, EDWARD J., JR., A.B., M.D., Clinical Assistant
JAVID, HUSHANG, M.S., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)
JERNEGAN, JOSEPH L., JR., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
JOHNSON, FRANK R., B.S., M.D., Assistant (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
LASNER, JACK, B.S., M.D., Clinical Assistant
LATENSER, JOHN F., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
LIN, MARGARET H. D., A.M., M.D., Clinical Assistant
LOOBY, WILLIAM E., B.S., M.D., Clinical Assistant
MCCASKILL, DANIEL, A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
MEYER, ROBERT P., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
MILROY, JOHN J., B.S., M.D., Clinical Assistant (Rush)
MOSSEY, RICHARD O., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
O'KANE, CALVIN R., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
SCANLON, EDWARD F., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
SOUTHWICK, HARRY, B.S., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)
SCHREY, EDWARD L., B.S., M.D., Clinical Assistant
TEITELMAN, S. LLOYD, A.B., M.D., Clinical Assistant

WAHL, FREDERICK, B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
WILKINS, WALTER J., JR., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)

Division of Urology

HERBST, ROBERT H., M.D., Professor (Rush), *Emeritus*
KRETSCHMER, HERMAN L., Ph.G., M.D., Clinical Professor (Rush), *Emeritus*
HECKEL, NORRIS J., A.B., M.D., Clinical Professor (Rush) (*Indefinite*)
BUCKMAN, EDWARD, B.S., M.D., Clinical Associate Professor (Rush)
MERRICKS, JAMES W., JR., A.B., B.S., M.D., Clinical Associate Professor (Rush)
COTTRELL, THOMAS, M.D., Clinical Assistant Professor (Rush)
RITCH, COLQUITT O., B.S., M.D., Clinical Assistant Professor
RUDNICK, DORRIN F., B.S., M.D., Clinical Assistant Professor
SCHACHT, FREDERICK W., B.S., M.D., Clinical Assistant Professor
DRABANSKI, JOSEPH S., B.S., M.D., Clinical Associate
BAUMRUCKER, GEORGE O., B.S., M.D., Clinical Instructor
GAINES, REUBEN B., A.B., M.D., Clinical Instructor (Rush)
COTTRELL, THOMAS L. C., JR., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
RIEGER, IRWIN T., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
STICKA, EDWARD A., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)

Division of Anesthesia

LYONS, MARY M., M.D., Clinical Associate Professor (Rush)
HALL, BETTY TAYLOR, B.S., M.D., Clinical Instructor (Rush)
RAYMON, WILDA E., M.D., Clinical Instructor (Rush)
ROBERTS, GEORGE, A.B., B.S., M.D., Clinical Instructor (Rush)
STAFFORD, WILMA C., B.S., M.D., Clinical Instructor (Rush)
WATT, LUCILLE, M.S., M.D., Clinical Instructor (Rush)
BALAGOT, REUBEN C., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals)
BLUM, LUDWIG L., B.S., M.D., Assistant
BURDON, JOHN, M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)
NELSON, JOHN T., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)
RODRIGUEZ, DOUGLAS D., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)
SEN, ARUN K., A.B., I.Sc., B.M., Assistant (also Resident at Research and Educational Hospitals)
WEISS, KENNETH S., M.D., Assistant (also Resident at Research and Educational Hospitals)

STATEMENT OF PRESIDENT REGARDING CHANGES IN ADMINISTRATION OF THE RADIO STATIONS, AND THE APPOINTMENT OF MR. HUDSON

About a year ago, Mr. Josef F. Wright asked to be relieved of his part-time duties as director of the University's radio stations in order to devote full time to his responsibilities as director of public information. He was willing to continue, however, until a suitable man could be found to coordinate all broadcasting activities of the University.

This man has now been found, in the person of Mr. Robert B. Hudson, whose appointment as director of University broadcasting and associate professor of journalism, has been presented to the Board today. Mr. Hudson's career is distinguished, both in radio and in adult education. He was founder and first director of the Rocky Mountain Radio Council, one of the outstanding accomplishments in the educational use of radio. For the last four years he has been director of education for the CBS network. In this capacity he was associated with some of the network's best public service programs, such as the School of the Air, You Are There, People's Platform, Invitation to Learning, Doorway to Life. At Illinois,

Mr. Hudson will be chairman of the radio curriculum in the School of Journalism as well as director of University broadcasting. With this appointment, I feel that we can no longer put off Mr. Wright's request, and I have therefore recommended that he be permitted to devote full time to public information.

I can not let this occasion pass without saying a few more words about Joe Wright who this week completes thirty years of service to the University. He came to work for the University of Illinois as secretary to President Kinley on October 1, 1919. The following year Dr. Kinley assigned him the task of setting up a University information service. He has been director of this service ever since. In 1925, when the Illinois experimental radio station grew into station W I L L, he was made director of the University station. In that position he developed the University Radio Service which supplies programs to other stations. He was instrumental in establishing the University FM station W I U C, and has been a ceaseless crusader for a state-wide educational FM network. He appointed Mr. Frank E. Schooley, who is today being named station manager. Joe Wright has held high office in the National Association of Educational Broadcasters as well as in the College Public Relations Association, and he is affectionately known to hundreds of radio and newspaper men. Now that Joe Wright is consolidating his activities a little, I am glad to express the University's gratitude for thirty years of faithful and constructive service.

CONTRACT WITH VETERANS ADMINISTRATION FOR STEAM SERVICE

This AGREEMENT made and entered into this _____ day of _____ 19_____, by and between the Board of Trustees of the University of Illinois, Chicago, Illinois, a public corporation organized and existing under the laws of the State of Illinois (hereinafter called the "Contractor") and the United States of America (hereinafter called the "Government") represented by the Chief, Procurement Division, Supply Service, Veterans Administration (hereinafter called the "Contracting Officer").

WITNESSETH:

Whereas, there is being erected a Veterans Administration Center in Chicago, Illinois, consisting of a Regional Office and an estimated 500 bed capacity hospital, bounded by Polk Street on the North, South Damen Avenue on the East, on the South by West Taylor Street, and on the West by Ogden Avenue; and

Whereas, the Government desires that the necessary steam be furnished as required by the Veterans Administration Center; and

Whereas, it is to the advantage of the Government to procure steam from the Contractor in lieu of providing its own plant; and

Whereas, the Contractor is in a position to furnish the required amount of steam to the Government; and

Whereas, the Government is willing to compensate the Contractor for providing the required steam service.

Now, Therefore, the parties agree as follows:

ARTICLE I. FACILITIES

The Contractor will provide a steam plant from which steam will be furnished through underground pipes to be provided by the Contractor to the Government boundary line at the northwest corner of Damen Avenue and Taylor Street.

ARTICLE II. SERVICE

(a) The Contractor agrees to furnish sufficient steam at an approximate pressure of 110 lbs. per square inch, to the Government boundary line, to meet the requirements of the Government, but not to exceed, at the option of the Contractor, 53,000 lbs. of steam per hour.

(b) The Government agrees to purchase from the Contractor approximately 74,000,000 lbs. of steam during each twelve month period of this contract.

ARTICLE III. METERING

The steam furnished hereunder shall be measured by meters installed by the Contractor at the approved location. The Contractor shall have the right and privilege to maintain and calibrate such meter or meters and will have access thereto over the lands of the Government at all reasonable hours for such purposes.

ARTICLE IV. RATES

(a) The Government agrees to pay the Contractor $1.32 for each 1,000 lbs. of steam based on an annual consumption of 74,000,000 lbs. furnished and will be increased or decreased as provided in this Article. In the event the consumption by the Government is less than 74,000,000 lbs. of steam, the Government will pay to the University of Illinois $0.205 per 1,000 lbs. for the difference between the actual consumption and the 74,000,000 lbs. In the event the annual consumption is greater than 74,000,000 lbs., the cost of steam will be reduced by $0.205 per 1,000 lbs. for all steam in excess of 74,000,000 lbs.

(b) It is understood and agreed that the fixed charge of $0.205 represents Government's reimbursement to the Contractor for the construction of the necessary facilities for furnishing steam to the Government amortized over a period of 30 years, at the end of which time the fixed charge of $0.205 or such amount in effect at that time will be discontinued and the rate for each 1,000 pounds of steam shall be decreased accordingly. In the event the Contractor furnishes services to others and the outlay incurred by reason of furnishing facilities to supply steam to the Government is reduced below $455,000, or if savings in the amortization rate reduces said outlay below $455,000, or if any combination of the above factors produces such result, then the fixed charge of $0.205 will be decreased in proportion to the reduction below such amount.

(c) If this contract is terminated by the Government prior to the end of the 30 year period the amount of the termination charge to be paid to the Contractor in lieu of the fixed charge shall be an amount mutually agreed upon by the Government and the Contractor at that time.

(d) Said unit price of $1.32 for each 1,000 lbs. of steam furnished shall be increased or decreased by an amount equal to the net increase or decrease of the Contractor's cost for furnishing such steam resulting from the following:

1. Any increases or decreases in labor costs for the furnishing of such steam from the present labor cost. Present labor costs are those set forth in Schedule A annexed hereto. Labor costs shall include all allowances and benefits to the employees.

2. Any increases or decreases in cost of fuel for producing such steam from the present cost of such fuel. The present cost of such fuel so delivered is stated in Schedule A annexed hereto. Cost of fuel as used herein means its cost delivered at the steam plant of the Contractor.

3. An increase in the cost of furnishing such steam resulting from any applicable taxes hereafter imposed upon the contractor by Federal, State, or local governments.

4. An increase in the cost to the Contractor for furnishing such steam caused by compliance by the Contractor with any and all future statutes, rules, or regulations of the Federal, State, or local governments which are applicable.

(e) All such increases or decreases in cost shall be determined by ordinary accounting principles. Contractor agrees to maintain in accordance with usual accounting practice records of all such increases or decreases in such costs.

ARTICLE V. ADJUSTMENT OF RATE

On or before the first day of September in each year during the period of the contract, the Contractor shall furnish the Government with a statement of the adjustment of said cost of $1.32 per each 1,000 lbs. of steam by the formula contained in Article IV hereof, and at the same time will make available to the Government, at the place where such records are kept, for its review and audit the cost records of the Contractor in support of such statement of adjustment. The Government reserves the right to submit a claim for adjustment of such statement. The adjustment as shown by the statement, or in the event of the filing of any claim in the manner aforesaid, then any readjusted statement shall be settled as soon as possible by the Government. Any amount due the Government as a result of the adjustment will be deducted from subsequent voucher or vouchers submitted by the Contractor. Any amount due the Contractor as a result of the adjustment as shown by the statement will be paid by the Government, upon receipt of a properly prepared invoice from the Contractor.

ARTICLE VI. PERIOD OF CONTRACT

Subject to the availability of appropriations, the period of time covered by this contract shall be from the date of the first delivery of steam service to the following June 30 and shall continue thereafter until further notice.

ARTICLE VII. PAYMENT

Payment for services shall be made at the end of each month after service has been rendered.

ARTICLE VIII. DEFINITIONS

"Contracting Officer" refers to the Chief, Procurement Division, Supply Service of the Veterans Administration, or his duly appointed successors and their authorized representatives and any other duly authorized representatives of the Administrator of Veterans Affairs.

ARTICLE IX. NON-DISCRIMINATION CLAUSE

The Contractor, in performing the work required by this contract, shall not discriminate against any employee or applicant for employment because of race, creed, color or national origin, and that he will include a similar provision in all sub-contracts.

ARTICLE X. OFFICIALS NOT TO BENEFIT

No member or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom, but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE XI. TAXES

Rates specified for steam service are exclusive of any sales or use tax imposed by state, or by any duly constituted taxing authority therein having jurisdiction to impose such a tax on the articles named in this agreement, the United States not being liable for payment of such tax (Public No. 819—76th Congress, approved October 9, 1940).

Rates specified included any applicable Federal Excise Taxes, as the United States is not exempt from payment of such taxes.

ARTICLE XII. TERMINATION

This agreement, if accepted, shall become a contract and shall remain in force during the period above stated unless terminated at the request of either party after sixty (60) days' notice in writing.

In the event the Veterans Administration closes this activity subsequent to the execution of this contract or during the contractual period, this contract may be canceled immediately upon written notice to the Contractor and the Veterans Administration relieved from its obligation to make further purchases of supplies or services thereunder, except as otherwise provided for herein.

In Witness Whereof, the parties hereto have executed this contract as of the day and year first above written:

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, A PUBLIC CORPORATION

By_____
Comptroller

APPROVED:

_____
Business Manager, Chicago

_____
Secretary

_____
Legal Counsel

UNITED STATES OF AMERICA
VETERANS ADMINISTRATION

_____
Director, Physical Plant Department

By_____
Chief, Procurement Division, Supply Service

Operating Adjustment Clause
Schedule "A"

The steam charges are based upon the cost to the University of Illinois as of June 1949. Steam generated from fuel costing 36.62 cents per million B.T.U. at the steam plant. When the average cost for twelve months of fuel per million B.T.U.'s shall be more than 37.36 cents or less than 35.88 cents, the steam rate shall be increased or decreased. Labor cost shall be increased or decreased based on the June 1949 wage rate paid by the University. The cost of producing steam as of June 1949 is $1.115 per thousand pounds based on twelve consecutive months.

Labor Cost.....33.96¢ per m. lbs.
Fuel Cost.....49.26¢ per m. lbs.

REPORT ON STAFF AND PROGRAMS FOR 1949-1950

In accordance with the educational plans set forth in the "Analysis of Appropriation Requests for Operation for the Biennium Beginning July 1, 1949," important additions have been made to the staff of the University in order to provide the personnel for a more mature student body and further to strengthen research and instruction in recently initiated activities.

The appointments of Professor H. O. Halvorson as Head of the Department of Bacteriology and of Professor Sol Spiegelman as a research specialist in genetics and cell respiration, together with other changes and additions, will bring about a first-rate department during the present year.

A notable research program in physiology has been moved from the Army Quartermaster Corps in Chicago to the University through the appointment of Dr. R. E. Johnson, as Professor and Head of the Department of Physiology. We may now say that the life sciences are in an extremely favorable position.

Professor John L. Heller, the new Head of the Department of Classics, will continue the substantial traditions of the Department and be a strong representative of the humanities at the University of Illinois.

The area of clinical psychology is strengthened by the appointment of Professor L. E. O'Kelly, the field of map construction and reading by Professor F. W. Foster, the field of linguistics by Professor D. W. Schumann, and the field of geography by Professor C. C. Colby, formerly Head of the Department of Geography at the University of Chicago.

In the field of physics, the appointments of Professor Frederick Seitz and Professor R. J. Maurer round out the work of the Department and add more distinction to the University. These men are famous for their work in the physics of the solid state, a field which has recently become basic to ceramics and to engineering. The elevation of Professor William L. Everitt to the Deanship of the College of Engineering, and the appointment of Professor J. D. Ryder to the Headship of the Department of Electrical Engineering, will consolidate great advances already made in these areas.

A further step ahead in the whole area of journalism and communications has been taken by the appointments of Professor R. B. Hudson, whose specialty is educational broadcasting, and Professor C. E. Osgood, whose specialty is the psychology of communications. During the year the social, psychological, and dramatic foundations of communications will be brought under severe review and the whole field developed in accordance with its importance. Professor Hudson will serve as Director of University Broadcasting.

The brilliant achievements of the College of Fine and Applied Arts, especially in the areas of architecture, art, and music, will be continued throughout the year. As an interim measure, while enrollments are being stabilized, a part of the advanced teaching load in Architecture will be carried by eight top-ranking architects of national reputation, serving on a part-time basis. Professors W. S. Kinne, specialist in materials and methods of construction, and Gabriel Guevrekian, internationally known in architectural design and planning, have been added to the staff. Musical composition and theory will develop rapidly under Professor Burrill Phillips, and Professor Paul Young will bring new leadership to the choral groups. During the second semester, Georges Enesco will be on the campus as a Visiting Artist.

The health and recreational programs of the School of Physical Education will move forward rapidly because of the addition of new curricula and the ap-

pointment of Professor H. S. Hoyman, a specialist in public health. Professor F. E. Boys, who is in the same area, will also supervise the medical factors in all experiments using human subjects.

The increased strength in all of the life sciences means a real addition to the sciences that are basic to agriculture, but the College of Agriculture, in its own right, has added to its research and service personnel. Professor A. I. Nelson, whose specialty is food processing, and Professor Z. J. Ordal, whose specialty is food microbiology, are notable additions to the Department of Food Technology. Professor M. B. Linford brings the background of his long career as a specialist in plant diseases to the Department of Horticulture.

A major step toward the introduction of new statistical methods into the field of economics has been taken in the appointment of Professor Leonid Hurwicz. Professor Hurwicz will also be a notable addition to the growing power of the University in the application of mechanical and statistical procedures to a great variety of research problems. Mr. G. R. Beam has become the Director of the Statistical Service Unit, and late last year Professor W. G. Madow, specialist in probability theory, was named to the Department of Mathematics. Another notable appointment in this general area is that of R. E. Meagher as chief engineer of the electron digital computer.

In the usual quota of replacements on account of death, retirement, or resignation, an attempt has been made to secure able young men and women who give clear promise of useful careers at the University. All departments report enthusiastically of success in this attempt. In some areas which have been under pressure on account of heavy enrollments, junior staff additions have been made simply to absorb teaching load. The quality of this staff and of the hundreds of part-time assistants is, according to Dean Ridenour, uniformly high.

Except for the appointment of Associate Dean Fred W. Trezise, formerly of the Galesburg Division, to replace Associate Dean R. P. Hoelscher in Engineering at the Chicago Undergraduate Division, no substantial changes in personnel have been made at the Navy Pier. The teaching skill of the staff is excellent, and transfers from the Undergraduate Division to the Urbana campus are giving a good account of themselves.

The most notable event at the Chicago Professional Colleges is the new program in nursing education in cooperation with the Cook County School of Nursing and by affiliation with other hospitals in the City of Chicago. The laboratory for aviation medicine and physical environment has been fully activated. A physicist and a pathologist have been added to the staff of the medical betatron, and the first human patients have had initial cancer treatments. Under the excellent leadership of Dr. A. C. Ivy, all of the professional divisions are moving ahead in research, in the quality of clinical instruction, and in public service. Except for the appointment of M. J. Galbraith, formerly Director of Student Welfare at the Galesburg Division, to a new post as Director of Student Affairs, the main staff additions, both academic and nonacademic, have been in the technical areas.

In spite of record enrollments in all divisions, an excessive number of large classes has been avoided, new equipment has been purchased, the pulse of research is steady and strong, and the morale of the faculty is high. The year 1949-1950 promises to be a great one in the history of the University.

COLEMAN R. GRIFFITH
Provost

BOND ISSUE FOR SMALL HOMES COUNCIL HOUSING RESEARCH PROJECT

Schedule of Bids Received
September 12, 1949

Bidder	*Premium*	*Coupon Rates*	*Interest Cost*	*Net Average Interest Rate Per Cent*
1. John Nuveen and Company	$ 40 00	2½–2¾%[1]	$56 960 00	2.724
2. Shields and Company	45 00	2¾–4%	58 300 00	2.783
3. Farwell Chapman and Company	1 863 97	3%	60 866 03	2.910
4. Milwaukee Company	.....	2¾–4%	64 240 00	3.072

[1] 2½%, 1950 through 1956; 2¾%, 1957 through 1969.

Resolution Authorizing the Issuance of $175,000 Staff Housing Revenue Bonds of 1949

RESOLUTION authorizing and providing for the issue of $175,000 Staff Housing Revenue Bonds, Series of 1949, for the purpose of defraying part of the cost of constructing certain staff housing facilities on property owned by the University of Illinois located in Urbana, Illinois, prescribing all the details of said bonds, and providing for the collection, segregation and distribution of the revenues of the said project, for the purpose of paying the cost of the maintenance and operation thereof, and payment of the principal of and interest on said revenue bonds.

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

WHEREAS the Sixty Fifth and the Sixty Sixth General Assemblies of the State of Illinois appropriated the sum of $325,000 applicable to the construction of such staff housing facilities and responsive to said appropriations this Board of Trustees has heretofore acquired the property located in Urbana, Illinois, south of Florida Avenue and west of Race Street, and described as follows:

"Commencing at a point which is 230 feet South and 30 feet West of the Northeast corner of the Northwest Quarter of Section 20, Township 19 North, Range 9 East of the Third Principal Meridian, thence in a westerly direction along a line which is 230 feet from and parallel to the North line of the Northwest Quarter of Section 20 aforesaid a distance of 800.98 feet, thence in a southerly direction along a line making an angle on the East of 89° 53′ with line aforesaid a distance of 205.74 feet, thence in a southeasterly direction along a line making an angle on the East of 143° 09′ with line aforesaid a distance of 175.94 feet, thence in a southerly direction along a line making an angle on the East of 217° 10′ with line aforesaid a distance of 76.30 feet, thence in a southwesterly direction along a line making an angle on the East of 210° 54′ with line aforesaid a distance of 85.05 feet, thence in a southerly direction along a line making an angle on the East of 150° 29′ with line aforesaid a distance of 227.30 feet, thence in an easterly direction along a line making an angle on the Northeast of 88° 39′ with line aforesaid a distance of 156.33 feet, thence in a southerly direction along a line making an angle on the North of 270° 01′ with line aforesaid a distance of 34.5 feet, thence in an easterly direction along a line making an angle on the Northeast of 90° 00′ with line aforesaid a distance of 78.33 feet, thence in an easterly direction along a line making an angle on the North of 176° 34′ with line aforesaid a distance of 145.00 feet, thence in a northwesterly direction along a line making an angle on the Northwest of 90° 00′ with line aforesaid a distance of 70.13 feet, thence in a northeasterly direction along a line making an angle on the West of 200° 39′ with line aforesaid a distance of 133.52 feet, thence in a northeasterly direction along a line making an angle on the West of 215° 49′ with line aforesaid a distance of 322.75 feet, thence in an easterly direction along a line making an angle on the North of 216° 43′ with line aforesaid a distance of 70.00 feet to a point 30 feet West of the East line of the Northwest Quarter of Section 20 aforesaid, thence in a northerly direction along a line 30 feet from and parallel to section line aforesaid a distance of 359.95 feet to the point of beginning, all in Champaign County, Illinois"

and the construction of said staff housing facilities is now in progress, and based upon the contracts heretofore let this Board of Trustees has heretofore estimated

and does hereby estimate that the cost of the construction of staff housing facilities upon said above described property, complete, will aggregate the sum of $500,000; and

WHEREAS in addition to said appropriations made by the Sixty Fifth and Sixty Sixth General Assemblies of the State of Illinois it will be necessary for this Board of Trustees to raise the sum of $175,000 to complete the construction thereof; and

WHEREAS in order to produce the additional $175,000 necessary for the completion of said staff housing facilities located on the property hereinabove described in the City of Urbana, Illinois, it will be necessary that this Board of Trustees borrow money and issue its revenue bonds in the principal amount of $175,000 as authorized pursuant to the Act hereinabove referred to:

NOW, THEREFORE, Be It and It Is Hereby Resolved by the Board of Trustees of the University of Illinois, as follows:

SECTION 1. That it be and it is hereby determined by the Board of Trustees of the University of Illinois, that it is necessary and for the best interests of the University of Illinois that it borrow the sum of $175,000 to complete the construction of the staff housing facilities located on the property described in the preambles of this resolution in the City of Urbana, Illinois, and in evidence thereof issue its revenue bonds in the principal amount of $175,000.

SECTION 2. That said bonds shall be designated "Staff Housing Revenue Bonds, Series of 1949", be numbered 1 to 175, inclusive, be of the denomination of $1,000 each, be dated October 1, 1949, bonds numbered 1 to 46, inclusive, to bear interest at the rate of two and one-half per cent (2½%) per annum, bonds numbered 47 to 175, inclusive, to bear interest at the rate of two and three-fourths per cent (2¾%) per annum, interest payable April 1, 1950, and semi-annually thereafter on the first days of April and October in each year, and to become due as follows:

Principal Amount	*Bond Numbers*	*Maturity Dates*
$ 4,000	1- 4 incl.	October 1, 1950
6,000	5- 10 "	October 1, 1951
6,000	11- 16 "	October 1, 1952
7,000	17- 23 "	October 1, 1953
7,000	24- 30 "	October 1, 1954
8,000	31- 38 "	October 1, 1955
8,000	39- 46 "	October 1, 1956
8,000	47- 54 "	October 1, 1957
8,000	55- 62 "	October 1, 1958
8,000	63- 70 "	October 1, 1959
9,000	71- 79 "	October 1, 1960
9,000	80- 88 "	October 1, 1961
9,000	89- 97 "	October 1, 1962
10,000	98-107 "	October 1, 1963
10,000	108-117 "	October 1, 1964
10,000	118-127 "	October 1, 1965
10,000	128-137 "	October 1, 1966
10,000	138-147 "	October 1, 1967
10,000	148-157 "	October 1, 1968
18,000	158-175 "	October 1, 1969

provided, however, said bonds shall be redeemable as a whole or in part in the inverse order in which they are numbered, prior to their maturity on any interest payment date at the option of said Board of Trustees of the University of Illinois on or after October 1, 1952, and up to and including April 1, 1954, at par and accrued interest and a premium of three per cent (3%) of the principal amount thereof and a premium of two per cent (2%) of the principal amount thereof if redeemed on October 1, 1954, or on any interest payment date thereafter up to and including April 1, 1959, and a premium of one per cent (1%) of the principal amount thereof if redeemed on October 1, 1959, or on any interest payment date thereafter before maturity.

Notice of redemption of any or all of said bonds shall be given by publication at least once not less than thirty days prior to the date of redemption, such publication to be made once in one newspaper published and of general circulation in the City of Chicago, Illinois, and such notice of redemption shall, with substantial accuracy (a) designate the date and place of redemption, such place to be at the office of the Depositary hereinafter mentioned in the City of Milwaukee and State of Wisconsin; and (b) designate the numbers and the aggregate principal amount of such bonds; and (c) state that on the designated date of redemption said bonds will be redeemed by payment of principal thereof and the accrued interest thereon to date of redemption, plus the applicable redemption premium, and that from and after the designated redemption date interest in respect of all bonds so called for redemption shall cease.

SECTION 3. Any of said bonds may be registered as to principal at any time prior to maturity in the name of the holder on the books of registration of said University to be kept in the office of the Depositary hereinafter mentioned, such registration to be noted on the reverse side of the bonds by the said Depositary as registrar. After such registration no transfer of such bonds shall be valid unless made on the said books by the registered owner in person or by his duly authorized attorney and similarly noted on such bonds. Upon presentation of any of such bonds registered as to principal, accompanied by a written instrument of transfer satisfactory to the Depositary hereinafter mentioned, executed by the registered owner, or by a duly authorized attorney, such bond shall be transferred upon such books. The registered owner of any such bond registered as to principal shall also have the right to cause the same to be discharged from registration by transfer to bearer, in which case transferability by delivery shall be restored, and thereafter the principal of such bond when due shall be payable to the person presenting such bond. Any such bond registered as payable to bearer may be registered again in the name of the owner with the same effect as the first registration thereof. Successive registrations and transfers as aforesaid may be made from time to time as desired. Registration of any of such bonds shall not affect the negotiability of the coupons thereto attached, but such coupons shall be transferable by delivery merely and payable to the bearer thereof.

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

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

(Form of Bond)

UNITED STATES OF AMERICA
STATE OF ILLINOIS
UNIVERSITY OF ILLINOIS
STAFF HOUSING REVENUE BOND, SERIES OF 1949

KNOW ALL MEN BY THESE PRESENTS, that the University of Illinois, a body corporate and politic, for value received, hereby promises to pay to bearer, or if this bond be registered as hereinafter provided, then to the registered holder hereof, solely from the special fund of said University, as hereinafter mentioned, and not otherwise, the principal sum of One Thousand Dollars ($1,000) on ....., 19....., and to pay interest on said sum from the date hereof until paid at the rate of ..... per cent (.....%) per annum, payable April 1, 1950, and semi-annually thereafter on the first days of April and October in each year, until maturity hereof, in accordance with and upon presentation and surrender of the annexed interest coupons as they severally become due.

Both principal and interest of this bond are hereby made payable in lawful

money of the United States of America at the Marine National Exchange Bank of Milwaukee, in the City of Milwaukee and State of Wisconsin.

This bond and the series of which it forms a part is issued under authority of an Act of the Legislature of the State of Illinois, entitled "An Act to authorize the Board of Trustees of the University of Illinois to acquire by purchase or otherwise, construct, equip, complete, operate, control and manage student residence halls, staff housing facilities, dormitories, health and physical education buildings, or other revenue producing building or buildings, defining the duties of such Board with respect to operation and maintenance thereof, charge fees or rates for the use thereof, and providing for and authorizing the issue of bonds for the purpose of defraying the cost of construction, acquisition or equipment of any such building or buildings, payable solely from the revenues derived from the operation thereof, and for the refunding of any such bonds." Approved June 30, 1945. L. 1945, p. 1753; title as amended by Act approved July 21, 1947, as amended, and all other Laws supplementary thereto, and a resolution duly adopted by the Board of Trustees of the University of Illinois for the purpose of defraying part of the cost of constructing staff housing facilities, located in the City of Urbana, Illinois, on the following described property, to wit:

"Commencing at a point which is 230 feet South and 30 feet West of the Northeast corner of the Northwest Quarter of Section 20, Township 19 North, Range 9 East of the Third Principal Meridian, thence in a westerly direction along a line which is 230 feet from and parallel to the North line of the Northwest Quarter of Section 20 aforesaid a distance of 800.98 feet, thence in a southerly direction along a line making an angle on the East of 89° 53′ with line aforesaid a distance of 205.74 feet, thence in a southeasterly direction along a line making an angle on the East of 143° 09′ with line aforesaid a distance of 175.94 feet, thence in a southerly direction along a line making an angle on the East of 217° 10′ with line aforesaid a distance of 76.30 feet, thence in a southwesterly direction along a line making an angle on the East of 210° 54′ with line aforesaid a distance of 85.05 feet, thence in a southerly direction along a line making an angle on the East of 150° 29′ with line aforesaid a distance of 227.30 feet, thence in an easterly direction along a line making an angle on the Northeast of 88° 39′ with line aforesaid a distance of 156.33 feet, thence in a southerly direction along a line making an angle on the North of 270° 01′ with line aforesaid a distance of 34.5 feet, thence in an easterly direction along a line making an angle on the Northeast of 90° 00′ with line aforesaid a distance of 78.33 feet, thence in an easterly direction along a line making an angle on the North of 176° 34′ with line aforesaid a distance of 145.00 feet, thence in a northwesterly direction along a line making an angle on the Northwest of 90° 00′ with line aforesaid a distance of 70.13 feet, thence in a northeasterly direction along a line making an angle on the West of 200° 39′ with line aforesaid a distance of 133.52 feet, thence in a northeasterly direction along a line making an angle on the West of 215° 49′ with line aforesaid a distance of 322.75 feet, thence in an easterly direction along a line making an angle on the North of 216° 43′ with line aforesaid a distance of 70.00 feet to a point 30 feet West of the East line of the Northwest Quarter of Section 20 aforesaid, thence in a northerly direction along a line 30 feet from and parallel to section line aforesaid a distance of 359.95 feet to the point of beginning, all in Champaign County, Illinois",

and is payable solely from the net revenue to be derived from the operation of said facilities, and not otherwise, and this bond and the series of which it forms a part do not constitute an indebtedness of said University or of the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University or the State of Illinois is pledged to the payment of this bond or the interest thereon.

Under said Act of the Legislature of the State of Illinois and other Laws supplementary thereto and the said resolution adopted pursuant thereto, the net revenue derived from the operation of said facilities shall be deposited with the Marine National Exchange Bank of Milwaukee, in the City of Milwaukee, Wisconsin, under a Deposit Agreement entered into between the Board of Trustees of the University of Illinois and the said Bank, and used only for the purpose of paying the fees and expenses of such Depositary, principal of and interest on the

bonds of said University that are issued under authority of said Act of the Legislature of the State of Illinois and the resolution of the Board of Trustees, hereinabove referred to, and which are payable by their terms only from the net revenue of said staff housing facilities located on the property above described, in the City of Urbana, Illinois.

It is hereby certified and recited that all acts, conditions and things required to be done precedent to and in the issuance of this bond by the Constitution and Statutes of the State of Illinois, and the applicable resolutions of said Board of Trustees of the University of Illinois, have been done and have happened and have been performed in regular and due form and time as required by law and that provision has been made for depositing the net revenue derived from the operation of said facilities with the said Marine National Exchange Bank of Milwaukee, to be applied in the manner as hereinabove set forth.

This bond is one of an authorized issue of $175,000, all of like date and of the denomination of $1,000 each, numbered from 1 to 175, inclusive, and said bonds are subject to redemption as a whole or in part in the inverse order in which they are numbered, prior to maturity, on any interest payment date on or after October 1, 1952, and up to and including April 1, 1954, at par and accrued interest and a premium of three per cent (3%) of the principal amount thereof, and a premium of two per cent (2%) of the principal amount thereof if redeemed on October 1, 1954, or on any interest payment date thereafter up to and including April 1, 1959, and a premium of one per cent (1%) of the principal amount thereof if redeemed on October 1, 1959, or on any interest payment date thereafter before maturity.

Notice of redemption of any or all of said bonds shall be published once not less than thirty days prior to date of redemption, such publication to be made in one newspaper published and of general circulation in the City of Chicago, and when this bond or any of the bonds of such authorized issue shall have been called for redemption, interest thereon shall cease from and after the specified redemption date.

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

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

Said University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the resolution adopted by the Board of Trustees of said University of Illinois, authorizing the issue of this bond and the series of which it forms a part and as provided in the Deposit Agreement hereinabove referred to, and hereby irrevocably obligates itself to deposit the net revenue derived from the operation of said staff housing facilities with the said Depositary, to administer the said net revenue as provided for in and by said Deposit Agreement, and to establish from time to time charges and fees for the use of said facilities and to maintain and collect

charges and fees sufficient to pay the reasonable cost of operating, maintaining, insuring and repairing of said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues until all of such bonds have been paid in full, both as to principal and interest.

IN WITNESS WHEREOF, said University of Illinois, by its Board of Trustees, has caused this bond to be signed by the President of the Board of Trustees and two members thereof, its corporate seal to be hereto affixed, attested by the Secretary of said Board, and the coupons hereto attached to be authenticated by the facsimile signatures of the President and Secretary of said Board of Trustees, and this bond to be dated the first day of October, 1949.

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

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

ATTEST:

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

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

(Form of Coupon)

Number..... $.....

On the first day of ....., 19..... *(unless the within mentioned bond has theretofore been called for payment, as therein provided, and payment made or provided for), the University of Illinois will pay to bearer solely from the special fund referred to in the said bond to which this coupon is attached, ... Dollars ($.....) in lawful money of the United States of America at Marine National Exchange Bank of Milwaukee, in the City of Milwaukee, Wisconsin, being interest then due on its Staff Housing Revenue Bond, Series of 1949, dated October 1, 1949, Number .....

.....
President, Board of Trustees

.....
Secretary, Board of Trustees

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

(Form of Registration)

Date of Registration	In Whose Name Registered	Signature of Registrar

SECTION 5. That upon the issuance of any revenue bonds herein provided for there be and there is hereby established a fiscal year for the operation of said staff housing facilities located on the property heretofore described in the preambles of this resolution, in the City of Urbana, Illinois and said fiscal year shall

commence the first day of July of each year and end the last day of the next succeeding June and all revenues derived from the operation thereof shall be set aside as collected in a separate account and fund and apart from any other funds of said University, and said University covenants that all the revenues, income, receipts, profits, rates, rents, charges, fees and returns derived from the said staff housing facilities and the operation thereof, after setting aside therefrom the reasonable cost of operating, maintaining, insuring and repairing said facilities, shall be paid over to the Depositary hereinafter mentioned semi-annually not later than the dates as hereinafter specified in the said deposit agreement prior to April 1 and October 1 of each year, and said revenues so paid over to the Depositary shall be used only in paying the fees and expenses of such Depositary, principal of and interest upon the revenue bonds of said University that are payable by their terms only from such revenues, and such funds shall be used only for the purposes and in accordance with the Deposit Agreement hereinafter set out.

SECTION 6. That for the purpose of further securing the income and revenue to be derived from the operation of the said staff housing facilities and the application of the net revenue to the payment of the principal of and interest upon the said bonds hereby authorized, the net revenue derived from the operation of the said staff housing facilities shall be deposited with the Marine National Exchange Bank of Milwaukee, hereby designated as the Depositary for the said net revenue, and the President and Secretary of the Board of Trustees and Treasurer of said University be and are hereby authorized and directed to execute for and on behalf of the University a Deposit Agreement with said bank as Depositary in substantially the following form, to wit:

THIS DEPOSIT AGREEMENT dated October 1, 1949 between the University of Illinois, a public corporate body duly organized and existing under the laws of and located in the State of Illinois (hereinafter sometimes referred to as the "University"), party of the first part, and the Marine National Exchange Bank of Milwaukee, a national banking association duly organized and existing under the laws of the United States of America and having its principal office in the City of Milwaukee, in the State of Wisconsin (hereinafter sometimes referred to as the "Depositary"), party of the second part,

WITNESSETH:

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

> "RESOLUTION authorizing and providing for the issue of $175,000 Staff Housing Revenue Bonds, Series of 1949, for the purpose of defraying part of the cost of constructing certain staff housing facilities on property owned by the University of Illinois located in Urbana, Illinois, prescribing all the details of said bonds, and providing for the collection, segregation and distribution of the revenues of the said project, for the purpose of paying the cost of the maintenance and operation thereof, and payment of the principal of and interest on said revenue bonds,"

adopted by said Board of Trustees of the University of Illinois on the ..... day of ....., 1949, has issued or is about to issue One Hundred Seventy-five Thousand Dollars ($175,000) principal amount of its Staff Housing Revenue Bonds, Series of 1949, for the purpose of defraying part of the cost of constructing staff housing facilities on the following described property located in the City of Urbana, Illinois, to wit:

"Commencing at a point which is 230 feet South and 30 feet West of the Northeast corner of the Northwest Quarter of Section 20, Township 19 North, Range 9 East of the Third Principal Meridian, thence in a westerly direction along a line which is 230 feet from and parallel to the North line of the Northwest Quarter of Section 20 aforesaid a distance of 800.98 feet, thence in a southerly direction along a line making an angle on the East of 89° 53′ with line aforesaid a distance of 205.74 feet, thence in a southeasterly direction along a line making an angle on the East of 143° 09′ with line aforesaid a distance of 175.94 feet, thence in a southerly direction along a line making an angle on the East of 217° 10′ with line aforesaid a distance of 76.30 feet, thence in a southwesterly direction along a line making an angle on the East of 210° 54′ with line

aforesaid a distance of 85.05 feet, thence in a southerly direction along a line making an angle on the East of 150° 29′ with line aforesaid a distance of 227.30 feet, thence in an easterly direction along a line making an angle on the Northeast of 88° 39′ with line aforesaid a distance of 156.33 feet, thence in a southerly direction along a line making an angle on the North of 270° 01′ with line aforesaid a distance of 34.5 feet, thence in an easterly direction along a line making an angle on the Northeast of 90° 00′ with line aforesaid a distance of 78.33 feet, thence in an easterly direction along a line making an angle on the North of 176° 34′ with line aforesaid a distance of 145.00 feet, thence in a northwesterly direction along a line making an angle on the Northwest of 90° 00′ with line aforesaid a distance of 70.13 feet, thence in a northeasterly direction along a line making an angle on the West of 200° 39′ with line aforesaid a distance of 133.52 feet, thence in a northeasterly direction along a line making an angle on the West of 215° 49′ with line aforesaid a distance 322.75 feet, thence in an easterly direction along a line making an angle on the North of 216° 43′ with line aforesaid a distance of 70.00 feet to a point 30 feet West of the East line of the Northwest Quarter of Section 20 aforesaid, thence in a northerly direction along a line 30 feet from and parallel to section line aforesaid a distance of 359.95 feet to the point of beginning, all in Champaign County, Illinois",

said bonds being dated October 1, 1949, and maturing as follows:

Principal Amount	*Bond Numbers*	*Maturity Dates*
$ 4,000	1- 4 incl.	October 1, 1950
6,000	5- 10 "	October 1, 1951
6,000	11- 16 "	October 1, 1952
7,000	17- 23 "	October 1, 1953
7,000	24- 30 "	October 1, 1954
8,000	31- 38 "	October 1, 1955
8,000	39- 46 "	October 1, 1956
8,000	47- 54 "	October 1, 1957
8,000	55- 62 "	October 1, 1958
8,000	63- 70 "	October 1, 1959
9,000	71- 79 "	October 1, 1960
9,000	80- 88 "	October 1, 1961
9,000	89- 97 "	October 1, 1962
10,000	98-107 "	October 1, 1963
10,000	108-117 "	October 1, 1964
10,000	118-127 "	October 1, 1965
10,000	128-137 "	October 1, 1966
10,000	138-147 "	October 1, 1967
10,000	148-157 "	October 1, 1968
18,000	158-175 "	October 1, 1969

Bonds numbered 1 to 46, inclusive, bearing interest at the rate of two and one-half per cent (2½%) per annum, bonds numbered 47 to 175, inclusive, bearing interest at the rate of two and three-fourths per cent (2¾%) per annum, interest payable April 1, 1950, and semi-annually thereafter on the first days of April and October in each year, said bonds being redeemable as a whole or in part in the inverse order in which they are numbered, prior to their maturity, on any interest payment date on or after October 1, 1952 and up to and including April 1, 1954, at par and accrued interest and a premium of three per cent (3%) of the principal amount thereof, a premium of two per cent (2%) of the principal amount thereof if redeemed on October 1, 1954, or on any interest payment date thereafter up to and including April 1, 1959, and a premium of one per cent (1%) of the principal amount thereof if redeemed on October 1, 1959, or on any interest payment date thereafter before maturity.

Notice of redemption shall be given by publication at least once not less than thirty days prior to date of redemption, such publication to be made once in one newspaper published and of general circulation in the City of Chicago, Illinois; and

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

of the said staff housing facilities, the term "net revenues" as used herein meaning the gross revenues of the said facilities, less the reasonable cost of operating, insuring, maintaining and repairing the said facilities; and

WHEREAS the University has, in and by the said resolution, covenanted and agreed, for the benefit of the holders from time to time of the said bonds and the interest coupons thereto appertaining, that the net revenues of the said staff housing facilities will be from time to time deposited with the Depositary and used only for the payment of the fees and expenses of the Depositary, principal of, premium, if any, and the interest on the said bonds; and

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

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

SECTION 1. The University covenants that proper books of record and account will be kept, in which full, true and correct entries will be made of all income, expenses and financial transactions of and in relation to the said staff housing facilities, and that it will furnish to the Depositary, on or before October 1, 1950, for that period from October 1, 1949, to June 30, 1950, and on or before October 1 in each year thereafter so long as any bonds remain outstanding, a statement certified as correct by the Comptroller and Treasurer of the University, showing the gross operating revenues, the operating expenses and the net revenues of the said staff housing facilities for the twelve months' period ended on the next preceding June 30. The Depositary shall have no duty to request any such information nor any duty relative to the statements from time to time furnished by the University, except to preserve the same for the inspection of the holders of the bonds during usual business hours.

SECTION 2. The University has covenanted with the holders of the bonds hereinabove referred to that all of the revenues, income, receipts, profits, charges, fees, rents and returns derived from the said staff housing facilities and the operation thereof shall be collected by the University and, after setting aside therefrom the reasonable cost of operating, maintaining, insuring and repairing the said staff housing facilities, shall be paid over to the Depositary semi-annually not later than July 31, for the previous six months' period ending June 30 each year, and January 31, for the previous six months' period ending December 31 of each year, provided, however, there shall be deposited on or before March 1, 1950, an amount of the net revenues for the period from October 1, 1949 to the last day of February, 1950, which shall not be less than interest requirements due on said bonds April 1, 1950, plus Depositary's fees, and the University hereby covenants and agrees so to do. All funds received by the Depositary under the terms of this agreement, after deducting fees and expenses of such Depositary, shall be held by the Depositary in a special trust account to be known as the sinking fund and shall be disbursed or applied by the Depositary as hereinafter provided.

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

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

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

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

The said bonds are each in the denomination of One Thousand Dollars ($1,000) and are numbered from 1 to 175, inclusive. All bonds redeemed through the operation of the sinking fund, together with the appertaining interest coupons, shall be cancelled by the Depositary and delivered to the Treasurer of the University. The Depositary shall keep a record of the numbers of all bonds so redeemed.

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

(a) Designate the date and place of redemption, such place to be the office of the Depositary, in the City of Milwaukee and State of Wisconsin;

(b) If the bonds to be redeemed are less than all of those outstanding, designate the numbers and the aggregate principal amount of such bonds; and

(c) State that on the designated date of redemption said bonds will be redeemed by payment of the principal thereof and the accrued interest thereon, plus the applicable redemption premium, and that from and after the designated redemption date interest in respect of the bonds so called for redemption will cease.

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

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

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

and for all other purposes, and the Depositary, as paying agent, shall be fully protected in making payment of any such bond or coupon to the bearer thereof.

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

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

(b) The Depositary shall not be accountable for any of the proceeds of the bonds or of the revenues of the said staff housing facilities nor for any other funds of the University, except such funds as may be deposited hereunder. The Depositary shall not be required to allow interest on any funds at any time deposited hereunder. The Depositary may become the owner of bonds of the said issue with the same rights which it would have if not Depositary.

(c) The Depositary shall not be liable for any action taken or omitted to be taken by it in good faith and in the exercise of reasonable care and believed by it to be within the discretion or power conferred upon it by this agreement, nor shall the Depositary be responsible for the consequences of any error of judgment, and the Depositary shall not be answerable except for its own acts, neglect and default, nor for any loss unless the same shall happen through the negligence or want of good faith of the Depositary.

(d) The Depositary shall be entitled to advice of counsel concerning all matters arising under this agreement and its duties hereunder, and may in all cases pay such reasonable compensation as it shall deem proper to such counsel and all such outlays and expenditures shall be repaid to the Depositary out of the sinking fund money.

(e) The Depositary shall not be required to give any bond or surety in respect of the exercise of the duties and powers conferred hereby or otherwise in respect of the premises.

(f) The Depositary shall have a first lien hereunder upon the sinking fund moneys for reasonable compensation, expenses, advances and counsel fees incurred in and about the exercise and performance of its powers and duties hereunder, and the cost and expense of defending against any liability in the premises of any character whatsoever. The compensation of the Depositary shall not be limited to or by any provision of law in regard to the compensation of a trustee of an express trust.

(g) The Depositary at the time acting hereunder may at any time resign by giving not less than sixty (60) days' written notice to the University specifying the date when such resignation takes effect.

SECTION 5. The University covenants that in case the Depositary at the time acting hereunder shall resign or be dissolved or shall be in the course of dissolution or liquidation or otherwise become incapable of acting hereunder, the University will forthwith appoint a successor Depositary which shall be a trust company or bank in good standing located in the State of Illinois and having a capital and surplus of not less than Five Million Dollars ($5,000,000), if there be such a trust company or bank willing, qualified and able to accept the appointment upon reasonable or customary terms.

Every successor Depositary appointed hereunder shall execute, acknowledge and deliver to its predecessor and also to the University an instrument in writing accepting such appointment hereunder, and thereupon such successor Depositary, without any further act, deed or conveyance, shall become fully vested with all of the estates, rights, powers, duties and obligations of its predecessor, and every predecessor Depositary shall deliver all moneys and securities, together with a record of the amount and the numbers of the outstanding bonds, to its successor; provided, however, that before such delivery is required or made, all fees, advances and expenses of the retiring Depositary shall be paid in full.

Any corporation into which the Depositary or any successor to it may be merged or converted or with which it or any successor to it may be consolidated,

or any corporation resulting from any merger, conversion or consolidation to which the Depositary, or any successor to it shall be a party, shall be the successor Depositary under this agreement without the execution or filing of any paper on the part of either of the parties hereto.

SECTION 6. Nothing in this agreement expressed or implied is intended or shall be construed to confer upon any person, firm or corporation, other than the parties hereto and the holders of the said bonds and the coupons thereto appertaining, any right, remedy or claim, legal or equitable, under or by reason of this agreement or any covenant, condition or stipulation hereof.

IN WITNESS WHEREOF, said University of Illinois, acting by and through its Board of Trustees, has caused this agreement to be signed in its name by the President of the Board of Trustees and the Treasurer thereof and its corporate seal to be hereunto affixed and attested by the Secretary thereof, and said Marine National Exchange Bank of Milwaukee has caused this agreement to be signed in its corporate name by one of its Vice Presidents and its corporate seal to be hereunto affixed and attested by one of its Assistant Cashiers, all as of the day and year first above written.

UNIVERSITY OF ILLINOIS

By.....
President, Board of Trustees

ATTEST:

.....
Treasurer, University of Illinois

.....
Secretary, Board of Trustees

MARINE NATIONAL
EXCHANGE BANK
OF MILWAUKEE
As Depositary

ATTEST:

By.....

.....
Assistant Cashier

Vice President

SECTION 7. Said University hereby covenants that proper books of record and account will be kept, in which full, true and correct entries will be made of all income, expenses and financial transactions of and in relation to the said staff housing facilities, and that it will furnish to the Depositary and to the original purchasers of said bonds on or before October 1 in each year so long as any bonds remain outstanding a statement certified as correct by the Comptroller and Treasurer of the University, showing the gross operating revenues, the operating expenses, and the net revenues of said staff housing facilities for the twelve months' period ending on the next preceding June 30.

SECTION 8. The University covenants that while any of the bonds authorized hereunder remain outstanding it will establish charges and fees for the use of said staff housing facilities and all of the facilities thereof adjusted so as to provide revenues at all times sufficient to pay the reasonable cost of maintaining, operating, insuring and repairing the said staff housing facilities, to pay the interest from time to time becoming due on the said bonds from time to time outstanding, and to provide for the payment of the principal of such bonds at maturity.

SECTION 9. It is hereby covenanted and agreed that while any revenue bonds issued hereunder are outstanding no additional revenue bonds shall be issued which, by their terms, are payable from the revenues of said staff housing facilities, unless and until all revenue bonds issued pursuant to the terms of this resolution have been paid in full, both as to principal and interest, or until provision shall have been made for such payment in full.

SECTION 10. Said University of Illinois hereby covenants and agrees with the holder or holders of the bonds herein proposed to be issued, or any of them, that it will punctually perform all duties with reference to said staff housing facilities required by the Constitution and Laws of the State of Illinois, including the making and collecting of sufficient charges and fees for the use of said properties and all of the facilities thereof, and segregating the revenue thereof and the application of the income and revenue thereof, as provided by this resolution; and it hereby covenants and agrees not to sell, lease, loan, mortgage

or in any manner dispose of said staff housing facilities, including any and all extensions and improvements that may be made thereto, until all of the bonds herein authorized to be issued shall have been paid in full, both principal and interest, or unless and until provision shall have been made for the payment thereof in full, and the said University further covenants and agrees with the holders of said bonds to maintain in good condition and continuously operate said staff housing facilities and maintain and keep in full force and effect at all times adequate insurance for the protection of said properties, including multi-risk insurance, covering loss or damage to said properties and use and occupancy insurance covering loss of use of said properties. The cost of maintaining all insurance shall be deemed to be an operating charge and shall be paid only from revenues.

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

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

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

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

SECTION 14. That Trustees PARK LIVINGSTON and FRANCES B. WATKINS be and they are hereby designated and directed to execute the said Staff Housing Revenue Bonds, Series of 1949, hereby authorized, together with the President and Secretary of the Board of Trustees of the University of Illinois, and the said President, Secretary and Treasurer of this Board of Trustees, be and they are each of them hereby authorized and directed to execute all instruments, papers, documents and agreements necessary or convenient to accomplish the issue and delivery of the said Staff Housing Revenue Bonds, Series of 1949, to the purchaser thereof.

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

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

Passed....., 1949.

Recorded....., 1949.

ATTEST:

.....
President, Board of Trustees

.....
Secretary

STATE OF ILLINOIS }
COUNTY OF CHAMPAIGN } SS

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

"RESOLUTION authorizing and providing for the issue of $175,000 Staff Housing Revenue Bonds, Series of 1949, for the purpose of defraying part of the cost of constructing certain staff housing facilities on property owned by the University of Illinois located in Urbana, Illinois, prescribing all the details of said bonds, and providing for the collection, segregation and distribution of the revenues of the said project, for the purpose of paying the cost of the maintenance and operation thereof, and payment of the principal of and interest on said revenue bonds,"

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

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

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

PURCHASES

A. Purchases Authorized

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

Item	*Department*	*Vendor*	*Cost*
Ten cases glacial acetic acid; 36 cases hydrochloric acid; 36 cases nitric acid; 75 cases sulfuric acid; 10 cases ammonium hydroxide	General Chemical Stores	J. T. Baker Chemical Co., Chicago	$1 783 96 delivered
440 pieces (assorted) laboratory glassware. standard taper joint equipment. of Pyrex glass	General Chemical Stores	Scientific Glass Apparatus Co., Bloomfield, N.J.	1 357 58 f.o.b. Urbana
5,123 pieces (assorted) Coors laboratory porcelain ware	General Chemical Stores	A. Daigger & Co., Chicago	4 698 14 f.o.b. Urbana
505 Venetian blinds to be installed in new Student and Staff Apartment Building	Physical Plant	F. K. Robeson, Champaign	4 003 97 installed
16,650 feet tubing, black, gum rubber in assorted sizes for laboratory uses	General Chemical Stores	Garlock Packing Co., Chicago	1 033 16 f.o.b. Urbana
8,000 gallons RT-10 road tar	Physical Plant	Illiana Construction Co., Urbana	1 120 00
5,200 ft. standard weight galvanized threaded pipe consisting of sizes from ⅜″ to 2½″ diameter; 5,700 ft. standard weight black threaded pipe consisting of various sizes from ¾″ to 4″ diameter	Physical Plant	Crane Co., Terre Haute, Ind.	1 411 09 f.o.b. Urbana
Four model 2709 professional 35 mm. motion picture cameras; 3 pilot pin mechanisms with a special glass insert; four No. 5021-A 200 ft. magazine designs	Physics	Bell & Howell Co., Chicago	10 962 00 f.o.b. Chicago
One walk-in-refrigerator 8½′ wide x 12′ long x 7½″ high with 1 h.p. compressor, 220 V., 3 phase, 60 cycle	Bacteriology	Swain & Myers, Inc., Decatur	1 892 00

Item	*Department*	*Vendor*	*Cost*
Three wall tables, desk combination 11′8″ long, 31″ wide, 56½″ high; 3 wall tables, ditto but without desk attachment; 1 wall sink assembly, 50″ long x 31″ wide x 37″ high, basin I.D. 24″ x 21″ x 10″; 1 dark room developing table, overall 7′ long x 31″ wide x 45″ high; 2 peg boards, carbonized birch, 24″ wide x 30″ high with 39⅜″ x 5″ pegs on 4″ centers staggered rows	Physiology	Leonard Peterson & Co., Inc., Chicago	3 285 00 f.o.b. Urbana
10,000 reprints of Graduate College catalog	University Press	Interstate Printing Co., Danville	4 170 00 f.o.b. Urbana
10,000 copies of 96-page book entitled *Current Advances in Dentistry* with 82-line engravings and 93 halftones, printed on 70 lb. Wedgewood enamel, or equal, with 80 lb. coated cover stock	Dentistry	Rogers Printing Co., Chicago	4 652 00 delivered
Telephone services for transmission of postgraduate telephone extension program on "Current Advances in Dentistry"	Dentistry, Postgraduate Studies	American Telephone & Telegraph Co., Chicago	39 600 00 (estimated tolls, tax exempt)
One panel truck, ½ ton	Residence Halls (Stadium Terrace Operations)	Rogers Chevrolet Co., Rantoul	1 389 85

B. Purchases Recommended

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

Item	*Department*	*Vendor*	*Cost*
325,000 gallons of No. 5 fuel oil for the heating plant at Navy Pier	Physical Plant, Chicago Undergraduate Division	Seneca Petroleum Co., Chicago	$0.0677 a gallon, or 22 002 50
750 tons agricultural limestone to be delivered and spread; 225 tons rock phosphate 31 percent P_2O_5 delivered and spread	Agricultural Economics, Allerton Farms	Piatt County Service Co., Monticello	6 783 75
1,450 ft. of 6″ schedule 40, black seamless steel pipe	Physical Plant	Field & Shorb Co., Decatur	1 684 76 f.o.b. Urbana
Three 1,000 ft. reels 2/C No. 6 A.W.G. stranded type RLJFJ 600 volt N-E-C cable round	Physical Plant	Efengee Electrical Supply Co., Chicago	1 061 82 f.o.b. Urbana
60 head choice yearling stocker steers weighing approximately 600 lbs.	Animal Science	Chicago Producers Commission Association, Union Stock Yards, Chicago	9 000 00 delivered (approximately)
To be selected by Professors R. R. Snapp or F. C. Francis about October 1, 1949. Price will be market price at time of selection.			
600 cases bleached paper hand towels	Physical Plant	Schwarz Paper Co., Peoria	3 030 00 f.o.b. Champaign
50,000 lbs. newsprint paper for printing *Illinois Alumni News*	Alumni Association	C. J. Duffey Paper Co., Rock Island	3 050 00 f.o.b. Urbana
Two issues *University of Illinois Law Forum* Quarterly	College of Law	Twin City Printing Co., Champaign	4 440 00
1½ ton pick-up truck with fresh air heater and defroster, oil bath, air cleaner	Veterinary Clinical Medicine	Whowell Motor Sales, Paxton	1 199 82
One Chevrolet carryall suburban automobile, less allowance on car No. 760 1939 Ford Station Wagon	Zoology and Physiology	Rogers Chevrolet Co., Rantoul	1 600 00
27 drawing tables (special) oak construction, 60″ x 36″ x 35″, including 18″ x 36″ x 1¼″ adjustable top, 12 tables to include 3″ raising blocks	Physical Plant	W. B. Read & Co., Bloomington	1 461 46
Two centrifuges, laboratory, superspeed, 15,000 r.p.m., R.C.F. 26,000 X G, water cooled, capacity of eight 50 c.c. tubes	Bacteriology	Ivan Sorvall, Inc., New York City	1 242 00 f.o.b. New York

Item	*Department*	*Vendor*	*Cost*
One electromagnet similar to Central Scientific No. 79650	Radiology Betatron, Medicine	Westinghouse Electric Corp., Detroit, Mich.	1 081 00 f.o.b. Detroit
1 potentiometer, indicating and recording, six point, 12" chart, pen speed 24 seconds, range 0-1000 degrees F.; 3 potentiometers, indicating, 0-1000 degrees F., 28⅝" scale rotating, 30 amp mercury control switch	Chemical Engineering	Brown Instrument Co., Peoria	1 342 44 f.o.b. Philadelphia
One high temperature short-time milk pasteurizing unit, capacity 3,000 lbs. an hour, complete with necessary pumps and controls	Food Technology	Creamery Package Manufacturing Co., Chicago	5 300 00 f.o.b. factory Ft. Atkinson, Wis.
Reprinting 10,000 copies of Units 89 to 113 of *Better Farming*, a publication of the Agricultural Experiment Station; this reprint consists of 205 pages 8½" x 11" which will be reproduced by offset process	Agricultural Administration	Cushing-Malloy, Inc., Ann Arbor, Mich.	3 600 00 f.o.b. Urbana
18,000 lbs. soft paste, all-purpose white lead in 100 lb. kegs	Physical Plant	National Lead Co., Chicago	3 690 00 f.o.b. Urbana
5,000 ½-watt resistors, with 5 per cent tolerance; 14,100 1 watt resistors, with 5 per cent tolerance; 20,200 2-watt resistors, with 5 per cent tolerance	Graduate College, Computer	Allen Bradley Co., Chicago	2 846 00 f.o.b. Urbana
Liquid nitrogen for use in University research laboratories	General Chemical Stores	Linde Air Products Co., Chicago	4 000 00 a year
One laboratory table with sink as per University specifications, for Allergy Laboratory	College of Medicine, Allergy Unit	E. H. Sheldon & Co., Chicago	1 440 60
One portable refrigerated centrifuge, 60 cycle, 110 volt, A.C. International Model P.R.1, catalogue No. 180	College of Medicine, Physiology	Chicago Apparatus Co., Chicago	1 690 00 f.o.b. delivered
Two model 19 teletype sets	Graduate College, Computer	Graybar Electric Co., Chicago	4 194 00 f.o.b. Chicago
One Grass eight-channel electroencephalograph	Psychiatry	Grass Instrument Co., Quincy, Mass.	1 700 00 delivered
One used Mason and Hamlin grand piano	Robert Allerton Park	Dean Rexford Newcomb, Urbana	1 400 00
150 feeder lambs, weighing approximately 70 lbs. To be selected by Dr. U. S. Garrigus about October 15, 1949. Price will be market price at time of selection.	Animal Science		2 500 00 (approximately)
Lockup, presswork, and binding 5,000 copies of 1949-1950 film catalog consisting of 320 pages and cover, printer to furnish paper	Print Shop (for Audio-Visual Service of Division of University Extension)	Pantagraph Printing & Stationery Co., Bloomington	1 892 00 f.o.b. Urbana
2,000 copies *Financing Efficient School Districts* to be printed and bound	Bureau of Research and Service	Pantagraph Printing & Stationery Co., Bloomington	1 575 00 f.o.b. Urbana
Reprinting 10,000 copies of Units 1 to 60 (excluding Unit 14) of *Better Farming*, a publication of the Agricultural Experiment Station; this reprint consists of 327 pages 8½" x 11" which will be reproduced by offset process	Agricultural Administration	Cushing-Malloy, Inc., Ann Arbor, Mich.	5 000 00 f.o.b. Urbana
Printing and binding 5,000 copies of Engineering Experiment Station Circular 60, *Lectures on Foundation Engineering*	Engineering Experiment Station	Twin City Printing Co., Champaign	2 269 75 f.o.b. Urbana
625 tons ¾ x 10 mesh southern Illinois oil treated stoker coal; 23 tons 3 x 2 southern Illinois nut coal; 50 tons southern Illinois lump coal	Residence Halls (Temporary Housing)	LeBaugh Coal Co., Urbana	6 622 20
9,000 tons coal, 1¼" or 1½" freshly-mined Illinois washed screenings to be delivered as required	Chicago Professional Colleges, Power Plant	Fleming Coal Co., Chicago	64 530 00 ($7.17 a net ton delivered)

Item	*Department*	*Vendor*	*Cost*
Owner's, landlord's, and tenant's elevator liability insurance, 3 years from October 1, 1949, with limits of $100,000 to $500,000 for bodily injury and $25,000 for property damage	Physical Plant Maintenance	O. J. Wheeler, Chicago, representing Michigan Mutual Liability Co.	1 454 49 net

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED JULY 11 TO SEPTEMBER 10, 1949

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
National Dairy Council	Occurrence of quinoline acid plus 3 hydroxyanthronlic acid in foodstuffs including dairy products	$ 500 00	July 1, 1949
Roses, Inc.	Anatomical and physiological factors affecting the susceptibility of various rose varieties to mildew infection	1 400 00	August 1, 1949
International Harvester Co.	Study of parlor milking systems	None	August 1, 1949
Illuminating Engineering Society	Pavement surface reflectance	4 500 00	August 1, 1949

Adjustments for Cost-Plus Contracts Under Standing Contracts of July 1, 1948

With Whom	*Purpose*	*Amount*
Lewis S. Colbert	Twenty adjustments	$ 873 22
Reliable Plumbing and Heating Co.	Thirteen adjustments	123 57
Schroeder's	Nine adjustments	1 509 64
Square Deal Electric Co.	Seven adjustments	525 00

GIFTS AND GRANTS RECEIVED BY THE UNIVERSITY

I. For the Colleges and Schools at Urbana-Champaign:

A. Undergraduate Scholarships, Prizes, and Other Financial Aids:

1. Illini Achievement Fund, $7,500 for Illini War Memorial Scholarships for undergraduate students..... $ 7 500 00
2. Campus Chest, an undergraduate fund-raising organization, $1,975 for undergraduate scholarships..... 1 975 00
3. Mr. Robert Allerton, of Hawaii, $800 for the 1949 Allerton Traveling Scholarships in Architecture..... 800 00
4. Mrs. Kittie B. Pierce, La Grange, $500 for the Phyllis Pierce Ruettinger Memorial Scholarship for 1949-1950.. 500 00
5. Mr. John W. Ruettinger, Chicago, Class of 1927, $500 for the John C. Ruettinger Memorial Scholarship for 1949-1950..... 500 00
6. Illinois Federation of Women's Clubs, Third District, $2,780 for scholarships in Occupational Therapy..... 2 780 00
7. Illinois Congress of Parents and Teachers, $600 for general scholarships; also, $200 for a scholarship for a student preparing to teach handicapped children..... 800 00
8. Mrs. Margaret Anderson, Morris, $2,100 to be added to the scholarship fund for students in the School of Music known as the "William Anderson Scholarship in Music" in memory of her late husband. (The amount received to date is $8,600.)..... 2 100 00
9. Sinai Temple Congregation of Champaign-Urbana, $50 for a scholarship in the School of Music..... 50 00
10. Old Ben Coal Company, $600 for scholarships in Mining Engineering..... 600 00
11. Peabody Coal Company, $1,200 for scholarships in Mining Engineering..... 1 200 00
12. Tamping Bag Company, $200 to supplement funds for a scholarship in engineering given by Mr. A. E. Pickard.. 200 00
13. John Morse Memorial Foundation, Chicago, $1,500 for scholarships in Mechanical and Electrical Engineering.. 1 500 00

14. Chicago Section of the Illuminating Engineering Society, $500 for scholarships for juniors and seniors in Electrical Engineering (Illumination Option) 500 00
15. Chicago Farmers, Chicago, $500 for a scholarship in the College of Agriculture 500 00
16. Kroger Company, Cincinnati, Ohio, $1,200 for scholarships for students in agriculture and home economics in the amount of $200 each 1 200 00
17. Brook Hill Farms, Inc., Chicago, $100 for the renewal of the "Brook Hill Farms Award" (scholarship) in Dairy Technology 100 00
18. The Air Foundation, Cleveland, Ohio, through the University of Illinois Foundation, $1,000 to be used for scholarships or research in the Institute of Aviation 1 000 00
19. Panhellenic Council, a University of Illinois student organization, $175 for a woman's scholarship 175 00
20. The Praetorians of Illinois, $60 for a tuition scholarship for one male student for the fall semester, 1949-1950 .... 60 00
21. The former Woman's League, $132.79 to be added to the Woman's League Needy Students Fund 132 79
22. Zeta Psi Educational Foundation, Inc., New York City, $200 for a scholarship (to a non-Zeta student) 200 00
23. Ladies Auxiliary, Spanish American War Veterans, Department of Illinois, $50 for the woman student who has the highest scholastic standing in her first year of work in Home Economics 50 00
24. Mr. and Mrs. Edward Clamage, Chicago, $200 for loans to students on the staff of the *Daily Illini*. This is a memorial to their son, Lieutenant Raymond Clamage, who lost his life in World War II. He had asked that $500 be given to the University from the proceeds of his insurance, and this amount was received in June, 1947; his parents are making additional contributions to the fund known as "The Lieutenant Raymond Clamage Loan Fund" 200 00

Total, Undergraduate Scholarships, Prizes, and Other Financial Aid ..... (24 622 79)

B. Funds for Graduate Fellowships, Scholarships, and Research:

25. United States Department of Agriculture, $2,875 to the Department of Agricultural Economics to collect and disseminate marketing information, including adequate outlook information on a market-area basis, for the purpose of anticipating and meeting consumer requirements, aiding in the maintenance of farm income, and bringing about a balance between production and utilization of agricultural products 2 875 00
26. Illinois Crop Improvement Association, $500 to help defray the expenses of publishing the Corn Performance Bulletin 500 00
27. For the development of the Northern Illinois experimental field in De Kalb County 9 578 35

F.F.A. of Amboy High School, Amboy	$ 16 00
Edgar Florschuetz, Sublette	48 00
E. R. McLane, Kankakee	125 00
John Stewart, Lakefield Farm, Grayslake ..	37 20
Glenn Wheat, Prophetstown	259 50
Messrs. Roland L. Doyle & Sons, Henry ..	292 70
Walter G. Griffith, Griffith Seed Company, McNabb	198 60
Leland Monier, Monier Hybrids, Henry ...	262 40
The Elburn Farm, Sellen & McKenzie, Elburn	148 50

Albert Herman, Antioch		115 00	
L. A. Huebsch, Mundelein		157 00	
Henry J. Marten, Geneseo		59 00	
Preston I. Woods, Waterman		472 70	
S. F. Beetz, Mendota		338 25	
John W. Gallisath, West Brooklyn		15 25	
Charles A. Hummel, Dixon		62 25	
Thier Brothers, West Brooklyn		21 25	
Howard Lanan, Kingston		330 00	
Clarence Ackland, Compton		168 00	
Lee County Farm Bureau		210 00	
Illinois Seed Producers Association		4 375 00	
Mell Powell, Annawan		100 00	
Vernon Schnell, Franklin Grove		50 00	
Harry R. Cochran, Aurora		1 216 75	
Harry Schilling, Kankakee		250 00	
Ainsworth Seed Company, Mason City		250 00	
28. For Central Illinois Seed Increase and Distribution Fund			3 755 80
Carl F. Frey, Gilman	$	25 75	
M. Ward Reynolds, Altona		15 50	
Funk Brothers Seed Company, Bloomington		920 50	
Reuel M. Tomlin, Capital Farm Seed, Springfield		20 50	
George E. Holder, Bloomington		101 00	
W. T. Schwenk, Edwards		500 00	
J. F. Ziegler, Dwight		130 00	
J. L. Trisler, Fairmount		1 107 80	
Philip Balzer, Liberty		3 00	
Louis H. Vollmer, Liberty		62 50	
Junior Dittmer, Carthage		110 00	
Roy A. Morton & Sons, Bowen		376 50	
Wilbur Pearce, Bowen		222 75	
Dowson Brothers, Auburn		100 00	
Leslie Simpson, Rochester		60 00	
29. Illinois Seed Producers Association, $3,872.75 for corn research in the Department of Agronomy			3 872 75
30. Illinois Farm Supply Company, $2,000 to supplement the research budgets in Dairy Science, and in the swine, poultry, and animal nutrition divisions of the Department of Animal Science			2 000 00
31. American Cyanamid Company, New York City, $600 for research on the value of rock phosphate as a filler in complete fertilizers			600 00
32. State Farm Fire Insurance Company, Bloomington, $200 for an investigation of soybeans in yield losses sustained from hail storm damage			200 00
33. Illinois Agricultural Association, $600 for research on dairy marketing conditions in northwestern Illinois			600 00
34. Tennessee Corporation, $400 for the development of copper fungicides			400 00
35. Midwest Barley Improvement Association, $100 for the continuation of research on barley variety fertilizer tests in northern Illinois			100 00
36. Owens-Illinois Glass Company, $4,800 for fellowships in glass technology (Ceramic Engineering). (This is to cover a four-year period beginning in 1947.)			4 800 00
37. A. P. Green Fire Brick Company, Mexico, Missouri, $2,000 for a fellowship in Ceramic Engineering during 1948-1949			2 000 00
38. Olin Industries, Inc., East Alton, $1,500 for a fellowship in the Department of Mining and Metallurgical Engineering during the academic year 1948-1949 for research in titanium metal			1 500 00

39. Urbana-Champaign Sanitary District, Urbana, $1,500 for hydrological studies of the Boneyard by the Department of Civil Engineering 1 500 00
40. Standard Oil Company of Indiana, $1,500 in support of a fellowship in civil engineering for two semesters beginning February 1, 1949 ..... 1 500 00
41. Motorola Incorporated, Chicago, $750 for the continuation during 1949-1950 of the Calvin Fellowship in Radio and Television Engineering Research 750 00
42. The California Company, New Orleans, Louisiana, $1,250 for the renewal of a fellowship in Geology for the academic year 1949-1950. The Company will also pay tuition up to a maximum of $500 if the recipient is not receiving federal aid for military service 1 250 00
43. Velsicol Corporation, Chicago, $2,500 for the renewal of a fellowship in Zoology during the academic year 1949-1950 2 500 00
44. VioBin Corporation, Monticello, $500 for preliminary studies by the Department of Bacteriology of the value of wheat germ oil in developing resistance to disease 500 00
45. General Mills, Inc., Minneapolis, Minnesota, $1,500 for research in the Department of Physiology 1 500 00
46. National Institute of Health, $500 in support of research on "Mechanism of Action of the Trophic Hormones of the Pituitary Gland" 500 00
47. Research Corporation, New York City, $6,000 in support of research in chemistry on application of nuclear magnetic phenomena to the investigation of molecular structure and the nature of the solid state 6 000 00
48. E. I. du Pont de Nemours & Company, Inc., Wilmington, Delaware, $10,000 for research in chemistry during the academic year 1949-1950 ..... 10 000 00
49. Standard Oil Company of Indiana, Chicago, $3,000 for the renewal of a fellowship in chemistry and another in chemical engineering ($1,500 each) for the academic year 1949-1950 ..... 3 000 00
50. Socony-Vacuum Oil Company, New York City, $2,000 for the renewal of a fellowship in chemistry for the academic year 1949-1950 ..... 2 000 00
51. Firestone Tire and Rubber Company, Akron, Ohio, $1,500 for the renewal of a fellowship in chemistry for the academic year 1948-1949 ..... 1 500 00
52. Monsanto Chemical Company, St. Louis, Missouri, $1,500 for the renewal of a fellowship in chemistry for the academic year 1949-1950. (Heretofore the amount of the grant was $1,200, but it is now being increased to $1,500 with the understanding that the $300 may be used either for increasing the stipend of the fellowship or to help defray expenses incidental to the research program under the fellowship.) 1 500 00
53. Pan-American Refining Corporation, New York City, $1,265 for a fellowship in chemistry during the academic year 1949-1950 ..... 1 265 00
54. General Aniline and Film Corporation, Easton, Pennsylvania, $1,395.63 for the renewal of a research assistantship in chemistry for the academic year 1949-1950 ..... 1 395 63
55. Olin Industries, Inc., East Alton, $1,800 for renewal of a fellowship in chemistry during the academic year 1949-1950, $1,500 to be used as a stipend and $300 for the purchase of any required special chemicals or equipment .. 1 800 00
56. The Upjohn Company, Kalamazoo, Michigan, $1,461.60 for the renewal of a fellowship in chemistry for the academic year 1949-1950 ..... 1 461 60

57. Eli Lilly and Company, Indianapolis, Indiana, $3,045 in support of a fellowship in chemistry for research on insulin during the academic year 1948-1949, and $3,600 for the academic year 1949-1950 ..... 6 645 00
58. The Borden Company, Chicago, $1,000 in support of a fellowship in chemistry for one year for the study of the mechanism of the reaction of aldehydes with ketones, and the character of the products obtained 1 000 00
59. Minnesota Mining & Manufacturing Company, St. Paul, Minnesota, $1,500 for the renewal of a fellowship in chemistry for the academic year 1949-1950 ..... 1 500 00
60. Pittsburgh Consolidated Coal Co., Library, Pennsylvania, $2,250 for the renewal of a fellowship in Chemical Engineering during the academic year 1949-1950 ..... 2 250 00
61. Mr. Elwood Hansman, Chicago, $700 in support of a research assistantship in the Department of Chemistry for research on coloring matter in rice 700 00
62. Merrill Foundation for the Advancement of Financial Knowledge, Inc., New York, $15,000 for a three-year study by the University of Illinois College of Commerce and Business Administration in cooperation with the National Opinion Research Center of the University of Chicago of the psychology that underlies decisions businessmen make and the effect of their attitudes on future business developments. An additional $65,000 has been earmarked by the Merrill Foundation for this program when the preliminary study has been completed 15 000 00
63. Zeta Phi Eta, National Professional Women's Organization, $350 for a graduate scholarship in speech 350 00

Total, Graduate Fellowships, Scholarships, and Research ..... (100 149 13)

C. Gifts of Equipment and Works of Art:

64. Faculty and graduates of the College of Engineering, a portrait of Dean-Emeritus M. L. Enger by Professor C. E. Bradbury of the Department of Art ....
65. Miss Edith Brooks, Washington, D.C., a portrait of her late father, Professor Morgan Brooks of the Department of Electrical Engineering ....
66. Vickers Incorporated, a hydraulic test stand for the testing of hydraulic servomechanism units for the Department of Electrical Engineering; estimated value 2 250 00
67. Laclede-Christy Company, St. Louis, Missouri, to the Department of Ceramic Engineering, a 15 A Thermex high frequency di-electric heating unit with a capacity of 20,000 B.T.U. an hour; estimated value 8 000 00
68. Dr. Jewell E. Schubert, Instructor in Mathematics, University of Illinois, $25 as a memorial to Frances Brahana, to be used for the purchase of books in the field of philosophy 25 00

Total, Gifts of Equipment and Works of Art ..... (10 275 00)

D. Miscellaneous:

69. Mr. George A. Miehls, President of Albert Kahn, Inc., Detroit, Michigan, $500 to the Department of Architecture 500 00
70. The Colonial Iron Works Company, Cleveland, Ohio, $1,500 as an award for an original orchestral composition by a member of the faculty of the School of Music. The award has been made to Professor Alvin Etler 1 500 00

Total, Miscellaneous ..... (2 000 00)

Total, Urbana-Champaign ..... (137 046 92)

II. For the Chicago and Galesburg Undergraduate Divisions:

71. Mr. Edward Lundgren, President of the Knox County Chapter No. 14, American War Dads, Inc., presented to the Organization for Disabled Students, a student organization of the Galesburg Division of the University of Illinois, $1,084.50 for the purchase of ten Universal Model collapsible wheel chairs 1 084 50

72. Estate of Arthur Woltersdorf, a collection of 580 volumes of architectural works (valued at $3,000) for the Library of the Chicago Undergraduate Division at Navy Pier ... 3 000 00

Total, Chicago and Galesburg Undergraduate Divisions .. (4 084 50)

III. For the Chicago Professional Colleges:

A. Funds Received from Private Industry, Foundations, Other Organizations and Government Agencies for Research and Graduate Study:

73. Abbott Laboratories, North Chicago:
   a. For research in the Department of Clinical Science ... 2 120 00
   b. For research on the use of penicillin dust by inhalation in the treatment of upper respiratory infections 1 500 00
   c. For the continuation of studies on the psychomatic effects of antihistamines 1 500 00
   d. For research on "Gastrointestinal Hormones" in the Department of Clinical Science 500 00
   e. For research in the Department of Surgery on a study of the effect of penicillin and streptomycin in peritonitis as produced in animals; $125 of this amount is in the form of penicillin 400 00

74. American Hospital Supply Corporation, $1,500 for a study of the "Value of Ultra-Violet Irradiation of Blood and Plasma" in the Department of Medical Bacteriology 1 500 00

75. Bristol Laboratories, Inc., Syracuse, New York, $3,600 for a fellowship in Pharmacology during the years 1948-1949 and 1949-1950, and $1,650 in the Department of Pathology for the year 1949-1950 ..... 5 250 00

76. Hoffman-LaRoche, Inc., Nutley, New Jersey (with offices in Chicago), $2,500 a year for two years beginning July 1, 1948, for a fellowship in the Department of Pharmacology (renewal) 5 000 00

77. Hoffman-LaRoche, Inc., Nutley, New Jersey, $900 to pay students for undergoing tests with new analgesic drugs by the Department of Pharmacology 900 00

78. LaRabida Jackson Park Sanitarium, Chicago, $3,500 for research on rheumatic fever by the Departments of Medicine, Pathology, and Pediatrics 3 500 00

79. Mallinckrodt Chemical Works, St. Louis, Missouri, $4,000 for research on alkyl carbonates and oxazolidinediones in the Department of Pharmacology during the year 1948 .. 4 000 00

80. Parke, Davis, and Company, Detroit, Michigan, $5,000 for continuation of research on development and evaluation of anti-histamine and adrenergic blocking drugs in the Department of Pharmacology during the period of one year from July 1, 1948 ..... 5 000 00

81. G. D. Searle and Company, Chicago:
   a. For studies of the incidence of colonic dyskinesia and its management with the hydrophilic colloid in patients with peptic ulcer in the Department of Clinical Science 2 500 00
   b. For "Preliminary Study of the Antacid Compounds" in the Department of Clinical Science 600 00
   c. To be applied toward the cost of a Collins Respirometer for the Allergy Clinic 300 00

82. Sharp and Dohme, Inc., Glenolden, Pennsylvania, $1,500 for research on the method of controlling drugs in hospitals in the College of Pharmacy 1 500 00

83. Smith, Kline, and French Laboratories, Philadelphia, Pennsylvania:
    a. For research in the Department of Pharmacology on the nature of muscular relaxation to be carried out with the aid of known and of newly synthesized drugs.. 9 350 00
    b. For research on "Method for the Assay of Orexigenic and Anorexigenic Drugs in Rats" in the Department of Clinical Science..... 3 740 00
    c. For research on analgesia in the Department of Clinical Science..... 3 000 00
    d. For research on the effects of amines in experimental renal hypertension and other experimental hypertensions by the Department of Physiology..... 2 000 00
84. E. R. Squibb & Sons, New York City, $4,000 for research on striated muscle relaxants in the Department of Pharmacology during the period of one year from May 1, 1949 4 000 00
85. Swift and Company, Chicago, $3,500 for the renewal of a grant for research on amino acids in the Department of Surgery..... 3 500 00
86. The Toni Company, Chicago, $7,300 for research on "Sulfhydril Compounds in Cellular Respiration" by the Department of Clinical Science..... 7 300 00
87. VioBin Corporation, Monticello, $1,000 for continuation of research on peptic ulcer and its prevention..... 1 000 00
88. The Wander Company, Chicago, $1,500 for research in nutrition in the Department of Clinical Science..... 1 500 00
89. Wyeth Incorporated, Philadelphia, Pennsylvania, $5,000 in support of research on the isolation of cholecystokin conducted during 1947..... 5 000 00
90. American Cancer Society, Inc., New York City:
    a. For the construction of the Illinois Division Cancer Exhibit for the Museum of Science and Industry by the College of Medicine..... 50 000 00
    b. For research in the field of cancer in the Department of Radiology..... 20 000 00
91. American College of Physicians, $121.39 to be placed in a General Research Gift Fund, Department of Medicine, for general research purposes. This represents the balance of receipts from the Postgraduate Course in Endocrinology given by the American College of Physicians under the auspices of the University of Illinois College of Medicine..... 121 39
92. American Medical Association, $625 for a study of the effects of a Radium D. Applicator produced by the Canadian Radium and Uranium Corporation in the Department of Ophthalmology..... 625 00
93. American Foundation for High Blood Pressure, Cleveland, Ohio, $5,000 for research on "Pathogenesis, Prophylaxis and Treatment of Experimental Renal Hypertension" by the Department of Physiology, College of Medicine..... 5 000 00
94. American Society of Heating and Ventilating Engineers' Research Laboratory, New York City, $4,882 for research on physiological adjustments of human beings to rapid changes in environment (July 1, 1948, through June 30, 1949)..... 4 882 00
95. Asthmatic Children's Aid of Chicago, $10,000 in support of the Allergy Unit and Allergy Research Work..... 10 000 00
96. Chicago Heart Association, Chicago:
    a. For the study of "The Effects of Stress and Diet on Renal Hemodynamics" in the Department of Pharmacology..... 10 000 00
    b. In support of a project in the Illustration Studios.... 3 000 00

97. Commonwealth Fund, $500 for the study of nucleic acids in cells by the Department of Pathology 500 00
98. Ladies Auxiliary of the Illinois Rural Letter Carriers' Association, $39.50 to be added to the Cancer Research Fund at the College of Medicine 39 50
99. Junior League of Chicago, Inc., $13,000 in continued support of the Consultation Clinic for Epilepsy at the College of Medicine 13 000 00
100. Josiah Macy, Jr. Foundation, $18,000 in support of a study of carbohydrate metabolism and mental disease in the Departments of Psychiatry and Physiology during the period January 1, 1947, through July 30, 1949 ..... 18 000 00
101. Lakeland Foundation:
    a. For research in the Department of Clinical Science entitled, "Attempt to Isolate the Growth Stimulating and Inhibiting Agents from the Liver or Intestinal Mucosa" 4 600 00
    b. For research to evaluate and develop Gruskin's diagnostic cancer antigen 4 600 00
102. Life Insurance Medical Research Fund, $500 for laboratory expenses in the Department of Physiology 500 00
103. National Advisory Mental Health Council, United States Public Health Service, $11,398 for training of students in clinical psychology 11 398 00
104. National Committee for Mental Hygiene, Inc., $500 to be added to the Scottish Rite Masonic Fund for research in dementia praecox in the Department of Psychiatry 500 00
105. Drama Club of Evanston, $650 for a fellowship in the Department of Orthopaedic Surgery 650 00
106. National Foundation for Infantile Paralysis, Inc.:
    a. For additional studies in electrical stimulation of muscles of poliomyelitis patients and electromyographic studies of poliomyelitis patients by the Department of Physical Medicine 4 695 00
    b. To be used by the Department of Physical Medicine for research on "Electrical stimulation of muscles of poliomyelitis patients; electromyographic studies of poliomyelitis patients" 3 820 00
107. National Institute of Health, $4,200 for research in the Department of Pediatrics on "The Role of Amino Acid Metabolism in Leukemia" 4 200 00
108. The Nutrition Foundation, Inc., New York City, an additional $3,000 for the year 1949, in support of "Studies on free amino acids in body fluids and tissues" by the Department of Biological Chemistry, College of Medicine 3 000 00
109. Rockefeller Foundation, New York City, $5,000 for teaching and research in legal medicine 5 000 00
110. United States Public Health Service:
    a. For research in the Department of Clinical Science on the concentration of enterogastron, a peptic ulcer study 10 000 00
    b. For research work to determine whether the resistance of the guinea pig to "butter yellow" hepatoma can be reduced by a liver damaging diet, in the Department of Clinical Science 5 000 00
    c. For the continuation of research on the isolation of cholecystokinin in the Department of Clinical Science 6 048 00
    d. For peptic ulcer studies, a search for a synthetic antagonist of histamine on gastric, in the Department of Clinical Science during the year beginning July 1, 1948 ..... 4 500 00
    e. For research in the Department of Ophthalmology on the "Effects of Betatron Radiation on the Eye" 13 471 00

f. For research in the Department of Pediatrics on the role of amino acid metabolism in leukemia 4 200 00
g. For research on analysis of psychological data on schizophrenia in the Department of Psychiatry 7 326 00
h. To support a study of the "Effects of Betatron X-Ray Beam on Bone and Cartilage," in the Departments of Radiology and Pathology 15 000 00
i. Cancer Grant Division, for the project "Effects of Betatron X-Ray Beam on Central Nervous System," the research to be carried on jointly by the Departments of Radiology and Neurology and Neurological Surgery 11 275 00
j. For research on facial growth after removal of mandibular condyle, in the Department of Oral and Maxillofacial Surgery 2 943 00
k. For research on "Cephalometric X-Ray Study of the Growth of the Human Head from the 8th to the 15th Year" by the College of Dentistry 3 780 00
l. To continue research on histopathology of gingivae in systemic diseases 7 344 00
m. For morphology study of odontome or tumor formation in a known strain of rats in the Department of Histology 10 703 07

111. Junior Auxiliary of the Winnetka Women's Club, $10 in memory of Mr. John P. Trecor, for cancer research in the Tumor Clinic 10 00
112. For deposit in the Occupational Therapy Gift Fund: Women's Auxiliary, Illinois Association of Chiropodists, $10; Angeline Howard, $30 ..... 40 00
113. Women's Auxiliary of the University (Chicago Professional Colleges), $80 to be deposited in the Occupational Therapy Gift Fund 80 00

Total, Funds from Private Industry, Foundations, Other Organizations and Government Agencies for Research and Graduate Study ..... (356 310 96)

B. Funds Received from Individuals:

114. Seven anonymous donors, $2,950 to establish a trust fund, "Renal Research Trust," for investigations in renal research by the Departments of Pharmacology and Medicine 2 950 00
115. Anonymous donors:
a. For postgraduate teaching in the Department of Surgery 1 000 00
b. For the "Dean's Fund" of the College of Medicine ... 300 00
116. Dr. Albert H. Andrews, Jr., of the College of Medicine, $9.00 for deposit in the account, "Miscellaneous Otolaryngology Fund—Lederer" 9 00
117. The family of Dr. Ralph C. Berkelhamer, $100 for the annual scholarship award known as the "Dr. Ralph C. Berkelhamer Scholarship" 100 00
118. Mr. Philip S. Bloom, Chicago, $3,900 in continued support of the Philip and May Bloom Allergy Research Fellowship 3 900 00
119. Mr. Joseph Danielowski, Chicago, $250 to the Department of Otolaryngology 250 00
120. Dr. William B. Downs, $25 for the Allergy Gift Fund of the College of Medicine 25 00
121. Mr. L. R. Gottschalk, Chicago, $60 for research in nutrition 60 00
122. Dr. John J. Fahey, of the College of Medicine, $530.75 for research in Orthopaedic Surgery (Chandler Research Fund) 530 75
123. Mr. and Mrs. G. W. Higgins, in memory of Peggy Higgins, $50 to the Pediatrics Gift Fund 50 00

124. Mr. Angelo Inalandi, Chicago, $150 to the Lloyd Somato Prosthesis Gift Fund 150 00
125. Dr. Louis R. Krasno, Chicago, $1,500 for research (as directed by Dr. A. C. Ivy) 1 500 00
126. Dr. Leo F. Miller, of the College of Medicine:
a. $50 for the promotion of student interest in Orthopaedic Surgery 50 00
b. $100 to the Department of Orthopaedics for the fund, "Orthopaedic Research — Dr. Miller" 100 00
127. Mrs. Peter Miller, Chicago, $14,000 for research in epilepsy by the Department of Psychiatry 14 000 00
128. Anonymous Psychiatry Gift Fund:
Mr. Stanley Miskowicz, Harvey 50 00
Mr. and Mrs. Otto E. Geppert 100 00
129. Dr. Patrick and Bertha Mooney, Chicago, $100 to be known as the "Patrick and Bertha Mooney Memorial Fund" and used for the assistance of worthy students. (The money is not to be considered a loan as the recipient is not required to pay it back, but is given the opportunity to contribute any amount he wishes to the fund.) 100 00
130. Dr. Francis L. Lederer of the College of Medicine, $105 for research, "Miscellaneous Otolaryngology Fund—Lederer" 105 00
131. Mr. Frederick Nymeyer, South Holland, $15 for deposit in the Cancer Fund, College of Medicine 15 00
132. Dr. John I. Perl, Chicago, $75 in support of experimental work on jejunostomy in the Department of Physiology .. 75 00
133. Dr. John J. Sheinin, Chicago, $25 for research in the Tumor Clinic 25 00
134. Mrs. Thomas I. Stacey, Chicago, $100 for deposit in the Lloyd Somato Prosthesis Fund 100 00
135. Dr. Frederick W. Stamps, Chicago, $350 for the Dean's Fund, College of Medicine 350 00
136. In memory of the late Dr. Charles Stotz, Chicago, $50 for research in the Tumor Clinic 50 00
137. Dr. Victor S. Yarros, LaJolla, California, $300 in support of a scholarship in the name of his wife, Dr. Rachelle S. Yarros (a former member of the staff of the College of Medicine), in the College of Medicine 300 00
138. Mr. Fred Zeller, Chicago, $10 to be added to the Joseph Danielowski Gift Fund 10 00

Total, Funds Received from Individuals ..... (26 254 75)

C. Gifts of Equipment or of Funds for Equipment:

139. American Legion Auxiliary, Naval Unit No. 372, Chicago, $48.03 for the purchase of one Colson Wheel Chair by the School of Nursing 48 03
140. Asthmatic Children's Aid of Chicago, a Sanborn metabolator to the Allergy Clinic for the determination of vital capacity and maximum voluntary ventilating capacity of asthmatic patients ....
141. S. H. Camp Company, Jackson, Michigan, $100 for purchase of films for the Departments of Obstetrics and Gynecology and Radiology 100 00
142. Mr. Mal Clarke, in memory of Mr. Harry Grabiner, $50 to be used by the Quine Library of the Chicago Professional Colleges for the purchase of books on the subject of cancer 50 00
143. M & R Dietetic Laboratories Research Fund, Columbus, Ohio, $1,000 for purchase of equipment in the Department of Pediatrics, College of Medicine 1 000 00
144. Kappa Alpha Theta, an RCA television set to the girls' ward of the Illinois Surgical Institute for Children ....

145. Dr. John A. Lowe, $50 to be added to the Pediatrics Gift Fund and used for the purchase of any equipment needed for the pediatric ward 50 00

146. Dr. E. C. Wach, College of Dentistry, $100 to be used by the Department of Physiology for the purchase of equipment useful in counting radioisotopes 100 00

147. Women of the Rotary Club of Chicago:
   a. A Motorola television set to the boys' ward of the Illinois Surgical Institute for Children ....
   b. For the installation of dark room shades on the first floor of the Illinois Surgical Institute for Children 138 30

148. Co-leaders of Winnetka Girl Scout Troop 33, $10 in memory of the father of one of their members, for the purchase of a suitable gift for the Illinois Surgical Institute for Children to be inscribed in his memory 10 00

149. Anonymous, $100 to the Department of Physiology for the electron microscope fund 100 00

150. For deposit in the Orthopaedic Gift Fund for Children .. 1 383 56

Women in the Rotary Club of Chicago	$984 00
Ridge Service Guild	134 00
Chicago Dental Assistants	41 00
Beverly Hills Junior Woman's Club	25 00
Kappa Alpha Theta	189 56
Winnetka Girl Scout Troop	10 00

151. Attending Staff of the Research and Educational Hospitals, a Du Mont television set to be placed in the House Staff Quarters ....

Total, Gifts of Equipment or of Funds for Equipment ... (2 979 89)

Total, Chicago Professional Colleges ..... (385 545 60)

GRAND TOTAL $526 677 02

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

October 25, 1949

The October meeting of the Board of Trustees of the University of Illinois was held on Tuesday, October 25, 1949, in the Illini Union Building, in Urbana, according to the following schedule:

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

2 p.m. — Open session.

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

President Stoddard was present; also, Assistant to the President A. J. Janata, Secretary H. E. Cunningham, Comptroller Lloyd Morey, Legal Counsel W. E. Britton, and, during the open session, Director of Public Information J. F. Wright.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of July 28, 1949.

On motion of Mr. Nickell, the minutes were approved as printed on pages 489 to 808 above.

ACTION OF EXECUTIVE COMMITTEE — PURCHASE OF COAL

The Secretary presented for record a report of the action of the Executive Committee on October 21, 1949, authorizing the purchase of twenty-five cars (approximately 1,250 tons) of 1¼" washed screenings, at $5.25 a ton, f.o.b. mine, freight rate $2.05 a ton, total cost a ton $7.30 and total for this order, $9,125, from the Republic Coal and Coke Company, Chicago.

In this connection, the Comptroller reported that the bid of the Republic Coal and Coke Company had been conditioned on immediate acceptance, and that the price had been raised to $5.50 by the Company before the action of the Executive Committee could be communicated to them.

MATTERS PRESENTED BY PRESIDENT STODDARD

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

PURCHASE OF COAL

(1) On October 21, 1949, the Executive Committee authorized the purchase of twenty-five cars (approximately 1,250 tons) of 1¼" washed screenings, from the Republic Coal and Coke Company, Chicago, to increase the University's coal supply at Urbana-Champaign in view of the coal strike. As of October 12 the University had in storage in Urbana-Champaign approximately 4,000 tons of coal which, under normal operations, would be sufficient for twenty-six days. The additional twenty-five cars would add approximately eight days to the present supply. The Director of Purchases has located, through the Republic Coal and Coke Company, a source of coal mined at Staunton, Illinois, by members of the Progressive Mine Workers Union who are not on strike. The Republic Coal and Coke Company is a distributor. The University now has a contract with this Company to supply coal as needed throughout the fiscal year 1949-1950 from a Danville mine in which United Mine Workers are employed, but this coal can not be delivered because of the strike.

The recommendation to the Executive Committee was based on an oral offer. The Company is now unable to supply this coal at the original price of $5.25 a ton but will accept an order at $5.50 a ton (plus freight at $2.05 a ton, or a price of $7.55 a ton delivered) for twenty cars to be shipped a car a day. The order will be subject to cancellation by the University at any time.

In view of the coal shortage and the uncertainty of deliveries from Danville under the University's standing contract, the Director of Purchases recommends that an order be placed with the Republic Coal and Coke Company at $5.50 a ton. To avoid further price increases he has placed an order for twenty cars on this basis, subject to approval by the Board. He is trying to find additional coal and has located eight cars which were bought at the price of $5.25 a ton f.o.b. mine, the price authorized by the Executive Committee.

Under current market conditions, price competition is not feasible and it is a matter of purchasing coal wherever it is available as a protection against curtailing power plant operations further. Immediately after the coal strike started on September 19 all Physical Plant operations were reviewed in order to reduce to a minimum the use of steam and electric power.

I recommend approval as an emergency measure, and that further purchases be authorized between this time and the next meeting of the Board, by concurrence of the President of the Board and the Comptroller; and that the President of the University be authorized to transmit to the members of the staff a statement of the situation, to the end that the greatest economy in the use of coal be promoted.

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

CHANGE IN STATUS OF PROFESSOR WILLIAM E. BRITTON

(2) Professor William E. Britton of the College of Law has also been serving as Legal Counsel since September 1, 1945. He accepted this assignment with the expectation that he would be able to teach part time as his predecessors had

done. The volume of legal work required of him has increased to such an extent that he finds it impracticable to combine it with part-time teaching or to do any substantial amount of legal research. He does not want to give up teaching and research entirely.

Professor Britton has, therefore, requested that (a) he be relieved of his services as Legal Counsel and be appointed Professor of Law on full time, effective February 1, 1950, and that (b) he be granted a sabbatical leave of absence on full pay for the second semester of 1949-1950. He plans to use this sabbatical leave on research and on revisions of four of his case books. He has been out of law teaching, in effect, for seven years and needs to reorient himself.

I recommend approval.

President Stoddard and President Williamson expressed their appreciation of the able and faithful services of Professor Britton as Legal Counsel.

On motion of Mr. Nickell, the recommendations of the President of the University were approved.

LICENSING OF BETATRON IMPROVEMENT PATENTS

(3) The University holds two patents (United States patents 2,447,255, Kerst *et al*, August 17, 1948, and 2,473,123, Adams, June 14, 1949) covering improvements in the betatron. The first (No. 2,447,255) is an improvement which makes the betatron particularly useful in radiography and in X-raying materials. It makes the X-rays come from a very fine focal point which enables a fine flaw to be discovered in any material being examined. The second patent (No. 2,473,123) is a circuit which increases the X-ray yield of the betatron and brings the yield up to a more or less uniformly high level.

The University has been following the policy of patenting improvements and accessories designed for the betatron by members of the staff. No financial return is expected but the effect of the policy puts the University in a strong position to influence the use of the basic betatron patents by the General Electric Company which holds them. The General Electric Company's policy permits universities to make betatrons for research purposes and it also grants manufacturers nonexclusive royalty-free licenses to make betatrons for the same purpose.

The Head of the Department of Physics and the Chairman of the University Research Board recommend that the Allis-Chalmers Manufacturing Company of Milwaukee, Wisconsin, be given a royalty-free nonexclusive license to use the inventions claimed in United States patents 2,447,255, Kerst *et al*, August 17, 1948, and 2,473,123, Adams, June 14, 1949, both assigned to the Board of Trustees of the University of Illinois.

The Head of the Department of Physics and the Chairman of the University Research Board also recommend that immediate steps be taken to secure patent coverage in Great Britain on the inventions claimed and allowed in United States patent application serial No. 617,255, Kerst. This improvement is known as the "Betatron Injector Structure."

I concur in these recommendations.

On motion of Mr. Hickman, these recommendations were approved and adopted.

RELEASE OF PATENT RIGHTS TO ENDOMYCIN

(4) For some years past, a program of systematic research aimed at discovering new antibiotic substances has been supported at the University by contributions from three pharmaceutical houses: Abbott, Eli Lilly, and Upjohn. Of several antibiotic agents studied in this work, one, an antifungal agent which has been tentatively named Endomycin, seems to have some promise of becoming a useful therapeutic agent.

Much expensive work must be done before any such possibility can be realized; this will be undertaken by the drug companies involved. Meanwhile, as a precaution, these firms desire the culture and isolation of Endomycin to be patented. Since the terms of the University's agreement with them prescribe that they be granted royalty-free nonexclusive licenses under any patents resulting from this work, it

is a matter of no particular consequence to the pharmaceutical houses concerned whether they or the University hold the patent on Endomycin.

It seems unlikely that royalties on such a patent would ever be realized by the University, since the three important companies holding royalty-free licenses will be well ahead of the others in their knowledge and facilities for producing Endomycin, and able to supply any quantities that are required, in the judgment of Professor H. E. Carter of the Department of Chemistry who has been directing the research work in this field. Other firms are therefore not likely to desire to obtain licenses to produce this antibiotic.

There appears to be no doubt that the University and its individual members who have participated in the program will get their full share of credit for Endomycin, whoever holds the patents.

The University Research Board recommends that the patent rights to Endomycin be released to Professors H. E. Carter of the Department of Chemistry and David Gottlieb of the Department of Horticulture, the discoverers.

I concur.

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

REQUEST OF THE ASSOCIATION OF GOVERNING BOARDS OF STATE UNIVERSITIES AND ALLIED INSTITUTIONS

(5) From time to time the Board of Trustees of the University of Illinois has been invited to become a member of the "Association of Governing Boards of State Universities and Allied Institutions," and the invitation has recently been renewed. The Association is an organization of over sixty governing boards of state-supported institutions of higher education in thirty-two states and Puerto Rico.

The Middle West is well represented. All of the Big Ten Universities, with the exception of Northwestern University, which is privately owned and therefore not eligible, and the University of Illinois, are members.

The annual dues for the University of Illinois would be $120. The Association has an annual meeting usually in September or October.

On motion of Mr. Herrick, membership in this association was authorized.

REPORT OF TESTS OF COAL

(6) In previous reports on contracts for coal for Urbana-Champaign Power Plant for 1949-1950 (June 25 and July 28, 1949) it was indicated that quarterly reports of tests of coal are to be made to the Board. The Physical Plant Department has submitted through the Comptroller the report of tests for the month of September, 1949, which is submitted herewith (see Appendix, page 935).

This report was received for record.

AGREEMENT WITH BUILDING SERVICE EMPLOYEES UNION RELATING TO WAGE RATES FOR JANITOR SERVICE AT URBANA-CHAMPAIGN

(7) In its meeting on May 21 and 22, 1948 (Minutes, page 1093), I presented to the Board of Trustees a suggested basis for agreement between the University and Local 119, Building Service Employees International, for establishing the principle of paying prevailing rates for janitor service on the Urbana campus. The statement was approved as the basis of further negotiation and I was requested to send the statement to the Executive Committee of the Board for its consideration and action.

Following correspondence with the Executive Committee, the Committee approved a statement which included the following paragraph:

The University base rate for Janitor shall be a rate agreed upon by negotiations in behalf of a large group of janitors engaged in work of a similar character under union contract in a representative group of Illinois cities including Chicago.

At its meeting on July 21, 1948 (Minutes, page 10), the Board approved a further statement as to the interim relationship between the Union and the University pending the completion of final and detailed negotiations.

The Director of Nonacademic Personnel reports that he has now completed negotiations and that an agreement has been reached which fully satisfies the conditions established by the Board and which is likewise acceptable to the Union. Under this agreement, University wage rates will be tied to rates paid by the Building Managers' Association of Chicago and by a group of boards of education in suburban communities west and southwest of Chicago.

The immediate effect of this agreement is to provide for a five-cent increase in the present hourly wage of $1.35 (of which increase three cents is the value of six paid holidays not heretofore granted to custodial employees), and to reduce the working time of night janitors by a twenty-minute lunch period to be allowed within the work shift.

I have approved this agreement as being in accordance with the principles established by previous action of the Board.

On motion of Mr. Nickell, this agreement was approved.

CASE OF VIRGINIA KENNY

At this point, Mr. Livingston, in the absence of Dr. Karl A. Meyer, Chairman, made an informal report on a meeting of the Committee on Chicago Departments to consider the Kenny case (see Minutes, September 29, 1949, page 816).

After discussion, on motion of Mr. Hickman, the President of the University was requested to investigate this matter further in conference with the Committee on Chicago Departments.

OPEN SESSION

When the Board convened in open session after luncheon, the same members and officers were present as during the morning session.

APPOINTMENTS TO THE FACULTY MADE BY THE PRESIDENT OF THE UNIVERSITY

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

1. MARIE A. HINRICHS, Assistant Professor of Hygiene, beginning October 15, 1949, at an annual salary of $5,500.
2. HERBERT O. KUBLY, Associate Professor of Speech, beginning September 1, 1949, at an annual salary of $5,500.
3. WILLIAM H. MILLER, Assistant Professor of Music, on one-fourth time, beginning September 1, 1949, at an annual salary of $1,250.
4. GEORGE E. F. PICKARD, Associate Professor of Agricultural Engineering, beginning November 14, 1949, at an annual salary of $6,500.
5. HEINZ M. VON FOERSTER, Special Research Assistant Professor of Electrical Engineering, beginning September 1, 1949, at an annual salary of $5,000.

On motion of Mr. Livingston, these appointments were confirmed.

MATTERS PRESENTED BY PRESIDENT STODDARD

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

CANCELLATION OF LEAVE OF ABSENCE FOR ASSOCIATE PROFESSOR JOHN H. GARLAND

(1) Associate Professor John H. Garland of the Department of Geography was granted a sabbatical leave of absence on full pay for the second semester of 1949-1950 (Minutes, March 10, 1949, page 292). He has asked permission to postpone the leave until such time when he will be in a position to utilize more fully its benefits.

I recommend that his leave be cancelled without prejudice as to a future application.

On motion of Mr. Nickell, this leave was cancelled as recommended.

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

(2) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded the following who have made applications therefor under Section 5 of the Accountancy Act of 1943, and who have submitted evidence that they are holders of valid and unrevoked certificates of certified public accountants obtained in other states by passing the regular written examinations. They have also met the other requirements specified in Section 5 of the Act.

GEORGE HERBERT BREYER (N.C.) SAMUEL WILLIAM MCWILLIAMS (Ind.)
JOHN HARRY GILBY (N.Y.)

I concur.

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

LEGAL SERVICES FOR MEDICAL CENTER STEAM COMPANY

(3) The costs of the legal services required in setting up the Medical Center Steam Company and in financing the construction of the steam plant for the Chicago Professional Colleges are payable by the University. The firm of Isham, Lincoln, and Beale, Chicago, was employed for this purpose under arrangements between the Medical Center Steam Company and the Northwestern Mutual Life Insurance Company, which is financing the project.

The officers of the Medical Center Steam Company have submitted a report of legal services rendered to date and have asked the University's concurrence. The law firm desires to charge a fee which is entirely satisfactory to the University. This has been considered by the Legal Counsel and the Comptroller, who recommend that the University concur in a fee of $8,500 for services rendered through October 10, 1949. Of this total, $1,000 is related to the organization of the Company and $7,500 to financing. There will probably be some additional legal expense incidental to the final closing of the bond issue after construction is completed about July, 1951. These legal services will be paid for by the Medical Center Steam Company and no University appropriation is required at this time.

I recommend that the Board of Trustees concur in the payment of the proposed fee.

On motion of Mr. Herrick, the Board concurred in the payment of the proposed fee.

PAYMENTS TO LOCAL GOVERNMENTS IN LIEU OF TAXES

(4) An Act of the General Assembly of Illinois (Senate Bill 276, Sixty-sixth General Assembly), approved July 8, 1949, authorizes the Board of Trustees of the University to make payments to local governments in lieu of taxes on certain University properties. Pursuant to this act, the Legal Counsel has made agreements with the State's Attorneys of Champaign, Piatt, and De Kalb Counties to pay for governmental services in lieu of taxes. Payments were made covering the period 1944 through 1948 (of which $23,456.02 was the amount paid for 1948), on income-producing properties. A summary of the payments is presented for record:

Champaign County

On 128 residence properties constructed or purchased by the University for rental to staff	$20 977 10
On Kimmel farm, near Savoy, adjoining the University of Illinois Airport (This represents payments for the period 1944-1947. The land has now been turned over to the Athletic Association for use as a golf course so that it will no longer be taxable.)	1 421 56
On Arcade Building, 1944-1948 (This payment covers only the taxable area of the building, which is leased as a commercial restaurant.)	1 429 46

On Nally property, 1945-1948..... 135 83
(This property is at the corner of Wright Street and University Avenue and was acquired by the University, through a bequest, as an endowment of scholarships. The land is leased by the University to the Mid-Continent Petroleum Corporation which operates a filling station on it. The Corporation pays the taxes on the improvements.)
Total, Champaign County.....$23 963 95

Piatt County

On Allerton Farms, 1947-1948.....$10 004 90
(A credit of $1,309.01 was given for payments made by the University to Willow Branch Township for oiling roads which serve the Allerton Farms.)

De Kalb County

On Wright Farms, 1945-1948.....$ 7 451 24
Total.....$41 420 09

This report was received for record.

ANNUAL PAYMENTS TO INSTITUTE OF INTERNATIONAL EDUCATION

(5) The Institute of International Education was established in 1919 to provide needed services to foreign students, professors, and scholars desiring to study in the United States, as well as students and professors in American colleges and universities desiring to study abroad. Its leadership in stimulating exchanges of students between the United States and foreign countries is universally recognized.

Through the years the Institute has been supported largely by grants of funds from educational foundations. The demands on the Institute and its activities have developed to such an extent that it needs more financial support. An appeal has been made, on behalf of the Institute, to the colleges and universities which it serves to contribute annually to its support. Utilizing the Institute's services has resulted in financial savings to colleges and universities. In the case of the University of Illinois an annual contribution could be regarded as payment for services. An annual subscription of $300 has been suggested.

I recommend that such annual payments be authorized.

On motion of Mrs. Holt, this recommendation was approved.

APPROPRIATIONS OF ATHLETIC ASSOCIATION FUNDS

(6) The Board of Directors of the Athletic Association requests approval of its action in making the following assignments from surplus funds of the Association:

(a) Payment to the Alumni Association for services rendered, $3,000. This is in partial payment of the salary of a member of the Alumni Association staff who performs field services for the Athletic Association.

(b) Expenses of sending the University of Illinois band to the Iowa-Illinois game at Iowa City, Iowa, October 8, 1949, $10,000. The action of the Directors was " . . . an appropriation of $10,000 or as much thereof as might be needed . . . " The actual expense of this band trip was $2,408.76.

These funds were available for the purposes indicated and I recommend that the action of the Board of Directors be confirmed.

On motion of Mr. Livingston, these assignments were confirmed.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

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

Urbana-Champaign

1. Improvement of illumination in Civil Engineering drafting rooms... $ 7 500
2. Remodeling and improvements in building at 1206 W. Illinois Street (operated by the University in conjunction with the University Club of Urbana)..... 4 000

3. Purchase of microscopes for Department of Zoology		$ 7 647
4. Remodeling in Natural History Building		2 930
Changes in Paleobotanical Laboratory (105 and 105b Natural History Building)	$1 400	
Changes in Plant Physiology Laboratory (153 Natural History Building)	780	
Fireproofing of storage vault in basement of Natural History Building	750	
5. Remodeling Botany Annex and Natural History greenhouses		7 275
Total, Urbana-Champaign		$29 352

Chicago Professional Colleges

6. Remodeling of Room 166 of Dentistry, Medicine, and Pharmacy Building for the College of Pharmacy	$ 3 000
7. Remodeling Room 660 of Dentistry, Medicine, and Pharmacy Building for the College of Pharmacy	2 800
8. Remodeling quarters in the Dentistry, Medicine, and Pharmacy Building for the Department of Pharmacology, College of Medicine	3 000
Total, Chicago Professional Colleges	$ 8 800
Grand Total	$38 152

I concur.

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

CONTRACT FOR POWER PLANT EQUIPMENT

(8) Bids have been received for switchgear and incidental equipment in connection with the power plant addition in Urbana. The proposal covers the furnishing of five new switch panels and the conversion, reconditioning, and installation of new current transformers on twenty-one existing switch panels to increase interrupting capacity of the present installation. The conversion, reconditioning, and new current transformers for the existing switchgear is necessary because of the increase in the total generating capacity of the station.

Although advertisements were placed in two newspapers and three manufacturers were specifically invited to make proposals, only one bid of $66,266.40 was received. It is from the Allis-Chalmers Manufacturing Company of Chicago. This bid is subject to adjustment upward or downward in accordance with the prices in effect at the time of shipment not to exceed 10 per cent of the bid price. The architects for this project, Sargent and Lundy, believe that it is impossible to secure competitive bids for this work because of the necessity of matching the present installation and due to the fact that most of the work involved is on the conversion and reconditioning of the equipment manufactured by the Allis-Chalmers Manufacturing Company. They have analyzed the bid and compared it with similar bids on current work handled by their office of other manufacturers and are satisfied that the price quoted is fair and reasonable.

Funds are available for this work in the State Appropriation for the Power Plant addition in Urbana, subject to release of these funds by the Governor.

The Director of the Physical Plant Department and the Comptroller recommend the award of a contract to the Allis-Chalmers Manufacturing Company in accordance with their bid of $66,266.40 subject to an adjustment in price upward or downward at the time of shipment not to exceed 10 per cent of the price quoted.

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

On motion of Mr. Fornof, these recommendations were approved and authority was granted as recommended.

CONTRACT FOR ENGINEERING SERVICES ON REHABILITATION OF WATER SUPPLY SYSTEM IN THE RESEARCH AND EDUCATIONAL HOSPITALS

(9) The water system in the Illinois Surgical Institute of the Research and Educational Hospitals needs to be modernized and rehabilitated.

The Director of the Physical Plant Department and the Comptroller recommend the award of a contract to the firm of Neiler, Rich, and Bladen, Chicago, for engineering services on the rehabilitation of the hot and cold water systems at a fee of 8 per cent of the cost of the work covered by the construction contracts and any additional work required by the University. It is estimated that the fee will amount to approximately $2,500.

Funds are available.

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

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

CONTRACT FOR ENGINEERING SERVICES ON REPLACEMENT OF ELEVATORS IN THE RESEARCH AND EDUCATIONAL HOSPITALS

(10) Two elevators in the Research and Educational Hospitals must be replaced. Holabird and Root and Burgee, Architects and Engineers, Chicago, have submitted a proposal to do the engineering work, including preparation of plans and specifications, at a fee of 5 per cent of the cost of the replacement of the two elevators. The total fee is estimated to be $5,000.

Holabird and Root and Burgee are the architects for the new hospital addition and the work on this addition will involve considerable work in the present Research and Educational Hospitals. They will be able to coordinate the replacement of the elevators with the construction of the hospital addition.

Funds are available.

The Director of the Physical Plant Department and the Comptroller recommend award of a contract to Holabird and Root and Burgee for the engineering work on this project.

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

ADDITION TO CONTRACT FOR EAST CHEMISTRY BUILDING

(11) The Department of Chemistry requests that a vibration proof foundation be constructed in the basement of the East Chemistry Building on which to install a large compressor.

The Director of the Physical Plant Department and the Comptroller recommend an addition to the contract with the John Felmley Company in the amount of $1,759 (see Minutes, August 5, 1947, page 502).

Funds are available in the State appropriation for East Chemistry Building equipment for the 1949-1951 biennium. I concur and recommend that the Comptroller be authorized to execute this contract change.

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

COMPTROLLER'S REPORT OF CONTRACTS

(12) The Comptroller's report of contracts executed from September 11 to October 10, 1949 (see Appendix, page 935).

This report was received for record.

PURCHASES

(13) A report of (A) emergency purchases authorized and (B) purchases recommended (see Appendix, page 937).

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

LETTER FROM MR. R. G. SODERSTROM

Mr. Nickell presented a letter and resolution from Mr. R. G. Soderstrom, which had been sent to the members of the Board, concerning the work and policies of the Institute of Labor and Industrial Relations.

On motion of Mr. Nickell, the Secretary was requested to acknowledge receipt of this letter and to state that the Board hopes to meet all its obligations to its students and to all groups and interests in the State.

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 925).
2. Graduate fellows (page 927).
3. Resignations and declinations (page 928).
4. List of degrees conferred on October 15, 1949 (page 929).

On motion of Mr. Nickell, the Board adjourned to meet in November at the Chicago Professional Colleges.

H. E. CUNNINGHAM
Secretary

KENNEY E. WILLIAMSON
President

APPENDIX

APPOINTMENTS MADE BY THE PRESIDENT

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

ARKIN, JAMES, Instructor, Architecture (Undergraduate Division in Chicago) (½), academic year beginning September 1, 1949, $2370, supersedes (10-15-49).

BAZOLA, FRED N., Associate Professor, Crowns and Fixed Partial Dentures (Dentistry) (½), indefinite tenure beginning October 1, 1949, $3500 a year, supersedes (10-19-49).

BHATTACHARYYA, P. K., Special Research Assistant, Chemistry (Graduate College), ten months beginning October 1, 1949, $3000 (10-18-49).

BOFFO, LOUIS S., Assistant, Institute of Labor and Industrial Relations, September 16, 1949-January 31, 1950, $266.66 a month, supersedes (10-12-49).

BONNETT, ORVILLE T., JR., Assistant, Surgery (Medicine) (¾), ten months beginning September 1, 1949, $150 a month (10-15-49).

BRELAND, HERMAN L., Assistant and Special Research Assistant, Soil Fertility (Agronomy) (S), September 16, 1949-January 31, 1950, $283.34 a month, (½), seven months beginning February 1, 1950, $141.67 a month, supersedes (10-15-49).

BRIXEY, ALBIN M., JR., Clinical Assistant, Medicine (Medicine), September 24, 1949-August 31, 1950, without salary (10-14-49).

CUTLER, HOWARD A., Instructor, Economics, academic year beginning September 1, 1949, $4300, supersedes (10-19-49).

DOERR, DALE W., Assistant, Pharmacy (Pharmacy), nine months beginning October 1, 1949, $260 a month (10-15-49).

DRAGICH, ZORA, Research Associate, Bacteriology (Medicine) (74/100), ten months beginning September 1, 1949, $2500 (9-27-49).

DRISCOLL, MAE, Instructor, Physics (Undergraduate Division in Chicago), September 23, 1949-August 31, 1950, to render service during the academic year, $300 a month, supersedes (10-14-49).

EDWARDS, PHYLLIS, Music (⅓), Summer Session, 1949, two months beginning June 15, 1949, $223 (10-18-49).

ERKMAN, J. O., Special Research Assistant, Physics (C), five months beginning September 16, 1949, $270 a month (10-15-49).

ERSKINE, E. B., Professor, Hygiene, indefinite tenure, and Director, Health Service, one year, Undergraduate Division in Chicago, beginning September 1, 1949, $9000 a year, supersedes (9-27-49).

FEIN, GLORIA B., Research Assistant, Physiology (Medicine), one year beginning September 16, 1949, $2700 (10-14-49).

FISHER, MARVIN, JR., Special Research Assistant, Electrical Engineering (S) (½) (on Y basis), one year beginning September 1, 1949, and Teaching Assistant, Electrical Engineering (C) (½), nine months beginning September 16, 1949, $2800, supersedes (10-15-49).

FORT, M. K., JR., Assistant Professor, Mathematics (Liberal Arts and Sciences) (½), and Research Assistant Professor, Mathematics (Graduate College) (½), academic year beginning September 1, 1949, $4300, supersedes (10-18-49).

FRANKEL, SHERMAN, Special Research Associate, Physics (S), one year beginning September 1, 1949, $4200 (10-15-49).

FRIEDMAN, ELMER A., Clinical Instructor, Otolaryngology (Medicine), eleven months beginning October 1, 1949, without salary (10-14-49).

FRYE, BURTON J. C., Assistant, English, nine months beginning September 16, 1949, $2400 (9-26-49).

GOLLIN, HARVEY A., Clinical Assistant, Obstetrics and Gynecology (Medicine), eleven months beginning October 1, 1949, without salary (10-14-49).

GRACE, MRS. DAVID, Reserve House Director, ten months beginning September 1, 1949, $1250; also to be provided room valued at $100 a year (10-19-49).

GREENWALD, ARTHUR L., Instructor, English (Undergraduate Division in Chicago), five months beginning September 1, 1949, $300 a month (10-19-49).

HAAS, LEWIS, Assistant Professor, Radiology (Medicine), one year beginning September 1, 1949, $6000, supersedes (10-17-49).

HARFORD, DOROTHY B., Instructor, Psychology, and Associate Counselor, Student Counseling Bureau (Undergraduate Division in Chicago, September 10, 1949-August 31, 1950, $4000 a year (10-14-49).

HERFINDAHL, ORRIS C., Instructor, Economics, academic year beginning September 1, 1949, $4500, supersedes (10-19-49).

HILKER, GLORIA L. J., Assistant Professor, Hygiene, and Medical Adviser for Women (Undergraduate Division in Chicago) (⅔), one year beginning September 1, 1949, $4400, supersedes (9-29-49).

HINRICHS, MARIE A., Assistant Professor, Hygiene, and Medical Adviser for Women, October 15, 1949-August 31, 1950, $5500 a year (10-12-49).

HOWARD, LORN L., Special Research Assistant, Electrical Engineering (S), one year beginning September 1, 1949, $3800, supersedes (10-15-49).

JONES, RUDARD A., Research Associate Professor, Architecture (Architecture) (½), and Small Homes Council (½), one year beginning September 1, 1949, $6600, supersedes (10-15-49).

JULIAN, ORMAND C., Clinical Assistant Professor, Surgery (Medicine) (⅔), one year beginning July 1, 1949, $1800, supersedes (10-15-49).

KAUFMAN, JEROME D., Clinical Assistant, Obstetrics and Gynecology (Medicine), eleven months beginning October 1, 1949, without salary (10-14-49).

KIRKPATRICK, MRS. ALICE C., Instructor, Business Law (Business Organization and Operation), academic year beginning September 1, 1949, $3600 (10-12-49).

KLAPPERICH, A. J., Instructor, Physics (Undergraduate Division in Chicago), September 23, 1949-August 31, 1950, to render service during the academic year, $375 a month, supersedes (10-14-49).

KUBLY, HERBERT O., Associate Professor, Speech, indefinite tenure beginning September 1, 1949, to render service during each academic year, $5500 a year (10-5-49).

LANGDON, JOHN C., Externe, Clinical Psychology (Student Counseling Bureau), one year beginning September 1, 1949, $2200 (10-12-49).

LATHAM, ORA F., Instructor, Mathematics (Undergraduate Division in Chicago), five months beginning September 1, 1949, $425 a month (10-14-49).

LAUGHLIN, JOHN S., Assistant Professor, Radiology, Radiation Physicist (Medicine), eleven months beginning October 1, 1949, $633.33 a month, supersedes (10-18-49).

LEGRAND, DOROTHY L., Assistant, Home Economics (C & S), nine months beginning September 16, 1949, $3500 (10-15-49).

LINDSAY, JAMES E., JR., Assistant, Radiology (Medicine), one year beginning September 1, 1949, $3300 (10-14-49).

MADISON, MARCIA M., Research Assistant, Pediatrics (Medicine), one year beginning September 1, 1949, $3000 (10-18-49).

MALONE, ANTHONY J., Instructor, Graduate Pedodontia (Dentistry), eleven months beginning October 1, 1949, $300 a month (10-18-49).

MANNING, JOHN J., Clinical Assistant, Medicine (Medicine), September 20, 1949-August 31, 1950, without salary (10-15-49).

MCCALL, B. C., Instructor, Social Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1949, $3500 (10-14-49).

MEYER, JULIA, Research Associate, Oral Pathology (Dentistry), three months beginning October 1, 1949, $350 a month (10-14-49).

MILLER, WILLIAM H., Assistant Professor, Music (¼), academic year beginning September 1, 1949, $1250 (10-17-49).

MOHAN, JAMES T., Assistant, Social Science (Division of General Studies), nine months beginning September 16, 1949, $2600, supersedes (10-15-49).

OLECH, ELI, Associate Professor, Oral and Maxillofacial Surgery, and Director, Minor Oral Surgery (Dentistry) (½), indefinite tenure beginning October 1, 1949, $3750 a year, supersedes (10-18-49).

OSGOOD, BESS G., Research Associate, Physiology (Graduate College), one year beginning September 1, 1949, $5500 (10-15-49).

PHINNEY, PAUL B., Assistant, Physiology, nine months beginning September 16, 1949, $2400, supersedes (10-18-49).

PICKARD, GEORGE E. F., Associate Professor, Agricultural Engineering (C) (½), to render service during the academic year, and (S) (½), November 14, 1949-August 31, 1950, $6500 a year (10-19-49).

PRICE, PAUL W., Instructor, Music, academic year beginning September 1, 1949, $3000, supersedes (10-12-49).

QUESTIAUX, LILLIAN M., Instructor, Physical Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1949, $3400 (10-18-49).

QUETSCH, MARIAN F., Instructor, Physical Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1949, $3200 (10-18-49).

RICKETTS, ROBERT, Instructor, Orthodontia (Dentistry), one year beginning September 1, 1949, $3000, supersedes (9-27-49).

RIDDELL, JOSEPH M., JR., Assistant, Dermatology (Medicine), eleven months beginning October 1, 1949, without salary (10-15-49).

SADOVE, M. S., Associate Professor, Anesthesia, and Head of the Division of Anesthesia (Surgery) (Medicine) (95/100), indefinite tenure beginning September 1, 1949, $11,000 a year, supersedes (10-18-49).

SANFORD, C. W., Professor, Education, indefinite tenure, and Associate Dean of the College of Education, one year, and Coordinator of Teacher Education (½), University of Illinois, and (½), Office of the State Superintendent of Public Instruction, one year, beginning September 1, 1949, $8750 a year, supersedes (10-1-49).

SCHWEITZER, ALBERT W., Instructor, Pathology (Rush) (Medicine) (¼), one year beginning September 1, 1949, $1000 (10-18-49).

SMITH, DOUGLAS B., Instructor, Economics, academic year beginning September 1, 1949, $4000, supersedes (10-19-49).

SPROW, MRS. CLEMENTINE H., Circulation Assistant, Library, September 26, 1949-August 31, 1950, $233.33 a month (10-14-49).

STAUB, ALFRED, Postdoctoral Research Assistant, Chemistry (Graduate College), one year beginning October 1, 1949, $3600 (10-15-49).

STEWART, GORDON S., Assistant Professor, Biological Chemistry (Rush) (Medicine) (½), academic year beginning September 1, 1949, $2675, supersedes (10-5-49).

STONE, ELIZABETH, Electroencephalographer, Psychiatry (Medicine), eleven months beginning October 1, 1949, to render service during the academic year, $220 a month (10-15-49).

TAAFFE, EDWARD J., Instructor, Social Sciences (Undergraduate Division in Chicago) (⅔), academic year beginning September 1, 1949, $2100 (10-14-49).

THOMAS, JAMES H., Assistant, Agricultural Engineering (S), September 16, 1949-January 31, 1950, $220 a month, and (½) February 1, 1950-June 15, 1950, $110 a month (10-15-49).

THURSTON, ERIC W., Clinical Instructor, Pathology (Medicine), eleven months beginning October, 1949, without salary (10-14-49).

VERSEN, WALTER G., Assistant, Physical Education for Men (Undergraduate Division in Chicago), nine months beginning September 16, 1949, $2900 (10-18-49).

VON FOERSTER, HEINZ M., Special Research Assistant Professor, Electrical Engineering (S), one year beginning September 1, 1949, $5000 (10-17-49).

WERELIUS, CARL Y., Clinical Assistant, Surgery (Medicine), eleven months beginning October 1, 1949, without salary (10-15-49).

WEST, VINCENT I., Assistant, Agricultural Economics (S), one year beginning September 1, 1949, $4500, supersedes (10-14-49).

WHITESIDE, EUGENE P., Associate Professor, Soil Physics (Agronomy) (C) (⅕), to render service during each academic year, and (S) (⅘) (on Y basis), indefinite tenure beginning November 1, 1949, $6500 a year, supersedes (10-15-49).

GRADUATE FELLOWS

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

CAZORT, RALPH J., Research Fellow, Pharmacology (Medicine), ten months beginning September 1, 1949, $1000 (10-14-49).

EILAR, KENDRICK R., Postdoctoral Fellow, Chemistry (Graduate College, nine months beginning September 1, 1949, $3000 (10-15-49).

GREEN, MARY J., Florence L. White Fellow, Economics, nine months beginning September 16, 1949, $700 (9-30-49).

HIOCO, DESYR, Research Fellow, Allergy (Medicine), six months beginning October 1, 1948, $300 a month (10-14-49).

KRUP, MAX, Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1949, $3600 (10-15-49).
LABOW, JULIEN A., Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1949, $1500 (10-14-49).
LEGATOR, MARVIN, Upjohn Fellow, Horticulture, September 15, 1949-August 31, 1950, $1150 (9-22-49).
LEIVA, JOSE OSCAR, Research Fellow, Orthodontia (Dentistry), ten months beginning September 1, 1949, $125 a month (10-18-49).
MACFARLANE, DAVID W., Roche Fellow, Pharmacology (Medicine), eleven months beginning October 1, 1949, $1650 (10-14-49).
NOWLIN, GENE, DuPont Postdoctoral Fellow, Chemistry, nine months beginning October 1, 1949, $3000 (10-15-49).
RIDLER, DUNCAN, Booth Fellow, Agricultural Economics, nine months beginning September 16, 1949, $1500 (9-27-49).
ROBERTSON, CHARLOTTE, Research Fellow, Clinical Science (Medicine), four months beginning June 1, 1949, $1080 (1014-49).
STALLMEYER, JAMES E., Standard Oil Company Fellow, Civil Engineering, September 16, 1949-January 31, 1950, $750 (10-5-49).

RESIGNATIONS AND DECLINATIONS

ANSTEY, T. H., Assistant Professor, Pomology (Horticulture) (S & E) — declination effective 9-1-49.
BURDON, JOHN, Assistant, Anesthesia (Surgery) (Medicine) — declination effective 7-1-49.
DANA, MRS. ANN S., Assistant, Animal Nutrition (Animal Science) (S) — declination effective 9-1-49.
FAINER, DAVID C., Research Fellow, Clinical Science (Medicine) — resignation effective 9-1-49.
GRAHAM, JOHN W., Special Research Associate, Ceramic Engineering (S) — resignation effective 10-16-49.
GREEN, G. H., Special Research Assistant, Mechanical Engineering (S) — declination effective 9-1-49.
GREEN, MORRIS, Assistant, Pediatrics (Medicine) — declination effective 7-1-49.
HALL, LUCILLA J., Instructor, Speech — resignation effective 9-1-49.
HARDRE, RENE, Instructor, Pathology (Rush) (Medicine) — declination effective 9-1-49.
HARTMAN, MRS. EDITH, Instructor, Physical Sciences (Undergraduate Division in Chicago) — resignation effective 9-1-49.
HINTON, MARY L., Bibliographer, rank of Instructor, Library — resignation effective 9-20-49.
HOWARD, WILLIAM A., Fellow, Mathematics — resignation effective 9-16-49.
HU, HAN CHUAN, Special Research Associate, Electrical Engineering (S) — resignation effective 10-1-49.
HURT, A. E., Instructor, Business Law (Business Organization and Operation) — declination effective 9-1-49.
JACOBSON, MARVIN, United States Public Health Service Research Fellow, Applied Materia Medica and Therapeutics (Dentistry) — declination effective 5-1-49.
KATZ, ROBERT, Special Research Associate, Physics (S) — resignation effective 9-1-49.
KIRKPATRICK, BERNARD F., Instructor, Business Law (Business Organization and Operation) — resignation effective 9-1-49.
MCCREIGHT, LOUIS R., Special Research Associate, Ceramic Engineering (S) — resignation effective 11-11-49.
MCNAMARA, R. A., Instructor, Mechanical Engineering (C) — declination effective 9-1-49.
MUNSEY, F. A., Assistant, Pediatrics (Medicine) — declination effective 9-1-49.
PROCTOR, LAURA M., Fellow, English — resignation effective 9-16-49.
SPENCER, WILLIAM F., Assistant, Soil Physics (Agronomy) (S) — resignation effective 10-10-49.
STONE, G. P., Instructor, Social Sciences (Undergraduate Division in Chicago) — declination effective 9-1-49.

TEITELMAN, S. L., Clinical Assistant, Surgery (Medicine) — declination effective 9-1-49.
TINSLEY, MILTON, Assistant Professor, Neurological Surgery (Neurology and Neurological Surgery) (Medicine) — resignation effective 10-1-49.

DEGREES CONFERRED OCTOBER 15, 1949

Summary

Degrees in the Graduate College:	
Doctor of Philosophy	73
Doctor of Education	5
Master of Education	2
Master of Arts	21
Master of Science	31
Master of Fine Arts	2
Total, Graduate College	134
Degrees in Law:	
Bachelor of Science	1
Bachelor of Laws	2
Total, Law	3
Baccalaureate Degrees:	
Bachelor of Science, College of Agriculture	4
Bachelor of Arts, College of Liberal Arts and Sciences	6
Bachelor of Science, College of Liberal Arts and Sciences	7
Bachelor of Science, College of Education	1
Bachelor of Science, College of Commerce and Business Administration	4
Bachelor of Science, College of Fine and Applied Arts	2
Bachelor of Science, Division of Special Services for War Veterans	11
Total, Baccalaureate Degrees	35
Total, Degrees Conferred	172

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Agricultural Economics

THOMAS APPLEGATE HIERONYMUS, B.S., Illinois State Normal University, 1941; M.S., 1947

In Animal Science

RICHARD FERRIN WILSON, B.S., Iowa State College, 1943; M.S., 1947

In Ceramic Engineering

JAMES ADAMSON CROOKSTON, B.S., M.S., Missouri School of Mines and Metallurgy, 1942, 1946

In Ceramics

JAY EUGENE COMEFORO, B.S., M.S., Rutgers University, 1944, 1946

In Chemical Engineering

HORACE ANTHONY CATALDI, B.Ch.E., College of the City of New York, 1940; M.S., 1947
DONALD STRONG SCOTT, B.S., M.S., University of Alberta, 1944, 1946

In Chemistry

HUGH VERITY ANDERSON, A.B., Kalamazoo College, 1943
ERIC BARTHEL, JR., B.S., Bradley Polytechnic Institute, 1943; M.S., 1947
ROBERT EDWARD BERRY, B.S., Brown University, 1944; M.S., 1947
ROGER ELDON BEYLER, A.B., North Central College, 1944; A.M., 1947
PRABHAT KUMAR BHATTACHARYYA, B.S., Presidency College (Calcutta), 1941; M.S., University of Calcutta, 1943

THEODORE EDWIN BOCKSTAHLER, A.B., Indiana University, 1942; M.S., 1947
JOSEPH HENRY BOYER, A.B., Hanover College, 1942
WARREN WILLIAM BRANDT, B.S., Michigan State College, 1944
LORENZO WORTH BURDETT, B.S., University of Idaho, 1943
EMMETT H. BURK, JR., B.S., Arkansas State College, 1942
JOHN B. CAMPBELL, B.S., University of Kansas, 1947
BODIE EUGENE DOUGLAS, B.S., M.S., Tulane University, 1943, 1947
HERBERT SAMUEL ELINS, B.S., Franklin and Marshall College, 1943; M.S., 1947
DONALD LOUIS FELLEY, B.S., Arkansas State College, 1941; M.S., 1947
JOSEPH RUDNICK GORDON, A.B., Amherst College, 1944
WILLIAM EARL HAMLIN, A.B., Lawrence College, 1944; M.S., 1947
RICHARD EDWIN HECKERT, A.B., Miami University, 1944; A.M., 1947
CHARLES GEORGE HUMISTON, B.S., Alma College, 1939
RICHARD GUY INSKEEP, A.B., Miami University, 1944; M.S., 1947
DUDLEY DAVIS KIMPTON, B.S., M.S., Case School of Applied Science, 1945, 1946
GLENDALL LEE KING, B.S., 1947
RUPERT EDWIN LIGHT, JR., B.S., Virginia Polytechnic Institute, 1941; M.S., 1946
CLIFFORD DANIEL MARSHALL, B.S., Southern Methodist University, 1942
ANTON MUDRAK, B.S., M.S., 1938, 1947
NILS KEITH NELSON, B.S., Missouri School of Mines and Metallurgy, 1946; M.S., 1947
JOHN PETER PELLEGRINI, JR., B.S., Yale University, 1946; M.S., 1947
RUTH CHARLOTTE PIERLE, A.B., University of Cincinnati, 1945; A.M., 1947
JAMES EARL REINSCHREIBER, B.S., 1944
MORTON ROTHSTEIN, A.B., University of British Columbia, 1946; M.S., 1947
YODER FULMER SHEALY, B.S., University of South Carolina, 1943
DONALD JAMES SHIELDS, B.S., Lafayette College, 1943
STANLEY HAROLD SIMONSEN, A.B., Iowa State Teachers College, 1940; M.S., 1947
ROBERT STEACY SPRAGUE, B.S., Washington and Jefferson College, 1943
SAMBASIVA SWAMINATHAN, B.S., A.M., Annamalai University, 1943, 1945
PETER ALBERT TAVORMINA, B.S., Polytechnic Institute of Brooklyn, 1943; M.S., 1947
CRAYTON BEVILLE THOMPSON, B.S., University of Texas, 1942; M.S., 1947
FRANK VERBANAC, B.S., Wayne University, 1941; M.S., 1947

In Civil Engineering

ROMILOS TEODOSIADIS, B.S., Robert College, 1945; M.S., 1947
LEONARDO ZEEVAERT, C.E., University of Mexico, 1937; M.S., Massachusetts Institute of Technology, 1941

In Classics

CARROLL EUGENE SIMCOX, A.B., University of North Dakota, 1933; B.D., Oberlin College, 1936; A.M., 1944

In Dairy Science

GEORGE WILMER REINBOLD, B.S., Pennsylvania State College, 1942; M.S., 1947

In Economics

RICHARD JACK TEWELES, B.S., M.S., 1946, 1948

In Education

MARTIN CURTIS HOWD, JR., B.Ed., Western Illinois State College, 1929

In Electrical Engineering

JOHN HAROLD BRYANT, B.S., Agricultural and Mechanical College of Texas, 1942; M.S., 1947
HAN CHUAN HU, B.S., Chiao Tung University, 1940; M.S., University of Michigan, 1941
ARTHUR WU-NIEN LO, B.S., Yenching University, 1938; A.M., Oberlin College, 1946
CLEVE CRUMBY NASH, JR., B.S., M.S., Agricultural and Mechanical College of Texas, 1932, 1933

In English

JAMES LOUIS JACKSON, A.B., A.M., 1938, 1940
LEWIS MALCOLM MAGILL, JR., A.B., Illinois Wesleyan University, 1934; A.M., 1943
GLYN NICHOLAS THOMAS, A.B., A.M., 1942, 1946

In Entomology

PEH-I CHANG, B.S., National Central University, 1941; M.S., 1946

In Geology

BENJAMIN GROTE, B.Ed., Western Illinois State College, 1928; A.M., 1934
KARL JOSEPH KOENIG, B.S., M.S., 1941, 1946

In History

FREDERICK ALEXANDER PALMER, A.B., State College of Washington, 1941; A.M., 1946

In Mathematics

DWIGHT BENJAMIN GOODNER, A.B., William Penn College (Iowa), 1934; A.M., Haverford College, 1935

In Metallurgical Engineering

GLEN WILLIAM WENSCH, B.S., M.S., 1946, 1947

In Philosophy

THOMAS MORRIS HAYNES, A.B., Butler University, 1941; A.M., 1949

In Physical Education

PAUL ALFRED HUNSICKER, B.S., Syracuse University, 1939; M.P.E., Springfield College, 1941
HENRY JOSEPH MONTOYE, B.S., Indiana University, 1943; M.S., 1947

In Physics

LEON BESS, B.S., M.S., 1942, 1946
SHERMAN FRANKEL, A.B., Brooklyn College, 1943; M.S., 1947
HERBERT ERNEST KUBITSCHEK, B.S., University of Chicago, 1942; M.S., 1947

In Physiology

RAY LEROY HAYS, A.B., M.S., 1941, 1947

In Theoretical and Applied Mechanics

STANLEY IRWIN WEISS, B.Aero.E., M.Aero.E., Rensselaer Polytechnic Institute, 1945, 1947
CHIA-SHIANG YEN, B.S., National Central University, 1939; M.S., 1946

In Zoology

JOHN ARTHUR SEALANDER, JR., A.B., Luther College, 1940; M.S., Michigan State College, 1942
RALPH MARTIN WETZEL, B.Ed., Western Illinois State College, 1938; M.S., 1939

Professional Degrees

Degree of Doctor of Education

RONALD WILLIAM CLARK, B.S., 1927; A.M., University of Chicago, 1932
VYNCE ALBERT HINES, B.S., M.S., 1933, 1937
DONALD MARTIN SHARPE, A.B., Monmouth College, 1930; A.M., University of Chicago, 1935; Ed.M., 1941
DON FREDERICK THOMANN, A.B., A.M., University of Chicago, 1938, 1941; Ed.M., 1947
RAYMOND G. WILSON, B.S., Memphis State College, 1933; Ed.M., Duke University, 1942; Ed.M., 1946

Degree of Master of Education

SUE CHARLOTTE CRAIN, B.Ed., Southern Illinois University, 1938; M.S., 1945
EVELYN MILDRED LUECKING, A.B., Harris Teachers College, 1943; A.M., Ohio State University, 1947

Degree of Master of Arts

In Economics

FREDERICK PLUMMER CURRIER, JR., A.B., 1948
ROY WILBUR JAKLE, A.B., Eureka College, 1948
LAVERNE ARLINE KRUEGER, A.B., Rockford College, 1944
MING-CHE LEE, B.S., M.S., National Central University, 1944, 1948
ERCELL VENARD PULLEY, B.Ed., Southern Illinois University, 1942
MARGARET ANNE ROBBINS, A.B., 1945
STEPHEN THEODORE WORLAND, A.B., 1947

In Education

JENNIE LOUISE YOUNG, B.Ed., Southern Illinois University, 1942

In English

JOHN CHRISTIAN BALE, A.B., Concordia College, 1948
SARAH ANN LASERSOHN FELDNER, A.B., Antioch College, 1946
DOROTHY ANN GROSS, A.B., Mt. Holyoke College, 1947
LYDA ECKE LAPALOMBARA, A.B., 1945
CHARLES MASON, A.B., LeMoyne College, 1948
CLARE HALL MURRELL, A.B., 1941

In History

ALTHEA LUCILLE STOECKEL, A.B., Shurtleff College, 1942

In Labor and Industrial Relations

SEYMOUR CHALFIN, A.B., George Washington University, 1948
EVA GABRIELE COHN, B.B.A., University of Georgia, 1948
PETER BLOCK LIVERIGHT, A.B., Goddard College, 1943

In Political Science

JOHN ALLEN APPLEMAN, A.B., 1933
WEN-PIN CHEN, A.B., National Wu-Han University, 1941

In Psychology

WILLIAM E. BROBERG, B.S., 1948

Degree of Master of Science

In Accountancy

JOSEPH EARL CARRICO, B.S., Miami University, 1948

In Agricultural Economics

WILLIAM JAMES FOREMAN, B.S., University of Arkansas, 1947

In Animal Science

GRANT WILSON SHERRITT, B.S., Iowa State College, 1948

In Ceramic Engineering

ROBERT BRYSON DAY, B.S., 1938
RAYMOND CARLYLE WOMELDORPH, B.S., Virginia Polytechnic Institute, 1942

In Chemical Engineering

ALBERT LESLIE BABB, B.A.Sc., University of British Columbia, 1948
RANDAL EMERY BAILEY, B.Ch.E., Ohio State University, 1942
MARVIN ARTHUR PROSCHE, B.S., University of Notre Dame, 1947

WALTER LEE ROBB, B.S., Pennsylvania State College, 1948
KLAUS DIETER TIMMERHAUS, B.S., 1948

In Chemistry

CLIFFORD OLIVER NYMAN, B.S., 1947

In Clinical Psychology

NADINE FERGUSON, A.B., Washington University, 1947
SYLVIA FRIEDMAN, A.B., Brooklyn College, 1947
MARJORIE ANN PFEIFFER, A.B., University of Maryland, 1947

In Dairy Science

MYROSLOW PURKO, B.S., 1948

In Education

ROBERT HUNSAKER GOURLEY, B.S., 1947
HANAKO HANNAH IKEDA, B.S., Milwaukee State Teachers College, 1947
HARRY ARTHUR KUPPERMAN, LL.B., De Paul University, 1933
MELVIN TORCH, B.S., 1948

In Electrical Engineering

HERMAN EDWARD KOENIG, B.S., 1947
HARRY RICHARD ROBBINS, B.S., 1947

In Geology

WILLIAM NATHAN GREGG, JR., B.S., 1947

In Journalism

JAY WALBOURNE JENSEN, A.B., Emory University, 1948

In Library Science

THOMAS EDWARD RATCLIFFE, JR., A.B., University of North Carolina, 1934; B.S.(L.S.), 1940
PAUL WALTER WINKLER, B.Ed., Illinois State Normal University, 1939; B.S. (L.S.), 1941

In Speech Correction

FERN NIGHTINGALE TURNER, A.B., 1945

In the Teaching of Biological Science and General Science

FRANK JEFFERSON LANIER, JR., A.B., Fisk University, 1948

In Theoretical and Applied Mechanics

ROYCE ELLIOTT BECKETT, B.S., 1944
ARTHUR PETER BORESI, B.S., 1948
THADDEUS MUSSER ELSESSER, B.S., 1945

In Zoology

PHILIP WAYNE SMITH, A.B., 1948

Degree of Master of Fine Arts

In Painting

RUDOLPH JOHN CARRASCO, B.F.A., Wittenberg College, 1948
GEORGE NORTON FOSTER, B.F.A., 1940

COLLEGE OF LAW

Degree of Bachelor of Science

In Law

RICHARD ZIMBEROFF

Degree of Bachelor of Laws

HOWARD SAWYER BJELLAND, A.B., Aurora College, 1947
MILTON GASSEL, B.S., 1947

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

JOSEPH IRICK IFTNER, with Honors

DEAN FRANKLIN JOHNSON, with Honors

In Dairy Technology

RICHARD PAUL RUECKERT

In Home Economics

JANETTE MAGUIRE DILLAVOU

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

VERA AMELIANOVICH
ELLEN SONYA CONOVITZ
MARY JANE CRAMER
CHARLES ISENBERG
WILLIAM MAGILL KEELAN
CAROL JEAN PALBICKE

Degree of Bachelor of Science

In Liberal Arts and Sciences

LESTER LOUIS BURACK
ELAINE MARIE GEORGEFF
CLIFFORD WALLACE GOTAAS
JEANNE PATRICIA OLIVER
CHARLENE PALMAN
HOWARD LEE WALKER
EDWARD KEITH WARDRIP

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

ELIZABETH FUNDERBURK

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

JOHN STRATTON MARTHALER

In Management

BARRY MARSHALL SPAK

In Management and Marketing

BOBBY DAVE GRUNDEN

In Marketing

ALBERT IRA ROSENBERG

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architectural Engineering

CARLISLE ELLSWORTH EVANS

In Architecture

ROBERT GEORGE KNOPP

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

LEM DAVIS CALLAHAN
THOMAS FRANCIS CONLEY
ROBERT MORRISON DAVISON
JAMES MILTON DIEHL
ROBERT GENE GRAHAM
HAROLD EDWARD HENDERSON

CARL ALBERT LUNDGREN, JR.
THOMAS CHARLES MARSTERS
JOHN CALDWELL SHAW
SAUL ALBERT VIESS
JAMES WALTER WERSTLER
BRYAN R. WEST

REPORT OF COMPLIANCE OF REPUBLIC COAL AND COKE COMPANY WITH CONTRACT SPECIFICATIONS FOR COAL DELIVERED TO ABBOTT POWER PLANT DURING MONTH OF SEPTEMBER, 1949

Coal contracts specified 2,700 tons of coal to be delivered during the month of September; however due to the miners' three-day work week slow down and the strike, which was effective on September 19, 1949, only 2,073.4 tons were delivered.

Coal samples for each of the three weeks in which coal was delivered were sent to the State Geological Survey in Urbana for analysis, and were found to fall within the limits of the specifications as set forth in the contract. No premiums or penalties were necessary. Although the contract does not include penalties or premiums for moisture content of coal, it does include a maximum guaranteed moisture content. Due to the drier at the mine being out of order, the coal delivered had a moisture content above the guarantee. Negotiations are now in process for an adjustment of this discrepancy.

The following table is a comparison between the guaranteed analysis with the actual analysis as determined by the State Geological Survey:

Coal Characteristics	*Guaranteed Analysis*	*Actual Analysis 9/1–6/49*	*Actual Analysis 9/7–13/49*	*Actual Analysis 9/14–22/49*
Moisture	11.7%	12.3%	14.5%	13.1%
Ash	7.7–9.7%	9.3%	9.1%	8.6%
Sulphur	1.8–3.8%	3.14%	3.06%	2.97%
B.T.U./lb.	12887–13413	13205	13288	13383
Per cent Fines	0–22%	not checked	15.66%	13.97%

The above analyses were again used as a basis for calculating the heat value received for one cent and they appear to compare very favorably with that calculated at the time the contract was awarded. The B.T.U./cent at the time of contract award was 45,937. The average B.T.U./cent from analyses 45,603. This is less than 0.8% variation from that used as a basis of award. The nearest competitor, at the time of award, offered only 41,800 B.T.U./cent.

Rough calculation from operating data (which has not been checked by closely controlled boiler efficiency tests) shows that operation with Republic Coal and Coke Company coal under contract gives an evaporation of approximately eight pounds of steam per pound of coal, whereas operation with coal of the nearest competitor, the Bell and Zoller Coal Company, Murdock mine, gives only seven pounds of steam per pound of coal. Burning an average of 150 tons of coal a day of Bell and Zoller Company coal would only amount to 131.25 tons of Republic Coal and Coke Company coal or a saving of 18.75 tons a day. ($18.75 \times \$4.954/\text{ton} = \$92.89$).

We believe that the burning tests and coal analysis made to date have entirely justified our recommendation of the Republic Coal and Coke Company over the other bidders.

GORDON V. CARLSON
Superintendent of Utilities
Physical Plant Department

October 6, 1949

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED SEPTEMBER 11 TO OCTOBER 10, 1949

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
War Department, Corps of Engineers	Contract No. W-15-029-eng-1623	$ 5 450 00	June 21, 1949
U.S. Atomic Energy Commission	Contract No. AT-(40-1)-282	12 740 00	July 1, 1949
War Department, Headquarters Fifth Army	Contract No. W-11-175-TNG(AAV)-237	4 557 00	June 21, 1948

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
War Department, Headquarters Fifth Army	Contract No. W-11-175-TNG(AAV)-239	3 720 00	June 21, 1948
Navy Department, Office of Naval Research	Contract No. N6 ori-07125	11 500 00	August 17, 1949
E. R. Squibb and Sons	Cooperative investigation covering research on "Striated muscle relaxants"	4 000 00	May 1, 1949
Smith, Kline, and French Laboratories	Research work on muscular relaxation with aid of synthesized drugs, known and new	9 350 00	August 1, 1949
American Society of Heating and Ventilating Engineers	Psychological adjustments of human beings to rapid changes in environment	6 500 00	July 1, 1949
Northern Illinois Utilities Co.	Transmission line right-of-way agreement, De Kalb County	225 00	September 19, 1949
Illinois Commercial Telephone Co.	Right-of-way agreement on Allerton Park property	1 00	September 19, 1949
Norris Electric Cooperative	Construct electric power transmittal line in Richland County	None	August 1, 1949
Medical Center Steam Co. and City of Chicago	Acceptance of ordinance and assignment of ordinance concerning the Medical Center Steam Company	1 00	August 5, 1949

With Whom	*Purpose*	*Amount to be Paid by the University*	*Date*
National Arts Foundation, Inc.	Forty-five minute lecture by Mary Garden to School of Music students and faculty only	$ 300 00	July 2, 1949
G. R. Grubb and Co.	Photoengraving for year July 1, 1949, to June 30, 1950	3½¢ per unit	July 1, 1949
Baldwin Locomotive Works	Use of wire type strain gage	None	June 29, 1949
Pitney-Bowes, Inc.	Monthly machine inspection	24 00	August 1, 1949
Medical Center Steam Co.	Furnish steam service to Medical Center District	None	July 1, 1949
Illinois Power Co.	Lighting and power requirements of the 4-H Memorial Camp at Robert Allerton Park	For electricity used	July 14, 1949
Circulating Exhibit of Museum of Modern Art	Exhibit at Navy Pier	80 00	October 3, 1949
E. Todd Wheeler	Personal services, consulting architect, one-half time, one year	5 500 00	July 1, 1949
White Line Laundry and Model Laundry Co.	Laundry service, September 1, 1949, to June 30, 1951	Per schedule	September 1, 1949
Cook County School of Nursing	Provisions for formation of Cook County School of Nursing	Per schedule	

Adjustments in Authorizations Issued Prior to August 11, 1949, Under Cost-Plus Standing Contracts

With Whom	*Purpose*	*Amount*
Lewis S. Colbert	Twelve adjustments	$2 190 06[1]
Reliable Plumbing and Heating Company	Eleven adjustments	876 39[1]
Schroeder's	One adjustment	140 27[1]
Square Deal Electric Company	Five adjustments	471 26[1]

Report of Contract Changes Executed

With Whom	*Purpose*	*Amount*	*Date*
Kuhne-Simmons Co.	Staff housing, Race and Florida construction	$4 019 47	September 9, 1949

[1]Deduct.

PURCHASES

A. Purchases Authorized

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

Item	*Department*	*Vendor*	*Cost*
Five c.c. Tritium (H_3) radioactive diluted with normal hydrogen	Physics	U.S. Atomic Energy Commission, Chicago	$1 315 00 f.o.b. Chicago

B. Purchases Recommended

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

Item	*Department*	*Vendor*	*Cost*
Two petrographic microscopes, complete with 4C mm., 16 mm., and 4 mm., acromatic objectives, 6x and 8x Huyghenian eyepieces, 120 mm. diameter ball bearing stage, complete with accessories and cases	Geology	W. H. Kessel & Co., Chicago	$2 420 00 f.o.b. Urbana (1,210 each)
190 No. 5687 Tung-Sol JAN inspected tubes	Graduate College, Computer	Tung-Sol Lamp Works, Inc., Newark, N.J.	1 045 00 f.o.b. Newark
Two 20-gallon capacity (four 5-gallon cans) bulk milk dispensers; 30 5-gallon milk cans for use with above; 2 cartons tubes for use with above	Residence Halls	Norris Beverage Dispenser, Inc., Minneapolis, Minn.	1 526 00 f.o.b. Minneapolis
One diorama occupying 2 units, each unit of an approximate size of 23" x 46" x 34", to show a land and marine habitat with land dinosaurs, pterodactyls and marine plesiosaurs; complete diorama to be delivered and installed	Museum of Natural History	Paul Marchand, Ebenzer, N.Y.	1 200 00
One model "MS" Cleveland folder (to replace a Cleveland folder that has been in use since 1919)	Print Shop	Dexter Folder Co., Chicago	7 720 00 f.o.b. Pearl River, N.Y.
2,640 lbs. acetic acid, c.p. reagent; 14,760 lbs. hydrochloric acid, c.p. reagent; 10,220 lbs. nitric acid, c.p. reagent; 23,400 lbs. sulphuric acid, c.p. reagent; 5,880 lbs. ammonium hydroxide, c.p. reagent	General Chemical Stores	J. T. Baker Chemical Co., Chicago	8 528 72
500 vials, aqueous procaine penicillin, 10 cc., 300,000 u./c.c.	Research and Educational Hospitals Pharmacy	Wyeth, Inc., Chicago	1 150 00
9,000 reams No. 4 bleached white 16 lb. sulphite mimeograph paper 8 3/8" x 10 7/8"; 1,000 reams No. 4 bleached white 16 lb. sulphite mimeograph paper 8 3/8" x 13 7/8"	Chicago Professional Colleges and Chicago Undergraduate Division General Stores	Messinger Paper Co., Chicago	5 045 00
29,064 board feet No. 1 S4S kiln dried fir lumber	Physical Plant	Edward Hines Lumber Co., Chicago	2 520 50 f.o.b. Urbana
One 2 1/2 ton platform truck to replace 1926 Mack platform truck No. 254	Physical Plant	Sullivan Chevrolet Co., Champaign	2 889 93
7,230 lineal feet trench excavation and backfill; trench to be 3' deep (This is for a water distribution system to serve the poultry plant of the Department of Animal Science. The contractor will dig the trench and backfill it after the Physical Plant Department has put in the pipe line.)	Physical Plant	Verne Scott, Champaign	1 084 50
655 30" x 73" innerspring mattresses to be built from used felt mattresses (for use in temporary dormitories)	Residence Halls	Dodge-Dickinson Co., Bloomington	4 807 95 f.o.b. Champaign
1,000 copies *Timberland Times*, by Eugene Davenport	University Press	H. Wolff Book Manufacturing Co., New York	1 691 50

Item	*Department*	*Vendor*	*Cost*
1,000 copies, *Oneirophrenia*, by Ladislas J. Meduna	University Press	Pantagraph Printing & Stationery Co., Bloomington	1 176 50
1,000 copies, *The Literary Apprenticeship of Mark Twain*, by Edgar M. Branch	University Press	Pantagraph Printing & Stationery Co., Bloomington	2 550 00
30,000 copies, 1949-1950 Second Semester Time Table, to be printed by photo offset	University Press	Interstate Printing Co., Danville	4 530 20
One four-door sedan, to replace 1941 Ford sedan	Physical Plant	Dana Hudelson, Inc., Champaign	1 013 44 net bid
One four-door sedan with automatic gear shift, to replace 1941 Dodge sedan	Extension Service in Agriculture and Home Economics	West's Pontiac Co., Monticello	1 336 58 net bid
One 1½ ton truck with 12 ft. van body (this is an additional truck necessary for deliveries from the Central Receiving Station)	Purchasing Office	Dana Hudelson, Inc., Champaign	2 155 00
One refrigerated centrifuge, portable, laboratory, complete with accessory equipment	Chemistry	Chicago Apparatus Co., Chicago	2 509 30 f.o.b. Urbana
One centrifuge, size 3, on platform truck, 115 volt, 60 cycles, single phase; one head, 4-place (windshielded), for 1000 ml. slotted duralumin cups No. 389; four metal slotted cups, 1000 ml. duralumin; four adapters, aluminum; eight Pyrex glass sterilizer bottles, 500 ml.; eight Pyrex glass blood plasma bottles, 1000 ml.; twelve rubber caps	Chemistry	Wilkens-Anderson Co., Chicago	2 397 40 f.o.b. Urbana
One lot laboratory furniture	Horticulture	Metalab Equipment Corp., Brooklyn, N.Y.	6 917 25 f.o.b. Urbana

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

November 29, 1949

The November meeting of the Board of Trustees of the University of Illinois was held on Tuesday, November 29, 1949, at the Chicago Illini Union, in Chicago, according to the following schedule:

10:00 a.m. — Executive session, as in Committee of the Whole.
12:30 p.m. — Luncheon.
2:00 p.m. — Open session.

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

President Stoddard was present; also Vice-President A. C. Ivy, Provost C. R. Griffith, Assistants to the President A. J. Janata and Wilbur Schramm, Secretary H. E. Cunningham, Comptroller Lloyd Morey, Legal Counsel W. E. Britton; and, during the open session, Director J. F. Wright.

APPOINTMENTS TO THE FACULTY MADE BY THE PRESIDENT OF THE UNIVERSITY

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

1. W. W. CHARTERS, JR., Assistant Professor in the Bureau of Research and Service, beginning February 1, 1950, at an annual salary of $4,800.

2. BENJAMIN B. FREUD, Visiting Professor of Physical Sciences, beginning September 1, 1949, at an annual salary of $6,000.

3. ROBERT K. LIM, Visiting Research Professor of Clinical Science, beginning September 1, 1949, at an annual salary of $1,260.

4. CHRISTOFFER OFTEDAHL, Visiting Assistant Professor of Geology, beginning February 1, 1950, at an annual salary of $5,300.

5. WILLIS A. WOOD, Assistant Professor of Dairy Bacteriology, beginning February 1, 1950, at an annual salary of $5,200.

On motion of Mr. Herrick, these appointments were confirmed.

MATTERS PRESENTED BY PRESIDENT STODDARD

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

CONTRACTS FOR ADDITION TO RESEARCH AND EDUCATIONAL HOSPITALS

(1) Bids have been received on the construction of, and on some of the equipment (kitchen and cafeteria) for, the addition to the Research and Educational Hospitals in Chicago. These bids are on the first construction phase; the second phase will include the remodeling and alterations necessary in the present building as a result of the new addition.

The Director of the Physical Plant and the Comptroller recommend the award of contracts as follows:

General work — Patrick Warren Company, Chicago	$2 976 600 00
Electrical work — Wadeford Electric Company, Chicago	540 928 00
Paging and intercommunication systems — Boom Electric Company, Chicago	8 716 00
Plumbing work — Economy Plumbing and Heating, Chicago	331 900 00
Heating and refrigeration work — M. J. Corboy Company, Chicago	686 695 00
Ventilation work — Bloomer Heating and Ventilating Company, Chicago	261 605 00
Pipe covering — Standard Asbestos, Chicago	233 060 00
Pneumatic tubes — Lamson Corporation, Chicago	53 738 38
Elevators and dumbwaiters — Otis Elevator Company, Chicago	275 386 00
Total, Construction	$5 368 628 38
Kitchen and cafeteria equipment — Stearns Company, Chicago	244 181 00
Total, Awards Recommended	$5 612 809 38

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

Schedules of bids are herewith given to the Secretary for his files.

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

During the presentation of this matter, Mr. E. L. Stouffer, Architect, Messrs. William Holabird and J. Z. Burgee, of the firm of Holabird and Root and Burgee, and Mr. Harry Pearce, Superintendent of Buildings and Grounds for the Chicago Colleges, were present.

After discussion, and on motion of Mr. Livingston, contracts were awarded and authority to execute contracts was given as recommended.

DETERMINATION OF WAGE RATES TO BE SPECIFIED FOR CONSTRUCTION WORK AT ROBERT ALLERTON PARK

(2) At its meeting on September 29, 1949, the Board of Trustees approved a procedure as an instrument of settlement of future questions on rates of wages to be paid for construction work at Robert Allerton Park in Piatt County. The proposal, as revised and approved by the Board, provides that such questions shall be determined by the appointment of a fact-finding committee (see Minutes, page 812).

The University's present Committee[1] appointed by the Board of Trustees on July 28, 1949, to conduct a hearing on the objections to the current determination of wage rates and Counsel for the objecting labor organizations are of the opinion that it might be difficult for the first two members specified in the proposal of September 29, 1949, to agree on a third if they are limited to Piatt County. They jointly recommend, the University's Legal Counsel and its Director of Non-academic Personnel concurring, that the third member be selected by the other two without restriction to Piatt County and in accordance with the procedure outlined below:

A fact-finding committee composed of (1) one member appointed by the Illinois State Federation of Labor, (2) one member appointed by the President of the University, and (3) one member selected by the other two, provided that if they do not agree on a candidate within ten days the Director of the State Department of Public Works and Buildings will be asked to select the third member, to conduct investigations of wage rates in Piatt County in connection with construction work on the Allerton Trust properties of the University in accordance with the Prevailing Wage Act and to report to the President of the University and to the Board of Trustees that they are unable to ascertain any prevailing wages, or, if ascertainable, to report with respect to prevailing wages involved in such construction work in that locality.

I recommend that the action of the Board of Trustees of September 29, 1949, be reconsidered and that the Board authorize the appointment of the Committee as indicated above.

The University Committee, which has been conducting a hearing on objections previously filed, reports that if this plan is approved the pending objections will be withdrawn. Hence, if the Board approves the procedure recommended, I recommend further that the present Committee be discharged.

On motion of Mr. Fornof, these recommendations were adopted. Mr. Herrick voted in the negative.

REPORT ON APPLICATION FOR PATENT OF "METHOD AND APPARATUS FOR DISPERSING INSECTICIDES AND THE LIKE"

(3) Application was filed for a patent of "Method and Apparatus for Dispersing Insecticides and the Like," discovered by Dr. H. F. Johnstone, Professor of Chemical Engineering, during the course of research under a wartime contract with the Office of Scientific Research and Development.

Professor Johnstone reports that the patent examiner has given a final rejection to the claims made in the patent application Number 596800, filed May 30, 1945. Professor Johnstone recommends against further prosecution of this application through appeal by the University. The Chairman of the University Research Board concurs in this, but recommends that since the invention was the result of research work paid for by federal funds, the United States government be offered the opportunity of prosecuting an appeal with the understanding that any patent resulting from such action would belong to the United States government.

I concur in these recommendations.

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

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[1] Messrs. Edward W. Cleary, Professor of Law, Cecil A. Moyer, Associate Professor of Accountancy, John B. Parrish, Associate Professor of Economics.

PATENT POLICY GOVERNING RESEARCH UNDER UNITED STATES PUBLIC HEALTH SERVICE GRANTS

(4) The University is receiving a number of grants-in-aid from the Division of Research Grants and Fellowships, National Institute of Health, United States Public Health Service. As a condition to receiving such grants the Office of the Surgeon General is insisting that the following be included in the application submitted by the University:

"That if any patentable discoveries or inventions are made in the course of the work aided by any grant received as a result of this application, the applicant will, in consideration of such grant, refer to the Surgeon General of the Public Health Service, for determination, the question of whether such patentable discovery or invention shall be patented and the manner of obtaining and disposing of the proposed patents in order to protect the public interest."

The policy of the Public Health Service as to patentable discoveries is quite similar to that of the University in that it is the policy of that agency to administer such discoveries in such a manner as to promote the public interest. For this reason and since the probability of the development of any discoveries or inventions which would be patentable under such grants is remote, it is recommended by the Legal Counsel, the Dean of the Graduate College and Chairman of the University Research Board, and the Bursar that the usual requirement in research investigations that all control of patentable discoveries lie with the University, be waived in the case of investigations supported by the United States Public Health Service, and that the above section be incorporated in applications or contracts with such agency.

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

VETERANS ADMINISTRATION INSTRUCTIONAL CONTRACTS

(5) Contracts with the Veterans Administration providing for the instruction of veteran students at Urbana have been on a "Cost of Teaching Personnel" basis since February, 1946. Such basis provides for "compensation" to an institution in lieu of regular tuition by means of a rate per credit hour determined in accordance with regulations promulgated by the Administrator of Veterans Affairs under powers given him by the Servicemen's Readjustment Act of 1944 (GI Bill) and related legislation. Briefly, such rate is calculated by determining the total salaries paid the academic staff for teaching, eliminating all portions of salaries paid for research, public service, administrative duties, extension or other services, for a certain base period, and dividing such total salaries by credit hours earned by all students, including veterans, in such base period. This rate, determined by the Bureau of Institutional Research, was included in Urbana contracts covering the periods indicated as follows:

Contract	*Period*	*Rate per Credit Hour*
VA28r ve-142	2/9/46–1/25/47	$9 65
VA28r ve-539 VA28r vr-833	1/27/47–2/7/48	7 74
VA28r ve-686 VA28r vr-1049	2/8/48–2/6/49	9 49
V3028v - 751	2/7/49–2/5/50	11 09

These rates result in compensation to the University for about half of the actual instructional costs.

The regulations issued by the Veterans Administration referred to allowance for federal funds in such calculations, specifying particularly "Smith-Hughes or other laws" (which provide for reimbursement for expenditures) and state that "due consideration" should be given thereto. There was no indication that funds received under the original Land-Grant Act and supplementary laws would be excluded in arriving at the credit hour rate and hence no allowance for them was made in our calculations. These funds are appropriated to the individual states and in Illinois amount to $160,131 annually. They are expended by the University of Illinois for instructional purposes. In February, 1949, the Business Office was informally advised by a Veterans Administration representative in Washington that no deduction would be made for such funds, but in April, 1949 the Administrator issued decision No. 812 specifically ruling against the inclusion

of these funds in such calculation. This decision was immediately protested since it was the conviction of University officials that the federal funds in question were in the nature of endowment income and were wholly unrelated to payments from the Veterans Administration which under the GI Law are "compensation" for services rendered and were not reimbursement for specific expenditures. Since the majority of the Land-Grant institutions are similarly affected by the ruling, the position taken by the University is now being actively supported by the Association of Land-Grant Colleges and Universities, the National Association of State Universities, and the American Council on Education.

The rate specified in contracts listed above covering the period February 9, 1946, through February 6, 1949, included salaries paid from the federal funds in question. The Veterans Administration has called on the University for a lump-sum credit of a pro rata share of such funds received during each such period, based on the proportion of instruction to veterans to total instruction given. Such a calculation would result in a refund to the Veterans Administration of $295,117. The General Accounting Office, however, has recently made an examination of the accounts of the University and, based upon a recalculation of the original credit hour rates, has determined a deficiency of $412,967 instead of $295,117 for the three years involved. The exclusion of these funds also involves approximately $94,000 for the current contract year ending February 5, 1950.

The Veterans Administration refused to negotiate a contract with the University for the current contract year ending February, 1950 without excluding such federal funds from the calculated rate. Since the receipt of the major portion of such compensation is essential to the realization of budget income for the current biennium, it was necessary to accept a new contract (V3028-751 listed above) carrying a rate excluding these funds. This contract, however, was executed by the Comptroller under protest, and with the condition that if the final decision was to include these funds the contract rate would be revised accordingly.

At this date the Administrator of Veterans Affairs is being urged to rescind his ruling and allow the inclusion of such funds in these calculations. If this is not accomplished, then either Congress should be requested to revise the governing legislation or the matter should be taken to the courts for adjudication.

In many institutions other more or less serious problems of relationship with the Veterans Administration have arisen. In the University of Illinois, however, relations have been congenial and generally satisfactory, except as to the federal fund problem.

An informal report by the Legal Counsel of the University (November 17, 1949) is attached.

President George D. Stoddard
355 Administration (W)

Re: Status of Federal Land-Grant Funds with Respect to Veterans' Administration Rulings

DEAR PRESIDENT STODDARD:

In reply to your request, following is my opinion with respect to the controversy which has developed between the Land-Grant Colleges and Universities and the Veterans' Administration concerning the status of Federal Funds appropriated by Congress under the Land-Grant Acts.

This opinion deals with the broad issues that have arisen. Voluminous files have accumulated in this and other universities with respect to these issues. Numerous conferences have been held by representatives of the Land-Grant Institutions among themselves and with the Veterans' Administration. I am familiar with the files here and also with the accumulation of information, factual and legal, that has been assembled by Iowa State College and by their counsel, and also with the legislation, with the regulations of the Veterans' Administration and with the legal opinions of its counsel as they pertain to this controversy. I have participated in several conferences with representatives of the Land-Grant Colleges and their counsel. No attempt is here made to restate the extensive factual background or to restate the numerous detailed legal issues which are set forth in the correspondence, memoranda and briefs above referred to.

As I see it, the whole problem heads up in the question should the funds appropriated by Congress to the several states for use by their respective Land-Grant Institutions be included or excluded by Land-Grant Institutions in deter-

mining the rate of compensation payable by the Veterans' Administration to them for the training of veterans?

The Land-Grant Institutions claim that these funds should be included. The Veterans' Administration claims that these funds should be excluded.

Following is a summary of the principal arguments in support of the position of the Land-Grant Institutions.

1. It is conceded by the Veterans' Administration that income derived from private endowment funds and used for the payment of salaries of the instructional staff properly may be included by such institutions in determining the rate of compensation payable by the Veterans' Administration to such institutions for the training of veterans. The origin and history of congressional legislation from 1862 onward with respect to Federal Funds in aid of Land-Grant Institutions stamps these funds essentially as endowment funds such that their treatment should be the same as that accorded to private endowment funds.

2. Land-Grant Funds received by the several states under acts of Congress lose their character and identity as Federal Funds upon appropriation thereof by the states to the several beneficiary institutions, thus making it improper for the Veterans' Administration to take into account the origin thereof.

3. Where the statute provides, as it does in the case under consideration, that if the administrator "finds that the customary tuition charges are insufficient (he) may provide for the payment of such fair and reasonable compensation as will not exceed the estimated costs of teaching personnel and supplies for instruction," the term "cost" as here used should mean "cost" without regard to the source of the funds from which these "costs" are paid.

4. The fact that in calculating the "fair and reasonable compensation" for teaching veterans, costs of physical plant operation, depreciation, libraries, general and administrative expenses and other indirect costs are excluded, is a circumstance which lends strong support to the position that reasonable compensation should, at least, include all teaching costs.

5. The fact that this University and other Land-Grant Institutions have prepared their teaching cost data and budgets on their bona fide construction of the statute and the regulations creates a situation which, in and of itself, makes it unjust to apply a contrary interpretation retroactively.

6. The fact that the Land-Grant Acts do not direct that such funds be spent exclusively for the payment of teaching salaries but permit their use for any maintenance or operating costs directly or indirectly related to the teaching function, confers upon the beneficiary institutions the discretion to use such funds for either or both purposes. If these Federal Funds had been used to meet such maintenance and operational costs, it is our understanding that the administrator would not insist that they be deducted in determining the rate of compensation. The Veterans' Administration, in my opinion, can not legally take advantage of the fortuitous election of a particular institution to use such Federal Funds in the payment of teaching salaries instead of other maintenance and operational costs for to do so would confer upon the Veterans' Administration the power to force an election which the statute confers solely upon the institution concerned.

7. If the Veterans' Administration properly may force an institution to exclude such Federal Funds in its determination of a reasonable compensation, such action could afford a precedent for a similar claim by other Federal agencies that their respective commitments to pay reasonable compensation for various services to be received from universities would be reduced by the amounts received from these Federal Land-Grant Funds.

Sincerely yours,

WILLIAM E. BRITTON
Legal Counsel

This report was received for record.

PLAN FOR ADMINISTERING MEDICAL SOCIAL SERVICE AND SOCIAL CASE WORK

(6) In accordance with the instructions of the Board of Trustees at its meeting on October 25, 1949, I submit, herewith, a report[1] including a plan for administering the Medical Social Service and Social Case Work at the University, as a

[1] A copy of the report was filed with the Secretary of the Board for record.

solution of the problems raised by the decision of the Superior Court of Cook County in the case of Virginia Kenny.

On motion of Dr. Meyer, the President was authorized to put into effect the plan presented, with such modifications as do not interfere with its substance.

PAYMENT OF FEES FOR LEGAL SERVICES

(7) The Board of Trustees has authorized the employment of Snyder, Chadwell, and Fagerburg, attorneys in Chicago, as special counsel for the University in two law suits:

1. The case of Miss Virginia A. Kenny, Medical Social Worker in the Social Service Department of the Research and Educational Hospitals, suing for a writ of mandamus directing the Board of Trustees to restore to her "all her rights, duties, honors, and emoluments as the person in charge of the Social Service Department of the Research and Educational Hospitals of the University of Illinois."

2. The case of Misses Ida E. Blackburn, Theresa G. Heggerty, and Harriet B. Allen, former teachers of children patients in the Research and Educational Hospitals, which positions have been discontinued, seeking a writ of mandamus ordering the restoration of those positions.

The Legal Counsel submits two statements received from this law firm for services to date:

For services in the Kenny case	$ 7 242 21
For services in the Blackburn *et al.* case	3 112 80
Total	$10 355 01

The Legal Counsel recommends payment of these bills. A special appropriation will be required.

I concur.

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

EMPLOYMENT OF SPECIAL COUNSEL IN PROCEEDINGS INVOLVING UNIVERSITY'S LIABILITY UNDER ELECTRICAL CONTRACT FOR CONSTRUCTION OF ELECTRICAL ENGINEERING BUILDING

(8) The University Counsel requests that the Board of Trustees authorize the employment of Craig and Craig, attorneys, Mattoon, Illinois, as special counsel for the University in proceedings instituted by the Leverenz Electric Company, Danville, Illinois, in the Circuit Court of Champaign County, and in such other proceedings as the University may determine are desirable, under a claim for additional payment of approximately $9,000 on a contract for electrical work in the construction of the Electrical Engineering Building. This dispute has gone through the arbitration procedure provided in the contract, but Legal Counsel for the University recommends against acceptance of the findings of the arbitrators.

I concur.

On motion of Mr. McLaughlin, this recommendation was adopted, subject to the approval of the President of the University.

OPEN SESSION

When the Board convened after luncheon, the same members and officers of the Board and of the University were present as during the morning session; also, on invitation of the Board, the following members of the Board of Trustees of Southern Illinois University: General

Robert W. Davis, Dr. Leo J. Brown, Mr. O. W. Lyerla, Mr. Kenneth L. Davis, Mr. Lindell W. Sturgis, Mr. Guy A. Gladson, Mr. John Page Wham; also, President D. W. Morris, Business Manager, Mr. Edward V. Miles, Jr., and Administrative Assistant to the President, Dr. Charles D. Tenney, of Southern Illinois University.

MATTERS PRESENTED BY PRESIDENT STODDARD

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

LEAVE OF ABSENCE FOR DEAN MIRIAM A. SHELDEN AND APPOINTMENT OF ACTING DEAN OF WOMEN

(1) On recommendation of the Dean of Students, I have authorized

1. An extension of Dean Miriam A. Shelden's leave of absence without pay from November 1, 1949, through June 30, 1950;

2. The appointment of Miss Agnes G. Tandberg, Assistant Dean of Women, as Acting Dean of Women effective November 1, 1949, and continuing to June 30, 1950, inclusive, at an additional salary of $100 a month for that period.

Confirmation of these actions is requested.

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

SABBATICAL LEAVE OF ABSENCE FOR PROFESSOR RAYMOND P. STEARNS

(2) Professor Raymond P. Stearns of the Department of History was given a sabbatical leave of absence on full pay for the first semester of 1949-1950. He has requested that his leave be changed to sabbatical leave on one-half pay for the full academic year, 1949-1950.

He has found in London, where he is doing research, a mass of material far beyond his previous expectations. In order to make the most of this opportunity, he needs to be there a full year. The courses given by Professor Stearns will be taken over by other members of the department, and one-half of his salary will be released for the employment of such additional staff as may be necessary.

The Head of the Department of History and the Dean of the College recommend approval.

I concur.

On motion of Mr. Fornof, this request was granted.

RESIGNATION OF DEAN JOHN B. YOUMANS

(3) Dr. John B. Youmans, Professor of Medicine, Dean of the College of Medicine, Medical Director of the Research and Educational Hospitals and of the Illinois Eye and Ear Infirmary, has accepted a position as Professor of Medicine and Dean of the School of Medicine at Vanderbilt University. He has submitted his resignation from the University of Illinois faculty and asks to be released as of March 1, 1950.

Vice-President A. C. Ivy and I recommend that his request be granted.

The University is losing an outstanding scholar and medical leader. Dean Youmans's many public and private achievements in medicine in the last two decades have brought him national fame. Vanderbilt University will gain conspicuously in his return to the campus where he had already served with distinction.

On motion of Dr. Meyer, this resignation was accepted as recommended, and the President was instructed to convey to Dr. Youmans an expression of the regret of the Board at his leaving and of good wishes for his success and happiness.

APPOINTMENT TO THE ADVISORY COMMITTEE OF THE COLLEGE OF PHARMACY

(4) The Dean of the College of Pharmacy recommends the appointment of Mr David D. Stiles, Associate Director of Sales, Abbott Laboratories, North Chicago, Illinois, as a member of the Advisory Committee of that College for a

period of five years (July 1, 1949, to June 30, 1954) to replace Mr. Jack I. Reader, Chicago, whose term has expired.

The other members of the Committee and their terms are Messrs. Charles R. Walgreen, Jr., Chicago, 1948-1950; W. Edwin Brown, Quincy, 1948-1951; Harold A. Wild, Joliet, 1948-1952; and Otto J. Pelikan, Oak Park, 1948-1953. Mr. Henry A. Besser, President of the Illinois Pharmaceutical Association, is a member of the Committee, *ex officio*. The member who is in his last year of tenure serves as Chairman.

Last year the Board of Trustees approved appointments to this Committee for the terms indicated so that thereafter one appointment for a five-year term could be made each year.

I concur and recommend further that Mr. Stiles be also appointed a member of the Citizens Committee of the University of Illinois.

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

RELEASE OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

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

Release No. 13

"For Permanent Improvements at Urbana-Champaign; Additions to Power and Heating Plant and Remodeling of Existing Buildings.....$263 500"

This is a partial release from an appropriation of $1,215,000 of which $880,000 has been budgeted for additions to the power plant at Urbana. The Governor has previously released (Release No. 6) $85,000 for plans and specifications for this project. The funds now released are for

3000 KW Turbine Generator	$141 300
Condenser	29 000
Cooling Tower	20 300
4160 Volt Metal Clad Switch Gear	72 900
Total	$263 500

I recommend that the funds released be appropriated for the purposes specified. The Board has already awarded contracts for the purchase of this equipment.

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

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

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

1. Remodeling of quarters for Student Counseling Bureau at Chicago Undergraduate Division (Navy Pier)	$ 6 500
2. Remodeling and equipment for Department of Bacteriology at Urbana	50 000
3. Remodeling of quarters for Department of Physical Education for Men at Urbana	2 250
4. Remodeling of animal quarters for Department of Physiology at Urbana	2 400
5. Equipment for Psychological Clinic	1 904
6. Installation of additional book stacks in Agriculture Library	8 000
7. Remodeling of Veterinary Pathology Laboratory and barn used by College of Veterinary Medicine	5 160
8. Equipment for School of Music	12 000
Total	$88 214

I concur.

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

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

PURCHASE OF LAND IN CHICAGO

(7) The area selected as a site for the Medical Center Steam Company plant is south of Taylor Street between Hermitage Avenue and Paulina Street, Chicago. The Medical Center Commission has already acquired certain properties in this area and will acquire additional parcels. The estimated acquisition cost to the Commission is approximately $200,000. Other parcels in this area have already been purchased by the University.

On June 25, 1949 (Minutes, page 403), the Board of Trustees authorized Vice-President Ivy to negotiate with the Medical Center Commission for the property required for the steam plant. The Commission has adopted a resolution approving the sale to the University of the land it needs for the token amount of $1,000. Doctor Ivy recommends that the expenditure of $1,000 for this property be approved.

I concur in this recommendation, the payment to be made from funds received from the sale of land to the Medical Center Steam Company.

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

CONTRACT FOR ALTERATIONS IN ELECTRICAL DISTRIBUTION SYSTEM IN THE RESEARCH AND EDUCATIONAL HOSPITALS

(8) The Director of the Physical Plant and the Comptroller recommend the award of a contract for $3,557.07 to the Block Electric Company, Chicago, the lowest bidder, for alterations in the electrical distribution system in the general hospital (Building 911) of the Research and Educational Hospitals. The work will consist of replacing two of five panels and is part of the plan of modernization recommended by Holabird and Root and Burgee.

Funds have been budgeted for this purpose.

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

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

CONTRACT FOR ALTERATIONS OF EMERGENCY AND EXIT LIGHTING SYSTEMS IN THE NURSES HOME

(9) The Director of the Physical Plant and the Comptroller recommend the award of a contract for $1,709 to Henry Newgard and Company, Chicago, the lowest bidder, for alterations of the existing emergency and exit lighting systems in the Nurses Home (Building 914) of the Research and Educational Hospitals. This is part of the plan of modernization recommended by Holabird and Root and Burgee.

Funds have been budgeted for this improvement.

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

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

CONTRACT FOR FIRE ALARM SYSTEM IN CHICAGO ILLINI UNION BUILDING

(10) The Director of the Physical Plant and the Comptroller recommend the award of a contract for $6,531 to the B-H Electric Company, Chicago, the lowest bidder, for the installation of a fire alarm system in the Chicago Illini Union Building to comply with the Chicago Municipal Code.

Funds have been budgeted for this work.

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

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

CONTRACT FOR REPLACEMENT OF WINDOW FRAMES AND INSTALLATION OF SAFETY DEVICES FOR WINDOW WASHERS IN BUILDINGS OF THE CHICAGO PROFESSIONAL COLLEGES

(11) The Director of the Physical Plant and the Comptroller recommend the award of a contract for $12,873 to the Federal Remodeling and Building Company, Chicago, the lowest bidder, for (1) replacement of window frames and installation of window washer bolts on the south wing of the Chicago Illini Union and (2) replacement of leaded windows with wood casement sash in the general hospital of the Research and Educational Hospitals.

Replacement of the window frames in the Union Building is necessary because of deterioration. Installation of wood casement sash to replace existing fixed leaded windows in the Research and Educational Hospitals is requested because window washing at present is extremely difficult.

Funds are available in the Physical Plant Operation and Maintenance budget.

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

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

CONTRACT FOR REMODELING IN ILLINOIS NEUROPSYCHIATRIC INSTITUTE

(12) The Director of the Physical Plant and the Comptroller recommend award of a contract for $3,996 to C. W. Haynes Company, Chicago, the lowest bidder, for remodeling on the eighth floor of the Illinois Neuropsychiatric Institute.

The work includes construction of partitions, and changes incidental thereto, to make a women's open psychiatric ward into a combination men's and women's open psychiatric ward. This is proposed by Director Fred Hoehler of the Department of Public Welfare and Vice-President A. C. Ivy and is consistent with the agreement between the University of Illinois and the Department for the operation of the Illinois Neuropsychiatric Institute whereby the University performs all maintenance and operation work of this kind and bills the Department of Public Welfare for the cost plus 10 per cent for overhead.

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

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

APPROPRIATION AND AWARD OF CONTRACTS FOR SAFETY IMPROVEMENTS IN NOYES CHEMISTRY LABORATORY

(13) A serious fire and safety hazard exists in the Noyes Laboratory of Chemistry. The internal construction of the west wing, built in 1901-1902, is of heavy timber framing except the third floor ceiling and attic which are of ordinary joist construction. This section of the building is serviced only by one large, nonfireproof open central stairway, the space below being used for storage.

On January 13, 1949 (Minutes, page 204), the Board of Trustees appropriated $50,000 for safety improvements in the Noyes Laboratory, including construction of additional exits in certain laboratories, emergency showers and corrections in ventilating hoods. Part of the funds was used for preparation of plans and specifications for the construction of enclosed stair towers. Bids received on the construction of two new fireproof stairways at the northwest and

southwest entrances of the building indicate that this phase of the safety improvements can be completed for $150,000.

The State appropriations for 1949-1951 for buildings and other capital improvements at the University include an item "Additions to Power and Heating Plant and Remodeling of Existing Buildings," $1,215,000, of which $880,000 has been budgeted for additions to the power and heating plant and $420,000 for remodeling of existing buildings. The improvements in Noyes Laboratory have a high priority among remodeling projects.

The Director of the Physical Plant and the Comptroller recommend that $150,000 of this State appropriation be assigned for remodeling of existing buildings, including the improvements in the Noyes Laboratory, and that contracts be awarded to the lowest bidders as follows:

Construction of Stairways

General work — E. N. DeAtley, Champaign	$95 900
Electrical work — Leverenz Electric Company, Danville (guaranteed maximum, including fixed fee)	4 065
Plumbing and heating — Reliable Plumbing and Heating Company, Champaign (fixed fee plus actual cost) (Total estimated at $25,695. See below.)	4 500

Fume Hoods (31)

Reliable Plumbing and Heating Company, Champaign	$10 350

This contract does not cover removal of the present central stairway and construction of floors over the stair well, a separate contract for which will be recommended later. This job is included in the estimated budget of $150,000.

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

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

CONTRACT FOR PARKING LOT TO SERVE STUDENT AND STAFF APARTMENTS

(14) It was not practicable to provide automobile parking space adjacent to the student and staff apartments on Goodwin Avenue and Green Street. However, the committee on parking has included this area in its recommendations for additional facilities. Ground is available nearby on University property at 1106 and 1108 West Green Street.

Bids have been taken on the construction of a parking lot with a rock base and a penetration binder for fifty-four cars at 1106 West Green Street.

The Director of the Physical Plant and the Comptroller recommend award of a contract to the Champaign Asphalt Company, the lowest bidder, for $3,500. The cost of this work can be charged against funds available for the construction of the student and staff apartments.

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

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

CONTRACTS FOR REPAIR WORK ON ALLERTON FARMS

(15) Grain storage space has been at a premium this fall. In anticipation of this situation, the 1948 corn crop was cleared out of the cribs on the Allerton Farms. When the cribs were empty, it was found that repairs would be necessary but the extent of the work could not be determined until it was started, i.e., floor boards taken up and siding removed.

Harold Hammerschmidt, Monticello, who had previously done work for the University at Allerton Park, had a crew of men available to start the work and complete it by harvest time. Mr. Hammerschmidt offered to do the work on a time and material basis as follows:

Hammerschmidt Bros.	$2 00 an hour
One experienced workman	1 75 an hour
All other labor	1 65 an hour

The repair job was done on this basis and the total cost is now estimated as follows:

Crib Farm No. 1	$ 1 275 53
Tenant Crib Farm No. 1	1 026 48
Barn Farm No. 1	231 71
Crib Farm No. 3	1 500 06
Crib Farm No. 4	1 841 51
Crib Farm No. 6	1 725 62
Crib Farm No. 7	1 227 21
Crib Farm No. 8	1 337 45
Total	$10 165 57

All costs are subject to audit, and payments will be made on the basis of audited costs.

Funds are available from the farm operations income.

The contract with Mr. Hammerschmidt has been approved by Dean Rusk, has been checked and endorsed by the Legal Counsel and the Director of Non-academic Personnel, and is submitted by the Comptroller.

I recommend approval.

On motion of Dr. Meyer, this work was approved.

CONTRACT FOR REMODELING IN GEORGE HUFF GYMNASIUM

(16) The Director of the Physical Plant and the Comptroller recommend award of a contract for $1,890 to E. N. DeAtley, Champaign, the lowest bidder, for the general work in remodeling of space (Room 212) in the George Huff Gymnasium to provide quarters for the work in physical fitness.

There is submitted separately a recommendation that a special appropriation of $2,250 be made for this work. I concur and recommend that the Secretary of the Board and the Comptroller be authorized to execute this contract.

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

CHANGE IN CONTRACT FOR CONSTRUCTION OF ANIMAL QUARTERS FOR DEPARTMENT OF PHYSIOLOGY

(17) A contract for the construction (general work) of animal holding quarters for the Department of Physiology was awarded to Lewis S. Colbert, Champaign, on a cost plus fee basis, under the terms of his standing contract for the year ending June 30, 1949, for minor improvements. The preliminary estimate of cost was $4,700 but the present estimate will exceed this by $1,525. Funds are available in the Physical Plant budget.

The Department of Physiology has also requested some additional work (more cages and concrete runways) on these animal quarters, not specified in the original plans. The estimated cost is $4,200 of which $1,800 can be supplied by the Physical Plant Department. There is before the Board a separate recommendation for a supplementary appropriation of $2,400 to the Department of Physiology. It is estimated that the work to be done by the general contractor on this additional construction will cost $1,250.

The Director of the Physical Plant and the Comptroller recommend approval of additions to the contract with Lewis S. Colbert of $1,525 to cover the excess over estimated cost, and $1,250 to cover the additional work requested by the Department of Physiology. There have been no previous change orders on this project recommended to the Board.

I concur and request that the Comptroller be authorized to execute these contract additions.

On motion of Mrs. Holt, this recommendation was adopted.

ADDITION TO LANDSCAPING CONTRACT FOR SMALL HOMES COUNCIL HOUSING RESEARCH PROJECT

(18) The Director of the Physical Plant and the Comptroller recommend an increase of $3,579.65 in the contract with Grundstrom Company, Inc., Glenview, Illinois, for the landscaping of the Small Homes Council Housing Research

Project area at Race Street and Florida Avenue to include the following additional planting:

Rosa Multiflora hedge, double row, approximately 1,790 lineal feet, along the south and west border of the area	$1 360 40
Additional lawn seeding between this hedge and rear property lines of houses, covering approximately 4.63 acres	2 219 25
Total	$3 579 65

The original plans provided for the erection of a wire fence along these area borders but the hedge is recommended because it will cost less and will add to the appearance of the area. It will serve as a screen and a barrier between the housing area and the horticulture experimental plots.

The additional lawn seeding was not included in the original specifications as the area involved was not originally included in the property lines assigned for individual use of the occupants of the houses. When the specifications were drawn the exact use of this area was not determined and later it was decided to develop it as a lawn.

Funds are available in the appropriation for this project.

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

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

DISCONTINUANCE OF ALHAMBRA CROP EXPERIMENT FIELD

(19) On July 17, 1917 (Minutes, page 418), the Board of Trustees accepted an experimental field of approximately forty acres at Alhambra, Illinois, described as "East one-half of the south one-half of the southeast quarter of section 14, township 5 north, range 6 west of the third principal meridian."

The field was donated by Adolph Hitz with the provision that if the University of Illinois discontinues the use of the land for agricultural experimentation and demonstration for a period of more than two consecutive years, the title to the land shall revert to the donor, or to his heirs or assigns.

The University has developed the Brownstown Experiment Field in Fayette County as a "Crops Center" for the breeding, evaluating, increasing, and distribution of crops particularly well adapted to the area. The Brownstown field is more desirable than the Alhambra field because: (1) soil type at Brownstown is representative of a larger area of Illinois than that at Alhambra; (2) the large number of "slick" spots[1] on the Alhambra field and their random occurence lowers the reliability of crop tests made there; (3) the distance from the central station at Urbana makes Brownstown more readily accessible than Alhambra.

The Dean of the College of Agriculture and the Head of the Department of Agronomy recommend that in the interests of economy in carrying on crop experimental work and in view of the enlarged program contemplated on the Brownstown field, the Alhambra Crop Experiment Field be discontinued, beginning with the seeding of wheat this fall.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the necessary papers to effect the transfer of the title to the Alhambra field to the estate of Adolph Hitz.

On motion of Mrs. Holt, this recommendation was adopted and authority to transfer title was given, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Mr. Nickell, Mr. Stevenson.

PURCHASES

(20) A report of (A) emergency purchases authorized and (B) purchases recommended (see Appendix, page 959).

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

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[1] "Slick" spots are spots in which carbonates and other salts accumulate due to poor drainage, and affect crop production.

COMPTROLLER'S REPORT OF CONTRACTS

(21) The Comptroller's report of contracts executed from October 11 to November 10, 1949 (see Appendix, page 960).

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(22) The Comptroller presents his quarterly report to the Board as of September 30, 1949.

This report was received for record.

REPORT OF EMERGENCY PURCHASES OF COAL

(23) Due to the coal strike, on October 25, 1949, the Board of Trustees authorized the President of the Board and the Comptroller to approve emergency purchases of coal at the best price obtainable by the Director of Purchases. The following is a report of such purchases made to date:

	Price (at mine)	*Freight*	*Total*
Clarence V. Beck and Company, Inc., St. Louis, Missouri (Gillespie, Illinois, mine)			
12 cars (approximately 600 tons), 1¼" screenings			
Per ton	$ 5 50	$ 2 05	$ 7 55
Total	3 300 00	1 230 00	4 530 00
Haddaway Coal Company, St. Louis, Missouri (Central Illinois mine)			
6 cars (300 tons), 1½" screenings			
Per ton	6 50	2 64	9 14
Total	1 950 00	792 00	2 742 00
Shippers Fuel Corporation, Chicago (Belleville, Illinois, mine)			
5 cars (250 tons), ⅜ x 0 carbon			
Per ton	4 10	2 48	6 58
Total	1 025 00	620 00	1 645 00
Capital Coal and Coke Company, St. Louis, Missouri (Marissa, Illinois-Belleville area mine)			
20 cars (1000 tons), 1¼" screenings			
Per ton	4 00	2 50	6 50
Total	4 000 00	2 500 00	6 500 00
Clarence V. Beck and Company, Inc., St. Louis, Missouri (Gillespie, Illinois, mine)			
25 cars (1250 tons), 1¼" screenings			
Per ton	4 00	2 05	6 05
Total	5 000 00	2 562 50	7 562 50
Shippers Fuel Corporation, Chicago			
30 cars 1½" Saline Co. screenings (1500 tons)			
Per ton	4 00	2 70	6 70
Total	6 000 00	4 050 00	10 050 00
Clarence V. Beck and Company, Inc., St. Louis, Missouri (Gillespie, Illinois, mine)			
10 cars 1½" screenings (500 tons)			
Per ton	4 00	2 05	6 05
Total	2 000 00	1 025 00	3 025 00
Totals	$23 275 00	$12 779 50	$36 054 50

This report was received for record.

AWARD OF CONTRACT FOR FIRE PROTECTION IMPROVEMENTS

(24) The proposed fire protection improvement program includes the installation of fire alarm evacuation signals and controls in (1) permanent housing units, (2) secondary schools, and (3) hospitals.

To carry out this program, installations will be required in the University High School, Illini Union, University Club, Men's Residence Halls, and McKinley Hospital.

The first step in the program is the preparation of plans and specifications and securing of accurate estimates. To accomplish this, additional engineering services are required.

The Director of the Physical Plant and the Comptroller recommend the employment of Graham, Anderson, Probst, and White, who have designed the fire alarm telegraph system on the campus, on the basis of actual cost of labor and blueprints, plus 100 per cent, plus travel expense if such is necessary.

The total cost of the engineering services on the above projects is estimated at approximately $4,800, of which the proportionate share on self-supporting buildings will be financed from their income, and other projects from Physical Plant operating appropriations.

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

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

SECRETARY'S REPORT OF CONTRACT

The Secretary presented for record the following document signed by the President and the Secretary of the Board, and deposited with the Secretary since the last report.

Piatt County Agricultural Conservation Association, release of land south of the Amenia elevator in Piatt County, for grain storage — dated August 29, 1949.

SECRETARY'S REPORTS

The Secretary reported the following lists for record, as printed in the Appendix.

1. Appointments made by the President of the University (page 955).
2. Graduate fellows (page 958).
3. Resignations, declinations, and cancellations (page 958).

TOUR OF CHICAGO PROFESSIONAL COLLEGES

At this point, Mr. C. L. Williston, Manager of Public Information, reported on the tour of the Chicago Professional Colleges arranged by Dr. Ivy and the Deans, and President Williamson invited the trustees and officers of Southern Illinois University and the trustees and officers of the University of Illinois to join in the tour.

On motion of Mr. Livingston, the Board adjourned to meet on five-day call by the President of the Board.

H. E. CUNNINGHAM
Secretary

KENNEY E. WILLIAMSON
President

APPENDIX

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. Part-time appointments are shown by fractions after the name of the department. C = College; S = Station; E = Extension.)

ADAMS, CATHARINE D., Instructor, Education (¼), academic year beginning September 1, 1949, $900 (11-2-49).

ALZNAUER, ROBERT L., Assistant, Pathology (Medicine), ten months beginning November 1, 1949, without salary (11-2-49).

BEYM, MRS. SHIRLEY, Assistant, Botany, nine months beginning September 16, 1949, $2400, supersedes (10-20-49).

BRADSHAW, GLENN R., Assistant, Education (University High School), nine months beginning September 16, 1949, $3150, supersedes (11-10-49).

BROWN, MRS. MARJORIE H., Assistant, English, September 16, 1949-January 31, 1950, $1200, and (⅔), February 1, 1950-June 15, 1950, $800, supersedes (10-20-49).

CARRITHERS, JAMES M., Assistant Professor, Accountancy (¾), two years, to render service during each academic year, and Assistant to the Head of the Department of Business Organization and Operation (¼) (on Y basis), one year, beginning September 1, 1949, $5300 a year, supersedes (11-5-49).

CHARTERS, W. W., JR., Assistant Professor, Bureau of Research and Service, seven months beginning February 1, 1950, $400 a month (10-27-49).

CLARK, WILLIAM C., Asistant, Physiology (Graduate College), one year beginning October 1, 1949, $4000 (10-26-49).

COLE, IRA W., Assistant to the Director of the School of Journalism (¾), and Counselor, Student Counseling Bureau (¼), October 15, 1949-August 31, 1950, $3600 a year, supersedes (11-2-49).

CRAMER, GLENN E., Instructor, General Engineering Drawing (Undergraduate Division in Chicago), September 23, 1949-August 31, 1950, to render service during the academic year, $4500 a year (10-20-49).

DRAWVER, PAULINE, Assistant, English, September 16, 1949-January 31, 1950, $1200 (10-20-49).

DUKE, BETTY L., Research Assistant, Medicine (Medicine), one year beginning October 12, 1949, $2400 (11-2-49).

EATON, JAMES O., Instructor, Accountancy (Business Organization and Operation), six months beginning March 1, 1950, to render service during the academic year, $2400, supersedes (11-10-49).

ETTER, JAMES E., Special Research Associate, Electrical Engineering (S) (½), eleven months beginning October 1, 1949, $160 a month, supersedes (10-26-49).

FRANKEL, JOSEPH J., Clinical Assistant, Medicine (Medicine), eleven months beginning October 1, 1949, without salary (10-26-49).

FREUD, BENJAMIN B., Visiting Professor, Physical Sciences (Undergraduate Division in Chicago), five months beginning September 1, 1949, $600 a month (10-27-49).

FUMI, FAUSTO G., Special Research Assistant, Physics (Graduate College), October 28, 1949-August 31, 1950, $3240 a year (11-21-49).

GOLDWASSER, MOSES, Associate, Medicine (Medicine) (13/100), $475, and Consultant, Eye and Ear Infirmary (⅕), $1500, one year beginning September 1, 1949, supersedes (10-20-49).

GREENWOOD, FRED L., Research Assistant, Chemistry (Graduate College), one year beginning September 16, 1949, $4000 (10-20-49).

GREENWOOD, MRS. VIRGIL L., Instructor, Home Economics (C), September 15, 1949-August 31, 1950, $3200 a year (11-3-49).

HARTLEY, LOIS T., Instructor, English, academic year beginning September 1, 1949, $3000 (10-20-49).

HAUG, ELSIE L., Clinical Instructor, Psychiatry (Medicine), ten months beginning November 1, 1949, without salary (11-2-49).

HAVRANEK, JAMES C., Clinical Assistant, Medicine (Medicine), eleven months beginning October 1, 1949, without salary (10-20-49).

HEGLAND, VIRGINIA, Assistant, English, September 16, 1949-January 31, 1950, $1200, and (⅔), February 1-June 15, 1950, $800, supersedes (10-20-49).

HEMMENS, ELIZABETH S., Research Associate, Pharmacology (Medicine), three months beginning November 15, 1949, $300 a month (10-26-49).

HIGHLAND, FREDERICK D., Assistant, English, September 16, 1949-January 31, 1950, $1200, and (⅔), February 1-June 15, 1950, $800, supersedes (10-20-49).

INOUYE, TOHRU, Research Assistant, Medicine (Medicine), one year beginning September 1, 1949, $4300, supersedes (10-29-49).

JENSEN, JAY W., Instructor, Journalism (½), six months beginning February 1, 1950, to render service during the academic year, $900 (11-2-49).

JOHNSON, FALK S., Instructor, English (Undergraduate Division in Chicago) (½), academic year beginning September 1, 1949, $1900 (11-22-49).

KAMMLADE, WILLIAM G., Professor, Animal Science and Agricultural Extension (C), indefinite tenure, Associate Director of the Extension Service in Agriculture and Home Economics, and State Leader of Farm Advisers (E), two years beginning September 1, 1949, $10,000 a year, supersedes (11-10-49).

KIELY, JAMES P., Instructor, Physiology (Medicine), eleven months beginning October 1, 1949, to render service during the academic year, $3682 a year, supersedes (11-10-49).

KIELY, JOSEPH M., Instructor, Physiology (Medicine) (⅓), three months beginning October 1, 1949, $125 a month (10-26-49).

KLEIN, SAMUEL, Clinical Assistant, Medicine (Medicine), October 20, 1949-August 31, 1950, without salary (11-21-49).

KNOCK, FRANCES E., Research Associate, Pharmacology (Medicine) (½), eleven months beginning October 1, 1949, $250 a month (10-26-49).

KOFOED, MRS. MARTHA A., Research Assistant, Medicine (Medicine), one year beginning September 1, 1949, $2600, supersedes (11-21-49).

LARIVIERE, ROSE, Instructor, Mathematics (Undergraduate Division in Chicago) (⅗), four months beginning October 1, 1949, $240 a month (10-26-49).

LIM, ROBERT K., Visiting Research Professor, Clinical Science (Medicine) (17/100), one year beginning September 1, 1949, $1260 (10-26-49).

MACLEAN, FLORENCE M., Clinical Director, Occupational Therapy, and Assistant Professor, Physical Medicine (Medicine), one year beginning September 1, 1949, $4500, supersedes (11-4-49).

MATTHEWS, JOHN W., Instructor, Vocational Agriculture Service, Agricultural Engineering (C), seven months beginning February 1, 1950, $433.34 a month (10-26-49).

MODIGLIANI, FRANCO, Research Associate Professor, Economics, Economics and Bureau of Economic and Business Research, indefinite tenure beginning September 1, 1949, $9500 a year, supersedes (11-10-49).

MORTLAND, MRS. CLARABELLE, Assistant, English, September 16, 1949-January 31, 1950, $1200, and (⅔), February 1-June 15, 1950, $800, supersedes (10-20-49).

NELSON, JAMES A., Special Research Associate, Ceramic Engineering (S), ten months beginning November 1, 1949, $366.66 a month, supersedes (10-26-49).

NEWMAN, EDWARD, Research Associate, Clinical Science (Medicine), one year beginning September 1, 1949, without salary (11-10-49).

OFTEDAHL, CHRISTOFFER, Visiting Assistant Professor, Geology, six months beginning February 1, 1950, $2650 (10-27-49).

PALEVSKY, HARRY, Special Research Assistant, Physics (C), ten months beginning November 1, 1949, $3240 a year, supersedes (11-22-49).

PARK, ROBERT, Instructor, English (Undergraduate Division in Chicago) (½), five months beginning September 1, 1949, $150 a month (11-23-49).

PINSKA, ELIZABETH J., Research Assistant, Bacteriology, ten months beginning September 1, 1949, $2889 (10-20-49).

PITTS, WALTER, Research Associate, Psychiatry (Medicine), July 1, 1949-August 31, 1950, $5000 a year (11-10-49).

PLACEK, CHESTER, Research Assistant, Physiology (Medicine), one year beginning September 16, 1949, $2700 (11-10-49).

PURNELL, ISABELLE, Research Assistant, Bureau of Economic and Business Research, nine months beginning October 1, 1949, $3000 (10-26-49).

ROBBINS, JOSEPH M., Clinical Assistant, Medicine (Medicine), September 28, 1949-August 31, 1950, without salary (10-20-49).

ROSENTHAL, MORRIS M., Clinical Instructor, Psychiatry (Medicine), ten months beginning November 1, 1949, without salary (10-26-49).

SCHAFFNER, JOHANNES S., Special Research Associate, Electrical Engineering (S) (¾), September 14, 1949-August 31, 1950, $3600 a year (11-2-49).

SCHNAUBER, ENID, Assistant Professor, Physical Education for Women (¾), two years, to render service during each academic year, and Counselor, University Council on Teacher Education (¼), academic year, beginning September 1, 1949, $4300 a year, supersedes (11-2-49).

SEAMAN, R. F., Assistant, Education (University High School), nine months beginning September 16, 1949, $3150, supersedes (11-10-49).

SHUTTLEWORTH, ROY, Special Research Associate, Physics (C), October 17, 1949-August 31, 1950, $400 a month (10-26-49).

SIMMEL, MARIANNE L., Instructor, Psychology (Psychiatry) (Medicine), eight months beginning January 1, 1950, $416.66 a month (10-26-49).

SIMMONS, EMILY S., Assistant Dean, Graduate Students (Graduate College), and Family Case Worker, Health Service, October 12, 1949-August 31, 1950, $333.33 a month, supersedes (10-26-49).

SIMON, MRS. MARY, Assistant, English, September 16, 1949-January 31, 1950, $1200, and (⅓), February 1-June 15, 1950, $400, supersedes (10-20-49).

SMITH, MARJORIE, Instructor, Geography, October 24, 1949-August 31, 1950, to render service during the academic year, $3000 a year (11-5-49).

SREEBNY, LEO M., Research Assistant, Applied Materia Medica and Therapeutics (Dentistry), one year beginning October 1, 1949, $3600 (11-22-49).

STAFFORD, CURTIS R., Assistant, Education (University High School), nine months beginning September 16, 1949, $3150, supersedes (11-10-49).

STICE, GLEN, Research Associate, Psychology (Graduate College), ten months beginning November 1, 1949, $4200 a year (11-22-49).

SUSSMAN, MAURICE, Instructor, Bacteriology, September 1, 1949-February 28, 1950, to render service during the first semester of the academic year, $250 a month (10-20-49).

SZMYD, M. A., Instructor, Full and Removable Partial Dentures (Dentistry), September 15, 1949-August 31, 1950, $333.33 a month, supersedes (10-20-49).

TANDBERG, AGNES G., Acting Dean of Women, eight months beginning November 1, 1949, $475 a month, supersedes (11-12-49).

TINER, MRS. LYLA G., Personnel Technician, Student Counseling Bureau, October 18, 1949-August 31, 1950, $233.33 a month, supersedes (10-20-49).

TOUCHBERRY, ROBERT W., Assistant Professor, Dairy Cattle Genetics (Dairy Science) (C) (¼), to render service during each academic year, and (S) (¼) (on Y basis), November 1, 1949-August 31, 1951, $2500 a year, supersedes (11-23-49).

TOWNSEND, VERNA K., Assistant, Spanish, September 16, 1949-January 31, 1950, $266.66 a month, and (½), February 1-June 15, 1950, $133.33 a month, supersedes (10-20-49).

TRUMP, J. LLOYD, Associate Professor, Education, indefinite tenure, and Head of Teacher Placement, Committee on Appointment of Teachers, two years, beginning September 1, 1949, $7750 a year, supersedes (11-22-49).

UNDERWOOD, ROBERT B., Instructor, Full and Removable Partial Dentures (Dentistry) (½), one year beginning September 1, 1949, $2250, supersedes (10-20-49).

VANCE, GRAHAM A., Instructor, Medicine (Medicine), and Administrative Assistant to Medical Director, Research and Educational Hospitals (½), eleven months beginning October 1, 1949, $3000 a year (11-22-49).

WALLER, FRED, Instructor, English (Undergraduate Division in Chicago) (½), five months beginning September 1, 1949, $160 a month (10-26-49).

WILLMORE, TRACY A., Special Research Assistant, Ceramic Engineering (S), October 10, 1949-August 31, 1950, $3800 a year (11-22-49).

WINNETT, WILLIAM L., Assistant, Education (University High School), nine months beginning September 16, 1949, $3050, supersedes (11-10-49).

WOMELDORPH, RAYMOND C., Special Research Assistant, Ceramic Engineering (S), October 10, 1949-August 31, 1950, $3800 a year (11-2-49).

WOOD, WILLIS A., Assistant Professor, Dairy Bacteriology (Dairy Science) (C) (½), to render service during each academic year, and (S) (½) (on Y basis), February 1, 1950-August 31, 1951, $5200 a year (10-19-49).

ZIMMERMAN, MRS. DOROTHY, Assistant, English, September 16, 1949-January 31, 1950, $1200, and (⅔), February 1-June 15, 1950, $800, supersedes (10-20-49).

GRADUATE FELLOWS

(The following appointments were made by the President of the University on the dates indicated in parenthesis.)

BURNS, RICHARD O., JR., Research Fellow, Physiology (Medicine), one year beginning September 16, 1949, $2500 (10-20-49).

FERREE, PAUL J., Wright Fellow, Agricultural Economics, February 1-June 15, 1950, $350 (11-16-49).

HUDGENS, CLAUDE R., Armour and Company Research Fellow, Chemistry, ten months beginning September 16, 1949, $1650 (11-14-49).

KYLE, ROBERT H., Research Fellow, Medicine (Medicine), September 16-December 31, 1949, $100 a month, supersedes (11-2-49).

LAMMING, GEORGE E., Booth Fellow, Dairy Science, one year beginning February 1, 1950, $1500 (11-14-49).

PAYNE, JAMES P., JR., Fellow, Economics, September 16, 1949-January 31, 1950, $425, and February 1-June 15, 1950, $500, supersedes (11-8-49).

RICHEY, MRS. MARJORIE H., Fellow, Psychology (Graduate College), ten months beginning September 1, 1949, $1600 a year (10-20-49).

RIDLER, DUNCAN, Booth Fellow, Agricultural Economics, one year beginning February 1, 1950, $1500, supersedes (11-11-49).

ROTMAN, MARCOS B., Research Fellow, Bacteriology, nine months beginning October 1, 1949, $2166.75 (10-29-49).

SOWMAN, HAROLD G., Titanium Alloy Company Fellow, Ceramic Engineering, ten months beginning September 1, 1949, $1800 (10-27-49).

STERLEY, MRS. DORANNE P., Research Fellow, Physiology (Medicine), one year beginning October 6, 1949, $2600 (10-26-49).

WILLIAMS, DONALD B., Booth Fellow, Agricultural Economics, nine months beginning September 16, 1949, $1500, supersedes (11-15-49).

ZIMMERMAN, WILLIAM A., Fellow, Psychology (Graduate College), ten months beginning September 1, 1949, $200 a month (10-20-49).

RESIGNATIONS, DECLINATIONS AND CANCELLATIONS

ARNOLD, ROBERT A., Instructor, Full and Removable Partial Dentures (Dentistry) — resignation effective 10-1-49.

FOWLER, FRANK H., Clinical Instructor, Surgery (Medicine) — declination effective 9-1-49.

GRIFFITH, GORDON L., Special Research Assistant, Physics (S) — resignation effective 11-22-49, 5 p.m.

GRUNDSET, LLOYD H., Clinical Assistant, Medicine (Medicine) — resignation effective 9-1-49.

HERSHEY, ALBERT E., Research Professor, Mechanical Engineering (C & S) — resignation effective 9-1-49.

KUBITSCHEK, H. E., Special Research Assistant, Physics (C) — resignation effective 10-20-49, 5 p.m.

LAW, MARY L., Instructor, Clinical Speech (Otolaryngology) (Medicine) — resignation effective 10-15-49.

LEVENSON, STANLEY M., Clinical Instructor, Surgery (Medicine) — cancellation effective 9-1-49.

LIS, EDWARD F., Assistant, Pediatrics (Medicine) — cancellation effective 9-1-49.

MCARTHUR, E. MAINE, Research Assistant, Biological Chemistry (Medicine) — resignation effective 10-1-49.

NAKAMURA, TAKASHI, Fellow, Civil Engineering — resignation effective 9-16-49.

OZONE, KENJI, Research Assistant, Pediatrics (Medicine) — resignation effective 10-16-49.

PATHMAN, JULIAN H., Assistant Professor, Psychiatry, and Psychologist (Psychiatry) (Medicine) — resignation effective 12-31-49.

SCHUBERT, OSCAR E., Instructor and First Assistant, Pomology (Horticulture) (S & E) — resignation effective noon 12-19-49.

SHEN, YU-LING, Fellow, City Planning (Landscape Architecture) — resignation effective 11-1-49.

SMITH, HUBERT W., Professor, Legal Medicine (Criminology and Legal Medicine) (Medicine) — resignation effective 9-1-49.

WADDINGTON, HARRY K., Assistant, Obstetrics and Gynecology (Medicine) — cancellation effective 7-1-49.

PURCHASES

A. Purchases Authorized

The following purchases have been authorized by the President of the University on the recommendations of the Director of Purchases and the Comptroller. Unless otherwise specified, the purchases were made on the basis of lowest bids.

Item	*Department*	*Vendor*	*Cost*
Four stop motion camera motors for Bell & Howell Camera Model No. 2709	Physics	Richardson Camera Co., Hollywood, Calif.	$1 100 00 f.o.b. Los Angeles
Telephone services for transmission of Postgraduate Telephone Extension Program on Current Advances in Dentistry, as per schedule submitted to the American Telephone and Telegraph. (This is in addition to services approved on September 23, 1949, by the President of the University and reported to the Board of Trustees on September 29, 1949.)	Dentistry Postgraduate Studies	American Telephone and Telegraph Co., Chicago	2 000 00

B. Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

Item	*Department*	*Vendor*	*Cost*
15,000 Illinois Farm Record Books, Part I; 10,000 Illinois Farm Record Books, Part II	Agricultural Economics	Cushing-Malloy, Inc., Ann Arbor, Mich.	$2 425 00 f.o.b. Urbana
Approximately 5,500 8½ x 11 diplomas to be printed from steel engraving on Cranes Parchment Deed (for February, 1950, and June, 1950 graduates)	Office of Admissions and Records	W. M. Welch Diploma House, Chicago	2 640 00 f.o.b. Urbana
6,500 blue leather diploma covers	Office of Admissions and Records	W. M. Welch Diploma House, Chicago	9 620 00
300 dozen 6¼" salad plates; 300 dozen saucers	Illini Union Food Service	Arthur S. Schiller & Son, Chicago	1 802 34 f.o.b. Urbana
300 dozen 20" x 40" name woven ribbed gymnasium towels	Physical Education for Men	Carson Pirie Scott & Co., Chicago	2 344 50 f.o.b. Urbana
Five horizontal sectional steel filing cases, walnut finish	Chemistry	Lincoln Office Supply Co., Lincoln	1 124 72 f.o.b. Urbana
Approximately 85 tons rock phosphate, not less than 30% P_2O_5, to be delivered and spread on Allerton Farms in Piatt County	Agricultural Economics	Piatt County Service Co., Monticello	1 602 25
Twenty yearling steers, good grade, approximately 650 lbs. each	Animal Science	Chicago Producers Commission Association	3 200 00 delivered (estimated cost)
One tractor equipped with loader	Veterinary Research	Dana Hudelson, Inc., Champaign	1 579 00
One Ford V-8 ½ ton pickup truck with heater and oil filter	Agricultural Administration (for use at Dixon Springs)	Tom Purvis, Inc., Mattoon	1 274 26
One portable refrigerated centrifuge, Model PR-1 complete	College of Medicine, Bacteriology	A. S. Aloe Co., Chicago	1 830 70
Two transcription turntables with two motors—one for 33⅓ r.p.m. operation and one for 78.26 r.p.m. operation; two Universal pickup for lateral and vertical playback; two booster amplifiers for 115 volt 60 cycle a.c. operation	Radio Station WILL	Riley Music Co., Champaign	1 511 13 f.o.b. delivered

Item	*Department*	*Vendor*	*Cost*
One double monochromator to cover the spectral region from 2,000 to 50,000 angstroms with flint and lithium fluoride interchangeable prisms as specified by Physics Department	Physics	Carl Leiss Co., Berlin, Germany	1 013 00 f.o.b. Hamburg, Germany
One Haultain type infrasizer to operate on 110 volt, 60 cycle for use in micromeretic studies	Mining and Metallurgical Engineering	H. E. T. Haultain, Toronto, Canada	1 272 73 f.o.b. Toronto
One 1366E type 314 oscillograph record camera with F/1.5 lens (This company is recommended because it is the distributor for Illinois.)	Aeronautical Engineering	Alfred Crossley & Associates, Chicago	1 155 00 f.o.b. Urbana
22 fire hydrants (List 90) for 6 inch main with 4½ inch valve opening with two 2½ inch base connections and one 4½ inch pumper connection	Physical Plant for current extensions and for future replacements and extensions	Ludlow Valve Mfg. Co., Chicago	3 279 00 f.o.b. Urbana
Furnish and install system of sheet metal ductwork, outside air intake, louvres, dampers, D.E. coils, air-conditioning unit and all wiring, and including removal of existing cold diffusing units	Physical Plant, Chicago Animal Hospital	Dry-Kold Refrigeration Co., Evanston	1 325 00
Ten superheater elements part 2000, Dwg. D-404-28 (for installation in space now occupied by blind tube nipple, Part 2060); 12 one inch distributing plugs for inlet legs of above element and for two elements now on hand; 24 two inch Armco Ferrules A-1" MS-253; six pattern 40109 alloy element hooks	Physical Plant	Foster Wheeler Corp., New York, N.Y.	1 181 60
104 flourescent lighting fixtures	Physical Plant	Efengee Electrical Supply Co., Inc., Chicago	2 593 07 f.o.b. Urbana
60,000 lbs. 25 x 38 70 lb. white coated offset book paper	Office Supply Store	C. J. Duffey Paper Co., Rock Island, Ill.	7 938 00 f.o.b. Urbana
10,000 reams 8⅜ x 10⅞ 16 lb. white sulphite mimeograph bond	Office Supply Store	Bradner Smith & Co., Chicago	4 645 40 f.o.b. Urbana
Supply and installation of a refrigeration air-conditioning unit with all necessary equipment and controls	Surgery	Talbert-Thomas Co., Chicago	1 575 00
One Boles H16 motion picture camera with telescope shaft; one camera timer; beam splitter and focusing device with necessary parts for above	College of Medicine, Pathology	W. H. Kessel & Co., Chicago	2 550 00
One Tiselius electrophoresis apparatus with 11 cc. cell complete with accessories	Chemistry	Frank Pearson Associates, Flushing, N.Y.	7 505 00 f.o.b. Urbana
Repair existing lightning rods and install new rods where needed on Allerton Farms	Agricultural Economics	St. Louis Lightning Protection Co., St. Louis, Mo.	3 147 00
600 gal. paint; 150 gal. primer	Residence Halls	Jordan Paint Co., Champaign	2 226 15 f.o.b. Urbana
53,000 board feet, No. 1 fir lumber S4S-K/D old growth, square end trimmed with eased edges	Physical Plant	Illini Lumber Co., Champaign	5 653 80 f.o.b. Urbana

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED OCTOBER 11 TO NOVEMBER 10, 1949

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
Spencer Chemical Co.	Response of different crops when chemical nitrogen is added to the soil	$3 000 00	October 17, 1949
Koppers Company, Inc.	Chemical depoliants and selective herbicides	400 00	October 17, 1949

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
Commercial Solvents Corp.	Effect of benzene hexachloride on flavor of pork	500 00	October 27, 1949
Central Illinois Light Co.	Electric power on farms	2 000 00	August 26, 1949
Dairy Industries Supply Association, Inc.	Problems relating to the manufacture of ice cream	800 00	October 17, 1949
A. E. Staley Manufacturing Co.	Use and application of corn and/or soya products in the manufacture of dairy products	3 000 00	November 4, 1949
Navy Department, Office of Naval Research	Contract No. N6 ORI-07126	7 000 00	October 1, 1949

Adjustments in Authorizations Issued Prior to July 1, 1949, Under Cost-Plus Standing Contracts

With Whom	*Purpose*	*Amount*
Lewis S. Colbert	Six adjustments	$860 51
Reliable Plumbing and Heating Co.	Five adjustments	173 48
Schroeder's	One adjustment	75 00
Square Deal Electric	Five adjustments	246 67

Report of Contract Changes Executed October 11 to November 10, 1949

With Whom	*Purpose*	*Amount*	*Date*
Bellis and Miller, Inc.	Student and staff apartments	$1 202 66	October 28, 1949

Leases Executed Under General Regulations of the Board of Trustees for the Period from October 11 to November 10, 1949

With Whom	*Property*	*Amount*	*Date*
Medical Center Steam Co.	1121-25 S. Winchester, Chicago, Illinois	.....	October 17, 1949

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

January 12, 1950

The January meeting of the Board of Trustees of the University of Illinois was held on Thursday, January 12, 1950, at Hotel LaSalle, in Chicago, according to the following schedule:

10 a.m. — Executive session, as in Committee of the Whole.

2 p.m. — Open session.

The following members were present: President Williamson, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mrs. Watkins.

President George D. Stoddard was present; also Vice-President A. C. Ivy, Provost C. R. Griffith, Assistant to the President A. J. Janata, Secretary H. E. Cunningham, Treasurer I. L. Porter, Comptroller Lloyd Morey, Business Manager H. A. Hazleton, and, during the open session, Director J. F. Wright.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of September 29, October 25, and November 29, 1949.

On motion of Mr. Livingston, the minutes were approved as printed on pages 809 to 962 above.

MATTERS PRESENTED BY PRESIDENT STODDARD

The Board considered in executive session the following matters presented by the President of the University.

RECOMMENDATIONS FOR LAND ACQUISITION

(1) Future development of the University, both at Urbana-Champaign and at the Chicago Professional Colleges, necessitates acquisition of additional land. The Board of Trustees has already approved (Minutes, July 28, 1943, page 450) the acquisition of a specified area in Chicago. The Building Program Committee has recommended, with respect to Urbana-Champaign, that land in the area of contemplated development be acquired, when necessary, to prevent anticipated commercial development, or when property becomes available at attractive prices; that land be acquired, whenever possible, before its need by the University is made known publicly; and that land for all projects be acquired not later than the biennium preceding anticipated construction.[1]

The Director of the Physical Plant Department and the Comptroller recommend that these acquisitions be authorized. I concur in the general program proposed and recommend that authority be given to negotiate for the purchase of desirable properties at prices based on independent appraisals, to secure options where necessary, and to submit proposed purchase contracts to the Board. It is understood that all commitments will be subject to release of funds by the Governor.

The Provost and the Comptroller commented on this matter.

On motion of Mr. Livingston, authority was given as recommended.

RELEASES OF POTENTIALLY PATENTABLE DISCOVERIES

(2) The Department of Chemistry has reported potentially patentable discoveries made in the course of research work described as follows:

1. A discovery by Assistant Professor Robert L. Frank concerning the preparation and properties of metallic complexes of 2,5-dihydroxy-1,4-benzoquinone and its 3,6-disubstituted analogs, especially 3,6-diphenyl-2,5-dihydroxy-1,4-benzoquinone. Such compounds from insoluble coordinated complexes with a large variety of cations (examples are the ions of silver, mercury, magnesium, calcium, strontium, barium, copper, cadmium, zinc, aluminum, tin, arsenic, bismuth, iron, nickel, thorium, and uranium).

The insolubility of most of the complexes may make the reaction useful in the removal or separation of cations from solutions and also in the qualitative and quantitative analysis of such cations. Furthermore, some of the complexes themselves may have applications as pigments, stabilizers for plastics or petroleum products, fungicides, or as carriers of metals in certain drug applications.

2. In his researches on restricted rotation, Professor Roger Adams observed that certain *p*-phenylene diamine derivatives were readily oxidized to *p*-quinone diimides. Since this latter class of compounds is new and relatively simple in character, Professor Adams suggests that the University may wish to consider patenting them. To cover these adequately, the *p*-quinone di- and mono-imides, analogous substances in the naphthalene series and in the biphenyl series, probably would require about six patent applications.

The *p*-quinone diimides are of interest scientifically because, unlike the parent compounds, *p*-quinone monoimine and diimine, they are stable. Only in very complex molecules has the *p*-quinone diimine linkage been previously found to have stability. The rather simple derivatives described are yellow solids, which show no tendency to decompose. They are interesting because they should have reactions similar to *p*-quinones, a class of compounds very useful in the synthesis of many types of organic molecules.

To explore the potentialities of *p*-quinone diimides will require several years. Professor Adams is prepared to publish a report of this discovery, but before doing so he wishes to consider patenting this class of compounds as protection

[1] A more extended statement, specifying the properties recommended for acquisition, was presented to the Board and a copy has been filed with the Secretary for record.

against industrial laboratories noting what has been done and exploiting the scientific significance of this discovery, unless the University desires to patent them.

In the opinion of the Chairman of the University Research Board and his expert adviser on these particular cases, it is extremely unlikely that the discoveries would have any commercial value in themselves. Unless the University could follow an all-out patent program with promotion and development, the expense and work involved in patenting the discoveries would not be justified. The Chairman of the University Research Board recommends that these discoveries be released to the discoverers.

The Department of Electrical Engineering reports an invention by Paul M. Kintner, Instructor in Electrical Engineering, of a specialized oscilloscope intended for the study of low-frequency alternating current circuits. While this instrument may be useful in student laboratories, the likelihood that a patent covering these devices can be secured is very small in view of the amount of prior work done in this field. The practical significance of this invention appears to be small. The Chairman of the University Research Board therefore recommends release of this discovery to the inventor.

I concur in these recommendations.

On motion of Mr. Hickman, these releases were authorized as recommended.

APPRECIATION OF ROGER ADAMS

President Stoddard called attention to the election of Professor Roger Adams to be President of the American Association for the Advancement of Science in 1950. This is the largest organization of scientists in the world, and the election is a merited recognition of the eminent scientific attainments of Dr. Adams.

On motion of Mr. McLaughlin, the Secretary was directed to make record of the Board's appreciation of the attainments of Dr. Adams, and to prepare a copy for presentation to him.

STATUS OF APPLICATION FOR PATENT ON ELECTROSTATIC STORAGE SYSTEM FOR HIGH-SPEED COMPUTERS

(3) At its meeting on January 8, 1948 (Minutes, page 955), the Board authorized the filing of a patent application covering an invention by Professor Arthur L. Samuel of an electrostatic storage device for use in connection with high-speed computers.

The University's patent attorney has discovered a possible interference with this patent. In the meantime, Professor Samuel has left the University and developments in computer work during the past two years indicate that the Samuel invention will have far less significance than was thought at first. Therefore, the Chairman of the University Research Board recommends that the University do not prosecute an application for this patent.

I concur.

On motion of Dr. Meyer, this recommendation was adopted.

STATE APPROPRIATION FOR AGRICULTURAL STRUCTURES AND REMODELING PRESENT AGRICULTURAL BUILDINGS

(4) The State appropriations to the University for 1949-1951 for buildings and other capital improvements include $305,000 for "Construction of Agricultural Structures and Remodeling Present Agricultural Buildings."[1]

The Building Committee of the College of Agriculture has recommended that this appropriation be allocated for the following improvements:

Agricultural Engineering		
For construction of new space	$120 000	
For improvements in old space	40 000	$160 000

[1] The line appropriation is $290,000 and $15,000 is included for this purpose in the item for Contingencies.

Dairy Science			
New calf unit	10 000		
New goat unit	10 000		
New bull barn	35 000		
Improvement in milk handling facilities	20 000	75 000	
Other Improvements			
For minor additions and improvements at the feed storage center and to remodel space urgently needed by the Department of Food Technology. Specific allocation of this will depend on the results of further study by the Departments of Animal Science and Food Technology		70 000	$305 000

I concur in these recommendations.

On motion of Mr. Livingston, this matter was referred to the Committee on Agriculture for consideration and report.

FEDERAL FUNDS FOR CONSTRUCTION OF HOUSING FOR MARRIED STUDENTS AND STAFF, URBANA-CHAMPAIGN

(5) The Federal Housing Act of 1949 provides for certain assistance by the Federal Government to local housing agencies in the redevelopment of land and construction of low cost public housing facilities. The University of Illinois needs additional housing facilities for married students and junior staff members of the character proposed by the Housing Act and it needs to eliminate as rapidly as feasible the temporary housing facilities now in use.

A program is recommended (see attached memorandum) which proposes the following:

1. The University shall purchase land and convey it to the Champaign County Housing Authority.

2. The Champaign County Housing Authority shall borrow funds under the provisions of the Federal Housing Act and construct an apartment building of ninety-five units, such building to be similar to that now under construction on the Urbana campus but with sufficient reduction in cost to bring the cost within the limitations of the Housing Act.

3. The Champaign County Housing Authority will lease the building when completed to the University for a fixed annual rental adequate to pay the annual debt service on the obligation.

4. When the debt has been paid, the Champaign County Housing Authority will reconvey the land and improvements to the University.

This program represents a possible way in which the University can participate in the benefits proposed under the Federal Housing Act of 1949. I recommend that I be authorized to submit this program to the Champaign County Housing Authority and endeavor to secure its acceptance. It is understood that any final program would be submitted to the Board of Trustees for their consideration and further notice.

On motion of Mr. McLaughlin, authority was granted as recommended.

CHICAGO HOUSING PROJECTS

(6) The Comptroller presents a review of recent estimates of cost secured on the proposed student residence hall and staff apartment building at the Medical Center, and reports from the Equitable Life Assurance Society as to the maximum loan that could be secured. The reports show that the estimated costs exceed the maximum that can be borrowed.

Mr. Livingston and Dr. Ivy made statements on this matter.

Mr. Amos Watts, of the firm of Chapman and Cutler, commented on this matter, with special reference to the requirements of equity and income necessary to support a marketable bond issue.

After discussion, and on motion of Mr. Fornof, this matter was referred to the Committee on Chicago Departments, for inquiry into and study of all phases of the proposal. It was the consensus of the Board that the employment of special counsel should be continued, and that funds already appropriated for this project ($50,000, for the purchase of land, July 21, 1948, page 7), should be used for the preparation of plans and specifications, if approved by the Committee.

OPEN SESSION

After luncheon, at 2 p.m., the Board convened in open session. Mr. Fred H. Ebersold, President of the Alumni Association, was present on invitation of President Williamson.

APPOINTMENTS TO THE FACULTY MADE BY THE PRESIDENT OF THE UNIVERSITY

The Secretary reported that the President has approved the following new appointments to the faculty of the rank of Assistant Professor and above since the previous meeting of the Board of Trustees:

1. STEPHEN B. BINKLEY, Associate Professor of Biological Chemistry, beginning November 1, 1949, at an annual salary of $7,500.
2. WALKER BLEAKNEY, Visiting Professor of Physics, beginning September 16, 1949, at an annual salary of $7,500.
3. ALOYSIUS W. BUREK, Assistant Professor of Hygiene, beginning January 1, 1950, at an annual salary of $7,000.
4. RUDOLF CARNAP, Visiting Professor of Philosophy, beginning February 14, 1950, at an annual salary of $12,000.
5. ALBERT W. HEYER, JR., Assistant Professor of Psychology, beginning February 1, 1950, at an annual salary of $4,500.
6. ALMA E. HILLER, Associate Professor of Biological Chemistry, beginning December 1, 1949, without salary.
7. CARL A. JOHNSON, Assistant Professor of Clinical Science, beginning February 1, 1950, without salary.
8. F. R. METZGER, Assistant Professor of Physics, beginning February 1, 1950, at an annual salary of $4,500.
9. JOHN P. NASH, Research Assistant Professor of Applied Mathematics, beginning February 1, 1950, at an annual salary of $7,200.
10. EDWARD H. TYNER, Professor of Soil Fertility, beginning February 1, 1950, at an annual salary of $6,400.
11. GILBERT WATERHOUSE, Exchange Professor of German, beginning September 1, 1950, at an annual salary of $6,300.

On motion of Mrs. Holt, these appointments were confirmed.

MATTERS PRESENTED BY PRESIDENT STODDARD

The Board considered the following matters presented by the President of the University.

CONSULTANT ON CAMPUS PLANNING AND DEVELOPMENT

(1) I recommend that the firm of Gregg and Briggs, Architects and Engineers, Chicago and Peoria, Illinois, be employed as consultant to the University on campus planning and development. The services would include the following features:

1. To make campus studies, plans, and models looking to the future development of the campus at Urbana-Champaign;
2. To advise the Building Program Committee in relation to the design and placement of new buildings, including housing;
3. To serve as a consultant on the major remodeling and reconstruction of campus buildings;

4. To relate the campus plan, as a whole, to the community development plan in which the University has been participating;

5. Mr. Cecil C. Briggs, partner in the firm, who has been serving as Visiting Professor of Architecture on one-half time since September, 1948, to continue his teaching service as part of this assignment.

I further recommend that this employment be effective as of January 1, 1950, and that the combined consultant's fee for the services for the calendar year 1950 be $19,800, this to include the salary of Professor Briggs as half-time professor at his present rate of $4,800.

An appropriation of $15,000 is required.

This proposal is not without well-established precedent in this University and in other institutions of higher education. In past years the University of Illinois has had the benefit of advice and cooperation from several distinguished architects, among them Clarence H. Blackall of Boston, of the Class of 1877; W. Carbys Zimmerman, who was State Architect from 1905-1913; Daniel H. Burham, the father of the Chicago City Plan; Holabird and Roche of Chicago; Charles A. Platt of New York; Howard L. Cheney (Consulting Architect for the Illini Union Building). More recently we have had a Consultative Committee on Architecture (Messrs. Howard L. Cheney, Chicago; J. Robert F. Swanson, Bloomfield Hills, Michigan; George L. Horner, State University of Iowa; and Chance S. Hill, Oak Park, Illinois).

We have already used Mr. Briggs as a consultant on a temporary basis in connection with the design of the Veterinary Medicine and Animal Science Buildings. As a result we achieved some substantial savings in costs without a diminution in building function.

On motion of Mr. McLaughlin, these recommendations were adopted. The appropriation was made by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stevenson.

APPOINTMENT OF DIRECTOR OF INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS

(2) Professor Charles M. Kneier, Chairman of the Department of Political Science, has also been serving as Acting Director of the Institute of Government and Public Affairs since September 1, 1948. He accepted this administrative assignment on an acting basis, with the understanding that he would be relieved when a permanent Director is appointed.

I recommend the appointment of Dr. Royden Dangerfield, now Director of Studies at the National War College and on leave of absence as Professor of Political Science at the University of Wisconsin, as Professor of Political Science and Director of the Institute of Government and Public Affairs, at an annual salary of $10,000 on a Y basis (twelve months' service with one month's vacation) effective August 1, 1950.

On motion of Mr. Livingston, this appointment was made as recommended.

APPOINTMENT OF HEAD OF THE DEPARTMENT OF ENGLISH

(3) Professor Paul N. Landis who has been serving as Acting Head of the Department of English since February 1, 1949, and who previously served as Vice-Chairman for a year and a half, has asked to be relieved of this administrative assignment, effective July 1, 1950, in order to return to full-time undergraduate teaching.

I recommend that his request be granted. Also I take this occasion to express my warm appreciation of his services.

The Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. Gordon Ray, who has been Professor of English since September 1, 1946, as Professor and Head of the Department of English on indefinite tenure, effective July 1, 1950, at a salary of $8,500 an academic year.

I concur in this recommendation.

On motion of Mrs. Watkins, Professor Landis was relieved of his administrative duties, Professor Ray was appointed as recommended, and the Secretary was directed to inform Professor Landis of the Board's appreciation of his services.

CHANGE IN THE ORGANIZATION OF THE DEPARTMENT OF ECONOMICS

(4) The Dean of the College of Commerce and Business Administration reports that the members of the faculty of the Department of Economics, now organized with a head, have voted in favor of changing the organization of the department to one with a chairman. The Dean recommends that this change be made. I concur.

The Executive Committee of the Department and the Dean of the College recommend the appointment of Dr. Everett E. Hagen, now Professor of Economics, as Professor of Economics on indefinite tenure and Chairman of the Department until August 31, 1951, at an annual salary of $11,000 for twelve months' service including one month's vacation, effective January 1, 1950.

They also recommend the appointment of Dr. Paul M. Van Arsdell, now Professor of Economics and Administrative Assistant to the Head of the Department, as Professor of Economics on indefinite tenure on one-half time, and Vice-Chairman of the Department of Economics until August 31, 1951, on one-half time, at a salary of $7,500, effective January 1, 1950, services as Professor on one-half time to be required during the two semesters of the academic year beginning in September and ending in June and services as Vice-Chairman to be required on a twelve months' basis including one month's vacation.

I recommend that these appointments be made.

On motion of Mr. Livingston, these recommendations were adopted.

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

(5) The Committee on Accountancy recommends that the following persons be awarded the certificate of Certified Public Accountant under Section 5 of the Accountancy Act of 1943; they hold valid and unrevoked certificates issued by other states of the United States:

Frederick Otho Dickson (Ind.)
Paul William Fudemberg (Mo.)
Joseph Solomon Herbert (N.Y.)
Arthur Netzer (N.Y.)
George Marvin Rayburn (Nebr.)
Max Arthur Reinstein (N.C.)
Robert Homer Sharp (N.C.)
Tom E. Sudholt (Mo.)
Charles William Tucker (Mass.)

I concur.

On motion of Mrs. Holt, these certificates were awarded as recommended.

VETERINARY MEDICINE BUILDING

(6) The Dean of the College of Veterinary Medicine recommends that the new building to be constructed for that College be officially named Veterinary Medicine.

I concur.

On motion of Mr. Fornof, this building was named as recommended.

RELEASE OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

(7) The Governor has approved the following release of funds from appropriations made to the University of Illinois for 1949-1951 for buildings and other capital improvements:

Release No. 14

"For Permanent Improvements at Urbana-Champaign
Additions to Power and Heating Plant and Remodeling of Existing Buildings".....$150 000

This is a partial release from an appropriation of $1,215,000 of which $880,000 has been budgeted for additions to the power plant and $263,500 for remodeling of

existing buildings, of which $137,465 has been earmarked for safety improvements in the Noyes Laboratory of Chemistry. The funds now released are for the construction of new stairways at the northwest and southwest entrances to the building, contracts for which were awarded by the Board of Trustees on November 29, 1949.

Release No. 15

"For Permanent Improvements at Chicago
Construction of Addition to Present Hospital".....$5 804 110

This is a partial release from an appropriation of $7,395,000. The Governor has previously released (Release No. 8) $246,000 for architectural and engineering services for this project. The funds now released are for:

Building Construction (as per contracts awarded by the Board of Trustees on November 29, 1949		$5 368 629
Improvements Other Than Buildings		
Grading and Landscaping	$ 5 700	
Utility Extension	37 200	42 900
Expenditures During Construction		
Maintaining Present Services During Construction	9 200	
Relocating Departments	64 300	73 500
Allowances for Adjustments		74 900
		$5 559 929

I recommend that the funds released be appropriated for the purposes specified.

On motion of Mrs. Holt, these funds were appropriated as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stevenson.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(8) The Committee on Nonrecurring Appropriations recommends assignments of funds from the "Reserve for Nonrecurring Purposes" in the budget for 1949-1950 as follows:

For cooperative use of College of Pharmacy and College of Agriculture	
1. Buildings for Drug Plant Experiment Station	$ 65 000
For the Urbana-Champaign Campus	
2. Installation of equipment in Mechanical Engineering laboratories	32 000
3. Utility Building for crop storage research	6 000
4. Remodeling of Horticulture Field Laboratory (additional)	4 100
5. Remodeling of rooms in David Kinley Hall	2 300
6. For preliminary work on plans and specifications for proposed Biology Building	10 000
For the Chicago Professional Colleges	
7. Remodeling of quarters and equipment for Department of Biological Chemistry to be charged against State appropriations for buildings and other capital improvements for 1949-1951	[100 000]
8. Purchase of three business machines for office of Business Manager of the Chicago Professional Colleges	1 200
9. Remodeling of research laboratory and general service room in the Medical and Dental College Laboratories Building for the Department of Bacteriology	975
10. Shelves and cabinets for autopsy and surgical reports room in the Medical and Dental College Laboratories Building for the Department of Pathology	700
Total from Reserve for Nonrecurring Purposes	$122 275

I concur.

The requests for these assignments of funds have been carefully studied by the Committee on Nonrecurring Appropriations. Reports of the Committee, giving details on each item, are submitted herewith.

On motion of Mr. Herrick, these appropriations were made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stevenson.

APPROPRIATION FOR GRADUATE FELLOWSHIPS FOR 1950-1951

(9) The Dean of the Graduate College recommends that an appropriation of $150,000 be made at this time for graduate fellowships for the year 1950-1951. The same amount was appropriated for the current academic year and is included in the preliminary budget estimates for next year. It is desirable that funds be committed now so that fellowship awards can be made and announced on April 1, 1950.

I concur.

On motion of Mr. Livingston, this appropriation was made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stevenson.

FEDERAL FUNDS FOR ADVANCE PLANNING

(10) Public Law 352 enacted by the Eighty-first Congress provides additional funds to be loaned by the federal government to states and their political subdivisions to complete the plan preparation of public works. This is similar to a previous program under which the University received advances of funds for the plan preparation for the student and staff apartment building and the hospital addition at Urbana and the student residence halls and nurses home in Chicago.

The new law provides that the federal government will advance 25 per cent of the agreed sum and the remainder of the costs will be paid when the plans have been completed and approved by the Community Facilities Service of the General Services Administration. The monies advanced by the federal government for any project must be repaid without interest whenever funds become available for the construction of that project. If it is not started within three years and the funds advanced by the federal government have not been repaid within this period, the University will not be eligible to apply for loans or advances on any other public works under the provisions of this law.

The Building Program Committee recommends that the University apply for advances for the preparation of plans for the following buildings:

Building	*Building Cost*	*Plan and Specification Cost*
Biology Building	$ 5 000 000	$225 000
Pharmacy Building	5 500 000	247 500
Student and Staff Housing	3 000 000	135 000
Law Building	2 300 000	103 500
Psycho-Educational Clinic	1 800 000	81 000
Physics Building Addition	1 200 000	54 000
	$18 800 000	$846 000

I concur and request that the Board of Trustees adopt the attached resolution (see Appendix, page 981), authorizing the filing of an application with the United States of America for such an advance.

On motion of Mrs. Watkins, the resolution was adopted as recommended.

PROFESSIONAL WORK EXPERIENCE REQUIREMENTS IN UNIVERSITY CURRICULA

(11) The University Senate recognizes that it may be desirable for students to gain practical experience in their professional fields while pursuing certain programs of study in the University and that they may be strongly advised to do so. In general, such programs should be established and monitored by the licensing agencies or the professional associations concerned rather than by the University. Since, however, some programs of this type are or may be required by the University, the University Senate recommends adoption of the following policy:

1. The term "professional work experience" is defined as a term of service, usually away from the campus, in the vocational or professional field for which a student is preparing himself in a program of studies leading to a degree.

2. A professional work experience program may be made a requirement for a degree if the program is under the general supervision of the University.

3. Excepting regularly approved academic credit courses which may require field experience as a part of the laboratory work for credit, no formal academic credit will be granted for professional work experience.

4. In cases where the requirement for professional work experience is met by work done for the University, the University may pay for such work only when it would otherwise have to be done by an employee of the University and is not organized solely to provide such experience for the student.

I concur.

On motion of Mr. Livingston, this policy was adopted.

CONTRACT FOR EQUIPMENT FOR ADDITION TO RESEARCH AND EDUCATIONAL HOSPITALS IN CHICAGO

(12) The Director of the Physical Plant and the Comptroller recommend award of a contract for $189,138.83 to the Laboratory Furniture Company, Long Island City, New York, the lowest bidder, for the laboratory installations in the addition to the Research and Educational Hospitals in Chicago. Detailed plans and specifications based on the recommendations of the academic departments concerned were prepared by the Physical Plant Department and bids were invited by the Purchasing Division of the Chicago Business Office.

Funds are available for this work in the State appropriation to the University for 1949-1951 for "Construction of Addition to Present Hospital."

I recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract subject to release of funds by the Governor.

On motion of Dr. Meyer, authority was given as recommended.

CONTRACT FOR STRUCTURAL STEEL FOR POWER PLANT ADDITION

(13) The Director of the Physical Plant and the Comptroller recommend award of a contract for $6,094 to Hansell-Elcock Company, Chicago, the lowest bidder, for the structural steel for the turbine room addition of the Abbott Power Plant at Urbana-Champaign, subject to the release of funds by the Governor. Funds are available in the State appropriation for 1949-1951 for "Additions to Power and Heating Plant and Remodeling of Existing Buildings."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the contract.

On motion of Mrs. Watkins, authority was given as recommended.

CONTRACT FOR EXTENSION OF STEAM SERVICE IN STUDENT AND STAFF APARTMENTS AREA

(14) The Director of the Physical Plant and the Comptroller recommend the award of a contract for $16,479 to the Northwestern Heating and Plumbing Company, Evanston, Illinois, the lowest bidder, for the extension of steam service from the southwest corner of the first six-story building of the Student and Staff Apartments on Goodwin Avenue and Green Street to the second six-story building now under construction. Funds are available.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Holt, authority was given as recommended.

CONTRACT FOR DRY CLEANING SERVICE FOR STUDENTS IN UNIVERSITY RESIDENCE HALLS

(15) It has become desirable to provide a central procedure for dry cleaning service for men living in University residence halls at Urbana-Champaign. It may be desirable later to provide a similar service in women's halls. It would be operated as a part of the "canteen" service established in some of the residence halls. A contract would be made with one company for all such service, handled through the canteen, and all pick-ups and deliveries would be made from a central point in the halls. The hall management would supervise the collection of accounts and the payments to the contracting company. This service would not prevent any resident in the halls from having his dry cleaning done by another service.

The Purchasing Division invited bids on this service from all local cleaners. Six bids were secured, and the best proposal is offered by William and Earnest Beightler, a partnership operating as "Chief Illini Cleaners." The schedule gives the lowest rates for individual items and a discount of 20 per cent for women's work and 25 per cent for men's work. This discount would be retained to cover the administrative cost of handling the centralized service, except that 5 per cent would be paid to the student organization in the halls for its social programs. The students would benefit by the lower schedule of rates.

The Director of Housing, the Director of Purchases, and the Comptroller recommend that a contract be made with the "Chief Illini Cleaners" on the basis of their bid to provide service in the Men's Residence Halls and that the contract be extended to include the Women's Residence Halls if that becomes desirable. All financial obligation assumed by the University is covered by collections to be made from students, including the overhead expense.

I recommend approval.

On motion of Dr. Meyer, this contract was awarded as recommended.

CONTRACT FOR REMODELING IN MEDICAL AND DENTAL COLLEGE LABORATORIES BUILDING

(16) The Director of the Physical Plant and the Comptroller recommend the award of a contract for $1,696 to the Mutual Contracting Company, Chicago, Illinois, the lowest bidder, for remodeling of Room 166 in the Medical and Dental College Laboratories Building. The work required consists of the construction of glass partitions, installation of lighting fixtures, and incidental changes to provide additional needed office space.

Funds are available in the special appropriation made by the Board of Trustees for this on October 25, 1949 (Minutes, page 922).

I concur and recommend that the Comptroller and Secretary of the Board be authorized to execute this contract.

On motion of Mr. Fornof, authority was given as recommended.

CONTRACT FOR INSTALLATION OF FIRE PUMP IN CHICAGO ILLINI UNION

(17) The Director of the Physical Plant and the Comptroller recommend award of a contract in the amount of $15,680 to the Economy Plumbing and Heating Company, Chicago, the lowest bidder, for the installation of a fire pump in the Chicago Illini Union Building.

The work required consists of furnishing and installing a 500 gallon per minute fire pump with all necessary pipes from city water main and to existing standpipe system with the necessary electrical work as required to operate the pump as prescribed by code. Also the installation of a sprinkler system as requested by the Chicago Fire Prevention Bureau of the Chicago Fire Department in the room used for lumber storage.

Funds are available in the budget of the Physical Plant Department for this work.

I concur and recommend that the Comptroller and Secretary of the Board be authorized to execute this contract.

On motion of Dr. Meyer, authority was given as recommended.

ADDITION TO ELECTRICAL CONTRACT FOR CONSTRUCTION OF EAST CHEMISTRY BUILDING

(18) The Director of the Physical Plant and the Comptroller recommend an increase of $2,066.20 in the contract with the Leverenz Electric Company for the electrical work in the construction of the East Chemistry Building. This increase is to provide for the furnishing and installation of electrical outlets and connecting machinery in Rooms 19 and 23.

Funds are available in the State appropriation for "Acquisition and Installation of Chemistry Building Equipment."

I concur and request that the Comptroller be authorized to execute this addition to the contract.

On motion of Mr. Hickman, authority was given as recommended.

GIFT FROM THE CHAMPAIGN-URBANA KIWANIS CLUB AND ALPHA GAMMA DELTA SORORITY

(19) The Kiwanis Club and the alumnae chapter of the Alpha Gamma Delta Sorority in Champaign-Urbana have turned over to the University $2,033.72 representing the proceeds of a dance to raise funds to aid Dr. Severina Nelson, Associate Professor of Speech and Director of the Speech Clinic, in her work with children suffering from cerebral palsy. The fund has been accepted by the University and has been made available for the purpose indicated.

I am happy to report this generous contribution of the Champaign-Urbana Kiwanis Club and the Alpha Gamma Delta Sorority.

On motion of Mr. Livingston, this report was received for record, and the Secretary was directed to express to the donors the appreciation of the Board.

PURCHASES

(20) A report of (A) emergency purchases authorized and (B) purchases recommended (see Appendix, page 982).

On motion of Dr. Meyer, the action of the President of the University in authorizing emergency purchases was approved and confirmed, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(21) The Comptroller's report of contracts executed from November 11 to December 10, 1949 (see Appendix, page 984).

This report was received for record.

INVESTMENTS

(22) The Finance Committee reports the following transactions involving securities:

ENDOWMENT FUNDS

Purchase:

$7,000 Central Illinois Electric and Gas Company first mortgage 3% bonds, due 1975 ..... $ 7 215 25

$15,000 U. S. Series G 2½% Savings Bonds, due 1961 ..... 15 000 00

This report was received for record.

REPORT OF EMERGENCY PURCHASES OF COAL

(23) As a result of the coal strike, on October 25, 1949, the Board of Trustees authorized the President of the Board and the Comptroller to approve emergency purchases of coal at the best price obtainable by the Director of Purchases. The

following is a report of such purchases made since the last Board meeting on November 29, 1949:

	Price (f.o.b. mine)	*Freight*	*Total*
Urbana			
Haddaway Coal Co., St. Louis, Missouri			
4,000 tons (approximately)			
Per ton	$ 3 25	$ 2 64	$ 5 89
Total	13 000 00	10 560 00	23 560 00
C. V. Beck & Co., St. Louis, Missouri			
1,250 tons			
Per ton	4 00	2 05	6 05
Total	5 000 00	2 562 50	7 562 50
Haddaway Coal Co., St. Louis, Missouri			
1,250 tons			
Per ton	3 50	2 64	6 14
Total	4 375 00	3 300 00	7 675 00
Total, Urbana	(22 375 00)	(16 422 50)	(38 797 50)
Chicago			
Roth-Adam Fuel Co., Chicago			*(Delivered prices)*
275 tons ½" washed screenings			
Per ton			8 50
Total			2 337 50
Oberheide Coal Co., Chicago			
165 tons ¾"-1½"			
Per ton			10 50
Total			1 732 50
Fleming Coal Co., Chicago			
500 tons 1¼"-0 washed screenings			
Per ton			9 61
Total			4 805 00
Total, Chicago			(8 875 00)
	$22 375 00	$16 422 50	$47 672 50

This report was received for record.

SECRETARY'S REPORTS

The Secretary reported the following lists for record, as printed in the Appendix.

1. Appointments made by the President of the University (page 976).
2. Graduate fellows (page 979).
3. Resignations, declinations, and cancellations (page 980).
4. Leaves of absence (page 981).

The Board adjourned.

H. E. CUNNINGHAM
Secretary

KENNEY E. WILLIAMSON
President

APPENDIX

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. Part-time appointments are shown by fractions after the name of the department. C = College; S = Station; E = Extension.)

ABROMOWITZ, ADA, Instructor, Social Welfare Administration, nine months beginning December 1, 1949, $3880 a year, supersedes (12-20-49).

ADAMS, RAYMOND J., Assistant, Orthopaedic Surgery (Medicine), six months beginning January 1, 1950, without salary (1-5-50).

ANDERSON, MARGARET L., Instructor, Social Welfare Administration, nine months beginning December 1, 1949, $4000 a year, supersedes (12-20-49).

BARD, GREGORY, Instructor, Physical Medicine and Rehabilitation (Medicine), ten months beginning November 1, 1949, $4800 a year (12-2-49).

BINKLEY, MAX A., Instructor, Accountancy (Business Organization and Operation) (½), six months beginning March 1, 1950, to render service during the second semester of the academic year, $137.50 a month, supersedes (11-28-49).

BINKLEY, STEPHEN B., Associate Professor, Biological Chemistry (Medicine), ten months beginning November 1, 1949, to render service during the academic year, $7500 a year (11-23-49).

BLEAKNEY, WALKER, Visiting Professor, Physics (C & Graduate College), nine months beginning September 16, 1950, $7500 a year (12-22-49).

BRIGHTON, GERALD D., Instructor, Accountancy (Business Organization and Operation) (½), six months beginning March 1, 1950, to render service during the academic year, $1700 a year, supersedes (12-17-49).

BRONSON, BARBARA, Acquisition Assistant, Library, December 4, 1949-August 31, 1950, $3500 a year (12-2-49).

BUCHMASTER, ROBERT E., Assistant, Orthopaedic Surgery (Medicine), six months beginning January 1, 1950, without salary (1-5-50).

BUREK, ALOYSIUS W., Assistant Professor, Hygiene, and Medical Adviser for Men, Health Service, eight months beginning January 1, 1950, $7000 a year (12-2-49).

BURNETTE, PAUL J., Education, Philosophy, and Psychology Librarian, rank of Instructor, Library, eight months beginning January 1, 1950, $375 a month (12-22-49).

CARNAP, RUDOLF, Visiting Professor, Philosophy, February 14-June 13, 1950, $5000 (12-23-49).

COME, LOIS B., Research Assistant, Medicine (Medicine), November 14, 1949-August 31, 1950, $2400 a year (12-17-49).

COYLE, HELEN, Lecturer, Social Welfare Administration, four months beginning February 1, 1950, $200 a month (1-5-50).

CRAMER, GLENN E., Instructor, General Engineering Drawing (Undergraduate Division in Chicago), September 5, 1949-August 31, 1950, to render service during the academic year, $4500 a year, supersedes (1-5-50).

DELL, PAUL C., Lecturer, Psychiatry, rank of Professor (Medicine), nine months beginning December 1, 1949, $5000 a year (12-2-49).

DOLLINS, CURTIS W., Special Research Assistant Professor, Engineering Materials (Theoretical and Applied Mechanics) (S), eight months beginning January 1, 1950, $6000 a year, supersedes (12-13-49).

DOYLE, MRS. VIRNELLE, Instructor, Social Welfare Administration, nine months beginning December 1, 1949, $3900 a year, supersedes (12-20-49).

DRAKE, MRS. ALINA, Instructor, Social Welfare Administration, nine months beginning December 1, 1949, $3804 a year; for convenience of employee, one meal daily while on duty valued at $96 a year will also be provided, supersedes (12-20-49).

DYER, EVOLYN, Instructor, Clinical Speech (Division of Services for Crippled Children) (½), eleven months beginning October 1, 1949, $150 a month, and in Department of Otolaryngology (Medicine) (½), October 15, 1949-August 31, 1950, $150 a month (12-2-49).

FELLOWS, ARNOLD L., Instructor, English (½), six months beginning March 1, 1950, to render service during the academic year, $925, supersedes (12-22-49).

FINLAY, GILBERT C., Assistant Professor, Education, Assistant to the Dean of the College of Education, and Head of Counseling Services, two years beginning September 1, 1949, $5300 a year, supersedes (11-22-49).

FORD, ALBERT T., Assistant Professor, Naval Science, December 13, 1949-until further notice, without salary (12-27-49).

FOSTER, CAROL, Assistant Teacher, Nursery School (Division of Special Services for War Veterans), seven months beginning January 1, 1950, to render service during the academic year, $208.34 a month (12-31-49).

GANNON, NORMAN, Special Research Assistant, Economic Entomology (C & Natural History Survey) (½), eight months beginning October 1, 1949, $125 a month, and on full time, three months beginning June 1, 1950, $250 a month (11-22-49).

GARNESKI, THOMAS M., Electroencephalographer, Psychiatry (Medicine), December 28, 1949-August 31, 1950, $233.33 a month (1-6-50).

GARRIGUS, UPSON S., Assistant Professor, Animal Science (C) (½), to render service during each academic year, and in the Agricultural Experiment Station (½) (on Y basis), January 1, 1950-August 31, 1951, $5300 a year, supersedes (12-13-49).

GIBSON, DAVID M., Special Research Assistant, Chemistry (Graduate College), eight months beginning January 1, 1950, $2800 (12-13-49).

GILMAN, STANLEY F., Special Research Associate, Mechanical Engineering (C), one year beginning September 1, 1949, $4500, supersedes (12-7-49).

GONNERMAN, ALICE, Instructor, Social Welfare Administration, nine months beginning December 1, 1949, $3360 a year, supersedes (12-20-49).

GOVE, S. K., Research Assistant, Institute of Government and Public Affairs, one year beginning January 1, 1950, $3800 (12-22-49).

GRISSOM, ROBERT L., Associate, Medicine (Medicine), eight months beginning January 1, 1950, $6500 a year (1-6-50).

HAASE, ERNST, Consultant, Illinois Eye and Ear Infirmary (Neurology and Neurological Surgery) (⅕), and Clinical Assistant Professor, Neurology (Psychiatry) (⅕) (Medicine), one year beginning September 1, 1949, $3000, supersedes (1-6-50).

HAM, JOHN P., Lecturer, Social Welfare Administration (¼), four months beginning February 14, 1950, $600 (12-22-49).

HARKNESS, ETHEL T., Research Assistant, Bacteriology (Medicine), ten months beginning November 1, 1949, $300 a month (11-22-49).

HEYER, ALBERT W., JR., Assistant Professor, Psychology, seven months beginning February 1, 1950, to render service during the second semester of the academic year, $321.43 a month (12-30-49).

HILLER, ALMA E., Associate Professor, Biological Chemistry (Medicine), nine months beginning December 1, 1949, to render service during the academic year, without salary (12-5-49).

HOLT, ALFRED S., Research Associate, Botany (Graduate College), eight months beginning January 1, 1950, $425 a month (12-7-49).

JACOBS, HARRY J., Assistant, Accountancy (Business Organization and Operation), February 1-June 15, 1950, $1400, supersedes (12-17-49).

JAMES, ROBERT M., Instructor, Accountancy (Business Organization and Operation) (½), six months beginning March 1, 1950, to render service during the second semester of the academic year, $137.50 a month, supersedes (11-28-49).

JOHNSON, CARL A., Assistant Professor, Clinical Science (Medicine), seven months beginning February 1, 1950, without salary (1-5-50).

JUDIESCH, MARGARET, Instructor, Social Welfare Administration, nine months beginning December 1, 1949, $3204 a year; for convenience of employee, one meal daily while on duty valued at $96 a year will also be provided, supersedes (12-20-49).

KESEL, ROBERT G., Professor, Applied Materia Medica and Therapeutics, and Head of the Department, indefinite tenure, and Lecturer, Postgraduate Evening Courses (Postgraduate Studies), one year (Dentistry), beginning September 1, 1949, $11,240 a year, supersedes (12-13-49).

KIELY, JAMES P., Instructor, Physiology (Medicine), eleven months beginning October 1, 1949, to render service during the academic year, $4500 a year, supersedes (12-7-49).

KNIERING, ROBERT F., Research Assistant, Medicine (Medicine), one year beginning December 12, 1949, $2850 (1-5-50).

KREBS, MARGARET, Instructor, Social Welfare Administration, nine months beginning December 1, 1949, $3004 a year; for convenience of employee, one meal daily while on duty valued at $96 a year will also be provided, supersedes (12-20-49).

KUBACKI, W. HOWARD, Professor, Full and Removable Partial Dentures, and Head of the Department, and Director of the Dental Clinics, indefinite tenure, Lecturer in Postgraduate Evening Courses (Postgraduate Studies), one year (Dentistry), beginning September 1, 1949, $9240 a year, supersedes (12-13-49).

LEGRAND, DOROTHY L., Assistant, Home Economics (S), one year beginning September 1, 1949, $3500, supersedes (12-2-49).

LERNER, ISADORE, Clinical Assistant, Pediatrics (Medicine), nine months beginning December 1, 1949, without salary (12-13-49).

LINK, WALDEMAR A., Assistant Professor, Operative Dentistry (Dentistry) (⅖), December 1, 1949-August 31, 1951, $2080 a year, supersedes (12-13-49).

MACLEAN, FLORENCE M., Assistant Professor, Occupational Therapy, Clinical Director, Occupational Therapy (Physical Medicine and Rehabilitation) (Medicine), one year beginning September 1, 1949, $4500, supersedes (1-5-50).

MALKUS, WILLEM V. R., Instructor, Physics (Undergraduate Division in Chicago) (⅔), November 9, 1949-June 30, 1950, to render service during the academic year, $240 a month (1-5-50).

MASSLER, MAURY, Professor, Graduate Pedodontia, indefinite tenure, Lecturer in Postgraduate Evening Courses (Postgraduate Studies), one year (Dentistry), beginning September 1, 1949, $8925 a year, supersedes (12-13-49).

MCPHERSON, WILLIAM H., Professor, Economics (Economics) (Institute of Labor and Industrial Relations), indefinite tenure beginning September 1, 1949, to render service during each academic year, $6000 a year, supersedes (12-13-49).

METZGER, F. R., Assistant Professor, Physics (C), six months beginning February 1, 1950, to render service during the second semester of the academic year, $375 a month (12-30-49).

MEYER, JULIA, Research Associate, Oral Pathology (Dentistry), six months beginning January 1, 1950, $350 a month (12-17-49).

MILLER, WILLIAM H., Assistant Professor, Music (¾), six months beginning March 1, 1950, to render service during the academic year, $312.50 a month, supersedes (12-13-49).

NASH, JOHN P., Research Assistant Professor, Applied Mathematics (Graduate College), February 1, 1950-October 31, 1951, $600 a month (12-22-49).

OINK, ETHEL G., Serials Librarian, rank of Assistant (Undergraduate Division in Chicago), February 6-August 31, 1950, $3200 a year (1-6-50).

PASTVA, MRS. ELOISE C., Research Associate, Psychology (Psychiatry) (Medicine), nine months beginning December 1, 1949, $416 a month (12-13-49).

RICHMOND, JULIUS B., Professor, Pediatrics (Medicine), indefinite tenure, Lecturer, Social Welfare Administration (Urbana), nine months, beginning December 1, 1949, $8450 a year, supersedes (1-5-50).

ROSENWALD, ALAN K., Instructor, Psychiatry, Clinical Psychologist (Psychiatry) (Medicine), eight months beginning January 1, 1950, $500 a month, supersedes (12-2-49).

ROSENWALD, ALAN K., Assistant Professor, Psychiatry, Clinical Psychologist (Psychiatry) (Medicine), eight months beginning January 1, 1950, $500 a month, supersedes (1-5-50).

RUBIN, LOUIS, Clinical Instructor, Dermatology (Medicine), November 9, 1949-August 31, 1950, without salary (12-2-49).

RUSSELL, MARIAN E., Associate Professor, Social Welfare Administration, Supervisor, Social Case Work, rank of Associate Professor, December 1, 1949-August 31, 1951, $6000 a year, supersedes (12-20-49).

SCHEIBE, JOHN R., Clinical Assistant, Surgery (Medicine), nine months beginning December 1, 1949, without salary (1-5-50).

SCHOUR, ISAAC, Professor, Histology, Head of Department (82/100), Associate Dean in charge of Postgraduate Studies (18/100), indefinite tenure, Lecturer in Postgraduate Evening Courses (Postgraduate Studies), one year, (Dentistry), beginning September 1, 1949, $12,900 a year, supersedes (12-13-49).

SREEBNY, LEO M., Research Assistant, Applied Materia Medica and Therapeutics (Dentistry), ten months beginning December 1, 1949, $4000 a year, supersedes (12-17-49).

STRUIK, RUTH R., Assistant, Mathematics (Liberal Arts and Sciences and Graduate College), five months beginning February 1, 1950, $250 a month (12-22-49).

SUGAR, OSCAR, Assistant Professor, Neurological Surgery (Neurology and Neurological Surgery) (Medicine) (⅘), ten months beginning November 1, 1949, $4800 a year, supersedes (12-23-49).

TAYLOR, DONALD E., Special Research Assistant, Mechanical Engineering (S), eight months beginning January 1, 1950, $250 a month (1-6-50).

TYNER, EDWARD H., Professor, Soil Fertility (Agronomy) (C) (⅘), to render service during each academic year, (S) (⅕) (on Y basis), indefinite tenure beginning April 1, 1950, $6400 a year (12-14-49).

VERGES, PETER G., Research Assistant, Otolaryngology (Medicine), six months beginning December 1, 1949, $250 a month (12-13-49).

WADE, BEATRICE D., Associate Professor, Occupational Therapy, indefinite tenure, Director, Occupational Therapy, one year, (Physical Medicine and Rehabilitation) (Medicine), beginning September 1, 1949, $6000, supersedes (1-5-50).

WALTERS, CHARLES S., Associate Professor, Forest Utilization (Forestry) (S), indefinite tenure beginning February 1, 1950, $6667 a year, supersedes (1-6-50).

WATERHOUSE, GILBERT, Exchange Professor, German, four months beginning September 1, 1950, $525 a month (12-5-49).

WEATHERS, WARREN O., Assistant, Naval Science, beginning November 25, 1949, and continuing until further notice, without salary (12-27-49).

WEINMANN, JOSEPH P., Professor, Oral Pathology, indefinite tenure, Lecturer in Postgraduate Evening Courses (Postgraduate Studies), one year (Dentistry), beginning September 1, 1949, $9240 a year, supersedes (12-13-49).

WENTZ, FRANK M., Assistant Professor, Histology, two years, Lecturer in Postgraduate Evening Courses (Postgraduate Studies), one year (Dentistry), beginning September 1, 1949, $5160 a year, supersedes (12-13-49).

ZIMMERMANN, ARNOLD A., Professor, Anatomy, indefinite tenure, to render service during each academic year, Lecturer, Postgraduate Studies, one year (on Y basis) (Medicine), beginning September 1, 1949, $8500 a year, supersedes (12-13-49).

GRADUATE FELLOWS

(The following appointments were made by the President of the University on the dates indicated in parenthesis.)

ADAMS, JOHN G., Research Fellow, Pharmacology (Medicine), eight months beginning January 1, 1950, $1200 a year (1-5-50).

BARNETT, ZOLO G., Fellow, Education, February 1-June 15, 1950, $500 (12-20-49).

BEAN, CHARLES P., Fellow, Physics, February 1-June 15, 1950, $425 (12-20-49).

BENJAMIN, ROLAND J., Fellow, Theoretical and Applied Mechanics, February 1-June 15, 1950, $350 (12-20-49).

BHATTACHARJEE, JYOTI PRASAD, Booth Fellow, Agricultural Economics, February 1-June 15, 1950, $500 (10-9-49).

CHAMBERLIN, MRS. LORRAINE, Fellow, Psychology (Graduate College), eight months beginning November 1, 1949, $960 (12-17-49).

CHANNON, STANLEY L., Olin Industries, Inc., Fellow, Metallurgical Engineering, February 1-June 15, 1950, $500 (12-15-49).

CHU, CHIA-CHEN, Fellow, Chemistry, September 16, 1949-January 31, 1950, $425, February 1-June 15, 1950, $500, supersedes (11-28-49).

EDELMAN, MILTON T., Fellow, Economics, February 1-June 15, 1950, $500 (12-20-49).

FRIEDMAN, MARVIN H., Fellow, Physics, February 1-June 15, 1950, $425 (12-20-49).

FUMI, FAUSTO G., Postdoctoral Fellow, Physics (Graduate College), October 28, 1949-August 31, 1950, $2940, supersedes (12-7-49).

FUNDERBURK, WILLIAM H., Research Fellow, Pharmacology (Medicine), October 15, 1949-August 31, 1950, $4000 a year (12-2-49).

GLAUDIN, VINCENT, Fellow, Psychology (Graduate College), eight months beginning November 1, 1949, $960 (12-17-49).

GORDON, ARCHER S., Fellow, Medicine, November 16, 1949-June 30, 1950, $525 (11-28-49).

HERSHENHART, ALICE R., Fellow, Education, February 1-June 15, 1950, $350 (12-20-49).
HUNTINGTON, DOROTHY A., Fellow, Speech, February 1-June 15, 1950, $425 (12-20-49).
KYLE, ROBERT H., Research Fellow, Medicine (Medicine), eight months beginning January 1, 1950, without salary (12-13-49).
LANDE, MILTON J., Fellow, Dentistry, November 16, 1949-June 30, 1950, $525 (11-28-49).
LARSON, ARTHUR Q., JR., Fellow, History, February 1-June 15, 1950, $500 (12-20-49).
LEGER, GEORGE F., JR., Fellow, Mathematics, February 1-June 15, 1950, $500 (12-20-49).
LOH, ARTHUR T. Y., Fellow, Economics, September 16, 1949-January 31, 1950, $350, and February 1-June 15, 1950, $425, supersedes (11-25-49).
MCKITTRICK, PAUL S., Fellow, Chemistry, February 1-June 15, 1950, $425 (12-20-49).
PILOT, MARTIN L., Research Fellow, Pharmacology (Medicine), January 15-August 31, 1950, $1200 a year (1-5-50).
RAMASWAMI, DASU, Fellow, Pharmacy, November 16, 1949-June 30, 1950, $750 (11-28-49).
REINSCH, ARTHUR J., Fellow, Chemical Engineering, February 1-June 15, 1950, $350 (12-20-49).
SEN, SUDHIR, Fellow, Ceramic Engineering, February 1-June 15, 1950, $500 (12-20-49).
SHAHBENDER, RABAH A., Fellow, Electrical Engineering, February 1-June 15, 1950, $425 (12-20-49).
STALLMEYER, JAMES E., Standard Oil Company Fellow, Civil Engineering, February 1-June 15, 1950, $750 (12-15-49).
SWOBODA, THOMAS J., Fellow, Chemistry, February 1-June 15, 1950, $500 (12-20-49).
TANADA, TAKUMA, Fellow, Botany, February 1-June 15, 1950, $500 (12-20-49).
TAYLOR, RICHARD W., Fellow, Political Science, February 1-June 15, 1950, $500 (12-20-49).
TUNG, LU-HO, Fellow, Chemical Engineering, February 1-June 15, 1950, $425 (12-20-49).
VINSON, EDDIE B., Fellow, Entomology, February 1-June 15, 1950, $425 (12-20-49).
YEN, TI, Fellow, Mathematics, February 1-June 15, 1950, $425 (12-20-49).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

ABBOTT, JOHN C., Fellow, Agricultural Economics — declination effective 9-16-49.
BLICKENSTAFF, DELBERT, Research Fellow, Clinical Science (Medicine) — resignation effective 12-1-49.
BROPHY, EDMOND M., Fellow, Medicine (Medicine) — resignation effective 10-1-49.
BUREK, ALOYSIUS W., Assistant Professor, Hygiene, and Medical Adviser for Men, Health Service — declination effective 1-1-50.
CAVANAUGH, MRS. JOYCE J., Serials Librarian, rank of Assistant (Undergraduate Division in Chicago) — resignation effective 2-15-50.
CHANG, HSIOH-TEH, Fellow, Medicine (Medicine) — resignation effective 12-31-49.
CHESS, MRS. DOROTHY A., Instructor, Obstetrics and Gynecology (Medicine) — resignation effective 1-1-50.
EGGENBERGER, WALTER, Booth Fellow, Horticulture — declination effective 9-16-49.
ERKMAN, J. O., Special Research Assistant, Physics (C) — resignation effective 1-7-50.
FULLER, EVELYN L., Assistant Teacher, Nursery School (Division of Special Services for War Veterans) — resignation effective 1-1-50.
GOFF, MARY O., Assistant Professor, Home Economics (C) — resignation effective 3-1-50.
GORDON, ARCHER S., Fellow, Medicine — declination effective 11-16-49.
GRACE, MRS. VERA H., Research Assistant Professor, Veterinary Physiology and Pharmacology (Veterinary Medicine), and Assistant Professor, Veterinary Research (S) — resignation effective at the close of business 12-10-49.
HARTLEY, LOIS T., Instructor, English — resignation effective 3-1-50.

HEISER, BRUCE A., Fellow, Chemistry — resignation effective 11-14-49.
KOTT, HARRIET, Assistant Professor, Hygiene, and Medical Adviser for Women — declination effective 10-1-49.
MUNZER, CHARLOTTE M., Instructor, English (Undergraduate Division in Chicago) — resignation effective 2-28-50.
NELSON, MRS. EVALYN R., Education, Philosophy, and Psychology Librarian, rank of Instructor — resignation effective 1-15-50.
NEWMAN, JOHN H., Assistant, Naval Science — cancellation effective 10-22-49.
PHILLIPS, JAMES A., Special Research Associate, Physics (S) — resignation effective 5 p.m. 12-14-49.
PORTER, RALPH L., Research Associate, Mechanical Engineering (S) — resignation effective 9-1-49.
ROOP, MRS. HELEN F., Cataloger, rank of Instructor, Library (Chicago Professional Colleges) — resignation effective 1-15-50.
SCHNEIDER, SOPHIA, Electroencephalographer, Psychiatry (Medicine) — resignation effective 11-10-49.
SCOTT, ROBERT E., Instructor, Political Science — resignation effective 3-1-50.
SHAKLEE, WILLIAM E., Assistant, Animal Science (S) — resignation effective 1-31-50.
SLEZAK, GEORGE C., Research Fellow, Clinical Science (Medicine) — declination effective 7-1-49.
WHITESIDE, EUGENE P., Associate Professor, Soil Physics (Agronomy) (C & S) — declination effective 11-1-49.
WHITESIDE, EUGENE P., Assistant Professor, Soil Physics (Agronomy) (C & S) — resignation effective at the close of business 1-16-50.

LEAVES OF ABSENCE

CONNERS, MRS. SUSANNE O., Instructor, English (Undergraduate Division in Chicago) — leave of absence, with salary, September 1-October 14, 1949, and without salary, October 15, 1949-January 31, 1950.

FEDERAL FUNDS FOR ADVANCE PLANNING

Resolution Authorizing Filing of Application with the United States of America for an Advance to Provide for the Advance Planning of Non-Federal Public Works under the Terms of Public Law 352, Eighty-first Congress of the United States, Approved October 13, 1949

WHEREAS, the University of Illinois, herein called the "Applicant," after thorough consideration of the various aspects of the problem and study of available data has hereby determined that the construction of certain public works, generally described as the Biology Building, Pharmacy Building, Student and Staff Housing, Law Building, Psycho-Educational Clinic, and the Physics Building addition, are desirable and in the public interest and to that end it is necessary that action preliminary to the construction of said works be taken immediately; and

WHEREAS, under the terms of Public Law 352, Eighty-first Congress, approved October 13, 1949, the United States of America has authorized the making of advances to public bodies to aid in defraying the cost of architectural, engineering, and economic investigations and studies, surveys, designs, plans, working drawings, specifications, procedures and other action preliminary to the construction of public works (exclusive of housing); and

WHEREAS, the Applicant has examined and duly considered such act and the Applicant considers it to be in the public interest and to its benefit to file an application under said Act and to authorize other action in connection therewith;

NOW, THEREFORE, BE IT RESOLVED BY the Board of Trustees, the governing body of said applicant, as follows:

1. That the construction of said public works is essential to and is to the best interests of the Applicant, and to the end that such public works may be provided as promptly as practicable, it is desirable that action preliminary to the construction thereof be undertaken immediately;

2. That Lloyd Morey, Comptroller, be hereby authorized to file in behalf of the Applicant an application (in form required by the United States and in conformity with said Act) for an advance to be made by the United States to the

Applicant to aid in defraying the planning cost preliminary to the construction of such public works, which shall consist generally of University Buildings for instruction, research, and housing;

3. That if such advance be made the Applicant shall provide or make necessary arrangements to provide such funds, in addition to the advance, as may be required to defray the cost of such action preliminary to the construction of the public works;

4. The said representative is hereby authorized to furnish such information and take such other action as may be necessary to enable the Applicant to qualify for the advance;

5. That the officer designated in the preceding paragraph is hereby designated as the authorized representative of the Applicant for the purpose of furnishing to the United States such information, data, and documents pertaining to the application for an advance as may be required; and otherwise to act as the authorized representative of the Applicant in connection with this application;

6. That certified copies of this Resolution be included as part of the application for an advance to be submitted to the United States.

PURCHASES

A. Purchases Authorized

The following purchases have been authorized by the President of the University on the recommendations of the Director of Purchases and the Comptroller. Unless otherwise specified the purchases were made on the basis of lowest bids.

Item	*Department*	*Vendor*	*Cost*
10,000 copies University of Illinois Undergraduate Study Catalog, 1949-1950	University Press	Interstate Printers & Publishers, Inc., Danville	$5 073 70 f.o.b. Urbana
600 copies *Tensions That Cause Wars*, edited by Hadley Cantril, to be printed and bound	University Press	Haddon Craftsmen, Inc., Scranton, Pa.	2 637 00 f.o.b. Urbana
Install 1″ x 12″ perforated acoustical tile in Band Building on wood strips in accordance with specifications prepared by Physical Plant Department	Physical Plant	Home Insulation Co., Champaign	1 185 00
Four recording mechanisms, two rack mounted amplifiers, and two portable amplifiers	Radio Station	Allied Radio Corp., Chicago	2 989 00 f.o.b. Urbana
Approximately 70,000 gals. regular gasoline (72-74 ASTM) for the period of January 1 to June 30, 1950	Physical Plant	Shell Oil Co., Urbana	10 862 60 f.o.b. Urbana

B. Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

Item	*Department*	*Vendor*	*Cost*
Caps and gowns for use of graduates in the February and June, 1950, classes	Purchasing Office	E. R. Moore Co., Chicago	10 715 00 (approximately)
Laboratory furniture for Department of Bacteriology as specified	Physical Plant	Metalab Equipment Co., Brooklyn, N.Y.	20 693 30 f.o.b. Urbana
One ice builder system complete, for use in milk cooling	Food Technology	Creamery Package Manufacturing Co., Chicago	1 224 00 f.o.b. Wisconsin Dells, Wis.
One steam cage sterilizer, stainless steel, constructed per specifications and blueprint, and completely installed in the Natural History Building	Physiology	Schroeder's Heating & Ventilating Contractors, Champaign	1 359 80
Intercommunication and paging equipment and installation in accordance with specifications prepared by the Department of Physical Medicine and Rehabilitation and the Physical Plant Department	Physical Medicine and Rehabilitation, College of Medicine	Tri Par Sound Systems, Chicago	1 772 10 delivered and installed

Item	*Department*	*Vendor*	*Cost*
One only tube replacement for Medical Betatron	Radiology Betatron	Allis-Chalmers Manufacturing Co., West Allis, Wis.	3 000 00
One micro forge, complete with optical unit and accessories	Zoology	A. S. Aloe Co., St. Louis, Mo.	1 125 00 f.o.b. Urbana
18 microscopes, stereoscopic, inclined binocular 1.0X, 2.0X, and 3.0X paired objectives, 9X and 2X paired eyepieces, hardwood board stage, complete with cases; microscopes engraved with inventory numbers	Zoology	W. H. Kessel & Co., Chicago A. S. LaPine & Co., Chicago E. H. Sargent & Co., Chicago	2 554 20 2 554 20 2 554 20 7 662 60
One vibrating Reed electrometer, model 30	Physics	Applied Physics Corp., Pasadena, Calif.	1 500 00 f.o.b. Pasadena
One nonrecording microphotometer with accessories	Physics	Jarrell-Ash Co., Boston, Mass.	1 655 70 f.o.b. Boston
One extractor, chemical, solid to liquid for batchwise operation	Chemistry	Brighton Copper Works, Cincinnati, Ohio	3 140 00 f.o.b. Cincinnati
One new Baldwin grand piano, style F (7 ft.)	Music	Mendel Riley, Champaign	2 781 54 f.o.b. delivered
One bookkeeping machine with fixed posting line alignment and three removable control bars	Illini Union	Burroughs Adding Machine Co., Champaign	2 656 69 delivered
Fifteen ventilating fans, laboratory hood, equipped with 220 volt, 3 phase, 60 cycle motor, rubber vibration absorbing bases, fans to be coated inside with acid resistance coating	Physical Plant	New York Blower Co., Chicago Transportation cost	2 469 26 16 69 2 485 95
One lot of parts for complete overhaul of Cleveland folder that has been in use since August, 1936	Print Shop	Dexter Folder Co., Chicago	1 433 44 f.o.b. Pearl River, N.Y.
Six quarterly issues of the *University of Illinois Law Forum*, 2,000 copies of 184 pages an issue, beginning with the Spring, 1950 issue	College of Law	Interstate Printers & Publishers, Inc., Danville	11 218 00
800 copies *The Piperacea of Northern South America* by William Trelease and T. G. Yunker	University Press	Waverly Press, Inc., Baltimore, Md.	7 445 16
5,000 reams 8⅜″ x 10⅞″ 20# duplicator paper	Office Supply Store	Bradner Smith & Co., Chicago	3 275 00 f.o.b. Urbana
200 reams 22 x 34 – 40# 100% rag bond, white, opaqued; 25 reams 22 x 34 – 32# 100% rag bond, white, opaqued; 30 reams 22 x 34 – 26# 100% rag bond, white, opaqued; to be watermarked with University seal	Office Supply Store	Dwight Brothers Paper Co., Chicago	3 308 48 f.o.b. Urbana
250 reams 22 x 34 – 40# 25% rag bond, white, opaqued; 150 reams 22 x 34 – 32# 25% rag bond, white, opaqued; to be watermarked University of Illinois	Office Supply Store	Dwight Brothers Paper Co., Chicago	2 779 28 f.o.b. Urbana
600 cases bleached paper hand towels	Physical Plant	Decatur Paper House, Inc., Decatur	2 922 00 f.o.b. Champaign
69 trench coats, full-length officer's style gabardine top coats for advanced course students in R.O.T.C. Ground Forces	Military Department	Associated Military Stores. Chicago	1 138 50 f.o.b. delivered
5,000 board feet 1¼″ B and better, air dried rough cypress	Physical Plant	Gaines Hardwood Lumber Co., St. Louis, Mo.	1 237 50 f.o.b. Champaign
5,000 board feet 1¼″ kiln dried birch, rough first and seconds (clear), random widths and lengths	Physical Plant	White Pine Lumber Co., Chicago	1 650 00 f.o.b. delivered
200,000 gal. No. 1 range oil to meet specifications	Residence Halls	Stewart Oil Co., Champaign	21 681 00

Item	*Department*	*Vendor*	*Cost*
Approximately 60,000 gallons aviation gasoline to be delivered over a period of six months from January 1 to June 30, 1950	Institute of Aviation	Shell Oil Co., Chicago	11 756 71 f.o.b. delivered
1,000 gal. interior flat white lead and lead mixing oil paint mixed in proportion of 100 lbs. white lead to 3 gal. lead mixing oil	Physical Plant	John R. MacGregor Lead Co., Chicago	3 950 00 f.o.b. delivered
One ¾ ton pickup truck less body to replace 1940 Chevrolet truck	Physical Plant	Sullivan Chevrolet Co., Champaign	1 063 02
One 1½ ton truck with flat bed dump body to replace 1941 GMC truck	Physical Plant	Noble Motor Sales, Danville	1 848 24
Two dump trucks, two-ton capacity to replace 1922 Mack, five-ton dump truck	Physical Plant Storeroom	Sullivan Chevrolet Co., Champaign	4 835 80

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED NOVEMBER 11 TO DECEMBER 10, 1949

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
Department of the Navy, Naval Personnel	Instruction to NROTC students	$63 934 40	September 1, 1949
Department of the Navy, Naval Personnel	N600s-p-3872	959 20	September 1, 1949
Department of the Navy, Office of Naval Research	N6ori-07127	7 700 00	September 1, 1949
Department of the Navy, Bureau of Medicine and Surgery	N130-s 32767	1 350 00	August 4, 1949
Charter Seed Co.	Introduction of lima bean seed		November 18, 1949
Department of the Army, Headquarters Fifth Army	Course—residency in psychiatry		June 15, 1949
Army Air Force, Air Materiel Command	AF33(038)-4040	Cost reimbursement	September 27, 1949
St. Luke's Hospital School of Nursing	Agreement for affiliation		November 23, 1949
Veterans Administration	V3028v-844	Tuition 25 00 Laboratory fee 4 00	June 27, 1949
Department of the Army, Office of the Surgeon General	W-49-007-MO-496	7 560 00	June 15, 1949

With Whom	*Purpose*	*Amount to be Paid by the University*	*Date*
Fleming Coal Company	Purchase of 9,000 tons of coal	$64 530 00	September 1, 1949
E. C. Manthei, Consulting Engineer	Services at Horticulture Field Laboratory	285 00	December 6, 1949

Leases Executed under General Regulations of the Board of Trustees from November 11 to December 10, 1949

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
Sarah E. Pope, *et al.*	Mortgage release due to payment of loan		November 1, 1949

With Whom	*Purpose*	*Amount to be Paid by the University*	*Date*
Museum of Modern Art Film Library	Rental of five films	$ 29 00	October 12, 1949

Report of Contract Changes Executed from November 11 to December 10, 1949

With Whom	*Purpose*	*Amount of Change*	*Date*
Fleming Coal Co.	Freight rate increase, 11¢ a ton, on coal contracts	$ 593 00 (estimated)	September 23, 1949

ADJUSTMENTS IN AUTHORIZATIONS ISSUED PRIOR TO JULY 1, 1949, UNDER COST-PLUS STANDING CONTRACTS

With Whom	*Purpose*	*Amount*
Lewis S. Colbert	Five adjustments	$2 094 90
Reliable Plumbing and Heating Co.	One adjustment	1 148 74[1]
Schroeder's	One adjustment	83 20
Square Deal Electric Co.	One adjustment	160 00

[1] Deduct, contract reductions.

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

February 16, 1950

The February meeting of the Board of Trustees of the University of Illinois was held on Thursday, February 16, 1950, in the Illini Union Building, in Urbana, according to the following schedule:

10:30 a.m. — Executive session as in Committee of the Whole.

2:00 p.m. — Open session.

The following members were present: President Williamson, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins.

President Stoddard was present; also, Vice-President A. C. Ivy, Provost C. R. Griffith, Assistant to the President A. J. Janata, Secretary H. E. Cunningham, Comptroller Lloyd Morey, and, during the open session, Director of Public Information J. F. Wright, Assistant to the President Wilbur Schramm, Professor R. B. Hudson.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of January 12, 1950.

On motion of Mrs. Watkins, the minutes were approved as printed on pages 963 to 986 above.

MATTERS PRESENTED BY PRESIDENT STODDARD

The Board considered in executive session the following matters presented by the President of the University.

DEAN OF THE DIVISION OF COMMUNICATIONS

(1) I recommend that there be established, as of July 1, 1950, a Division of Communications to be headed by a dean.

The Division of Communications would include communications responsibilities in the following areas and units as indicated:

1. University Press — supervisory
2. School of Journalism and Communications, as reorganized — supervisory
3. Broadcasting — supervisory
4. Institute of Communications, as reorganized — supervisory
5. Visual communications, as reorganized — supervisory
6. Library School — supervisory
7. Athletic Association — supervisory in communications only
8. University of Illinois Foundation Illini Achievement Fund — supervisory
9. Alumni Association — supervisory
10. Public Information — supervisory
11. Allerton Park — supervisory

The purpose of this new administrative cluster is to increase the efficiency of the President's Office. The main administrative work of the University is carried on through structures headed, for the most part, by deans who are responsible to the Provost and the President. However, with respect to certain enterprises of great importance, such as those listed above, I have not had the benefit of guidance and assistance from the office of a dean. The plan does not involve changes in operations except that some reorganization may be desirable as indicated above.

For the position of Dean of Communications, I recommend the appointment of Dr. Wilbur Schramm, and further that he retain the appointment as Director of the University Press and as Research Professor of Journalism at a total salary of $13,000, on a twelve months' basis, for a term of two years beginning July 1, 1950.

On motion of Mr. Hickman, the Division of Communications was established and Dr. Schramm was appointed Dean, as recommended.

APPOINTMENT OF THE DEAN OF THE COLLEGE OF MEDICINE AND DIRECTOR OF THE RESEARCH AND EDUCATIONAL HOSPITALS

(2) Following the resignation of Dean John B. Youmans, I appointed a Committee of the Faculty of the College of Medicine to assist in the selection of his successor. The Committee went to work immediately and secured from members of the faculty and from outside sources names and personal data on a number of qualified candidates. As a result of its study the Committee reached the conclusion that one candidate on this list was so outstanding that prompt action should be taken to ascertain his availability.

Accordingly, on February 1, 1950, Vice-President A. C. Ivy and I met with the Chairman of the Committee. On February 2 the Committee met and unanimously decided upon its first choice among the candidates. Subsequently a meeting of the Executive Faculty of the College of Medicine was called and the report of the Committee on the Deanship was reviewed in detail. The result of the meeting was an unanimous approval by the Executive Faculty of the report of the Committee on the Deanship and concurrence in its final recommendation.

Finally, the Vice-President, the Provost, and I have personally conferred with the candidate and he has met with various members of the faculty, both in the Chicago Professional Colleges and at Urbana-Champaign.

Accordingly, I now recommend the appointment of Dr. Stanley W. Olson, presently Assistant Director of the Mayo Foundation, as Dean of the College of Medicine and Medical Director of the Research and Educational Hospitals, with the rank of Professor, at an annual salary of $15,000, on Y basis, for two years from April 1, 1950.

Dr. Ivy, Provost Griffith, and President Stoddard commented.

On motion of Mr. Nickell, this appointment was made as recommended.

APPOINTMENTS OF DIRECTOR AND ASSOCIATE DIRECTOR OF UNIVERSITY OF ILLINOIS-COOK COUNTY SCHOOL OF NURSING

(3) The Vice-President in charge of the Chicago Professional Colleges recommends the appointments of Miss E. Elizabeth Geiger, as Director of the University of Illinois-Cook County School of Nursing and Assistant Professor of Nursing Education, without salary, and Mrs. Evelyn M. Brown, as Associate Director in Charge of Nursing Education of the University of Illinois-Cook County School of Nursing and Assistant Professor of Nursing Education, without salary, effective February 1, 1950, and continuing through August 31, 1950. (Their salaries will be paid by the Cook County Hospital.)

I concur.

Dr. Ivy commented on these recommendations.

On motion of Mr. McLaughlin, these appointments were made as recommended.

EMPLOYMENT OF SPECIAL COUNSEL FOR SUIT IN THE COURT OF CLAIMS

(4) The Attorney General of Illinois reports that there has been filed in the Court of Claims the case of Jessie Taylor versus the Board of Trustees of the University of Illinois. The Attorney General suggests that the University take over the defense.

In substance, the complainant alleges negligence and malpractice by members of the staff of the Department of Operative Dentistry and claims $2,500 damages, the maximum for which the University is liable under the Court of Claims Act. Information supplied by the College of Dentistry indicates that the allegations in the complaint are erroneous and that the University has a valid defense.

Since all of the work necessary to defending this suit must be done in Chicago, the Legal Counsel's Office recommends that the University employ special counsel and suggests Joseph H. Hinshaw of Hinshaw and Culbertson, Chicago, or Albert E. Jenner, Jr., of Poppenhusen, Johnston, Thompson, and Raymond, also of Chicago.

I concur in the recommendation.

On motion of Mr. Livingston, the Office of the Legal Counsel was authorized to employ Mr. Joseph H. Hinshaw, if he is available, for this case.

REPORT OF COMMITTEE ON AGRICULTURE ON STATE APPROPRIATION FOR AGRICULTURAL STRUCTURES

Mr. McLaughlin, for the Committee on Agriculture, presented the following report.

The Committee on Agriculture met at the University, in Urbana, on February 4, 1950, to consider the assignment of State funds for agricultural structures, referred to the committee by the Board on January 12, 1950.

Present: Mr. Walter W. McLaughlin, Chairman, Dr. Karl A. Meyer, and Mr. Wirt Herrick, members of the committee; Mr. H. E. Cunningham, Clerk; also Mr. A. J. Janata, Assistant to the President; Professor W. C. Huntington, Chairman of the Building Program Committee; Mr. C. S. Havens, Director of the Physical Plant Department; Mr. E. L. Stouffer, Architect; Dean H. P. Rusk and the following representatives of the College of Agriculture: Professor W. E. Carroll, Professor R. R. Hudelson, Professor G. W. Salisbury, Professor D. G. Carter, Professor L. E. Card, Professor Louis B. Howard, Professor Sleeter Bull.

After a preliminary discussion of President Stoddard's recommendations (Minutes, January 12, 1950, page 965), a tour of inspection of the buildings and other facilities was made.

Following the tour, the discussion was continued.

On motion of Dr. Meyer, the Committee voted to recommend to the Board that the recommendations of the President of the University be approved, subject to the release of funds; also that a request be made of the Governor for the release of funds from any surplus available in the appropriations for the Agricultural and Veterinary Science Buildings (including the Contingency Fund), to complete the Dairy Barns according to a study made by Professor Carter and Director Havens, have priority if and when funds are available.

H. E. CUNNINGHAM, *Clerk*

COMMITTEE ON AGRICULTURE
WALTER W. MCLAUGHLIN, *Chairman*
KARL A. MEYER, M.D.
WIRT HERRICK

On motion of Mrs. Holt, this recommendation was adopted.

REPORT OF COMMITTEE ON BUILDINGS AND GROUNDS ON BONEYARD STORM DRAINAGE PROJECT

Mr. Livingston, for the Committee on Buildings and Grounds, presented the following report.

The Committee on Buildings and Grounds met at the University, in Urbana, on February 4, 1950, to consider a communication from President Stoddard on the participation of the University in the Boneyard storm drainage project.

Present: Mr. John R. Fornof, Chairman, Dr. Karl A. Meyer, Mrs. Doris S. Holt, and Mr. Wirt Herrick, members of the committee; Mr. H. E. Cunningham, Clerk; also Professor Coleman R. Griffith, Provost; Professor W. C. Huntington, Chairman of the Building Program Committee; Professor Lloyd Morey, Comptroller; Mr. C. S. Havens, Director of the Physical Plant Department; Mr. E. L. Stouffer, Architect; and Mr. A. J. Janata, Assistant to the President.

Letters from President Stoddard, Professor Huntington, and Director Havens were presented.

After discussion, and on motion of Dr. Meyer, the Committee voted to recommend to the Board that the University express its willingness to participate in this project and to request an appropriation from the General Assembly to cover a payment representing the benefits to the University which are determinable according to principles proposed by the University Building Program Committee. The time of payment and the priority in the general program of the University are to be determined at a later date.

H. E. CUNNINGHAM, *Clerk*

COMMITTEE ON BUILDINGS AND GROUNDS
JOHN R. FORNOF, *Chairman*
PARK LIVINGSTON
KARL A. MEYER, M.D.
MRS. DORIS S. HOLT
WIRT HERRICK

On motion of Mr. Livingston, these recommendations were adopted.

FEDERAL AID FOR HOUSING

The Comptroller reported informally on efforts to secure federal aid for the construction of housing.

COAL SUPPLY

The Provost reported informally on the coal supply, and stated that under the present restricted use, there should be enough coal to last until early April.

REPORT OF COMMITTEE ON CHICAGO DEPARTMENTS ON CHICAGO HOUSING PROJECTS

Mr. Livingston, for the Committee on Chicago Departments, presented the following report.

The Committee met in Chicago at 4:45 p.m. on January 24, 1950, with the following present: Dr. Meyer, Mr. Livingston, Mr. Farr, Dr. Ivy, Mr. Wheeler, and Mr. Havens.

Mr. Havens presented a proposal from Naess and Murphy, architects on the Student Residence Halls, to cover changes in the completed plans and specifications to further reduce the capital cost. Mr. Livingston moved that the increased expenditure be authorized. Dr. Meyer concurred and declared the motion passed. (Estimated $5,000).

Mr. Farr presented a revised proposal from Skidmore, Owings, and Merrill for architectural services on the Staff Apartment Project. After a discussion of this proposal, Mr. Livingston moved that Mr. Farr be authorized to offer Skidmore, Owings, and Merrill a fee of 5 per cent, and if accepted, that the contracts be authorized. Dr. Meyer concurred and declared the motion passed. (Estimated $54,000).

The Committee held a further meeting at Urbana on February 16, 1950. Present were: Mrs. Watkins, Mr. Livingston. A progress report of Mr. Newton C. Farr, February 14, addressed to Dr. Karl A. Meyer, Chairman, was presented. Following the Board action of July 21, 1948, the Committee made informal arrangements with Mr. Farr to advise it and University officers concerned on this project. The legal phases of the project have now been placed in the hands of Chapman and Cutler, and University officers, with the assistance of the architects duly engaged for the projects, are carrying on other details, including necessary contacts with the Equitable Life Assurance Society. In view of these circumstances, it was the conclusion of the members present that the services of Mr. Farr on this project should be brought to a close, and the Comptroller is to so advise Mr. Farr and request a statement of his services to date. The Comptroller is also to advise Mr. Farr that if his services are needed further in the project, he will be so informed.

COMMITTEE ON CHICAGO DEPARTMENTS
DR. KARL A. MEYER, *Chairman*
MRS. FRANCES B. WATKINS
MR. PARK LIVINGSTON

The Secretary communicated with Dr. Meyer by telephone and secured his concurrence in the foregoing action of February 16.

On motion of Mr. Livingston, the appropriation of $5,000 for architectural studies was made, by the following vote: Aye, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Fornof, Dr. Meyer, Mr. Stevenson.

At this point Dr. Schramm and Professor Hudson were introduced.

OPEN SESSION

When the Board convened in open session after luncheon, the same members were present as during the morning session.

APPOINTMENTS TO THE FACULTY MADE BY THE PRESIDENT OF THE UNIVERSITY

The Secretary reported that the President has approved the following new appointments to the faculty of the rank of Assistant Professor and above since the previous meeting of the Board of Trustees:

1. PAUL T. BATEMAN, Assistant Professor of Mathematics, beginning September 1, 1950, at an annual salary of $4,500.

2. RICHARD N. CURRENT, Associate Professor of History, beginning September 1, 1950, at an annual salary of $5,800.

3. CARL E. DRUMHELLER, Special Research Assistant Professor of Electrical Engineering, beginning January 1, 1950, at an annual salary of $5,200.

4. CHARLES H. FLETCHER, Research Assistant Professor of Aeronautical Engineering, beginning July 1, 1950, at an annual salary of $5,500.

5. JAMES S. KOEHLER, Associate Professor of Physics, beginning September 1, 1950, at an annual salary of $7,000.

6. CHARLES R. LOHMEYER, Associate Director for Civil Service of Nonacademic Personnel, beginning February 1, 1950, at an annual salary of $6,600.

7. SOULIMA STRAVINSKY, Associate Professor of Music, beginning September 1, 1950, at an annual salary of $5,500.

8. H. S. ZIM, Associate Professor of Education, beginning September 1, 1950, at an annual salary of $6,000.

President Stoddard commented on some of these appointments.

On motion of Mr. Nickell, these appointments were confirmed.

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 to the following groups of candidates who have fulfilled the legal requirements (see Appendix, page 1034).

On motion of Mr. Livingston, these certificates were awarded as recommended.

CHANGE IN NAME OF SCHOOL OF JOURNALISM

(2) The Director of the School of Journalism recommends that its name be changed to School of Journalism and Communications with Divisions of Journalism, Radio, and Advertising.

I concur.

On motion of Mr. Livingston, this change in name was approved as recommended.

NAME OF ANIMAL SCIENCES LABORATORY

(3) The Committee on Buildings of the College of Agriculture recommends that the new building to be constructed for that College be officially named Animal Sciences Laboratory.

I concur.

On motion of Mr. McLaughlin, this name was approved as recommended.

COMMITTEE ON DETERMINATION OF WAGE RATES TO BE SPECIFIED FOR CONSTRUCTION WORK AT ROBERT ALLERTON PARK

(4) The Board of Trustees has authorized the appointment of a fact-finding committee[1] to conduct investigations of wage rates in Piatt County in connection with construction work on the Allerton Trust properties and report on the same to the President of the University and to the Board of Trustees. This procedure applies to future issues which may arise. The objections filed by the Twin City Federation of Labor of Champaign and others on June 3, 1949, to the determination of wages in the locality of Monticello and Piatt County published by the University in connection with construction contracts awarded by the Board of Trustees Committee on Buildings and Grounds on May 2, 1949, have been withdrawn.

[1] This committee is to be composed of one member appointed by the Illinois State Federation of Labor, one member appointed by the President of the University, and one member selected by the other two, provided that if they do not agree upon a candidate within ten days, the Director of the State Department of Public Works and Buildings will be asked to select the third member.

The President of the Illinois State Federation of Labor reports that the Federation has appointed Mr. Robert L. Gordon of Urbana, former Director of the Illinois State Department of Labor, as the labor representative. I have appointed Mr. Donald E. Dickason, Director of Nonacademic Personnel, as the University's representative.

This requires no action by the Board of Trustees and is being reported as a matter of record only.

This report was received for record.

TRANSFER OF THE FORESTRY TO GENERAL UNIVERSITY PURPOSES

(5) On the basis of various discussions and proposals, I recommend that the tract of land on Lincoln and Pennsylvania Avenues, now consisting of about eight acres (originally 18.25 acres) known as "The Forestry," be transferred from the Department of Forestry to the University, for general purposes. It is proposed, for the present, to develop it as a center of outdoor recreation and a picnic area. It would become an open, cleared forest under the supervision of the School of Physical Education. It would be, at the same time, a land reserve as sites for future major construction.

In 1871 this land was assigned to the Department of Horticulture. In 1916 it was transferred to the Physical Plant Department. In 1941 it was transferred to the new Department of Forestry. At that time the Board minutes referred to the erection of a "non-climable fence of attractive design." Thus far no one has been able to blueprint such a fence; once climbed, it would indeed lead to Elysian fields!

The Forestry has served its time as a laboratory for students. It has become a problem in supervision and maintenance. Accordingly, if the Board approves this recommendation, I shall ask the Committee on Nonrecurring Appropriations to earmark sufficient funds for the immediate development of a forestry plantation on the McCullough Farm recently acquired by the University.

On motion of Mrs. Holt, this transfer was made as recommended.

STATUS OF AGRICULTURAL EXPERIMENT FIELD AT DEKALB, ILLINOIS

(6) From the estates of the late Senator Harry G. Wright and his wife, Harriette A. Wright, of DeKalb, Illinois, the University of Illinois received 952 acres of farm lands in DeKalb County as an endowment of undergraduate scholarships.

In 1940 an agricultural experiment field at DeKalb, which had been leased by the University for many years from the Fairview Park Cemetery Association, had to be abandoned because it was needed for cemetery expansion.

In 1945 the President of the University authorized the assignment of eighty acres of one of the Wright Farms for use as an experiment field to replace the field formerly leased. This operation has become a permanent part of the Agricultural Experiment Station's program and is known as the Northern Illinois Experimental Field. Residents of DeKalb County have made grants of funds to the University from time to time, now totaling $31,070, for improvements on this field.

I recommend that this area of the Wright Farms be transferred from the endowment to the educational program of the University until further notice.

On motion of Mr. McLaughlin, this land was transferred as recommended.

REVISIONS IN REQUIREMENTS FOR ADMISSION TO GRADUATE WORK AT URBANA-CHAMPAIGN

(7) The University Senate recommends the following revisions in the requirements for admission to graduate work in the Departments at Urbana-Champaign effective at the beginning of the academic year 1950-1951:

1. *Admission with Full Status.* Admission to the Graduate College is granted to graduates of institutions whose requirements for the bachelor's degree are substantially equivalent to those of the University of Illinois, provided that the applicant's undergraduate grade-point average for that portion of work which represents the last 50 per cent of the hours completed to secure the bachelor's degree,

exclusive of required physical education and military training, is at least 3.50[1], provided further that the undergraduate preparation is appropriate to advanced study in the chosen major field. Certain departments may require of entering graduate students minimum grade-point averages substantially higher than the general minimum of 3.50.

2. *Admission with Advanced Standing.* Admission to the Graduate College is granted to those who hold a bachelor's degree and have completed one or more years of graduate study at an accredited institution and who desire to become candidates for the degree of Doctor of Philosophy at the University of Illinois, only upon the favorable recommendation of the department of the major field of study and of the Dean of the Graduate College. If admission is granted to such an applicant, the amount of credit to be allowed will be determined by the Dean upon the recommendation of the major department.

3. *Admission with Limited Status.* In the departments requesting this arrangement, a person whose record in undergraduate work does not meet the requirements for admission with full status may be admitted on limited status. A student originally admitted on limited status may, upon completion of not less than the equivalent of three units of work, petition the Executive Faculty of the Graduate College to be transferred to full status.

The purpose of these revisions is to clarify the standards for admission to graduate work, and they have the approval of the Dean of the Graduate College.

I concur.

The Provost commented on this matter.

On motion of Mr. Nickell, these revisions were approved as recommended.

CURRICULUM PREPARATORY TO TEACHING IN THE ELEMENTARY SCHOOLS

(8) The University Senate recommends adoption of the following proposed curriculum preparatory to teaching in the elementary schools leading to the degree of Bachelor of Science in Elementary Education (see Appendix, page 1036).

State requirements for certification of elementary and kindergarten-primary teachers necessarily exerted a considerable influence on the planning of this program. Graduation requirements as recommended more than meet minimum certification requirements.

This program was planned without the usual major and minor subjects of specialization. Requirements placed upon an elementary school teacher by the nature of the job put a premium upon a broad general education and upon broad training in professional courses. The elementary school teacher commonly teaches in all content areas.

The program requires that all graduates meet the requirements for the elementary certificate. Teachers who wish to qualify for the kindergarten-primary certificate need a minimum of six hours elective to get the additional professional courses required for this certification.

Admission requirements for this curriculum are the same as those of the general admission requirements to the other four-year curricula in the College of Education.

With the exception of the starred courses, which are required, students may substitute equivalent courses for those listed with the approval of an official adviser for this curriculum.

A minimum of 124 semester hours, exclusive of required physical education and military training, are required for graduation under this curriculum.

I concur.

The Provost commented on this matter.

On motion of Mr. Nickell, this curriculum was approved as recommended.

[1] This is the numerical equivalent of a scholastic average half way between C and B in the University's grading system of A, B, C, D, E, in which A is the highest grade, D the lowest passing grade, and E indicates failure.

REVISION IN THE REQUIREMENTS FOR ADMISSION TO THE CURRICULUM IN INDUSTRIAL DESIGN

(9) The University Senate recommends that one and one-half units of credit in algebra and one unit of credit in geometry be required for admission to the curriculum in Industrial Design in the College of Fine and Applied Arts. This change constitutes an adjustment within the pattern already set for certain curricula in that College.

I concur.

On motion of Mr. Nickell, these requirements were approved as recommended.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(10) The Committee on Nonrecurring Appropriations recommends assignments of funds from the "Reserve for Nonrecurring Purposes" in the budget for 1949-1950 as follows:

For the Colleges and Schools at Urbana	
1. Equipment for Department of Food Technology	$ 8 000
2. Equipment for Department of Bacteriology	13 000
3. Equipment for Department of General Engineering Drawing	3 655
4. Airconditioning of low-pressure chamber quarters in Physical Environment Laboratory	9 750
5. Remodeling of shops and purchase of equipment to expand and improve facilities for Industrial Arts	38 762
6. Equipment and remodeling for Department of Physiology	56 262
7. Construction of animal sheds and pens for Department of Zoology	1 700
8. Steel tower for television and FM antenna equipment for University broadcasting	75 159
9. Construction of permanent, removable platform and waterproof awning for Commencement exercises in the Stadium	6 500
10. Remodeling of and equipment for Bursar's Office	16 000
11. Safety improvements in Noyes Laboratory	100 000
For the Chicago Professional Colleges	
12. Remodeling of and equipment for Research and Educational Hospitals	1 975
13. Library books for Departments of Ophthalmology and Otolaryngology, for use in the Illinois Eye and Ear Infirmary	500
14. Rehabilitation of dissecting tables in Department of Anatomy	3 000
15. Equipment for Department of Physiology	1 100
16. Purchase of animal cages for Animal Hospital	13 000
17. Remodeling for Department of Pathology	7 500
For the Chicago Undergraduate Division	
18. X-ray equipment for Health Service	2 200
Total	$358 063

The requests for these assignments of funds have been carefully studied by the Committee on Nonrecurring Appropriations. Reports of the Committee, giving details on each item, are submitted herewith.

I concur.

The Provost commented on items 5 and 6, and Professor Hudson commented on item 8.

On motion of Mr. Livingston, these appropriations were made as recommended, by the following vote: Aye, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Fornof, Dr. Meyer, Mr. Stevenson.

RELEASE OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

(11) The Governor has approved the following release of funds from appropriations made to the University of Illinois for 1949-1951 for buildings and other capital improvements:

Release No. 16

"For Permanent Improvements at Urbana-Champaign Additions to Power and Heating Plant and Remodeling of Existing Buildings.....$6 444"

This is a partial release from an appropriation of $1,215,000 of which $880,000 has been budgeted for additions to the Power Plant, $263,500 for remodeling of existing buildings. The funds now released are for structural steel for the construction of an addition to the turbine room of the Power Plant, a contract for which was awarded by the Board of Trustees on January 12, 1950.

Release No. 17

"For Permanent Improvements at Chicago Construction of Addition to Present Hospital.....$370 966 18"

This is a partial release (the third) from an appropriation of $7,395,000. The funds now released are for the purchase and installation of fixed equipment.

Release No. 18

"For Equipment for Buildings at Urbana-Champaign and Chicago....$62 353 65"

This is a partial release (the second) from an appropriation of $680,000. The funds now released are for the purchase of some of the movable equipment to be used in the hospital addition. Contracts for the purchase and installation of this equipment have already been authorized by the Board.

I recommend that the funds released be appropriated for the purposes specified.

On motion of Mr. McLaughlin, these funds were appropriated as recommended, by the following vote: Aye, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Fornof, Dr. Meyer, Mr. Stevenson.

APPROPRIATIONS BY THE ATHLETIC ASSOCIATION

(12) The Board of Directors of the Athletic Association on February 1 assigned $30,000 from its reserve funds to cover the development and operation of the two golf courses (the present nine-hole course southeast of the Stadium and the new eighteen-hole course adjoining the University Airport to be put in use this year) to cover the normal operation of these courses during the spring season. This subsidy is required because of an abnormal infestation of crab grass which must be removed, delay in the completion of the irrigation system, and additional work required in spreading sand in the traps, top dressing, etc.

This is a major adjustment in the budget of the Athletic Association and the approval of the Board of Trustees is required.

On motion of Mrs. Watkins, this change in the budget of the Athletic Association was approved.

CONTRACTS FOR VETERINARY SCIENCE BUILDING

(13) Funds are available in the State appropriation to the University for 1949-1951 for "Construction of Veterinary Science Unit." Bids were received on January 30 and 31, 1950, for the construction of this building.

It is recommended by the Director of the Physical Plant Department, the Comptroller, the Dean of the College of Veterinary Medicine, and Childs and Smith, architects for this building, that contracts be awarded to the lowest bidders as follows:

General contract work — John Felmley Company, Bloomington....	$ 701 859 00
Elevators and dumbwaiters—Elevator Manufacturing Company of America, Chicago.....	26 783 00
Plumbing contract work—W. T. Mahoney and Sons, Chicago.....	92 989 76
Heating, ventilating, air conditioning, and refrigeration contract work — National Korectaire Company, Chicago.....	155 594 00
Electrical contract work and lighting fixtures — Square Deal Electric, Urbana.....	58 965 75
Total Recommended Construction Contract Awards.....	(1 036 191 51)
Fixed laboratory equipment—Laboratory Furniture Company, Long Island City, New York.....	110 514 67
Total Recommended Contract Awards.....	$1 146 706 18

I recommend that these contracts be awarded subject to the release of funds by the Governor, and that the Comptroller and the Secretary of the Board be authorized to execute the contracts.

I submit a complete schedule of all bids received showing the base bids, alternates, and a budget for this building.

On motion of Mr. Livingston, contracts were awarded and authority was given as recommended.

REMODELING OF HOUSE AT 601 EAST JOHN STREET, CHAMPAIGN

(14) The Director of the Physical Plant and the Comptroller recommend the award of contracts for plumbing and heating and for electrical work in the remodeling of the house at 601 East John Street, Champaign, to provide quarters for the Speech Clinic:

Reliable Plumbing and Heating Company, Champaign..... $2 450
Bean Electric Company, Urbana..... 2 250

The general work will be done with University labor.

A special appropriation of $13,470 was made by the Board of Trustees for the remodeling of this building.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts.

On motion of Mr. McLaughlin, contracts were awarded and authority was given as recommended.

CONTRACT FOR INSTALLATION OF HOT AND COLD WATER SYSTEMS IN THE NURSES HOME, CHICAGO

(15) The Director of the Physical Plant and Comptroller recommend award of a contract to Fettes, Love, and Sieben, Chicago, the lowest bidders, for the installation of hot and cold water systems in the Nurses Home of the Research and Educational Hospitals in Chicago. This installation is required to replace the pump facilities that will no longer be available when the present power plant goes out of service.

Funds are available.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Livingston, this contract was awarded and authority was given as recommended.

ADDITION TO GENERAL CONTRACT FOR STUDENT AND STAFF APARTMENTS

(16) The Director of the Physical Plant and the Comptroller recommend an increase of $5,128.50 in the general contract with the John Felmley Company for the construction of the Student and Staff Apartments to cover removal of existing tracks on all wardrobe sliding doors which have been found unsatisfactory and replacement with new tracks, rollers, and door guides, with overhead track installation. The latter have been tried in the building and found satisfactory.

Funds are available.

I concur and recommend that the Comptroller be authorized to execute this addition to the contract.

On motion of Mrs. Watkins, authority was given as recommended.

ADDITION TO PLUMBING CONTRACT FOR STUDENT AND STAFF APARTMENTS

(17) The Director of the Physical Plant and the Comptroller recommend an increase of $2,298 in the contract with E. M. Hayes, Champaign, for the plumbing work in the construction of the second unit of the Student and Staff Apartments for the water main extension to the building. Utility connections were not included in the original construction bids since the plans and specifications for this work were not available when the original contracts were awarded.

Funds are available in the appropriation for the construction of this addition to the Student and Staff Apartments.

I concur and request that the Comptroller be authorized to execute this contract addition in the amount of $2,298.

On motion of Mr. Livingston, authority was given as recommended.

ADDITION TO GENERAL CONTRACT FOR EAST CHEMISTRY BUILDING

(18) The Director of the Physical Plant and the Comptroller recommend an increase of $1,887 in the general contract with the John Felmley Company for the construction of the East Chemistry Building to install roofing, flashing, and quarry tile for an animal runway over the third floor of the East Chemistry Building. The floor construction of this area is not entirely watertight; to provide an improved and more sanitary surface for the floors of these pens, a sheet of membrane waterproofing and quarry tile will be laid over the present concrete floor.

Funds are available in the State appropriation for this building.

I concur and request that the Comptroller be authorized to execute this addition to the contract.

On motion of Mrs. Holt, authority was given as recommended.

CHANGE IN CONTRACT FOR INSTALLATION OF ELEVATORS AND DUMBWAITERS IN CONSTRUCTION OF ADDITION TO RESEARCH AND EDUCATIONAL HOSPITALS

(19) The Otis Elevator Company, contractor for the installation of elevators and dumbwaiters in the construction of the addition to the Research and Educational Hospitals, has proposed the installation of additional control features for all floor elevators to provide "without attendant" operation. The specifications provide for this feature in only two of the elevators. Extending it to all four would increase the contract by $2,760.

The Director of the Physical Plant and the Comptroller recommend approval of this change.

I concur and recommend that the Comptroller be authorized to execute this change order.

On motion of Mr. Nickell, authority was given as recommended.

CONTRACT FOR REPLACEMENT OF DOORS IN THE RESEARCH AND EDUCATIONAL HOSPITALS

(20) The Director of the Physical Plant and the Comptroller recommend the award of a contract for $1,913 to the Mutual Contracting Company, Chicago, the lowest bidder, for replacement of doors in the Research and Educational Hospitals.

The outside doors on the first floor are so badly warped that they are not weather-tight, and require constant maintenance. The metal doors on the fifth floor are also corroded and the leaded glass panels need replacement. The annual maintenance cost of new wooden doors will be considerably less, and they will be weatherproof.

Funds are available.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. McLaughlin, this contract was awarded and authority was given as recommended.

CHANGES IN CONTRACT FOR ELECTRICAL INSTALLATIONS IN CONSTRUCTION OF ADDITION TO RESEARCH AND EDUCATIONAL HOSPITALS

(21) The Wadeford Electric Company, Chicago, contractor for the electrical installations in the construction of the addition to the Research and Educational Hospitals, has proposed to furnish and install a regulated synchronous alternating current clock system, as manufactured by Edwards and Company, instead of the I.B.M. electronic system specified. This would result in a net reduction of $4,500 in the contract.

This contractor has further proposed furnishing and installing lead covered cable instead of moisture-proof rubber insulated cable specified for all underground and underfloor 600-volt feeder cables. This would add $2,000 to the contract.

The Director of the Physical Plant and the Comptroller recommend approval of these changes.

I concur and recommend that the Comptroller be authorized to execute the change orders.

On motion of Mr. Livingston, authority was given as recommended.

CONTRACT FOR ENGINEERING SERVICES ON IMPROVEMENTS IN ELECTRICAL DISTRIBUTION SYSTEM

(22) The increased use of certain buildings has resulted in demands on the electrical distribution system which has created dangerous overloads. This situation exists in Davenport Hall, Natural History Building, Library, Auditorium, Talbot Laboratory, Harker Hall, and Altgeld Hall.

Improvement of transformer vaults in these buildings is necessary to relieve the overloads by providing increased capacity and to eliminate fire hazards. The alternative is to restrict the activities of the departments using these buildings.

The Director of the Physical Plant and the Comptroller recommend that the firm of Graham, Anderson, Probst, and White, Chicago, be employed to prepare plans and specifications for these improvements. Studies made by this firm in 1945 for a postwar building program reveal that such improvements are necessary. Detailed plans and specifications are now needed to secure adequate cost estimates before proceeding with the work. It is proposed that Graham, Anderson, Probst, and White be employed on the same terms as we have applied to other jobs of this kind done for the University, viz., payment by the University of the actual salaries of draftsmen, engineers, and other personnel employed, plus 100 per cent for administrative overhead and commission, plus actual travel costs, plus the cost of advertising for bids. It is estimated that the total cost of such services will not exceed $10,000.

Funds are available in the State appropriation for "Additions to Power and Heating Plant and Remodeling of Existing Buildings," and such funds have already been released by the Governor.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute a contract for these services.

On motion of Mr. Herrick, authority was given as recommended.

TAX STATUS OF MEDICAL CENTER STEAM COMPANY

(23) Since the Medical Center Steam Company is organized under the general corporations act of Illinois, its property is not exempt from taxation under the laws providing exemption of State properties. However, the Company will be operating a steam service primarily for the University and the stockholders will get no profit. Hence, it is desirable to establish exemption from local property taxes.

The Legal Counsel and the Comptroller recommend that the law firm of Chapman and Cutler, Chicago, be employed to study this problem.

The officers of the Medical Center Steam Company have offered to cooperate in a study of this problem and will secure the services of the tax expert of Commonwealth Edison Company.

I concur.

On motion of Mrs. Watkins, this recommendation was adopted.

LEGAL SERVICES FOR BOND ISSUE TO FINANCE CONSTRUCTION OF STUDENT AND STAFF APARTMENTS

(24) The second six-story building of the Student and Staff Apartments at Green Street and Goodwin Avenue, Urbana, now under construction, will be financed in part through borrowing $700,000. It appears that the best method of securing such funds is through a revenue bond issue of the Board of Trustees.

The Legal Counsel and the Comptroller recommend that the law firm of Chapman and Cutler, Chicago, be engaged for all necessary services in connection with the bond issue.

I concur.

On motion of Mr. Livingston, this recommendation was adopted.

EMPLOYMENT OF UNIVERSITY AUDITORS

(25) The Finance Committee recommends that the firm of George Rossetter and Company, Certified Public Accountants, Chicago, be retained as auditors for the year ending June 30, 1950, their services to be charged on the basis of a per diem rate and expenses, with the understanding that the aggregate charges will not exceed the following:

University of Illinois (all divisions)	$10 500
University of Illinois Foundation (including Retirement System)	600
University of Illinois Athletic Association (including Retirement System)	750

These maximum costs are based on the assumption that if the auditors go beyond the scope of usual examination, further compensation for such additional work will be allowed after review and approval by the Finance Committee.

On motion of Mr. McLaughlin, this recommendation was concurred in.

REPORT FROM THE LEGAL COUNSEL AND THE COMPTROLLER ON COURT DECREE ON WORKING FUNDS AND SECURITIES UNIVERSITY OF ILLINOIS VS. IRVIN L. PORTER, TREASURER

(26) Prior to June 12, 1948, working funds were maintained in banks in Champaign and Galesburg for the more rapid and efficient transaction of University business. In 1948 Mr. Irvin L. Porter, Treasurer, raised a question as to his personal liability in case of a loss of such funds and on the date indicated above the working fund maintained in Urbana-Champaign was transferred to the First National Bank of Chicago of which he was an officer. Securities belonging to the University have been held since 1932 by the First National Bank of Chicago, under an Agency agreement, and not by the University Treasurer personally.

On July 21, 1948 (Minutes, page 12), the Board amended the by-laws and statutes of the University so as to relieve the Treasurer of responsibility for such funds or securities when not in his possession. In the same action it approved the increase of the Bursar's fund for the Urbana-Champaign Business Office to $100,000 from a previous total of $60,000 and authorized the deposit of this fund in the First National Bank in Champaign. The $40,000 increase, together with a previous increase in this fund of $41,575 made in June, 1946, was taken from general funds accumulated as a result of the collection of indirect costs in the operation of United States government research contracts. A legal opinion has been secured from the Legal Counsel of the University that such funds may be retained by the University and need not be deposited in the University Income Fund held by the Treasurer of the State of Illinois.

On July 21, 1948, the Board also authorized the Legal Counsel to prosecute any suit required to establish the validity of the Board action of such date relative to these funds and securities. At a previous conference between Mr. Porter's attorneys, the Legal Counsel, and the Comptroller, it was indicated that Mr. Porter would be agreeable to the transfer of the funds from his custody if required by court decree. It was the opinion of the attorneys that such court decree would further protect Mr. Porter from personal liability in respect to these funds. Accordingly, on July 31, 1948, a formal request was made to Mr. Porter to transfer the funds as approved by the Board of Trustees on July 21. Mr. Porter then refused to transfer such funds and action was instituted by the Legal Counsel in the Superior Court of Cook County to secure a declaratory judgment requiring such transfer.

After the suit was entered it was mutually agreed to offer the Attorney General of the State of Illinois an opportunity to become a party, in view of the possibility that interests of the State other than those of the University might be involved. After investigation it was the decision of the Attorney General that such other interests were not involved and, therefore, he did not become a party to the suit.

On January 25, 1950, after a hearing on the petition, Judge Joseph A. Graber entered a decree finding that the action of the Board on July 21, 1948, relating to

the funds and securities, was valid under the laws of the State of Illinois and ordering Irvin L. Porter to comply with the request that funds be transferred in accordance with the Board's action of July 21, 1948.

Mr. Porter has now indicated that he is ready to proceed with the transfer. Accordingly, the funds will be deposited as required by the action of July 21, 1948, with the exception of those of the Galesburg Undergraduate Division, which funds with the termination of that division were returned to general funds of the University.

WILLIAM E. BRITTON, *Legal Counsel*
LLOYD MOREY, *Comptroller*

This report was received for record.

PURCHASES

(27) The Director of Purchases has proposed and the Comptroller recommends the following purchases (see Appendix, page 1037). Unless otherwise specified, the purchase in each case is recommended on the basis of the lowest bid.

I concur.

On motion of Mr. Livingston, these purchases were authorized as recommended.

REPORT OF EMERGENCY PURCHASES OF COAL

(28) As a result of the coal strike, on October 25, 1949, the Board of Trustees authorized the President of the Board and the Comptroller to approve emergency purchases of coal at the best price obtainable by the Director of Purchases. Following is a report of such purchases made since the last Board meeting on January 12, 1950:

	Price (f.o.b. mine)	*Freight*	*Total*
Urbana			
Lafayette Coal Co., Chicago			
750 tons (approximately)			
Per ton	$ 6 00	$ 2 30	$ 8 30
Total	4 500 00	1 725 00	6 225 00
Taylor-English Coal Co., Catlin			
750 tons (approximately)			
Per ton	5 85	1 03	6 88
Total	4 387 50	772 50	5 160 00
Total, Urbana			(11 385 00)
Chicago			*(Delivered price)*
Roth-Adams Fuel Co., Chicago			
600 tons 1½" washed screenings			
Per ton			8 95
Total			5 370 00
Roth-Adams Fuel Co., Chicago			
500 tons 1½" washed or dedusted screenings			
Per ton			8 95
Total			4 475 00
Roth-Adams Fuel Co., Chicago			
500 tons 1½" washed or dedusted screenings			
Per ton			8 95
Total			4 475 00
Total, Chicago			(14 320 00)
Total, Urbana and Chicago			$25 705 00

This report was received for record.

REPORT OF PRICE ADJUSTMENTS FOR COAL RECEIVED FROM REPUBLIC COAL AND COKE COMPANY FOR THE QUARTER ENDED DECEMBER 31, 1949

(29) In accordance with the request of the Board of Trustees, the following report is submitted of coal deliveries by the Republic Coal and Coke Company for the quarter ended December 31, 1949.

	Analysis	*Deviation from Contract*	*Price Adjustment*
1. November 14-20, twenty cars received or 1,000 tons	Ash— 9.60%	None	None
	Sulphur— 3.43%	None	None
	B.T.U.— 13,107	None	None
	Fines—17.00%	None	None
2. November 21-27, twelve cars received or 600 tons	Ash— 9.20%	None	None
	Sulphur— 3.13%	None	None
	B.T.U.— 13,225	None	None
	Fines—17.56%	None	None
3. November 27-December 3, seventeen cars received or 919.45 tons	Ash—10.29%	+1.59%	Deduct $.009/ton
	Sulphur— 3.25%	+0.44%	None
	B.T.U.— 12,972	−1.3 %	None
	Fines—20.32%	+0.32%	None
		Total	Deduct $.009/ton
4. December 4-10, fifteen cars received or 786 tons	Ash— 9.90%	+1.2 %	Deduct $.009/ton
	Sulphur— 3.16%	+0.36%	None
	B.T.U.— 13,149	−0.00%	None
	Fines—24.70%	+4.70%	Deduct $.080/ton
		Total	Deduct $.089/ton
5. December 11-17, four cars received or 242.10 tons	Ash—10.30%	+1.60%	Deduct $.009/ton
	Sulphur— 3.14%	+0.34%	None
	B.T.U.— 12,875	−2.09%	Deduct $.084/ton
	Fines—28.10%	+8.10%	Deduct $.160/ton
		Total	Deduct $.253/ton

(3) 919.45 tons × $.009 = $ 8.27
(4) 786.00 tons × .089 = 69.95
(5) 242.10 tons × .253 = 61.25

Total Deduction $139.47

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(30) The Comptroller's report of contracts and leases executed and adjustments made in contracts during the period from December 11, 1949, to January 10, 1950 (see Appendix, page 1039).

This report was received for record.

COMPTROLLER'S QUARTERLY REPORT

(31) The report of the Comptroller for the quarter ending December 31, 1949.

This report was received for record.

CONTRACT FOR ARCHITECTURAL SERVICES ON DRUG PLANT RESEARCH STATION

(32) The Board of Trustees on January 12, 1950 (Minutes, page 970), appropriated $65,000 for the construction of buildings (heated greenhouse with adjoining headhouse, machine shed, and pump house) at the Morton Arboretum near Chicago for the Drug Plant Experiment Station.

The Physical Plant Department recommends that Schweikher and Elting, Architects, Roselle, Illinois, be employed for the necessary architectural services at a fee of 5½ per cent of the total cost. Based on the estimated cost of the buildings ($55,000), the fee will be approximately $3,025.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute a contract with Schweikher and Elting for such services.

On motion of Mr. McLaughlin, this contract was awarded and authority was given as recommended.

CONTRACTS FOR REMODELING OF QUARTERS FOR THE DEPARTMENT OF BIO-CHEMISTRY IN THE COLLEGE OF MEDICINE

(33) The Board of Trustees on January 12, 1950 (Minutes, page 970), made an appropriation of $100,000, subject to release of funds by the Governor, from the State appropriation for remodeling and equipment of quarters for the Department of Bio-Chemistry in the College of Medicine. A previous appropriation had been made on March 17, 1949 (Minutes, page 296), from the General Reserve Fund for the architectural and engineering services.

The Director of the Physical Plant and the Comptroller recommend that contracts be awarded as follows:

General mechanical and electrical work — Mueller Construction Co., Chicago $65 750 00
Manufacture and installation of fixed laboratory equipment, based on University specifications — E. H. Sheldon and Company, Chicago .. 25 996 12

These are the lowest bidders. The bid of E. H. Sheldon and Company on the laboratory equipment was $33,201.20; it was reduced by $7,205.08 by elimination on recommendation of the Department of Bio-Chemistry of twelve items of equipment.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts subject to the release of funds by the Governor. A release of $100,000 will be requested to cover these contracts and to provide approximately $9,000 for any necessary adjustments and the cost of moving the department after the remodeling.

On motion of Mr. Nickell, these contracts were awarded and authority was given as recommended.

PURCHASE OF X-RAY EQUIPMENT FOR ADDITION TO RESEARCH AND EDUCATIONAL HOSPITALS

(34) Competitive quotations were taken on January 31 on X-ray equipment required for ten rooms of the Radiology Department in the addition to the Research and Educational Hospitals now under construction.

The Head of the Department of Radiology, the Business Manager for the Chicago Professional Colleges, the Director of Purchases, and the Comptroller recommend purchases of this equipment as follows:

Picker X-ray Corporation, Chicago, equipment for Rooms 301, 302, 307, 310, 347, 352	$59 680
General Electric X-ray Corporation, Chicago, equipment for Room 304 and Emergency Room	12 303
Kelley Koett Company, Chicago, equipment for Rooms 340 and 346	31 630
	$103 613

Funds are available in the State appropriation for the "Construction of addition to present hospital."

I recommend approval, subject to the release of funds by the Governor.

On motion of Mr. Livingston, these purchases were authorized as recommended.

ENDOWMENT FUNDS INVESTMENTS

Mr. McLaughlin, for the Finance Committee, presented the following report.

The Finance Committee recommends the following transactions involving securities which are investments of endowment funds:

Sales:

Two shares of Standard Oil Company of New Jersey Common Stock
200 shares of Crane Company Common Stock

Purchases:

200 shares of Deere and Company Common Stock

Authorization to proceed with these transactions and approval of the following resolution is requested:

Resolution Regarding Sale of Stock

Whereas the Board of Trustees of the University of Illinois is the owner of two shares of Standard Oil Company of New Jersey Common Stock and 200 shares of Crane Company Common Stock, and

Whereas the Board of Trustees has approved the sale of such stock in its meeting of February 16, 1950,

Now, therefore, be it resolved by the Board of Trustees of the University of Illinois that Lloyd Morey, Comptroller, and H. E. Cunningham, Secretary, be authorized to execute any and all documents necessary to complete such sale.

On motion of Mr. McLaughlin, these transactions were authorized and the resolution was adopted as recommended.

SECRETARY'S REPORT OF CONTRACT

The Secretary presented for record the following document signed by the President and the Secretary of the Board, and deposited with the Secretary since the last report.

Marine National Exchange Bank of Milwaukee, Deposit Agreement, $175,000 Staff Housing Revenue Bonds, Florida and Race Street Staff Housing Project—dated October 1, 1949.

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 1005).
2. Graduate fellows (page 1007).
3. Resignations and declinations (page 1008).
4. Leaves of absence (page 1008).
5. Degrees granted February 12, 1950 (page 1009).

The Board adjourned, to meet on March 14, 1950.

H. E. CUNNINGHAM
Secretary

KENNEY E. WILLIAMSON
President

APPENDIX

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. Part-time appointments are shown by fractions after the name of the department. C = College; S = Station; E = Extension.)

ANASTOPOULOS, VASILIOS B., Instructor, Parasitology (Medicine) (Medicine), eight months beginning January 1, 1950, $300 a month, supersedes (1-25-50).

ARMSTRONG, GENE L., Assistant, Theoretical and Applied Mechanics (C), February 1-June 15, 1950, $266.66 a month (2-10-50).

ASHWORTH, BETTY J., Teacher, Nursery School (Division of Special Services for War Veterans), seven months beginning February 1, 1950, to render service during the academic year, $3200 a year, supersedes (1-25-50).

BALIN, BERNICE, Research Assistant, Pediatrics (Medicine), eight months beginning January 1, 1950, $225 a month (1-24-50).

BATEMAN, PAUL T., Assistant Professor, Mathematics, academic year beginning September 1, 1950, $4500 (2-3-50).

BOFFO, LOUIS S., Assistant, Institute of Labor and Industrial Relations, February 1-June 15, 1950, $1200 (1-24-50).

BREYMANN, WALTER N., Assistant, Division of General Studies, February 1-June 15, 1950, $333.32 a month, supersedes (1-24-50).

CAULDWELL, EARL W., Assistant Professor, Pathology (Medicine), July 1, 1950-August 31, 1951, $6000 a year, supersedes (2-13-50).

CREVIER, PAUL H., Clinical Assistant, Neurology and Neurological Surgery (Medicine), six months beginning January 1, 1950, without salary (2-2-50).

CURRENT, RICHARD N., Associate Professor, History, indefinite tenure beginning September 1, 1950, to render service during each academic year, $5800 a year (1-24-50).

DAKIN, THEODORE R., Clinical Assistant, Medicine (Medicine), eight months beginning January 1, 1950, without salary (1-24-50).

DENEMARK, GEORGE W., Instructor, Education, February 1-June 15, 1950, $1400, supersedes (2-2-50).

DENKO, JOHN V., Instructor, Pathology (Medicine), one year beginning July 1, 1950, without salary (1-24-50).

DRESKIN, E. A., Instructor, Pathology (Medicine) (¾), one year beginning April 1, 1950, $3000 (2-2-50).

DRUMHELLER, CARL E., Special Research Assistant Professor, Electrical Engineering (S), eight months beginning January 1, 1950, $5200 a year (2-3-50).

FLETCHER, CHARLES H., Research Assistant Professor, Aeronautical Engineering (S), July 1, 1950-August 31, 1951, $5500 a year (1-24-50).

FULLER, JOHN B., Clinical Teaching Assistant, Pathology (Medicine), five months beginning February 1, 1950, without salary (2-2-50).

GALPIN, AUDREY H., Assistant, English, February 1-June 15, 1950, $1550 (2-2-50).

GRAVES, DAN W., Photographic Reproduction Laboratory Assistant (½), Acquisition Assistant (½), Library, seven months beginning February 1, 1950, $250 a month, supersedes (2-10-50).

HAGAN, MRS. MABEL R., Assistant Professor, Education (83/100), Counselor on Teacher Education (17/100), six months beginning March 1, 1950, to render service during the second semester of the academic year, $4000 a year, supersedes (2-11-50).

HAGEN, EVERETT E., Professor, Economics, indefinite tenure, Chairman, Department of Economics, January 1, 1950-August 31, 1951, $11,000 a year, supersedes (1-3-50).

HARDRE, RENE, Clinical Instructor, Pathology (Medicine), eight months beginning January 1, 1950, without salary (1-24-50).

HILL, MRS. DEANE W., Catalog Assistant, Library, seven months beginning February 1, 1950, $250 a month, supersedes (2-2-50).

HINCHCLIFF, KEITH H., Associate Professor, Farm Structures (Agricultural Engineering) (E) (23/100), indefinite tenure beginning January 1, 1950, $1680 a year, supersedes (1-19-50).

HUA, LOO-KENG, Visiting Professor, Mathematics, academic year beginning September 1, 1950, $7500 (2-2-50).

HUFFMAN, WILLIAM L., Assistant, Mathematics, September 16, 1949—until further notice, without salary (on leave of absence, on account of disability) (1-26-50).

JANKE, MRS. LEOTA L., Instructor, Education, six months beginning February 1, 1950, to render service during the second semester of the academic year, $22.50 (1-26-50).

JOHNSON, CHARLES E., Instructor, Education (½), five months beginning February 1, 1950, to render service during the second semester of the academic year, $1000 (2-10-50).

KARK, ROBERT M., Professor, Medicine (Medicine), July 1, 1950-August 31, 1951, $10,000 a year, supersedes (2-13-50).

KELLEY, DOROTHY J., Assistant Editor, rank of Assistant, Law, February 8-August 31, 1950, $250 a month (2-2-50).

KNOCK, FRANCES E., Research Associate, Pharmacology (Medicine) (½), January 15-August 31, 1950, $250 a month, supersedes (2-10-50).

KNOEBEL, H. W., Special Research Assistant, Physics (C), seven months beginning February 1, 1950, $270 a month (2-11-50).

KOEHLER, JAMES S., Associate Professor, Physics (C), academic year beginning September 1, 1950, $7000 (1-24-50).

KOSTRUBALA, JOSEPH G., Clinical Assistant, Surgery (Medicine), January 15-August 31, 1950, without salary (2-10-50).

LOHMEYER, CHARLES R., Associate Director, Civil Service of Nonacademic Personnel, seven months beginning February 1, 1950, $6600 a year (2-3-50).

LOOKER, CHARLES B., JR., Instructor, Architecture, six months beginning February 1, 1950, to render service during the second semester of the academic year, $3800 a year (1-13-50).

MATTHEWS, EDITH A., Assistant Teacher, Nursery School (Division of Special Services for War Veterans), six months beginning February 1, 1950, to render service during the second semester of the academic year, $225 a month (2-2-50).

MCGAUGHEY, JODA L., Instructor, Home Furnishings Extension (Home Economics) (E), six months beginning March 1, 1950, $4000 a year (2-2-50).

MIHELICH, JOHN W., Special Research Assistant, Physics (C), five months beginning February 1, 1950, $270 a month, supersedes (2-11-50).

MILLER, MELVIN L., Instructor, Education (½), five months beginning February 1, 1950, to render service during the second semester of the academic year, $1000 (2-10-50).

MUNOZ, JOAQUIN, Assistant Professor, Bacteriology (Medicine), February 1, 1950-August 31, 1951, to render service during each academic year, $5000 a year, supersedes (2-13-50).

NORMAN, ERNEST R., Instructor, Architecture (Undergraduate Division in Chicago), five months beginning February 1, 1950, to render service during the second semester of the academic year, $2000 (2-2-50).

PASPY, STANLEY F., Special Research Assistant, Ceramic Engineering (C & S), seven months beginning February 1, 1950, $325 a month, supersedes (2-4-50).

PETERSON, FRANK L., Special Research Assistant, Physics (C), seven months beginning February 1, 1950, $300 a month, supersedes (2-2-50).

POTTER, ANN M., Catalog Assistant, Library, January 9-August 31, 1950, $3200 a year (1-11-50).

PRATT, DONALD W., Instructor, Veterinary Pathology and Hygiene (Veterinary Medicine), seven months beginning February 1, 1950, $4000 a year (1-17-50).

PRESBITERO, JULIA, Assistant, Surgery (Medicine), six months beginning January 1, 1950, without salary (2-2-50).

RADICE, CANIO, Instructor, Art (Undergraduate Division in Chicago) (⅓), five months beginning February 1, 1950, $750 (1-24-50).

REQUARTH, WILLIAM H., Clinical Instructor, Surgery (Medicine) (⅕), eight months beginning January 1, 1950, $800 a year, supersedes (2-2-50).

REYNOLDS, JOHN T., Clinical Assistant Professor, Surgery (⅖), Acting Assistant Dean of the College of Medicine, Acting Assistant Medical Director, Research and Educational Hospitals (⅕), nine months beginning December 1, 1949, $3400 a year, supersedes (1-16-50).

ROSENTHAL, SOL R., Director of the Institution of Tuberculosis Research (Medicine), January 1, 1950-August 31, 1951, $7000 a year; in addition to $3000 a year paid by the Research Foundation, supersedes (1-19-50).

SCOTT, ROLAND F., Exchange Assistant, Library, seven months beginning February 1, 1950, $250 a month, supersedes (2-10-50).

SHANK, MAX C., Instructor, Biological Sciences (Undergraduate Division in Chicago), five months beginning February 1, 1950, to render service during the second semester of the academic year, $360 a month (2-2-50).

SPEIGEL, I. J., Clinical Associate, Neurosurgery (Neurology and Neurological Surgery) (Medicine), eight months beginning January 1, 1950, without salary, supersedes (2-2-50).

SPINKA, HAROLD M., Clinical Assistant, Dermatology (Rush) (Medicine), seven months beginning February 1, 1950, without salary (2-10-50).

SPROW, MRS. CLEMENTINE H., Engineering Library Assistant (Library), seven months beginning February 1, 1950, $250 a month, supersedes (2-2-50).

STEPHENSON, WAYLAND A., Clinical Instructor, Psychiatry (Medicine), seven months beginning February 1, 1950, without salary (2-10-50).

STRAVINSKY, SOULIMA, Associate Professor, Music, academic year beginning September 1, 1950, $5500 (2-3-50).

STRODEL, CARL F., Lecturer, Marketing (Pharmacy) (Pharmacy), three months beginning January 1, 1950, $233.33 a month (2-2-50).

TARUN, DONALD W., Clinical Assistant, Medicine (Rush) (Medicine), eight months beginning January 1, 1950, without salary (1-24-50).

THOMPSON, RALPH H., Instructor, Education (83/100), six months beginning March 1, 1950, to render service during the second semester of the academic year, $1334, supersedes (2-2-50).

VAN ARSDELL, PAUL M., Professor, Economics (½), indefinite tenure, to render service during each academic year, and Vice-Chairman of the Department of Economics (½) (on Y basis), January 1, 1950-August 31, 1951, $7500, supersedes (1-3-50).

YAFFE, BERNARD, Clinical Instructor, Dermatology (Rush) (Medicine), seven months beginning February 1, 1950, without salary (2-10-50).

ZIENTEK, RALPH J., Assistant, Pathology (Medicine), one year beginning July 1, 1950, without salary (1-24-50).

ZIM, H. S., Associate Professor, Education, academic year beginning September 1, 1950, $6000 (2-3-50).

GRADUATE FELLOWS

(The following appointments were made by the President of the University on the dates indicated in parenthesis.)

BENJAMIN, FRED B., Research Fellow, Clinical Science (Medicine), January 27-August 31, 1950, $200 a month (2-2-50).

COX, JOHN E., Lakefield Nepheline Syenite Fellow, Ceramic Engineering, February 1-June 15, 1950, and September 16, 1950-January 31, 1951, $1000 (1-28-50).

CROSS, DOROTHY M., Research Fellow, Physiology (Medicine), three months beginning January 1, 1950, $200 a month (1-11-50).

GORDON, ARCHER S., Research Fellow, Clinical Science (Medicine), three months beginning January 1, 1950, $150 a month (2-10-50).

JUSTER, RUBIN J., Research Fellow, Physiology (Medicine), three months beginning January 1, 1950, $150 a month (1-11-50).

MACKENZIE, AUDREY H., Upjohn Company Fellow, Horticulture, seven months beginning February 1, 1950, $700 (2-3-50).

MCKEOWN, MARILYN H., Fellow, Physics, February 1-June 15, 1950, $350 (2-2-50).

MOHR, PAUL H., Olin Industries, Inc. Fellow, Chemistry, February 1-June 15, 1950, $675 (1-23-50).

WOOD, DONALD W., Graham, Crowley, and Associates, Inc. Fellow, Chemical Engineering, one year beginning February 1, 1950, $1500 (1-11-50).

YEN, A. T. S., Special Postdoctoral Fellow, Ceramic Engineering, six months beginning February 1, 1950, $1800 (1-9-50).

YEN, TI, Fellow, Mathematics, February 1-June 15, 1950, $350, supersedes (1-19-50).

RESIGNATIONS AND DECLINATIONS

ALEXANDER, LLOYD G., Research Assistant Professor, Chemical Engineering (S) — resignation effective 2-1-50.

BAGLEY, CHARLES T., Visiting Assistant Professor, Civil Engineering (C) — resignation effective 3-1-50.

BERRY, ISAAC M., Fellow, Medicine — resignation effective 10-1-49.

BROWN, EDWARD L., Flight Instructor, Institute of Aviation — resignation effective 2-15-50.

BURNETT, RALPH W., Assistant, Soil Fertility (Agronomy) (S) — resignation effective at the end of business 2-28-50.

CELMER, WALTER D., Upjohn Company Fellow, Chemistry — resignation effective 3-1-50.

CHANNON, STANLEY L., Olin Industries, Inc. Fellow, Metallurgical Engineering — resignation effective 2-1-50.

COLOWICK, SIDNEY P., Associate Professor, Biological Chemistry (Medicine) — resignation effective 12-31-49.

CRAWFORD, FRED M., Assistant Professor, Rural Electrification Research (Agricultural Engineering) (S) — resignation effective 4-1-50.

CROSS, DOROTHY M., United States Public Health Service Research Fellow, Physiology (Medicine) — resignation effective 2-11-50.

DRAKE, MRS. ALINA, Instructor, Social Welfare Administration — resignation effective 3-4-50.

EATON, JAMES O., Instructor, Accountancy (Business Organization and Operation) — declination effective 3-1-50.

GREENWOOD, W. RUSSELL, Assistant Professor, Hygiene, and Medical Adviser for Men — resignation effective 2-14-50.

HERSHENHART, ALICE R., Fellow, Education — declination effective 2-1-50.

HUA, LOO-KENG, Visiting Professor, Mathematics — resignation effective 2-28-50.

KAPLAN, NATHAN O., Assistant Professor, Biological Chemistry (Medicine) — resignation effective 12-31-49.

KUHNS, DOROTHY J., Assistant Editor, rank of Instructor, Law — resignation effective 2-8-50.

MCNEILL, MRS. CECILY R., Architecture Library Assistant — resignation effective 2-1-50.

MUIRHEAD, PEGGY P., Instructor, Biological Sciences (Undergraduate Division in Chicago) — resignation effective 2-28-50.

ROHLING, MARY LOU, Personnel Technician, Student Counseling Bureau — resignation effective 2-1-50.

SCHULTZ, WILLIAM M., Instructor, Mechanical Engineering (C) — resignation effective 2-28-50.

SMITH, MRS. JEAN F., Assistant, Home Economics (S) — resignation effective 2-1-50.

STOECKER, WILBERT F., Assistant, Mechanical Engineering (C) — resignation effective 2-1-50.

LEAVES OF ABSENCE

BOYD, ANNE M., Professor, Library Science — leave of absence, without salary, March 1, 1950 — until she retires.

GOLDMAN, MARCUS S., Associate Professor, English — leave of absence, without salary, March 1-August 31, 1950.

HASTINGS, J. THOMAS, Associate Professor, Education, University Examiner, and Technical Director of the Evaluation Unit, Bureau of Research and Service — leave of absence, without salary, January 23-June 7, 1950.

MARINELLI, ANNE, Bibliographer, rank of Instructor, Library — leave of absence, without salary, March 1-December 31, 1950.

PAUL, ALLEN B., Assistant Professor, Food Industry (Agricultural Economics), Food Industry Research (Food Technology) (S) — leave of absence, without salary, February 1, 1950-February 1, 1951.

TURQUETTE, ATWELL R., Associate Professor, Philosophy — leave of absence, without salary, March 1-August 31, 1950.

WEBER, J. ARTHUR, First Assistant, Agricultural Engineering (S) — leave of absence, with salary, December 23, 1949-March 22, 1950, without salary, March 23, 1950 — until able to resume duties.

DEGREES CONFERRED FEBRUARY 12, 1950

Summary

Degrees in the Graduate College:		
Doctor of Philosophy	39	
Doctor of Education	4	
Master of Education	5	
Master of Social Work	1	
Master of Arts	57	
Master of Science	203	
Master of Fine Arts	5	
Master of Music	2	
Total, Graduate College	316	
Degrees in Law:		
Bachelor of Science	11	
Bachelor of Laws	47	
Doctor of Law	5	
Total, Law	63	
Baccalaureate Degrees:		
Bachelor of Science, College of Agriculture	131	
Bachelor of Science, College of Engineering	294	
Bachelor of Arts, College of Liberal Arts and Sciences	125	
Bachelor of Science, College of Liberal Arts and Sciences	123	
Bachelor of Science, Library School	2	
Bachelor of Science, College of Education	34	
Bachelor of Science, College of Commerce and Business Administration	268	
Bachelor of Science, School of Journalism	55	
Bachelor of Science, College of Fine and Applied Arts	68	
Bachelor of Fine Arts, College of Fine and Applied Arts	17	
Bachelor of Music, College of Fine and Applied Arts	2	
Bachelor of Science, School of Physical Education	35	
Bachelor of Science, Division of Special Services for War Veterans	244	
Total, Baccalaureate Degrees	1,398	
Total, Degrees Conferred		1,777

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Animal Nutrition

ZOE ESTELLE ANDERSON, B.S., Lewis Institute, 1939; M.S., 1947

In Animal Science

IRWIN ALLEN DYER, B.S., M.S., University of Georgia, 1946, 1947
JAMES ARNOLD GREEN, A.B., 1941

In Bacteriology

JUDD RICE WILKINS, B.S., M.S., 1943, 1947

In Chemical Engineering

GEORGE FRANCIS ASSELIN, B.S., M.S., 1943, 1947
EDWARD BONFOY GILLER, B.S., M.S., 1940, 1948
HOWARD LEE GRIMMETT, B.S., University of Michigan, 1944; M.S., 1948
HYMAN NATHAN STONE, B.S., University of New Hampshire, 1943; M.S., 1947

In Chemistry

WALTER DANIEL CELMER, B.S., Bucknell University, 1947
JAMES NEWTON COKER, B.S., Birmingham-Southern College, 1943; M.S., 1947
THEODORE HENRY DEXTER, B.S., M.S., Tulane University, 1944, 1947

BRUCE EMERSON ENGLUND, A.B., Carleton College, 1947; M.S., 1948
PAUL MILLER MADER, B.S., California Institute of Technology, 1942
RICHARD WILLIAM MEIKLE, B.S., Illinois Wesleyan University, 1943; M.S., 1947
ANANT SHANTARAM NAGARKATTI, B.S., Royal Institute of Science, 1942; M.S., 1948
EDWARD IRVIN ONSTOTT, B.S., M.S., 1944, 1948
GEORGE IRELAND POOS, B.S., George Washington University, 1947
ROBERT DELAFIELD RANDS, JR., B.S., University of Maryland, 1942

In Civil Engineering

KUANG-HAN CHU, B.S., National Central University, 1942; M.S., 1947

In Electrical Engineering

CLARENCE EDWARD BERGMAN, B.S., University of Oklahoma, 1947; M.S., 1948

In English

LOIS TEAL HARTLEY, A.B., Waynesburg College, 1944; A.M., Pennsylvania State College, 1945
EFFIE NEVA HUNT, A.B., MacMurray College for Women, 1944; A.M., 1945
CHARLES IVEY PATTERSON, JR., A.B., A.M., Emory University, 1934, 1940

In Entomology

CLIFFORD CREIGHTON ROAN, B.S., M.S., 1947

In Geology

MILTON WILLIAM PULLEN, JR., A.B., Colgate University, 1938; M.S., Syracuse University, 1940

In History

ROBERT ALBERT SMITH, B.Ed., Southern Illinois University, 1941; A.M., 1947

In Mathematics

WILLIE BUELL EVANS, B.S., Mississippi Southern College, 1939; M.S., Louisiana State University, 1941; M.S., Massachusetts Institute of Technology, 1944

In Physics

EVERETT GLADDING FULLER, A.B., Amherst College, 1942; A.M., 1947
GORDON LAMAR GRIFFITH, B.S., Kansas State College, 1943
JOHN WILLIAM MIHELICH, A.B., Colorado College, 1942; M.S., 1947

In Plant Pathology

ROBERT GEORGE EMGE, B.S., 1946

In Political Science

MALCOLM B. PARSONS, A.B., A.M., University of Arizona, 1946, 1947
GILBERT YALE STEINER, A.B., Columbia University, 1945

In Psychology

ALBERT WILLIAM HEYER, JR., A.B., University of Colorado, 1942; A.M., 1947
ROBERT GRIFFIN SMITH, JR., A.B., A.M., University of Florida, 1942, 1947

In Sanitary Engineering

HASSAN FARID AHMED ZAGHLOUL, B.S., Fouad First University, 1940; M.S., 1947

In Spanish

SPENCER LEROY MURPHY, JR., A.B., A.M., University of Mississippi, 1927, 1933

In Theoretical and Applied Mechanics

TIE PAO TUNG, B.S., Chiao Tung University, 1939; M.S., Purdue University, 1947

In Zoology

STEWART CLAUDE SCHELL, B.S., Kansas State College, 1939; M.S., North Carolina State College, 1941

Degree of Doctor of Education

CHARLES MOORE ALLEN, B.S., B.S., M.S., 1923, 1923, 1936
GEORGE ORVILLE JOHNSON, B.S., Milwaukee State Teachers College, 1938; Ed.M., 1949
MARSHALL JEWELL SCOTT, B.S., 1932; A.M., Washington University, 1938
BONARD SCOTT WILSON, B.S., A.M., Ed.M., 1940, 1946, 1947

Professional Degrees

Degree of Master of Education

ZOLO GEORGE BARNETT, B.S., A.M., 1947, 1948
DORA ELIZABETH DAMRIN, B.S., Ohio State University, 1939; A.M., Ohio Wesleyan University, 1943
GEORGE WILLIAM DENEMARK, A.B., A.M., University of Chicago, 1943, 1947
JACK LYLE LANDES, B.S., B.S., A.B., Central Missouri State Teachers College, 1933, 1933, 1934
EUGENE LADISLAU STEVENS, B.S., Milwaukee State Teachers College, 1940; M.S., University of Wisconsin, 1941

Degree of Master of Social Work

RACHEL CUPPY, A.B., James Millikin University, 1945

Degree of Master of Arts

In Accountancy

WESLEY WARREN BROWN, A.B., University of Washington, 1948

In Economics

GERALD WATERS PECK, A.B., 1937
H. ROBERT POWELL, A.B., 1949

In Education

FRANCES MAE BARKLEY, A.B., 1941
INDIALEE FRANCES BRANCH, A.B., Stowe Teachers College, 1942
JULIETTE ADELE CODERRE, B.S., 1945
JOHN CLIFT DEEM, B.Ed., Illinois State Normal University, 1925; A.M., University of Missouri, 1939
JANE MERRILL FOOTE, B.S., Russell Sage College, 1945
LLOYD STANLEY HENSON, B.Ed., Eastern Illinois State College, 1943
KATHARINE ELEANOR PARRISH HENWOOD, A.B., University of Pittsburgh, 1936
ALLEN BALLOU HIGGINS, Ph.B., Illinois Wesleyan University, 1948
MAXINE LEITER, B.S., Bradley University, 1947
DORIS ETHEL LONG, A.B., Stowe Teachers College, 1947
LESTER HENRY MILLER, JR., B.S., 1948
ALVIN HENRY NOBLE, B.S., 1949
MITCHELL JOSEPH O'BANNON, A.B., 1949
DONALD AUSTIN OHMART, B.Ed., Illinois State Normal University, 1938
FRANCES BILLUPS MILLER PEARSON, A.B., Fisk University, 1942
GEORGE NEWCOMER SHELLY, A.B., Beloit College, 1939
MILDRED JANE SIMMONS, A.B., Fisk University, 1945
CHARLES WALTER SOUTHARD, A.B., Shurtleff College, 1949
WALTER EWELL STEPHENS, A.B., 1942; B.D., University of Chicago, 1948
MICHAEL PETER VERTICCHIO, A.B., Illinois College, 1939
CHARLES FRANKLIN WAXLER, A.B., 1949
JENNIE ELLA YOUNG, B.S., Bradley University, 1943

In English

MARJORIE FULTON ELSE, A.B., Ohio Wesleyan University, 1945
EVELYN KATHERINE MILCEZNY, A.B., 1946

In German

BETTY ROSE HUBKA, A.B., University of Nebraska, 1947

In History

HENRY CHARLES BOREN, A.B., Southwestern Missouri State College, 1949
WILLIAM MAURICE GLICKMAN, B.S., 1949
SYLVIA G. KATZ, A.B., Brooklyn College, 1947
JAMES EDWARD SHERIDAN, B.S., 1949

In Labor and Industrial Relations

OMER FLORIAN GLOTZBACH, B.S., Rockhurst College, 1949
NORMAN SELTZER, B.S., College of the City of New York, 1948

In Mathematics

CHARLES LEWIS KELLER, JR., B.S., University of Dayton, 1948
DAVID ARTHUR PAGE, B.S., Purdue University, 1947

In Physics

GEORGE ROLAND BRIGGS, A.B., Cornell University, 1947
ROBERT VINCENT PEIRCE, A.B., Miami University, 1947

In Political Science

SZU-CHU CHEN, A.B., National Central University, 1944
TSU-SIU CHENG, A.B., Fresno State College, 1949
JOAN HARVARD GROUT, A.B., 1948
JOSEPH GUIDO LA PALOMBARA, A.B., 1947
MELVIN POTTER STRAUS, B.S., 1949

In Psychology

BEATRICE EUNICE JOHNSON, B.S., Purdue University, 1947
LEONARD WILLIAM STAUGAS, B.S., 1947

In Sociology

SHU-SHAN HUANG, A.B., National Central University, 1945

In Spanish

EMMA LOU BROWNING, A.B., 1948
RUTH FLORENCE GODWIN, A.B., DePauw University, 1945
ALISON MILLAR SYMON, B.S., 1947

In Speech

EMANUEL HENRY LAZERSON, B.S., 1949
ROBERT GEORGE LEAKE, A.B., James Millikin University, 1948
WILLIAM JOHN PURCELL, B.S., 1948
GEORGE POLLOM SCHARF, A.B., Wabash College, 1947

In the Teaching of English

JOHN KENNETH BUSHMAN, A.B., St. Viator College, 1933
ROBERT LOWELL STEVENS, A.B., Arizona State College, 1943

In the Teaching of Social Studies

PETER PAUL RIZZO, A.B., 1949
WILLIAM OAKENWALD WEBB, B.S., Northern Illinois State Teachers College, 1949

Degree of Master of Science

In Accountancy

WEN-CHAO HSIEH, B.Com., National Chungking University, 1941
KWANG-CHI SIH, B.S., Chiao Tung University, 1946
CHARLES YUNG CHANG TSE, A.B., St. John's University, 1949

In Aeronautical Engineering

PREM NARAIN MATHUR, B.S., M.S., University of Delhi, 1944, 1946

In Agricultural Economics

PAUL LEONARD FARRIS, B.S., Purdue University, 1949
ALFRED GLEN HARMS, B.S., 1949
TSE-MING HWANG, B.Econ., Waseda University (Japan), 1941
RICHARD CHIEN-WEN KAO, B.S., 1949
WILBERT NEEDHAM STEVENSON, B.S., 1942

In Agronomy

SYED MANAZIR ALAM, B.S., Bihar Agricultural College, 1948
RICHARD EUGENE BOWLING, B.S., 1949
JOSE GOMES DASILVA, B.S., University of São Paulo, 1948
PAUL CLARENCE DOTY, B.S., 1948
ISAAC RAMROOP, D.T.C.T.A., Imperial College, 1942
RICHARD HENRY RUST, B.S., 1947
JOHN ROBERT STUBBLEFIELD, B.S., 1948

In Animal Nutrition

RICHARD CARL WAHLSTROM, B.S., University of Nebraska, 1948

In Animal Science

ROBERT OLAF NESHEIM, B.S., 1943

In Architectural Engineering

GEORGE MCFARLAND HODGE, JR., B.S., 1949

In Architecture

HAROLD WARREN KEMP, B.S., 1949
ALEXANDER KOUZMANOFF, B.S., 1940
ARTHUR LILIEN, B.S., Pennsylvania State College, 1948

In Bacteriology

YORK EDWARD CRAWFORD, B.S., Bradley University, 1948
COURTLAND CARRIER GALEENER, B.S., 1947
DONALD OLIVER HITZMAN, A.B., Carleton College, 1948
THOMAS WALTER JOHNSON, B.S., Howard University, 1948
ELIZABETH JEANE REEVES, B.S., 1942
GEORGE WILLIAM SCHUKNECHT, B.S., 1949
MORRIS SEIDENBERG, B.S., Rutgers University, 1948
TETSUO SHIOTA, B.S., Roosevelt College, 1948
NATHAN L. SHIPKOWITZ, B.S., 1949
BERNICE OZERAN WEISS, B.S., 1949

In Botany

RICHARD CLAUDE HECKER, B.S., 1947

In Ceramic Engineering

WILLIAM JOSEPH PLANKENHORN, B.S., 1931
CHIH-WEN YING, B.E., National University of Yunnan, 1942; M.S., Missouri School of Mines and Metallurgy, 1948

In Chemical Engineering

CLARKE LINCOLN COLDREN, B.S., Pennsylvania State College, 1948
ROBERT BEVERLEY FEILD, B.Ch.E., University of Virginia, 1948
HAROLD BARNARD WHITFIELD, JR., B.S., Pennsylvania State College, 1948

In Chemistry

ROBERT CHARLES ANDERSON, B.S., Monmouth College, 1948
DONALD MUZZY BEESON, B.S., Kansas State College, 1948
JOHN FIGUERAS, JR., B.S., University of Rochester, 1949
JANICE MAE LEDINGHAM, A.B., University of Minnesota, 1948
WILLIAM FARRAND JOHN LORANGER, A.B., Denison University, 1947
HYMAN MACKLER, A.B., 1949
GUS PETER MANOFF, B.S., James Millikin University, 1948
EDWARD RONWIN, B.S., College of the City of New York, 1949
MARY ANGELINE SCHERI, B.S., 1948
ARTHUR EDWIN TAYLOR, A.B., A.M., University of British Columbia, 1944, 1946
ROBERT FLOYD VANCE, B.S., Otterbein College, 1949
CHONG-CHUIN WANG, B.S., University of Nanking, 1933
WILLIAM WARREN WEST, A.B., Knox College, 1943; M.S., DePaul University, 1948
MYRA WINFIELD, B.S., University of Texas, 1948
SZE-KWEI MIN YING, B.S., National Southwest Associated University, 1942; M.S., University of Missouri, 1948
JOSEPH VOIGT YOUNG, JR., B.S., Kent State University, 1948

In Civil Engineering

NECATI AKCAGLILAR, B.S., 1948
MEHMET MUVAHIT ATAMER, B.S., 1949
CHARLES THOMAS BAGLEY, B.S., University of Tennessee, 1938
BRAHM SWARUP BHALLA, Honours Diploma in C.E., Thomeson College, 1941
NORMAN COOPER EMERICK, B.S., 1949
JEAN MARSHALL KENEIPP, B.S., 1949
CHIN LEE, B.S., National Central University, 1947
FAH-YEH LIU, B.S., National Sun-yat-sen University, 1941
LOWELL WILLIAM MARKERT, B.S., 1949
CHEW-CHAO NG(WU), B.S., Hangchow University, 1942; M.S., University of Michigan, 1948
SOMPORN PUNYAGUPTA, B.S., 1949
FREDERICK WILLIAM SCHUTZ, JR., B.C.E., Alabama Polytechnic Institute, 1947
ANESTIS VELETSOS, B.S., Robert College, 1948
GEORGE ALLEN YOUNG, B.S., 1942

In Clinical Psychology

VERTUS EDWIN BIXENSTINE, A.B., 1948
CLAUDE SCOTT MOSS, B.S., University of Wisconsin, 1948
LEON SOFFER, B.S., College of the City of New York, 1948
GEORGE STREISFIELD, B.S., 1948
HERBERT WEINSTEIN, B.S.S., College of the City of New York, 1947
MIRIAM BELLE WITTELLE, A.B., Miami University, 1947

In Economics

VIRGINIA ELEANOR CASEBIER, B.S., 1947
CHARLES MONROE WHITMORE, JR., B.S., 1948

In Education

CLIFFORD M. AMES, B.Ed., Western Illinois State College, 1926
ROBERT EMIL ANDERLIK, B.S., 1948
LORETTA LOUISE BOUCHEZ, B.S., 1946
CHARLES ELTON BURLESON, B.S., Mississippi Southern College, 1939
JAMES MARION CASPER, B.Ed., Southern Illinois University, 1940
PASQUALE ANTHONY CIVITELLO, B.S., 1949

WARREN FREDERICK CLASSON, B.S., Northern Illinois State Teachers College, 1944
COSMO AUGUST COSENTINO, B.S., 1947
CHARLES FRANKLIN CRITES, B.Ed., Eastern Illinois State College, 1941
H. FRANK EBBS, B.Ed., Southern Illinois University, 1935
BENJAMIN WALDO FANN, B.S., North Central College, 1947
LENA LYON GOODWIN, B.S., Western Kentucky State Teachers College, 1942
ELDEN RALPH HITCHENS, B.Ed., Illinois State Normal University, 1939
GEORGE KENNETH ISAACS, B.S., 1949
MARGUERITA CHISM JOHNSON, A.B., Indiana University, 1934
DONALD EDWARD JONES, B.S., Eastern Illinois State College, 1947
ALBERT JOHN LUNDBERG, B.S., 1940
VIVIAN VIRGINIA SMELSER MASTERS, B.Ed., Western Illinois State College, 1939
BERNARD MEHL, B.S., 1949
THELMA JEAN MELOHN, B.S., 1947
RICHARD CARLOS PEPPLE, B.Ed., Southern Illinois University, 1941
IRENE ADELE PETZ, A.B., 1936
JOHN OSCAR PIER, B.Ed., Eastern Illinois State College, 1940
STANLEY CHARLES ROE, B.Ed., Northern Illinois State Teachers College, 1938
JOHN FREDERICK SANDWICK, B.S., 1949
DONALD WILSON SMITH, B.S., 1939
FLORA PHILLIPPA SMITH, B.S., 1947
JAMES FREDERICK SMITH, B.S., 1948
GEORGE ADAM SPRAU, B.Ed., Illinois State Normal University, 1939
ELLEN ALICE TERRY, B.S., 1943
GEORGE JOHN TORHAN, B.S., 1949
CHARLES EDWARD WAGNER, B.Ed., Southern Illinois University, 1942
LUCY BENJAMIN WEAVER, B.S., Southeast Missouri State Teachers College, 1934
ERMA BARNES WHITE, B.S., Illinois State Normal University, 1945
OGIE LEE WILKERSON, A.B., Stowe Teachers College, 1947
CLARENCE WYMAN, B.S., 1946

In Electrical Engineering

JOHN FRANCIS BEAU, B.E.E., Clarkson College of Technology, 1947
GEORGE LESLIE CLARK, B.S., 1948
SAMUEL FLORENZ COLEMAN, A.B., Brooklyn College, 1943; B.S., 1949
DANIEL JOSEPH DAUGHERTY, B.S., Bradley University, 1947; B.S., 1949
JOHN KLABOE ENGEN, B.S., North Dakota Agricultural College, 1949
ALAN HERBERT GREENE, B.E., Johns Hopkins University, 1948
MAX WOODROW HALL, B.S., United States Military Academy, 1941
ROBERT CLINTON HANSEN, B.S., Missouri School of Mines, 1949
DON FRANKLIN HOLSHOUSER, B.S., Kansas State College, 1942
JOHN ARTHUR MCDAVID, B.S., United States Military Academy, 1939
HERBERT ARNOLD ODLE, B.S., 1949
ALBERT GENE PEIFER, B.S., 1948
WILLIAM ALLAN REED, B.S., University of Manitoba, 1946
CLARENCE EMMETT SANDY, B.S., 1949
ROBERT CARVER SEARS, B.S., United States Military Academy, 1939
CHARLES WILLIAM STEELE, B.S., 1948
LYNN ELLSWORTH WOLAVER, B.S., 1949

In Entomology

EDWARD COULTON BECKER, B.S., University of Missouri, 1944
MILTON TUCKER BODMAN, B.S., 1949
HENRY ERIC FERNANDO, B.S., University of Ceylon, 1947
GEORGE EARL HUFF, B.S., Purdue University, 1948
JAMES GORDON STERNBURG, A.B., 1949

In Geology

HAYDN HERBERT MURRAY, B.S., 1948
ROBERT SIDNEY ROTH, A.B., Coe College, 1947
WILLIAM LAWTON VINEYARD, B.S., 1949

In Home Economics

ELWANDA JUNE DRENNAN, B.S., 1944
MARGARET ANNE REED, B.S., Drexel Institute of Technology, 1945

In Horticulture

WILLIS EARL MCCRAW, JR., B.S., Oklahoma Agricultural and Mechanical College, 1941

In Journalism

JAMES ROSS DOWLER, B.S., 1949
RICHARD LESLIE GIBBS, B.S., 1949

In Library Science

LILY CAROLINE BOSCHAN GARA, A.B., 1948
GEORGE NICHOLAS HARTJE, A.B., Washington University, 1947
DONALD AITCHESON REDMOND, B.S., Mount Allison University, 1942; B.L.S., McGill University, 1947
EMILY MARIA RICHARDS, B.S.(L.S.), University of Wisconsin, 1945
ROLAND FRANCIS SCOTT, B.S., 1943

In Management

KUO-SUI CHANG, B.S., Great China University, 1947

In Marketing

FLOYD WELDON BROWN, B.S., Western Illinois State College, 1948
NORMAN DUGARD FRENCH, B.S., 1948
DONALD WERNER SCOTTON, B.S., 1948
WILLIAM LEONAL WINNETT, B.S., Eastern Illinois State College, 1947

In Mathematics

CHARLES GLENN CARLYLE, B.S., 1949
MARJORIE BALDWIN DJORUP, B.S., Ursinus College, 1948
JOSEPH EDWARD FLANAGAN, B.S., 1949
MORTON GOLDMAN, B.S., Temple University, 1947
SOREN WERNER HENRIKSEN, B.S., Illinois Institute of Technology, 1949
WILLIAM CLARK RILEY, B.S., University of Notre Dame, 1949

In Mechanical Engineering

JOSEPH MILTON DAVID, B.S., 1949
ADOLPH JOHN GAWIN, B.S., Northwestern University, 1947
WARREN GILBERT KLEBAN, B.S., Mississippi State College, 1948
IRFAN MEHMET OZACAR, B.S., 1948
CARL LEO SONNENSCHEIN, B.S., 1948
WILBERT FREDERICK STOECKER, B.S., Missouri School of Mines and Metallurgy, 1948

In Metallurgical Engineering

HARRY CZYZEWSKI, B.S., 1941
HOLLIS PHILIP LEIGHLY, JR., B.S., 1948

In Music Education

EVERETT BARTLETT CRANE, B.Mus., B.S., Murray State Teachers College, 1936, 1937
DELVA POWELL DILLAWAY, B.Mus., University of Michigan, 1947

In Physical Education

JAMES ROBERT BLY, A.B., Oberlin College, 1947
WILLIAM ALBERT FORR, B.S., Temple University, 1948
ROBERT MARTIN OLIVER, B.S., Illinois Wesleyan University, 1939
HANS ERIC RASMUSSEN, B.S., Illinois Wesleyan University, 1938

In Physics

WILLIAM AARON BEYER, B.S., Pennsylvania State College, 1948
ROBERT WAYNE CORWIN, B.S., 1949
ROBERT BEACHAM DILLAWAY, B.S., B.S., University of Michigan, 1945, 1945
ROBERT LLOYD DOAN, B.S., Indiana University, 1947
THOMAS BLANEY ELFE, JR., B.S., Georgia School of Technology, 1948
VAN OLIN NICOLAI, B.S., 1948
ROBERT GEORGE POHL, A.B., 1948
FRANK SAMUEL REPLOGLE, JR., B.S., Wheaton College, 1946
ALFRED CHRISTIAN ROBINSON, B.S., Texas Technological College, 1948
DANIEL SCHIFF, B.S., Ohio State University, 1948

In Physiology

THOMAS CARL BUNTING, A.B., 1948
JULIUS PRAGLIN, A.B., Clark University, 1948
MORTON BENJAMIN WAITZMAN, B.S., University of Miami, 1948

In Speech Correction

ANITA SNYDOVER BIXENSTINE, A.B., Brooklyn College, 1948
CAROL IRENE ROACH, A.B., MacMurray College for Women, 1948

In the Teaching of Biology

PATRICIA GAYNOR STAFFORD, B.S., 1947
HARRY WAYNE TROOP, B.S., Northern Illinois State Teachers College, 1946

In the Teaching of Mathematics

EMMA JOHNSON, A.B., 1949
CONRAD MILTON LEVIN, A.B., 1949

In Theoretical and Applied Mechanics

WEN-YEN CHOU, B.S., La Universitato Utopia, 1946; M.S., University of Texas, 1949
J. EDWARD LAUBER, B.S., 1948

In Vocational Agriculture

DONALD WALTER MEINHOLD, B.S., Illinois State Normal University, 1946

In Zoology

BERT BELL BABERO, B.S., 1949
WOODROW WILSON FLEMING, B.S., Hanover College, 1936
NEWTON KHOOBYARIAN, A.B., Lafayette College, 1948
AARON KURLAND, A.B., Indiana University, 1948
WILLIAM CHARLES MARQUARDT, JR., B.S., Northwestern University, 1948
CARLTON EARL MELTON, JR., B.S., North Texas State Teachers College, 1948
FRANK EDWARD MILLER, B.S., James Millikin University, 1947
QUENTIN HARVEY PICKERING, B.S., 1948
THADDEUS STANISLAUS JOSEPH PIERZYNSKI, JR., A.B., 1948

Degree of Master of Fine Arts

In Art Education

JODA LOUISE MCGAUGHEY, A.B., James Millikin University, 1941
JAMES BARTON WALLACE, B.F.A., 1940, 1946

In Painting

TOM RICHARD CAVANAUGH, B.F.A., 1947
ELIZABETH ETHEL KEERAN, B.F.A., 1946
MARK ANDERSON SPRAGUE, A.B., 1946

Degree of Master of Music

JOAN HOLLYNE BENSON, A.B., Pomona College, 1946
JOANNA STERN LANGE, B.Mus., 1948

COLLEGE OF LAW

Degree of Bachelor of Science

In Law

JOHN BENARD CRAIN
WALTER WILLIAM FINKE, JR.
GENE ARTHUR GROPPI
MICHAEL MICHAELSON GROZIAK
WILLIAM GEORGE KILLIAN
DALE WILLIAM MARKWALDER
MERLE MATTENSON
ALLEN ELSWORTH OVERAKER
JACK RANDALL
MARION GIDCUMB ROBERTSON
JOSEPH REED SPITZ

Degree of Bachelor of Laws

JAMES K. ALLEN, B.S., 1948
MERVIN LEON BEIL, B.S., 1949
PAUL CURTIS CATION, B.S., 1948
JOHN THOMAS COBURN, B.S., 1948
JOSEPH FRANCIS COFFMAN, A.B., 1947
ROBERT EMMETT DAVLIN, B.S., 1949
ROBERT GREGORY DENEEN, B.S., 1949
ERNEST RICHARD FRALEY, B.S., 1949
CHESTER PHILIP GUZIEL, B.S., 1948
HOMER BLINN HARRIS, JR., A.B., University of Michigan, 1947
FRANKLIN MACVEAGH HARTZELL, B.S., 1948
ELDON EUGENE HAZLET, B.S., 1948
JACK EUGENE HERINGTON
LOUIS GEORGE HORMAN, B.S., 1948
ALAN CLIFFORD HULTMAN, B.S., 1949
CHARLES EDWIN JONES, B.S., 1948
ROBERT STEPHEN KIRBY, B.S., 1948
IRVIN KLUKOS
EUGENE STANLEY KWASNIEWSKI, B.S., 1948
EDWARD FRANCIS LEKAN, B.S., Northwestern University, 1947
VICTOR WILLIAM LELLO, A.B., 1948
LAURENCE HENRY LENZ, B.S., 1948
SAUL EMMANUEL LIPNICK, A.B., 1948
WILLIAM THOMAS MAKOVIC, B.S., Bradley University, 1947
JOHN ARTHUR MCNAMARA, B.S., 1947
EDWIN JACK MENDEL, B.S., 1948
HOLLIS FRANK MIDDLETON, A.B., 1948
JOHN GREGORY MUDGE, B.S., 1949
WILLARD CAIL PEARCE, B.S., 1948
CHARLES WINFIELD PHILLIPS, B.S., 1940
DALE GARMAN POGUE
THOMAS HUGH RAMSEY, A.B., Lake Forest College, 1946
JOHN DONALD RENNICK, B.S., 1948
VILAS CLIFFORD RICE, B.S., 1941
JOSEPH CHARLES SALADINO, B.S., 1947
JOHN CLINTON SCHUETT, B.S., 1947
CARL WALTER SCHULTZ
WALTER JOSEPH SEBO, B.S., 1948
JAMES WHITNEY SHELDEN

SIDNEY SOSIN, B.S., 1949
RICHARD WAYNE STERLING, B.S., 1948
JOHN MARTIN TELLEEN, A.B., Augustana College, 1947
PAYSOFF TINKOFF, JR., B.S., 1948
WILLIAM LEROY TURNER, A.B., 1948
DONALD FRANCIS VONACHEN, B.S., 1948
ROBERT WILLIAM WHITMER, B.S., 1947
ROBERT PATRICK WILEY

Degree of Doctor of Law

HILMER CHARLES LANDHOLT, B.S., 1947
WILLIAM DEVINE RANDOLPH, B.S., 1948; with Honors
FRED WILLIAM REITHER, B.S., 1948
HOWARD SHERMAN, A.B., 1948; with Honors
WILLIAM DAVID WARREN, A.B., 1948; with Honors

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

ROBERT EARL ALEXANDER, with Highest Honors
LAWRENCE ALBERT ALLES
CARL ANDREW ANDERSON, with Highest Honors
DONALD EUGENE ANDERSON
EARL VALDEAN ANTRIM
CHARLES EDWIN AUSTIN, with High Honors
MARLIN JOHN BAER
CHARLES LLOYD BEATTY, JR.
ROBERT DEAN BIGHAM
JOHN EDWARD BISHOP
NEIL FRANCIS BOGNER
JAMES BOND
JOHN BULLINGTON
JOHN HERMAN CHRIST, with Honors
CHARLES PATRICK CHRISTEN
LEWIS RAY COFFEY, with Honors
WILLIAM STAFFORD COFOID
MARION WILLIAM COMBS
JAMES GILBERT COUSINS
CECIL PAUL DAVIS
FRANCIS GORDON DENISON, with Honors
HARVEY JUNIOR DOLL, with Honors
ROBERT GARLAND DOWNEY, with Honors
GLENN ROBERT EDWARDS
ROY REX EMORY
JOE FAGGETTI
CHARLES WILLIAM FEDERMAN
WILLIAM HERSCHEL FICKEL
LEE GENE GAMAGE
DALLAS EUGENE GIPE, with Honors
MERLE EUGENE GLESSNER
JAMES LARKIN GOLBY, with Highest Honors
ELROY EDWIN GOLDEN, with Highest Honors
KENNETH DEAN GOODRICH
VERGIL VERNON GREGG
H. C. HENDREN, JR., with Honors
ALBERT DEAN HERRIOTT, with High Honors
JAMES WINDLE HISER
WILLIAM EZEKIEL HUBER
ETHAN VERN HUFFINGTON, with Honors
ROBERT THOMAS HULTS
AUSTIN ELWOOD IDLEMAN, with Honors
ROBERT CARL IFTNER, with Honors
RUSSELL LEE JECKEL
PAUL WILLIAM JOHNSON
WILLIAM HENRY KELLOGG
TED LINN KENDRICK, with Honors
DONALD MERLE KINCAID, with Honors
JACK WINFRED KIRBY
ROBERT LESLIE KIRKPATRICK
GORDON NUMMER KNOWLES
CAROLYN MAY KREILING
MAURICE LEE LAND
ROBERT ERNEST LENZ, with Honors
DANA MENDEL LEWIS, JR., with Honors
HUGH EDWARD LIVESAY
JOHN HARWOOD LONGWELL, JR., with Highest Honors
ROBERT EUGENE MASDEN
ROBERT J. MILLS
RONALD GENE MITCHELL
DONALD EUGENE MOORE
VAL BENSON MOORE
WILLIAM PAUL MORRISON
DERRELD LESLEY MULVANEY
LYLE EDWARD ONCKEN
WILLIAM ROBERT OSCHWALD, with High Honors
PAUL CHARLES OSTBY
MARVIN GLENN PARSONS
GEORGE MEYERS PHILLIPS
STURE BROR PIERSON
HAROLD LEE POWERS

PETER ELWOOD PRATT
DONALD PRETZSCH, with Highest Honors
ARTHUR WAYNE ROSENBERGER
MARTIN ALBIN ROSINSKI, with High Honors
CHARLES MARVIN SCHAEVE, with Highest Honors
DAVID WOLF SCHREIBER
WILLIAM WENDELL SCHROEDER
WAYNE EVERETT SHAFFER
HOWARD DALE SHECKLER, with Honors
EVERETT GENE SHISSLER
NEWTON HICKMAN SHORT
CLARENCE EUGENE SIMPSON
JAMES OLIVER SMITH
JOHN DOUGLAS SURGEON
CURTIS EUGENE TAYLOR
ROBERT JAMES THOMPSON
CALVIN GLENN THRELKELD
MAURICE MARTIN UMBDENSTOCK
GRACE EDITH VAN WINKLE
VENUS LAVERN VAUGHN
MARVIN LODELL VINEYARD, with Honors
PHILLIP HOWARD WATT
ROBERT HENRY WELTY
MALCOLM MONTEITH WHIPPLE
HOWARD OWEN WHITE
JAMES LEWIS WILDT
JESSE HERBERT WINDLOW, JR.

In Dairy Technology

WILBUR EARL BOLTON
JAMES ANTON BROTSOS, with Honors
DONALD EDGAR MILLER, with Honors
HOWARD WINANS VARNEY

In Floriculture

WARREN JOE ASA, with High Honors
EDWARD CARL HARTHUN
ROY WILBUR HEMPEL
ROBERT JOHN SOUTH, with Honors
RICHARD ARTHUR TOMCZYK

In Home Economics

BETTY JEAN BRADEN
HELEN LENORE CARRELL
JOHANNA STANCZYK EATON, with Honors
MARGARET JEANNE HORGEN
MARILYN JEROME
PAULINE ANN LOGSDON
MILLICENT LEOTA PETTY
MARTHA JOSEPHINE SPERRY
SOPHIE KATHERINE ZIOBRO

In Home Economics Education

NELL JEAN CASEBIER
MARY KATHERINE STRICKFADEN, with Highest Honors
MILDRED MARTHA WALL

In Vocational Agriculture

GEORGE ADNEY HAMILTON
DONALD LAVERNE KAUFMAN, with High Honors
BILL OLIVER LAYTON
WILLIAM ERNEST MADDOX
CARL JAMES MCCAUSLAND, with Honors
ROY BRUCE MOWERY
RAYMOND PATRICK SHINN, JR.
BURELL WILLIAM SHULL, with High Honors
JAMES PHILIP STANSFIELD
HOWARD LESTER THOMPSON
EARL ANTHONY TRAVER
RAYMOND EDWIN WILKEN, with Honors

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

JOE FRANCIS BANCHE, with Honors
JAMES WELDON BETHARDS
EDWARD JOSEPH CENEK
CHESTER STANLEY CZYRYK
CHARLES RAY ESTES
LOUIS MAX FORMAN
RAY HARRY FUNKHOUSER, with Honors
GLENN LAVERN GUSTAFSON
ROGER EUGENE GUSTAFSON
JAMES PATRICK HENNEBERRY
ROBERT CLEMENS KELLEY
DANIEL JAMES MACK
VINCENT GUY MAGORIEN
DONALD LEE MARLIN
ROBERT WILLIAM REMKE
JASPER GLEN SHANHOLTZER
ERNEST BENJAMIN WOLANSKY, with Honors
HELEN KAVA ZABINSKY

In Agricultural Engineering

JAMES BURTON ANDREWS, JR.
NEIL FRANCIS BOGNER
WILLIAM JASON FLETCHER
HECTOR GORDON MCALLISTER
ALIMOHAMED ABDULKARIM MEMON
LYTLE GENE MILLER, with Honors
WILLIAM JOHNSON RANDOLPH
CHARLES DRAGAN SUSMAN, with High Honors

In Ceramic Engineering

CLIFTON GEORGE BERGERON
ROY EDWARD BICKELHAUPT
JOHN EDWARD COX, with Honors
JACK CHARLES DAVIS
SAM MARTIN DEAL
JAMES ROBERT DIXON
DELMAR ALDEN JOHNSON
RAYMOND WAYNE NOEL
JOHN JOSEPH PETKUS
HOWARD CHARLES RAPP
ALVIN LLOYD ROGATZ
STEPHEN DAVIDSON STODDARD

In Civil Engineering

DON ROBERT ANDERSON
ARTHUR CRESPO ANDREWS, JR.
WAYNE FRANKLIN BARNEY, JR.
HERBERT WILLIAM BEKERMEIER, JR.
JOHN FREDERICK BLUMENSCHEIN
DAVID WARREN CARNEGIE
PAUL WILLIAM CLINEBELL
LEO ARTHUR CORBY
ROBERT DONALD CURRIE
ROBERT GORDON CURRIE
JACKSON DECKER
WILLIAM RICHARD DONAHUE
EDWIN WILLIAM FAIRWEATHER, JR.
NORBERT EDWIN FLACHS
CLIFFORD CARL GIVENROD
JOHN DELBERT GOODELL, with Honors
KENNETH HAROLD HANKINS
JOHN ALAN HANZEL
ROY WILLIAM HAUGE
CLYDE WALTER HERMAN
ELLIS CAMPBELL HUTCHESON, JR.
DANIEL JACOBS
ALLEN JOSEPH KANAK, with Honors
KENNETH RUSSELL LESTER
HENRY MAREK
JOSEPH MAREK
KRIST MARTIN MATHISEN
GREGOR MATOESIAN
ALEXANDER CARTER MCLEAN
CARLOS IVO DA COSTA MENDES
HOWARD ELMER MOREY, JR., with Honors
WILLIAM JOHN MOTTERSHAW, with Honors
FERDINAND WILLIAM MULLER
ANTHONY JOHN NOTO
WILFORD EUGENE NOVOTNY, with High Honors
ROBERT HAROLD RENWICK
KENNETH CLYDE RUMP
WILLIAM BALTHIS SANDS
ROGER LOUIS SCHIERHORN
JOHN WILLIAM SCHNAKE, with High Honors
JOHN RICHARD SINGER, with Honors
DANIEL WILLIAM SNYDER, with High Honors
OLIVER PERRY STEWART
DANIEL SVOBODA
WILLIAM TATE SWOFFORD
WILBUR TUGGLE
VICTOR VINCENT VERDICO
HOWARD LAWRENCE WALLIN
GEORGE DONALD WEAR
WILLIAM GROVER WEBER
ROBERT ARTHUR WEISS
JACOB OSCAR WHITLOCK, with Honors
GEORGE PRESTON WRIGHT, JR.

In Electrical Engineering

ROBERT EDWARD AHLGREN
ARTHUR WILLIAM ALBERG
MARVIN CHARLES ANDERSON, with Honors
DOMINIC ANGELO ARMETTA
JOSEPH EUGENE FINIS BAGGETT
WILLIAM RICHARD BIRKEY
CARL EUGENE BOTTERBUSCH
ROBERT GLENN BRADFORD
MARTIN FREDERICK BRETZ
ROBERT EDWARD CARLSON
WILLIAM FRANKLIN CHAPMAN
CHRIS HOMER CHICKRIS
ROBERT CHRISTIANSEN
GEORGE WILLIAM CLAY, JR.
GERALD COHEN
CHARLES WILLIAM CRAIG
BERNARD EDWARD DAVID
STANLEY MARVIN DENN
ROBERT WESLEY DONALDSON
RICHARD WILLIAM DRONSUTH
IRVING GERALD EPSTEIN
GERALD WILLIAM FARNSWORTH
STANLEY FELDMAN
DAVID EMMETT FORD, JR.
DWIGHT JENNINGS GARRISON

MORRIS WILLIAM GOOCH
JAMES LEROY GREEN
JACK HENRY GUSMAN
WAYNE LOUIS HALL
MARTIN ARMAS HALTTUNEN
STEVEN LANE HALVERSON
JAMES ROGERS HARLAN
TRUMAN DALE HEFNER
JACK HEINS
ROBERT LAVERNE HERR
BILLY JUNIOR JONES
ROBERT EUGENE KENNEY
EDWARD ALLEN KITSCH
HOWARD WILBERT KNOEBEL, with Honors
KENNETH EUGENE LANDRETH
DEANE CLAUSON LEONARD
SEYMOUR LEVINE
ROYAL WAGNER LISCOM, with Honors
RICHARD LOUIS LUTHANS
DONALD MACMILLAN
SOL MANN, with Honors
BARRE MARDER
FRANCIS JOSEPH MCCLUHAN
JAMES WILLARD MCNABB
DONALD GORDON MORTON
MICHAEL MUSKO
OTTO MORTON NEDVED, with Honors
EDWARD KLEMENS OLENDZKI
JAMES WARREN PLATT
REGINALD ALEXANDER READ, JR.
ROBERT JOSEPH REYNOLDS
FAIN STANLEY ROBY
JOSEPH JOHN ROSENSKI
VIRGAL LEONARD SCHAD, JR., with High Honors
CALVIN SCHOEPPEL
ROBERT PAUL SCOTT, with Honors
JOE HOWARD SCRIVNER
WILFORD CALVIN SHURTLEFF, with Honors
JOHN RIDGWAY SOMMERS
ALEXANDER SONGAYLLO, JR.
JAMES EDWARD STEWART
JUDSON MORGAN TERRELL, JR.
MARVIN FRANK THOMPSON
JOHN PETER TOMCIK
FRANCIS FUN TONG
WING NOON TOY, with Honors
CHARLES RUFUS WESNER
ROBERT LOUIS WILBAT
LEO WILLIAMS, JR.
HAROLD HOLMES WILSON
ELDEN HENRY WITTE

In Engineering Physics

WILLIAM HENRY CHRISTOFFERS
ALVIN RUSSELL OLSON, with High Honors
PETER WARGO

In General Engineering

DAVID HAUCK BECHTOLD
HELMUT PAUL BERGMANN
FLOYD LESLIE BROWN
EMIL FRANZ CRAMER
LEO JOSEPH GERMAIN
EDWARD DONALD HARPER
THOMAS MILTON HECKLER
NORVIN PAUL KINDER
NICHOLAS THOMAS MAKRIS
ROBERT ELMER MOLLMAN, with Honors
WALTER JOHN OLIVER
MAURICE DEAN OTT
JOSEPH CARL PUGLIESE
DONALD HENRY RIMBEY
HARRY IRA WEISMAN
DONALD WARREN WHITE

In Mechanical Engineering

WILLIAM DAVID ALLEN
RICHARD LEE ARNICAR
HAROLD OSCAR BARTHEL, with High Honors
MILTON JOHN BARTOSEK
WILLIAM MURRAY BASSETT
ROLAND JOHN BENJAMIN, with High Honors
THEODORE BYRON BERNETT
FOREST EUGENE BLOCK
JAMES WINSTON BRILL
BERNARD JAY CALL
CARLO CESARONE
BENNY FRANK CHURILLO
JOHN JOSEPH CORRIGAN, JR.
DEAN CORSA
FRANCIS HAYDEN DICKINSON
WILBUR WALKER DODGE
JIMMY FOSTER EVERSOLE
JOSEPH LOUIS FATZ, with Honors
HENRY FUNCKES
MAJOR FREDERICK GATES, with Honors
PAUL JAMES GAWRUSIK, with Honors
ROBERT PAUL GAYNES
EVERETT RALPH GIBBS
GEORGE JOSEPH GRIGER
LEONARD EDWARD HANNO
ROBERT ERDMOND HEINRICH
WALLACE HOPPER
ROBERT JEROME HRDY
BOUBENE MICHAEL JAREMUS
WILLARD GORDON JARVIS
DONALD BOOTH JOHNSEN
JOHN GREWE JOHNSON, with High Honors
GEORGE BERNARD JOSTEN

WILLIAM ROBERT KERNER, JR.
HAROLD THOMAS KERNS
LESTER LEE KINTNER
JOHN GEORGE KIRIAKOS
HARVEY NORISADA KITAOKA
WALTER KLARIC
ANTHONY RUDOLPH KONECNY
KENNETH EDWARD KOZA
KENNETH WARD LAMPORT
JOHN PAUL LICHTER, JR.
CHARLES M. LUBECK
FRANK JEROME LUKAS
JOSEPH VINCENT MALEK
HORACE J. MAZE
JOSEPH LINCOLN MCCAFFREY
CALVIN LOWELL MERKLE
FRANK PETER MERKLE, JR.
PAUL CLARK MOONEY
JAMES CARROLL MURPHY
JOHN ISAAC NEWCOMER
GORDON L. NORDSTROM, with High Honors
ROBERT CHARLES O'DONOHUE
EDWARD FRANK PARZYGNAT
ROBERT STANLEY PETERSEN, with Honors
WARREN HOWARD PETERSON
WAYNE ALLEN ROBBINS
FRANK ANTHONY ROMANO
ARNE GUNNAR SANDBERG, with Honors
GEORGE WALTER SAWICKI
JOSEPH MARTIN SCHEURICH
RUSSELL ALLEN SCHUCKER
CHARLES BERNHARD SCHUDER
ROBERT EUGENE SCHWARTZ
FRANK JOSEPH SCIRE
ROBERT MORRIS SHOEMAKER
PAUL EUGENE SISTEK
HOMER LYNN SMITH
DONALD JOHN SOLAWETZ
EDWARD WILLIAM STAAB
GEORGE FREDERICK STEPHENSON
CLARENCE EDWARD STOCKS
EDGAR SYLVESTER STODDARD, JR.
WALTER ERNEST STUBBINGS
JACK VINCENT STUMPF
RICHARD NORMAN THOMSEN
RONALD LESTER WALDER
NORMAN EDWARD WANDKE
WILLIAM GILMORE WELCH
ROBERT BEECHER WENTWORTH, with Honors
HARLAN VERNON WHITE, with Honors
MELVIN ORA WILLIAMS, JR.
WILLIAM ALBERT WINTER
JAMES LESTER WOMER
EDWARD CHARLES WRIGHT
WILLIAM HENRY WROBLEWSKI

In Metallurgical Engineering

VERNON ELMER ANDERSON
JOHN HERBERT BEILE
RICHARD JOHN BRUGGEN, with Honors
DONALD RICHARD BURNETT
LAMAR ALTON DINGWELL
RAYMOND VICTOR FOSTINI, JR.
ROBERT BATHIRST GILLIAM, with Honors
EDGAR RUDOLPH HACK
ARLO GENE LUNDBERG, with Honors
CHARLES RUSSELL PETERSON
STUART LEE RICE

In Mining Engineering

RICHARD ALAN CAMPBELL
WILLIAM ROBERT HIPPARD, JR.
CHARLES KONSTANTIS JANKOUSKY
JERRY KARLOVSKY, JR.
FRANK JAMES PADAVIC
BENJAMIN ARTHUR TUDOR, JR.
ALFRED JACK WEBSTER
JAMES RAYMOND WILLETT

In Sanitary Engineering

JOHN EPHRIM PEARAH

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

JACK ADELMAN
MICHAEL ROBERT ALTENBERG
KATSUMI ARIMOTO
WILLIAM GUY ARMSTRONG
ROBERT HOWARD BAUER
BEVERLY JEAN BEAR
RONALD BERSON
MABEL STEWART BOLTON
WARREN SCOTT BONNELL
ROBERT EUGENE BREWER
THELMA BROOKS
ELLEN FRAZER BURCH
GLADYS EILEEN BURT
MARY ELLEN CARMICHAEL
BEVERLY JANE CHAMPOUX
CAROLYN CHESTER, with High Honors in Psychology
THOMAS WAI NAM CHUN, with High Honors in Economics
RAYMONA JANE COTTA

DUANE DOUGLAS DALES
SALLY DUTCHER DAY
ANTHONY JOSEPH DEL BOCCIO
BARBARA BERG DODDS
LEWIS JUDSON DUNN
NORMAN FELDMAN
HURLEEN BLANCHE FELTMAN
RICHARD GILLUM FERGUSON
MARILYN FIERMAN
LORETTA MARY FITZMAURICE
CARL OGDEN FREEDLUND, JR.
PATRICIA JOY FROSCH
ROBERT WALTER GERWING
LORRAINE HAZEL GOLDBERG, with Honors in Psychology
MARVIN GOLDSHER
HOMER EDWARD GOLDSTEIN
PHYLLIS LORANE GOODMAN
DOROTHY EILEEN GREATHOUSE
VINCENT WARDEN GRUBE
RAYMOND JOSEPH GULBIN
WILLIAM SPENCER HARDENBERGH, with Highest Honors in Political Science
MARTIN JAMES HEALY
BETTY JAYNE HECK
HARVEY VINCENT HESS
BETTY ROSENTHAL HOFFING
MARTHA MUNDY HOLLINGSED
DOROTHY LOUISE HORMELL
JAMES LAWRENCE HOWE
STEVE IVANCEVICH
CHARLOTTE MARIA JOHNSON, with Highest Honors in Economics
FRANCINE RAUTHBORD KAPLAN
SIMON KAY
DARLENE REINE KING
ELEANOR JEAN KITCH, with Honors in Sociology
DARRELL ELSWORTH KLINK
RICHARD EDMUND KRANZ
THERESE MARIE LAHEY
CHARLOTTE LANDAU, with Honors in Sociology
GLORIA JEANNE LAUTERBACH
RITA SUE LERNER
GEORGE YOHE LESHER
ELINOR ANNE LEVIN
STUART ZANGWIL' LISS
GEORGE RAPHAEL LOCKHART, JR.
RUDOLPH LAWRENCE MAGNANE
ROBERT LEE MCMANUS
JANE ANN MICHEL
RONALD LEWIS MITCHELL
JAMES OTTIS MOORE
CHARLES TOWNLEY MORRISON, JR.
BARBARA ZOE NAFT
ROBERT HERSHEL NIGHTLINGER
RAYMOND EARL O'NEILL, with Honors in English
RICHARD ALFRED PALEWICZ
EUGENE PETER PARNISARI
ARTHUR HAROLD PHILLIPS
ANTHONY SALEM RAIMONDI
PAUL GENE RANDOLPH, with Highest Honors in History
NAOMI RANSOM
MARJORIE ELLEN RASMUS
GENE MERRILL REILEY
BARBARA BLANCHE RENNER
JEANNE MIRIAM ROBERTSON
BARBARA ELAINE RUSSELL, with Honors in Political Science
THOMAS LENORE RUTH, JR.
DARRETT BRUCE RUTMAN
JEAN RASCH SACHTLEBEN
ELIHU MYRON SCHIMMEL, with Highest Honors in Philosophy
MOLLY KAMIN SCHWARTZ, with Honors in Speech
SHELDON SEEVAK
GLORIA JUNE SHALOWITZ
PHILIP MEYER SPIELMAN
HERBERT LOUIS SPIRA
KENNETH MAYER SPUNGEN
SALLY JEAN STEINER
ALEX JAMES STRATTON, with Honors in Political Science
JOHN EATON TOWNSEND
HILLARD JAY TRUBITT
ROBERT HENRY TRUITT
EDWARD JOSEPH TYLE, with High Honors in Political Science
CARL GEORGE UCHTMANN, with Honors in Political Science
GEORGE HUGH VENZKE
AVIVA SHEDROFF WAITZMAN, with Highest Honors in Sociology
ARNOLD ROBERT WEBER
FRANK LEONARD WHITE
SHIRLEY MARIE WINTERS
RAY KULTON ZUMBROOK

In Home Economics

MARIETTA GENE MCDONALD
MARJORIE VIRGINIA WESLEY

In the Teaching of English

BETTY VIVIAN ANDREWS
MORTON SIMON RAZOWSKY

In the Teaching of German

JAMES JOSEPH MICHAEL SARSFIELD

In the Teaching of Latin

ERWIN MARK HAMSON

In the Teaching of Social Studies

ROBERT MILTON ALBERT, with Highest Honors in History
MARTIN MICHAEL BURKE
HAROLD RICHARD KULAT
JAMES EDWARD MCNAMARA, with High Honors in History
GEORGIA ADELAIDE NELSON
CHARLES STEWART PINKSTON
CALVIN NATHANIEL POLLARD
CAROL ELAINE REYNARD
LOUIS THOMAS, JR.
EDMOND ALONZO WILLIAMS
DOROTHY AGNES LOUISE WOOD

In the Teaching of Spanish

MARGARET OLGA MANCE

In the Teaching of Speech

BEVERLY BROUER HAMMEL
ANN ROVELSTAD, with Honors

Degree of Bachelor of Science

In Chemical Engineering

SAMUEL PEDEN ANDERSON
JACK HULL BERGMAN, with Honors
DONALD LEWIS BLANKE, with Honors
OLIVER JOSEPH BOLDUC, JR.
JOHN BRAZAITIS
LARRY FRANK BROWN, with Highest Honors
JACK PATRICK DUPUIS, with Honors
RICHARD JOHN FABRY, with Honors
GIRARD EDWARD GOLDEN, with High Honors
LEON HAROLD HARING
HENRY WILLIAM HAUSER, with Highest Honors
ROBERT LEWIS HAYS, with Honors
CHARLES KARRER HERSH
ARTHUR CLINTON LITCHFIELD, JR.
JOHN WILLIAM SARGENT, with Honors
ROBERT EARL SCHILSON, with Honors
RAYMOND JOHN STERNAL, with Honors
JOSEPH VELARDI
ROBERT NICK VUJOVICH

In Chemistry

FRANK LYON BARGER
HARRY JOHN CLEMENS, JR.
LAVERNE HARLAN CONDIT
WILLIAM DEACETIS, with Highest Honors
NORMAN FOGEL, with Honors
JOHN HENRY FRENSTER, with Highest Honors
ROBERT LOUIS GLASS
MELVIN JEROME GORTATOWSKI
ROBERT JOHN HIGHET, with Highest Honors
YOSHIRO HIRATA, with Highest Honors
PAUL GEORGE PALLMER, JR., with High Honors
DELOS EDISON PYPES, JR., with Honors
RICHARD FRANK SMAUS
EUGENE NORMAN VENEGONI
DAVID FRASER WHITEHEAD

In Liberal Arts and Sciences

RALPH WINSTON ALLEN
ANN LAURSEN ANDERSON
WILBERTA JUNE ANDERSON
ERNST CHARLES BAILEY
LORIS KLINKEY BARR
JANET WAIT BIRCH
ALVIN JOSEPH BLOOM
JACK GORDON BONDUS
DOUGLAS EDWARD BRIESKE
ROBERT BURTON BROCKHOUSE
LEONORA MARIE BUEHLER
CHARLES LORING BURGER, JR.
WILLIAM ROBERT CHAMBERS, JR., with High Honors in Psychology
RHODA ANN CHAYKEN
THEODORE GENE CLARK
KENNETH EDWARD CLEGG
JOHN PRESTON DAHL
JEAN BAWDEN DECKER, with Highest Honors in Bacteriology
DONALD ROBERT DICKERSON
EUGERE JOSEPH DOE, JR.
JAMES RICHARD EISZNER, with Highest Honors in Chemistry
HAROLD HALEY FALZONE
DONALD ROBERTS FERGUSON
WILLIAM TUCKER FRAZIER
DONALD HOWARD FULKERSON, with Honors in Geology
LOIS GRACE GARRULSKI
PAUL WILLIAM GREGG
JOHN CHASE GREGORY
CHARLES DOW GRIDER
JAMES CYRUS GROBLE
GLORIA JANE HAGAMAN, with Highest Honors in Psychology

GEORGE DONALD HAINES
HENRY WILLIAM HAWLEY
JAMES CHARLES HOLCOMBE
SHIRLEY SUGARMAN JACOBS
YALE KALMIKOFF
ALEXANDER PAUL KASSEL
MARILYN SIUDA KESSINGER
LILA SELMA KESTEN
EDGAR FOX KLEINER
ALOYS GEORGE KOESTERER
CHRIST JAMES LANGAS
RICHARD DOMEREY LAWRENCE
IRA JAY LICHTON
EDWARD WILLIAM MAKSTELE
ARTHUR KENNETH MILLS
JOSEPH KENT MORGAN
WILLIAM ROBERT NACE
GLORYE NEEDLMAN, with Highest Honors in Chemistry
CAROLYN RUTH NELSON, with Highest Honors in Bacteriology
KENNETH ROY NELSON
WILLIAM ROBERT NELSON
UZOECHINA NWAGBO
CHARLES JOSEPH PERES
MICHAEL PURKO
DONALD CHARLES REIG
WALTER GARON REST
CHARLOTTE RUTH SCHNEIDER
CHARLOTTE FLORENCE SCHORR
MERLE THIEL SCHWARTZ
ALAN EDGAR SHAVER
GEORGE KINNEAR SIMMONS
NORMA ELIZABETH SNEED
MARK DURWARD SOBOTTKE
EARL LLOYD SOLEY, JR.
JOHN CALVIN SOURBY
BEVERLY JUDITH STEINBERG, with Highest Honors in Bacteriology
ALICE BERNICE STOLMAN
LAURA FRANCES SCHARFE SUCI, with Highest Honors in Psychology
GEORGE FRANK SVATOS
CARL HENRY TROSS
DOROTHY JEAN VERNOR, with Honors in Psychology
MARJORIE CATHYLEEN WATKINS
LEONARD NORTON WENIG, with High Honors in Psychology
VICTOR MAX WILLIS
CHARLENE WOODS
RUDOLPH L. ZAAR

In Speech Correction

CAROLYN ALICE BERMAN
CHARLOTTE KECK, with Honors
ARLENE BOUER STULLER

In the Teaching of Biological Sciences and General Science

HARRY EMIL ANDERSEN, JR.
DOLORES ROSE KYZIVAT
LEO THEOBALD RATZER, JR.
GEORGE FRANCIS TRAVERS
JULIA ANNA VENHUDA

In the Teaching of Chemistry

RAYMOND KEITH ROBBINS

In the Teaching of Geography

JOANNE DRURY NORTHAM

In the Teaching of Mathematics

PHYLLIS ANN MINER
HAROLD PETER YUNG

LIBRARY SCHOOL

Degree of Bachelor of Science

In Library Science

DELMA-JANE HECK
PATRICIA ANNE STRONG

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

NANCY JEAN ACKER
JAMES HARRISON ADAMS, with Honors in English
ELIZABETH SINCLAIR BAKER
ALAN LESTER BUTLER
JENNIFER JEAN CHRISTIANSEN
MAXINE AUDREY FRANCE
MARGOT YVONNE GEIGER

NORMA YVONNE HARRISON
FRANCES LOUISE HEATH
WILLIAM RUSSELL HORNBAKER, with Honors in Education
ROBERT LOUIS JEANMAIRE
DOROTHY QUINLAN KENDRICK
LELA LEOTA KERNS
EVA MAE GLICK KNOTT
JEAN CARPENTER MARVELL
GORDON DUANE MOCK
RUTH ELIZABETH MURPHY
DONALD ANTHONY NAUDZIUS
AGNETE JOHANNA NIELSEN
BARBARA HOBSON NUSBAUM
ELYSE SALLY PITZELE
WAYNE CHARLES JEROME RAESKE
SYLVESTER GAIL RENNER, JR.
MARCELLE JUNE RUBENZIK
ANTHONY CHARLES RUSSELL
ROSEMARY ELAINE RYAN, with Honors in Education
LOIS JEAN SPRAGUE, with Honors in Education
JOHN ROBERT STAFFORD
KENNETH ODELL STRATTON
RICHARD MARTIN THOMPSON
PRISCILLA POTTER TUCKER

In Industrial Education

ERNEST DENNIS HARFST
FRANK WILLIAM KIMPLING, JR.
VICTOR GLEN SIMPSON

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

HERBERT WARREN ALLEN
ROBERT EUGENE BARKEI
CARLA JEAN BOND
WILLIAM GODFREY BONGART
EDGAR AYREA CARPENTER
NORMAN CHASE CHRISTMAN
FREDRICK JAMES COOKE
MARVIN ANTHONY CORTI
CHARLES DUANE CRUM, with Honors
JOHN CHARLES DUFFY, with Honors
JOHN LESLIE FAIRFIELD
JAMES DIEDRICH FISCHER, with Honors
EDWARD FRANCETIC
JAMES CLARK FRANKS
EUGENE ERNEST GINOLI
BERNARD RAY GOULD
HOWARD MITCHELL GREENBERG
DONALD CECIL HALEY
JAMES ROSCOE HALL
WILBUR DEAN HARRIS, with Honors
KEITH MITCHELL HAZEN
DESIDOR MICHAEL HEINZ
FRANCIS LYNN HERRIOTT
EUGENE DELOS HUDSON
STANLEY HOWARD IVERSON
RALPH ELWIN JACKSON, with Honors
ARTHUR CRAIG JOHNSON
EVERT PETER JOHNSON, with Honors
ARTHUR TENNANT JONES
THOMAS JAMES KARNOSKY
JOSEPH EDWARD KATAUSKI
MERLYN DUANE KINGDON
GEORGE EDWARD KOBERG, with Honors
EDWARD FRANK LACH
CARL DONALD LARSSON, with Honors
ROBERT FRANK LEMBKEY
ALAN LOUIS LIBMAN
JOSEPH LIEBOW
SHERMAN JEROME LIPPA
FREDERICK ZADUK LORSCH, with Honors
RALPH CHESTER MATUSIAK
DONALD JEROME MERDINGER
STANLEY EARL METZ, with Honors
CHARLES WILLIAM MINCER
JACK CLARENCE MORRISON
STANLEY EUGENE MORRISON, with Honors
RICHARD JESSUP MUSGRAVE
EDWARD JOSEPH O'LEARY, with Honors
WILLIAM EDWARD PARKER
WALTER THOMAS PETERSEN
WILLARD ARWIN PETERSON
CHARLES ALLEN POLLARD, with Honors
JOHN DOYLE POPE, JR.
LEROY EDWARD PREWITT
LESTER JEROME ROSENBERG
GEORGE SALTZMAN
RICHARD LEON SETZ
EDWIN HENRY SIEMONS
CHESTER JOSEPH SIKORA
LEWIS JOHN SOENKSEN
ROLAND MAURICE STEWART
EDWIN JACK THORNBURG, with Honors
SHERWYN WILLIAM TRUBITT
DONALD EARL VOLENTINE
CHARLES TIMOTHY WHITE
WILLIAM ROSS WILSON
FORREST ELMER WINKLER
RUSSELL EUGENE YERKES
ALBERT EUGENE ZIMMER

In Accountancy and Management

RALPH BUDDWELL BREI

In Accountancy and Marketing

PAUL SIEMONS

In Banking and Finance

WILLIAM EWART GUNN, JR.
LLOYD HAAS
RICHARD HALVORSEN
JOSEPH ADAM HOFMANN
STEVEN CHARLES HORVATH, with Honors
ARTHUR HAROLD KRAUSE
WILLIAM FRANK LUKITSCH
WILLIAM LOWELL NEEDLER
RALPH EDWARD SCHROEDER
ROBERT FRANCIS TWISS

In Commerce and Law

NEAL SAUL BRESKIN

In Commercial Teaching

JOHN EDWARD ERICKSON
RICHARD MALACHY LAVERY
WILLIAM VERNON MOTTER

In Economics

ALVIN NORMAN AMUNDSEN
BURT HOWARD BRESNIK
RICHARD NELSON DOUGLAS
SHELDON ARTHUR GROSS
MARGARET MARY KASCHAK
EDWARD MARTIN PALUGA
MARY OLIVE WHITE

In General Business

JAMES NED GILLESPIE

In Industrial Administration

HENRY WALTER ANDERSON
FRED FRANCIS BERRY
RUSSELL WILLIAM COLE
CARL OLIVER HAWORTH, with Honors
EDGAR FERDINAND HILLNER
ROBERT THEODORE KIERES
ROBERT EMIL KOTOWSKI
RICHARD LEE LAWLER
ROBERT ANTHONY MARTIN
DAN MEYERS
LEONARD EDWARD NORDBYE
JOHN DAVID PAULSEN
WARREN RICHARD ROSBACK
RALPH EUGENE WOODARD

In Management

BERNITA MAE ALDERSON
ERWIN FRED BAUER
JOHN RAYMOND BIRD
LAWRENCE JOHN BLAIDA
RICHARD EDGAR BURRELL
DONALD ELOYD CHAPMAN
CARL STANLEY DAHLGREN
ANTHONY JOSEPH DOBOSZ
CARR DOUGLASS, JR.
JOHN EGGENBERGER FLESHER
DONALD FLOYD GILLOGLY
EUGENE RUSSEL GRASSMICK
DONALD BAIN HOFFMAN
STUART WALTER HOFFMAN
LEE RICHARD HORN
DONALD ROBERT HURDLE
JAMES FRANCIS JOHNSON
JOHN STRICKLER JONES, JR.
ROBERT WILLIAM JONES
RUSSELL D. KELLY
VICTOR WALLACE KILLEY
SANFORD KOVITZ, with Honors
WAYNE ARLO LEMBURG
FRANCIS LEROY MARSH
JAMES EDWARD MITCHELL, with Honors
RICHARD JACK MUELLER
MAHLON STARK NEAL
JACK ELDON NEWKIRK
JAMES ANGELL O'BRIEN
BERNARD CARL PAUGELS
LYLE RALPH PAUGELS
CHARLES ALOYSIUS PETERSON
ALFRED PRANSKE
LEONARD ANTHONY REDECKE
JACK WEISER ROADMAN
JEROME ROSENSTONE
HOWARD EUGENE SHEPARD
WADE ALFRED SHULSE
KEITH PFULB SISSON
DOUGLAS WINCHESTER SMITH
JOSEPH MICHAEL SULLIVAN, JR.
ROGER LYNN TAYLOR
VERNON EDWARD WEISKOPF
JAMES ALBERT WELCH
EDWARD JOSEPH MICHIAL WELDON
GERALD DEAN WILSON

In Management and Marketing

MARTIN EARL ACKERMAN
FRAZIER KENNETH BROWN, with Honors
JOHN WESLEY CONNAWAY
PAUL EUGENE DUNNING
GALE WENDELL FARRIS

HARVEY EDWIN GISS, with Honors
MAE BERTHA GRUPE
ROBERT LELAND GUEST
JEROME THEODORE HANKIN, with High Honors in Marketing and Honors in Management
STANLEY THORNTON ICENOGLE
ROBERT LAWRENCE JOHNSON
THOMAS EMANUEL KALLEN
PAUL SIDNEY KISSIN
THOMAS KLINE
WILLIAM GEORGE KLUPAR
RICHARD MORRISON KUHNE
LEO FRANK KUTZLER
SIDNEY LAKS
MAURICE WILLIAM LANGAN
MANDEL LERNER, with Honors
WILLIAM CARLYLE LINDSAY, JR.
CHARLES EUGENE NAUGHTON
BENJAMIN NICHOLAS
JEAN RALPH NIXON
FRANK HART O'DONNELL
LOLITA PINCOFFS
WILLIAM LANGLOIS POUST
CHARLES HOMER RADEBAUGH
EDWIN JOSEPH RAINER, with Honors
ELTON TAFT RIDLEY
SEYMOUR SACKS
ROBERT ABBOTT SEIFERT
JOHN FRANKLIN SKORBURG
ROBERT LEE SMITH
NORMAN SUCHERMAN
RONALD WAYNE TRYON
WILLIAM ROBERT TURNER
HENRY THOMAS VERBOOMEN
BERNARD RAY WATERS
PHILIP JOSEPH WEISS

In Marketing

PAUL ARMAND ABRAMS
ELLIOT FLOYD ALEXANDER
WILLARD CRISSEY AVERY, JR.
ANDREW EDWARD BAKER, JR.
JOHN ARLAND BALAGNA, JR.
ROBERT ARTHUR BASS
PAUL PETER BATTISTONI, JR.
RICHARD DONALD BEST
GLADYS BOGET
LOUIS FERDINAND BREHMER, JR.
HAROLD CHUKERMAN
ARTHUR SIDNEY CLAUSEN, JR.
DONALD BRUCE CLEMENTS
DONALD ARNOLD DAHL
WILLIAM MICHAEL DEMPSEY
SAUL JOSEPH DISLER
EDWARD JERRY DONAHUE
EDWIN EVANS DOZOIS
CHARLES JOSEPH DUNCAN
WAYNE WILLIAM EBERHARDT
HAROLD MORRISE EVANS
DONALD LEE FELDMAN
ROBERT LEE GLOVER
EDWIN PAUL GREB
FREDERIC GROSSMANN
CHARLES NORMAN GUMBERG
MARION CHARLOTTE HANSEN
ROBERT GEORGE HARTUNG
DAVID RICHARD HATTON
GLENN BAKER HICKS, JR.
FRANK ROY HLADIK, with Honors
STANLEY BERNARD HONE
HARRY EARL JOHNSON
MILTON JOSEPHS
PAUL WILLIAM KAISER, JR.
MORTIMER KAZDIN
LEONARD HERMAN LAUTER, with Honors
ARNOLD HARPER LEARNER
GERALD BEAR LEAVITT
ROBERT FOREMAN LEWIS
BURTON FRED LINN
MARC ARNOLD LIPMAN
SHELDON LOGIN
RAYMOND WILBUR LUKEN
GEORGE WILLIAM MADDEN, with Honors
NORMAN ALLEN MANDEL
JAMES ELLIS MANN
BENJAMIN RALPH MICHAELS
THEODORE NICHOLAS MILLAS
COURTNEY ANN MOHR
ALEX JOHN MOLNAR
JOHN JULES MOORE
DONALD WILLIAM NOEL, with Honors
HERSHEL BURTON ORENSTEIN
EDWARD PERLMAN
DONALD WAYNE PHIPPS
GEORGE RAND, with Honors
WILLIAM LEROY RHODES
ALAN MENASHA RUBY
LOUIS MICHAEL SAPPANOS
SHELDON HALPERN SCHAPS
CHARLES VAN SCHLACKS
DANIEL SORKIN
STANLEY STEPHEN STRAZ
A. W. TARTER
ROBERT KENNETH VANDEVIER
CLIFFORD GENE WAIBEL
LEON MANDEL WEISS
JOHN RICHARD WESTERBERG
CHESTER KIETH WIENEKE
WILLIAM GEORGE WINKLER, JR., with Honors
ROBERT CALVIN YECK
DONALD RICHARD ZINK

In Public Affairs

EDWARD ALBERT HAMLIN
HAROLD MARTIN WILSON, with Honors

SCHOOL OF JOURNALISM

Degree of Bachelor of Science

In Journalism

MARIAN LOUISE ALBERT
DANA DEWOLF ANDERSON
COLETTE ISABELLE BERGEN
LORRAINE ANNE BONAGUIDI
CARL WESLEY BROOKE
JOSEPH BRUCE CAMPBELL
SHEVLIN JOSEPH CIRAL
ROBERT EARL CLAVER
MICHAEL JOSEPH CONNELLY
DAVID FRANCIS CUNNINGHAM
EDWARD DONALD DIONNE
ROBERT LEE EDMISTON
JOHN JOSEPH FELLNER
ROBERT FRANCIS FENNELLY
JUDITH CELE FLESCH
ROBERT LESLIE FRANCIS
RALPH RICHARD GARDNER
ROBERT HALL GRIGG
JAY KENT HACKLEMAN
DONALD VICTOR HARPER, with Honors
JEAN DUNCAN HOLDEN
HOLLEN REED HYNDMAN, JR.
ALBERT GARETH IRWIN
EUGENE ADOLPHE JOUGLET
ARLINE SHIRLEY KARET
SHERMAN DONALD KEATS
GRETCHEN LEWIS
JOSEPH LIDDI
MARJORIE HARRISON LUKEN
ALBERT BRUNO MALELO
LOIS EVELYN MALLICOAT
CHALMERS HARPOLE MARQUIS, JR.
GEORGE COOKE MEAD
HERBERT HENRY OKRONGLY
JOHN EARL PORIS
ALICE ROMAYNE RICHARDSON, with Honors
PHILIP ROSENBERG
JAMES FRANKLIN ROSENTHAL
RICHARD YATES ROWE, JR.
CHARLES LYNN RUSSELL
JAMES ALLEN SAUNDERS
GEORGE WILLIAM SEEBERGER
JOSEPH EDWIN SENESAC
LEON BURT SIEGMEIER
PAUL CARMEN SISCO
ROBERT ALDRICH SLAYMAN
EARLE ALBERT SMITH
HARRIS GORDON SMITH
RICHARD ARTHUR SMITH
ROBERT DANIEL SMITH
HAROLD OPIE STANLEY
ROBERT ARTHUR VAN DEEN
GERALD EMIL VAN GILDER
VINTON ARTHUR VESTA
EDGAR LESTER WILKS, JR.

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architectural Engineering

CHARLES LESLIE AMACHER
WILLIAM HOMER APPIER, with Honors
RICHARD DALE ARNER, with Honors
ALBERT CANDIDO BIANCHINI
WILLIAM ERICKSON BODEN
EUGENE CHESTER BOROWSKI
WILLIAM JOSEPH BURGER
EDWARD JOHN CASEY
KENNETH JAMES CONNELL
MARION LUCIUS CRAMER
DEAN ALLEN DAVIS
JOSEPH ROBERT DESHAYES, with Highest Honors
GLENN WILLIAM DETTINGER
HOWARD JOSEPH FARR
LOUIS PHILIP FLOWERS
GEORGE MILLARD HAVLIK, with Honors
HOWARD ROY HECKMANN
ALBERT GUSTAVE HERMSEN
CHARLES LAMBERT HICKMAN
ARTHUR BERNARD HOLDEN
DONALD FRANCIS JOHNSON
GUY EDGAR JOHNSTON
RICHARD JOSEPH KIPPING
ROY REED LEWIS
DONALD REED LIVERGOOD
RICHARD MEINKE
MARVIN MORTON MEYER
CHARLES FERRELL NORRIS
WESLEY HUGH PATTERSON
MARTY POLIN
CHARLES KELLER PRICE, JR.
GEORGE WESLEY REIHMER
TONY SEVERE RUDD
RAY SALVATORE RUSCITTI
JOSEPH CHARLES RUSSELLO
JAMES PHILLIP SAMPSON, with Honors
JOHN CELLARIUS SHEPARD
JAMES EVERETT TICER, JR.
WILLIAM RAYMOND WILLIAMS

In Architecture

MARVIN BERNARD AFFRIME
GORDON EDWARD ALLEN
TSUTOMU GLENN ARAI, with Honors
JAMES BAINBRIDGE CAMPBELL
CORNELL FRANKLYN CREEKBAUM
CHARLES CLAYTON DAVIS
ERNEST GEORGE FIFLES
BURTON HENRY FRANK, with High Honors
ARNOLD WARD GARFIELD, with Honors
RICHARD LEON GRAHAM
JOSEPH ANDREW HANSEN
KARL JUNIOR LOHRMANN, with High Honors
ROBERT WILLIAM MARSHALL
ROBERT W. MEZAN
JOSEPH JEROME OSHIVER
VERNON JOHN PIETZ
JOSEPH KRYST PLEPEL
JOHN WALTER ROCK
DOUGLAS WESCOTT RUCKER
ALFRED DANIEL SHAPIRO
NEALE RICHARD SKORBURG, with High Honors
BERNARD ALLEN SNYDER

In Landscape Operation

CHARLES FRANCIS MULLIN, JR., with High Honors

In Music Education

VELSIE ANITA BELFORD
JANICE LOUISE KUHNS
MARILLYN DOROTHY PINKUS
ROBERT GEORGE WEIHROUCH
NORMAN HENRY WERNER, with High Honors
VERA LEA WILLIAMS, with Honors

Degree of Bachelor of Fine Arts

In Advertising Design

CAROLYN RUTH GERSTENBERGER
RICHARD ELLIS MACHAMER
SALLY MCKEOWN, with Honors
KENNETH ERWIN WITT

In Art Education

FRANCES ANN BARTHOLOMEW
JEAN ETHEL CANTY
MARY STAUFFER RADEBAUGH
JULIUS JOHN SABYAN
RUTH LILA SEGEDIN

In Industrial Design

ALFRED JEAN DELORIMIER
JAMES CLIFFORD EGBERT
PETER DONALD LEONARD
MARILYN GLORIA MEZEK

In Painting

FRANK JACOB FRITZMANN
VINCENT SERIO
FRED WILLIAM WEIK
LAURENCE THEODORE YOUNG, JR.

Degree of Bachelor of Music

ELVIRA VIGNA CIVITELLO
RICHARD WESLEY LITTERST, with Honors

SCHOOL OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

THEODORE EUGENE ANDERSON, JR.
THOMAS JAMES BROWN
JOHN OLIVER CEDARBURG
RICHARD KEITH CHERRY
RICHARD THOMAS COLEMAN
WILLIAM LACEY CONNORS
PETER ANGELO D'ANZA
PAUL DORICKO
LOUIS FISCHER
WARREN EDGAR GLEASON

CHARLES EVERETT GOTTFRIED
MILTON SAMUEL HAMBALEK
GLENN MAURICE HARDIN
PAUL HOLLAND, JR.
PAUL WILLIAMS HYDE
GERALD PETER KAIRES
GEORGE KERNATS
WALTER JOHN KOCHNUK
BERNARD ERNEST KRUEGER
LOUIS LEVANTI
ELLEN JANE MENZEL
GENE PHILLIP MOORE
JAMES AUBREY MOORE, JR., with Honors
PERRY LEE MOSS
CHARLES EDWARD RANSFORD
MERLE JUNIOR SCHLOSSER
BERT J. SEAMAN, JR.
HERBERT JACQUEMIN SLIGER
REX BERNARD SMITH
ROBERT LEE STRANGE
ARTHUR DWAINE STROM
ROGER GILL TOBIN
ALBERT EUGENE WIDNER
DONALD WILLIAM WOODARD

In Recreation

WELDON SMITH NUSBAUM

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

FRANKLIN DALE ADAMS
ROBERT EVAN ADAMS
JAMES HERBERT ANDERSON
JOHN ANTHONY ANDREASKY
LIBORIO MARIANO ARGANO
WILLIAM GERALD ARNHOLT
DONALD J. ASHBROOK
CHARLES DORF ATWATER, JR.
JOHN DERO AUDAS
NED GILBERT AUMAN
CHARLES JEROME BANAS
EARL FREDERICK BARNES
MORTON DAVID BARNETT
JOHN WILLIAM BARR
DONALD CLARK BARRICK
ALEXANDER BELA BASSO, with Honors
WENDALL LEE BAUMGARTNER
WILLIAM AUSTIN BEACH
WILLIAM FRED BEHRENDT
LOVORIS RAYMOND BERGER
KENNETH RALPH BERLIANT
WILLIAM THOMAS BIRCH
RICHARD EDWARD BLAHA
ELBERT CLIFFORD BOLLYN
JOHN JOSEPH BONDY
DAVID WILLIAM BONHAM
RICHARD ANDREW BOPP
WILLIAM SPENCER BOWMAN
ALLEN LEE BRADFIELD, with Honors
DONALD WILSON BROWN
WARWICK VERNON BROWN
LEONARD BUCHSTABER
THOMAS CHARLES BUSCHBACH
THERON SHULER BUSHNELL
JOSEPH GEORGE BUSHUR
JACK BUSHYHEAD
WILLIAM EVERETT BUSTER
JOHN WALTER BUTLER
LOUIS LAFAYETTE CAGLE
DONALD FREDERICK CAIRNS
WILLIAM JOE CARLYLE
GILBERT JOSEPH CARROLL, JR.
JOHN THOMAS CHAMBERS
JACK RAE CHILD
WALTER ARNOLD CLEVEN, with Honors
SHELDON ALVIN COHEN
NATHAN CORWITH
WILLIAM FRANCIS COSTIGAN
LUCIAN JAMES COURTNEY, JR.
JAMES ALBERT CUNNINGHAM
WALLACE JOHN DANKO
KENNETH WILSON DAVIS
JACK OLLEN DENNEY
JAMES DAVID DEWHIRST
CARL HENRY DIETZ
WILLIAM FOREST DOWNS
JAMES PATRICK DUFFY
THOMAS PETER DUMOND
JOHN HARRIS EICHHORN, with Honors
PAUL ALBERT ERLEY
ROY HENRY FALKENHEIM
JOHN DEAN FITZGERALD
ALLEN JAMES FLITCRAFT
ROBERT PAUL FREITAG
ROBERT DONALD FRISCH
NICK THOMAS GIANACOPOULOS
JOHN WILLIAM GILLESPIE
WILLIAM STANLEY GILLESPIE
FREDERICK LLEWELLYN GOSS, JR.
ROBERT WILLIAM GRANDY
CRANSTON HOWARD GREEN
WALTER ARNOLD HAGEN
PAUL HAYDEN HALLBECK
BERTRAM FRANCIS HAMILTON
GEORGE EDWARD HAMMEL
EUGENE MARVIN HANSEN
JOHN SAMUEL HARRINGTON
BERNARD ARNOLD HARRIS
ALVIN LEROY HART
LEO JOSEPH HART
WILLIAM WARD HART, JR.
JOHN MARSHALL HEAPS

GORDON CHARLES HELLWIG
JAMES EDWARD HENDERSON
PHILIP JOSEPH HENEGHAN
JOHN MEAD HENNESSEY
THOMAS DONOVAN HITCH
WILLIAM HOWARD HITT, with Honors
THOMAS JAMES HOLLINGSED
KENNETH WALTER HOLZ
EDWARD FRANCIS HORST
DAVID WILLIAM HOWELL
CARL WILLIAM HUNDING
CHARLES LEROY HUNT
CLAY LADELL IRICK
CARL JACOBY
SHERWIN SYLVAN JANOWS
FRED SAMUEL JOHN
FINNIS EARL JOLLY, JR.
RALPH BERNARD JORDAN
JOE JOSEPH
RICHARD HERMAN KANAK
FREDERICK WILLIAM KASTOR
RUSSELL ELLWOOD KAUFFMANN
BISSELL ROBERT KIRKWOOD, JR.
RAYMOND EDWARD KNAACK
WILLIAM VALENTINE KNUERR
CHARLES KOSTEL, JR.
WALTER ANTON KRANCE
WILLIAM ROBERT LAMB
ROBERT KUNKEL LANE
STANLEY EVAN LANG
RICHARD KENNETH LARSON
HARRY LASH, JR.
LAWRENCE LAWLESS
NICHOLAS JOSEPH LEAVITT
SHERMAN PERRY LEBO
ROBERT LOUIS LEE
ROBERT LEFKER
ROBERT ALLEN LETTAS
JOHN ALFRED LEWIS
VINCENT PETER LODESTRO
KARL BAPTISTE LOHMANN, JR.
WARREN JOHN LOTZ
REX KING LUCAS
NORMAN MARTIN LYNN
JAMES EDWARD STOLZE MAHONEY, JR.
ANGELO TOM MARAS
RONALD PERRY MARKS
JOSEPH JEROME MARTINEC
ROBERT HENRY MASKEL
DALE STUART MAY
JOHN CLETUS MCATEE
ROBERT EUGENE MCCANN
MARION EVERETT MCCREIGHT
MAURICE EUGENIE MCDANIEL
ORVILLE KENNETH MCDANIEL
BERNARD JOHN MCGUIRE, JR.
JOE HOWELL MCMURRY, JR.
ROLAND JOSEPH MCSHANOG
VAN KEITH MEFFORD
FRANK MENAGH
EMIL PETE MERANO
DONALD LAWRENCE MERLIE
JAY ALAN MILLER
JOSEPH HENRY MITCHELL
WILLIAM PIERRE MITCHELL
MERLE MIZELL
ROBERT ANTON MOELLER
ARTHUR THOMAS MORAN
RALPH NORMAN MORRISETT
SIDNEY PHIL MOSS, with Honors
VERNAL LYNN NAVE
JAMES CONRAD NELSON
DONALD RICHARD NEWAR
HOWARD ALVIN NICHOLS
WILLIAM KAVANAGH O'CONNOR, JR.
EDWARD ALLEN OLSON
GORDON TILSON O'NEILL
ROBERT LOUIS PARADISE
ROLAND CORLISS PENNEY
LOUIS BENJAMIN PERA
WARREN FREEMAN PERKINS
RAY FRANKLIN PERRY
RAY LOUIS PIEROBON
JOHN MILTON PLAYER, JR.
WILLIAM KRUEGER PLUNKETT
HAROLD GEORGE POINDEXTER, with Honors
ROBERT PAUL POISALL
GEORGE FOSTER PRIES
JOHN IVAN PRIKOPA, with Honors
THOMAS ANGELO PUGLIESE
OTTO CRITTENDEN PYLES, JR.
WILLIAM FREDERICK QUAINTANCE
CLARENCE HIBBERT RAEDE
RICHARD BENNETT REZANKA
JACK BYRON RITTER
WARREN JACK ROBERTSON
DICK ROGERS
JAMES LEROY ROOKER
THOMAS EDWARD ROONEY, III
ROBERT ARTHUR ROOT
ROBERT LEE RUDNICK
ALOYS REINHARD RUETER, with Honors
RICHARD WIRT RUTLEDGE
BENJAMIN HAROLD RYAN, JR.
WILLIAM PETER RYAN
ROY BURDETTE SANGER
THEODORE STANLEY SANKO
PATRICK JAMES SAVAGE, JR.
VICTOR JAMES SCANZON
ROBERT WILLIAM SCHAER
ELWOOD WILLIAM SCHAFER
GEORGE ANTHONY SCHNEIDER
EARL SCHWARTZ
ALBERT A. SCHWEIBISH
JOHN ALTON SCROGGIN
MARJORIE BERNICE SELTZER
GEORGE SHERMAN
PAUL WILLIAM SHERRINGTON
MARVIN COLEMAN SHUWAL
NATHAN MORRIS SIEGEL
ROBERT MILTON SILVERMAN
CHARLES LOUIS SINGLER
JOSEPH SLUTSKY

KENNETH IRA SMARGON
CHARLES GOODMAN SMITH
MARK WILLIAM SMITH
ROBERT WOLCOTT SMITH
JOHN DAILY SPANGLER
THOMAS PETER SPASARI
MARVIN LEWIS SPINNER
MERLIN LYNN STANFIELD
GEORGE BEVERLY STARK
ANDREW WILLIAM STATHIS
RAYE ALBERT STEPHENS
RICHARD HENRY STOCKBARGER
RUTHERFORD B. STUM
WALTER FRED STURM
HERBERT CHARLES SUNDMACHER
LESLIE GERALD SWENSON, JR.
ALVIN ROBERT THEMANDER
CHARLES KENNETH THORSEN
ROBERT LEWIS TOBER
RICHARD FRANCIS TONIGAN
FRANK JOHN TRAINI
JOHN WESLEY UPHOFF
HARRY DAANE VANDERBILT
WAYNE EUGENE VARLAND
JOHN MICHAEL VICKERS
SEYMOUR HARVEY VOGEL
LOUIS HENRY VOLBERDING
HERBERT CARL WEISS
WILLIAM GORDON WELCH
PHILLIP WAYNE WENIG, with Honors
KENNETH SAUL WERKOW
ROBERT WIKOFF WEST
RICHARD HARRY WHITE
RICHARD HUGH WILLIAMS
KENNETH WILBUR WIND
WILLIAM EUGENE WOODS
WILLIAM HOWARD WOODS
JAMES FRED WULFF
WILLIAM JACOB ZIEGLER

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

(A) Candidates who have successfully passed the standard Certified Public Accountant examination given in November, 1949.

ELMER ANTON ANDERSON
FRANK ANSTADT
CARL ASTHEIMER
DEAN JAMES BARRON
SAUL RALPH BERNSTEIN
MAURICE BLONDER
RICHARD JAMES BOLAND
CARL FERDINAND BRAUWEILER
EARL CECIL BROWN
LLOYD CALLOW
FRED CARMAN
PAUL SPENCER CARTER
ROSCOE JACK CHASE
JAMES VIRGIL CLANAHAN
MELVIN COHEN
FRANK PROSPER COYER, JR.
JAMES WILLIAM CUMPTON
EDWARD JAMES CUNNINGHAM, JR.
GORDON ROBINSON CURRIE
FLOYD BRUCE DAVEY
EARL HENRI DAVIS
KEITH EDWARD DAVIS
KECK RUSSELL DAWSON
NICHOLAS THEODORE DELEOLEOS
ALFRED THOMAS DENT
FRANCIS EMMETT DERHAM
JOHN DAVID DESMOND
JOHN HADE DEVLIN
BETTY JUNE EGGENBERGER
JEROME LEANDER ENGERMAN
WAYNE STANTON FAGAN
CLIFFORD TWEEDIE FAY, JR.
HERMAN BERNARD FIRESTONE
GERALD MAURICE FLEGEL
ROBERT ALLAN FLOYD
CONLEY NEIL FOSTER
THOMAS FREDERICK FREY
ROBERT CHARLES FULLER
FRANK WALTER GASIOREK
JOSEPH MARTIN GIERZYNSKI, JR.
MILBER EARL GIVAN
MARVIN MORROW GOLDBERG
JOSEPH E. GOLDMAN
ABRAM BRESEL GOLDSTEIN
IRVING ARTHUR GORDON
JOSEPH HERMAN GRAFFY
HARRY GRAUER
JOHN CALONKEY GRAY
RICHARD ALAN GREEN
ANDREW GREENWALD
FRITZ OTTO GREINER
PATRICK ROBERT GROGAN
JAMES JOSEPH GRUMLEY
LESTER GORDON HANSEN
IRWIN WILLIAM HART, JR.
MYRON RICHARD HARTLEY
HAROLD HARTMAN HENSOLD, JR.
RALPH LEWIS HEUMANN
RICHARD EDWARD HOKE
ROBERT MATTHIAS HOLMES
RUSSELL JOHN HOMER
RICHARD H. HUGHES
ROBERT LOUIS JORGENSEN
JOHN IGNACE JOZWIK
ROBERT CHARLES KAESBERG
HAROLD DAVID KASSEL
MALCOLM ROEBUCK KEELER
ROBERT FRANK KIRBY
LEO KRASHEN
PAUL WILLIAM KRUEGER
STANLEY PHILLIP LAPIN
THOMAS CAMERON LATTER
PETER HANS LAUER
RUSSELL HARRY LEDUC

WILLIAM PALMER LEE
CLARENCE JOSEPH LEHECKA
RICHARD TIBBETTS LEIGHTON
LAWRENCE JEROME LIPSKY
NORMAN NICHOLAS LISCHKA
RICHARD EDWIN LOEB
CLARENCE JOHN MAGERL
ALBERT FRANCIS MAJERES
JOHN JACOB MALKIND
ROBERT ARNOLD MALMGREN
IRVING HOWARD MANN
HUGH WILLIAM MATTER
WILBUR CLARENCE MATTILA
LOUIS WAYNE MATUSIAK
JOSEPH CHARLES MAYER
MORRIS JOHN MCCARTHY
ROY EMIL MCCLUSKEY
GUY MCCUNE
THOMAS WILLIAM MCKIBBEN
JOHN EATON MINER
PHILIP HAROLD MITCHEL
EVERETT HAROLD MOORE
FRED L. MOORE, JR.
RICHARD ALBERT MOORE
ROBERT ALAN MOORE
WALTER JAMES MOORE, JR.
DONALD RAY MORRISON
GORDON LOUIS MURRAY
JOHN CHARLES NEWMAN
WYBA NIENHUIS
PAUL HENRY NOVY
FRANK PETER NYKIEL
DAVID DEYOE OLIVE
NORMAN OTIS OLSON
JAMES ADOLPH PARCHMANN
JAMES JOHNSON PEREGOY, JR.
JOHN WILLIAM POPP
EDWARD FRANK RAACK
WILLIAM RENBERG
GEORGE GREER RINDER
MILTON CHARLES RITZLIN
WILLIAM JOHNSON ROBY
ERNST ROENAU
MARSHALL MELVIN ROSE
MORTON JAY ROSSMAN
NATALIE SALTIEL
WILLIAM EUGENE SCHINDLER
MILTON J. SCHOBER
WALTER MERLE SCHOCKMEL
NELSON LEAVOUS SEELEY
ROBERT CLARENCE SHAULL
BEN E. SILBERMAN
MELVIN SINGER
JEREMIAH GALVAN SMITHWICK
MELVIN JEROME SOBERG
HAROLD ARTHUR SORENSEN
LARRY STANLEY
EDWARD WILLIAM STEPNICK
OSCAR EDWARD STOLBERG
RICHARD NICHOLAS STRASS
LLOYD CLARK SWORTWOOD
EDWARD WAYNE TERRELL
JAMES RICHARD TERRILL
CHARLES RICHARD TRACY
VINCENT EMIL VALIQUET
WILLIAM WALTER VOLKMAN
EVERARD LELAND WEBBER
RICHARD BURCH WEIGEL
RUSSELL WILLIAM WENDE
RICHARD HARDING WILLENS
JOHN DAVID WOODS
JOHN WALTER ZICK
JOHN ELLIOTT ZIMMERMAN

(B) Candidates who have successfully passed the examination given by the special Board of Examiners established under the Accountancy Act of 1943 to examine the qualifications of candidates who hold the certificate of Public Accountant.

CARMEN WARREN FRALE
PHILIP GEORGE GARFINKLE
ELMER FRANK LAURIN
EDWARD ANTHONY MCNALLY
ALAN MCNAUGHTON
ANTHONY JOHN MOSS
ALBERT LOUIS RIETZ
WALTER WILLIAM SENECO
EDWARD FENTON WHEELER

(C) Candidates who have presented satisfactory evidence that they are holders of Certified Public Accountant certificates obtained by passing a standard written examination in another state.

JOHN FELSTEAD STUART ARTHUR (Calif.)
JOHN H. BECKER (Nebr.)
KERMIT JAY BERYLSON (N.Y.)
HOMER F. W. BIESEMEYER (D.C.)
RICHARD LINCOLN BRINING (Mo.)
DANIEL EDWARD CONLEY, JR. (Ariz.)
CHARLES FRANKLIN COOKE (Ind.)
LEE THOMAS FLATLEY (Ind.)
VILLIERS R. GERD (Nebr.)
GEORGE ELSWORTH GREENE (Ind.)
FRANCIS WILLIAM HOPKINS (N.Y.)
FLETCHER ORMOND JOHNSON (Wash.)
AMOS KEELER KNORR (Pa.)
WILLIAM JOSEPH LOONEY (Mo.)
VINCENT T. LORIMER (Colo.)
POWEL PEARCE MARSHALL, JR. (Mo.)
ROY GEORGE MOSHER (Ky.)
LOUIS H. RAPPAPORT (N.Y.)
JAY MONROE SQUIRE (N.Y.)
LOUIS MORRIS WELTMAN (Mo.)
PAUL FREDERICK WILKE (Mo.)

CURRICULUM PREPARATORY TO TEACHING IN THE ELEMENTARY SCHOOLS

Language Arts		HOURS
*Rhetoric 101, 102—Rhetoric and Composition	6	
and		
*Speech 101—Principles of Effective Speaking; *or* Speech 141—Oral Interpretation of Literature	3 or 2	8 to 9
or		
*Division of General Studies 111, 112—Verbal Communication	8	
English 101—Introduction to Poetry; English 102—Study of the Drama	6	
or		
English 111, 112—Masterpieces of English Literature	6	6 to 8
or		
English 113, 114—American Literature	6	
English 121—Chief English Writers before 1800; English 122—Chief English Writers of Nineteenth Century	8	
*Library Science 303—Library Materials for Children		3
Elective in Language Arts area		0 to 3
Total Required		20

Natural Science		
Biological Science (10 hours required):		
Botany 104—Botany-Zoology Sequence; Zoology 104—Zoology-Botany Sequence	8	
or		
Division of General Studies 131, 132—Biological Science	8	
or		8
Entomology 103—Life of Insects; Botany 104—Botany-Zoology Sequence	8	
or		
Entomology 103—Life of Insects; Zoology 104—Zoology-Botany Sequence	8	
*Hygiene 102 or 105—Personal and Environmental Hygiene		2
Physical Science (8 hours required):		
Division of General Studies 141, 142—Physical Science	8	
or		8
An approved sequence of eight hours from astronomy, geology, physical geography, chemistry, and physics	8	
Total Required		18

Psychology	
*Psychology 100—Introduction to Psychology	4
Total Required	4

Social Science		
*History 152—History of the United States, 1865 to 1949		3
*Political Science 150—American Government: Organization and Powers		3
*Geography 104—World Regional Geography		3
Division of General Studies 151, 152—Social Science	8	
or		
History 111, 112—Modern European History	8	
or		8
Philosophy 103—Ethics and Social Policy; Philosophy 104—Philosophy of Democracy	8	
or		
Sociology 104, 105—Community and Society	8	
Elective from Social Science area		3
Total Required		20

Mathematics	HOURS
*Mathematics 202—Arithmetic for Teachers	5
Total Required	5

Health and Physical Education	
*Required Physical Education	4
*Physical Education for Women 216—Teaching Methods and Materials in Elementary School Physical Education	2
Total Required	6

Fine and Applied Arts		
*Music 212—Music for Elementary Teachers		3
*Music 213—Music for Elementary Teachers		3
*Art 203—Art Education Laboratory		2
*Education X—(Art in Elementary School)		3
Art 170—Recreation Crafts	2	2 to 3
or		
Art 115—Art Appreciation	3	
or		
Art 171—Metalwork and Jewelry	2	
or		
Art 173—Pottery	2	
or		
Art 175—Leatherwork	2	
or		
Art 177—Bookbinding	2	
Total Required		13 to 14

Professional	
*Education 100—The American Public School	2
*Education Xa—(Child Development for Elementary Teachers)	3
Education Xb—(Child Development for Elementary Teachers)	3
*Education 230—Principles of Elementary Education	3
*Education 231—Technic of Teaching in the Elementary School	3
*Education 232—Educational Practice in Elementary Education	5
Education X—(Teaching Primary Reading)	3
Education 332—Development of Teaching Units in the Elementary School	2
Total Required	24

Electives (exclusive of above area electives) ..... 18 to 17

Persons preparing for the kindergarten-primary certificate would be required to take the following six hours in addition to the above:

Education 335—Science in the Elementary School	3
Education Y—Social Studies in the Elementary School 3	3
or	
Social Welfare Administration 221—Child Welfare 3	

PURCHASES

Purchases Recommended

Item	*Department*	*Vendor*	*Cost*
600 copies *The Literary Genetics of Shakspere's Sonnets and Poems* by Thomas Whitfield Baldwin, Professor of English, University of Illinois	University Press	Waverly Press, Inc., Baltimore, Md.	$3 580 72 f.o.b. Baltimore
600 copies *The Rape of Lucrece* by Allan G. Holaday, Assistant Professor of English, University of Illinois	University Press	Rogers Printing Co., Chicago	1 374 00 f.o.b. Urbana
600 copies *Comic Theory in the Sixteenth Century* by Marvin T. Herrick, Professor of English, University of Illinois	University Press	Interstate Printers & Publishers, Inc., Danville	988 20 f.o.b. Urbana

Item	*Department*	*Vendor*	*Cost*
600 copies *Diderot's Relations with Grimm* by Joseph Royal Smiley, Assistant Professor of French and Assistant Dean of the Graduate College, University of Illinois	University Press	Rogers Printing Co., Chicago	1 177 00 f.o.b. Urbana
One 7′ Steinway grand piano (new) with bench	School of Music	Lyon & Healy, Chicago	3 746 63
One 5′2″ Hamilton grand piano, ebonized	School of Music	Mendel Riley, Champaign	1 256 64
One distribution transformer, 3 phase, 60 cycle, askarel filled, 200 kva, 4160 volt Delta primary, 240 volt Delta secondary	Physical Plant Storeroom	Standard Transformer Co., Chicago	1 924 00 f.o.b. Urbana
One Beckman model G-2 oxygen analyzer O-200 mm. partial pressure oxygen range with one brown elektronik potentiometer recorder, O-5 millivolt with one 35′ connecting cable	Aeromedical and Physical Environment Laboratory	Arnold O. Beckman, Inc., Pasadena, Calif.	2 140 00 f.o.b. Pasadena, Calif.
One semi micro hydrogenating apparatus for tocopherol determination; one four-unit demountable micro-pot still assembly for Vitamin E analysis	Dairy Science	Distillation Products, Inc., Rochester, N.Y.	1 330 00 f.o.b. Rochester
One Deceptograph with two signal markers, two voice keys, five rolls of paper and a large bottle of ink (the Deceptograph is a lie detector with special recording pen devices)	Psychology	C. H. Stoelting Co., Chicago	1 325 00 f.o.b. Chicago
One wood laboratory table, according to University blueprints and specifications	Department of Toxicology	E. H. Sheldon & Co., Chicago	1 126 10
60 safety switches type A, 3-pole, 30 amperes, 230 volts; 50 safety switches, type A, 3-pole, 60 amperes, 230 volts; 40 safety switches, type A, 3-pole, 100 amperes, 230 volts	Physical Plant Storeroom	Danville Electric Supply Co., Danville	2 058 36 f.o.b. Urbana
12,000 reams 8⅜ x 10⅞ 16# substance No. 4 sulphite mimeograph bond	Office Supply Store	Marquette Paper Corp., Chicago	5 520 00 f.o.b. Urbana
One CBW-100 Barcroft Warburg circular apparatus for ten Summerson manometers, stainless steel, complete with motor, thermoregulator, and stands	College of Medicine, Bacteriology	E. Machlett & Son, New York, N.Y.	1 300 00
One Offset duplicator, including master cylinder with quick-change clamp and trailing pin plate, centrifugal clutch, mechanical jogger, extra suction foot, oscillating repelex rider roller, auxiliary vibrator roller, light fixture	Stenographic Bureau	Multigraph Sales Agency, Peoria	1 930 40 f.o.b. Urbana
One 15″ lathe with 42″ centers and 12 speeds up to 1800 r.p.m., headstock, complete with steady rest, follow rest, large face plate, 8″ three-jaw Universal chuck, micrometer carriage stop, Jacobs chuck with collets, and chuck adapter plate	Physics	R. K. LeBlonde Machine Tool Co., Chicago	3 606 64 f.o.b. Cincinnati, Ohio
One 15″ lathe with 42″ centers, speeds up to 1800 r.p.m., large face plate, 10″ four-jaw independent chuck, 8″ three-jaw Universal chuck, steady rest, follow rest, Jacobs chuck with collets and micrometer carriage stop	Physics	R. K. LeBlonde Machine Tool Co., Chicago	3 746 96 f.o.b. Cincinnati, Ohio
One comparator photometer with master and sample projection beams for two 4″ x 10″ plates; one galvanascope for the above; one voltage regulator for the above (110 volts, A.C.)	Chemistry	National Spectographic Laboratories, Cleveland, Ohio	3 025 00 f.o.b. Boston
14,817 board feet milled No. 1 fir lumber S4S in 2″ x 10″, 2″ x 8″, 2″ x 6″, 2″ x 5″, 2″ x 4″, 1½″ x 2″, 1″ x 6″, ¾″ x 12″, ¾″ x 6″, ¾″ x 5″, and ½″ x 2″ KD; 16,000 board feet 1″ x 6″ No. 2 D&M fir lumber	Physical Plant	Illini Lumber Distributors, Champaign	2 328 88 f.o.b. delivered to our warehouse

Item	*Department*	*Vendor*	*Cost*
4,000 board feet 2″ clear red oak lumber, rough, KD, 6″ and wider, 10′0″ to 16′0″; 4,000 board feet 1¼″ clear red oak lumber, rough, KD, 6″ and wider, 10′0″ to 16′0″	Physical Plant	Illini Lumber Distributors, Champaign	1 760 00 f.o.b. delivered
One 7′ x 7′ x 7′6″ combination reach-in and walk-in florist box with ¾ h.p. air-cooled compressor, blower, heat exchanger, and thermostat	Physical Plant	T. & R. Supply Co., Kankakee	1 414 08 f.o.b. installed
One station wagon (to replace 1938 Chevrolet panel truck)	Photography	Kap Chevrolet Co., Monticello	1 662 60
One Farmall "C" tractor; one C-21 7′ mower; one C-244 two-row power lift cultivator; one C-295 two-furrow 14″ one-way plow with 18″ colter	Agronomy	R. W. Riegel, Tolono	1 725 95 f.o.b. delivered
Complete rebuilding of Model B Steinway grand piano purchased in 1928	School of Music	Steinway & Sons, New York	1 050 00 to 1 200 00 (estimate)
Book stack addition for Mumford Hall Library in accordance with University Architect's drawings and specifications	Physical Plant	Snead & Company, Orange, Va.	6 057 00 f.o.b. installed
35 copies of Abstract of Record; 35 copies of Brief	Legal Counsel	Gunthorp-Warren Printing Co., Chicago	1 266 30
Collection of letters of Rainer Maria Rilke	Library	Karl J. Arndt, Toledo, Ohio	4 000 00
Collection of letters of Marcel Proust	Library	Prince Antoine Bibesco, Paris, France	3 000 00

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED DECEMBER 11, 1949, TO JANUARY 10, 1950

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
Illinois Bell Telephone Co.	Right-of-way for placement of pole in Trelease Woods		August 26, 1949
Eli Lilly & Co.	Polymeric chemicals as drugs	$ 3 000 00	December 8, 1949
Central Illinois Public Service Co.	Construction and operation of an A-C network analyzer in Electrical Engineering Building—service and research to continue for twelve years	10 800 00	January 12, 1950
Illinois Power Co.	Construction and operation of an A-C network analyzer in Electrical Engineering Building—service and research to continue for twelve years	23 600 00	January 5, 1950

Leases Executed Under General Regulations of the Board of Trustees

With Whom	*Purpose*	*Amount to be Paid by the University*	*Date*
The American Federation of Arts	Rental of film	$ 135 00	October 28, 1949
Jacob and Gladys Reisch	Lease of property in Springfield for Division of Services for Crippled Children	500 00 a month	September 1, 1949

Adjustments in Authorizations Issued Prior to July 1, 1949, Under Cost-Plus Standing Contracts

With Whom	*Purpose*	*Amount*
Lewis S. Colbert	Three adjustments	$691 95
Reliable Plumbing & Heating Co.	Two adjustments	100 00
Schroeder's	One adjustment	99 60
Square Deal Electric	Four adjustments	603 88[1]

[1] Deduct, contract reductions.

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

March 14, 1950

The annual meeting of the Board of Trustees of the University of Illinois was held at Hotel LaSalle, in Chicago, on Tuesday, March 14, 1950, according to the following schedule:

10:30 a.m. — Executive session as in Committee of the Whole.

2:00 p.m. — Open session.

The following members were present: President Williamson, Mr. Fornof, Mr. Herrick, Mrs. Holt, Dr. Meyer, Mr. Nickell, Mrs. Watkins.

President Stoddard was present; also Dr. A. C. Ivy, Vice-President in charge of the Chicago Professional Colleges, Professor C. R. Griffith, Provost, Mr. A. J. Janata, Assistant to the President, Mr. H. E. Cunningham, Secretary, Mr. Lloyd Morey, Comptroller, and, during part of the day, Mr. I. L. Porter, Treasurer, Mr. J. F. Wright, Director of Public Information, and Mr. Wilbur Schramm, Asssitant to the President.

MR. KENNEY E. WILLIAMSON ELECTED PRESIDENT OF THE BOARD

On motion of Dr. Meyer, Mr. Fornof was made chairman for the election of the President of the Board.

Dr. Meyer nominated Mr. Kenney E. Williamson, of Peoria, for the office of President of the Board for the ensuing year.

On motion of Mr. Nickell, the nominations were closed, and the Secretary was instructed to cast the unanimous vote of the meeting for Mr. Williamson as President. The ballot was cast, and Mr. Williamson was declared elected President of the Board.

President Williamson took the chair and expressed his appreciation of the honor of his election.

MR. HARRISON E. CUNNINGHAM ELECTED SECRETARY

On nomination of Mr. Nickell and on motion of Mrs. Watkins, Mr. Harrison E. Cunningham, of Urbana, was elected Secretary of the Board for one year.

PROFESSOR LLOYD MOREY ELECTED COMPTROLLER

On nomination of Mr. Nickell, Professor Lloyd Morey, of Urbana, was elected Comptroller for one year.

EXECUTIVE COMMITTEE ELECTED

Dr. Meyer nominated Mr. Livingston, and Mr. Fornof nominated Mr. McLaughlin to serve, with the President of the Board as Chairman, as members of the Executive Committee for the ensuing year.

On motion of Dr. Meyer, the nominations were closed, and the Secretary was instructed to cast the unanimous vote of the meeting for Mr. Livingston and Mr. McLaughlin as members of the Executive Committee. The ballot was cast, and Mr. Livingston and Mr. McLaughlin were declared elected.

AUTHORITY TO RECEIVE MONEY

On motion of Mr. Nickell, the following resolution was adopted:

RESOLVED, that the Treasurer of the Board of Trustees of the University of Illinois be, and he hereby is, authorized to receive and receipt for all moneys, and to endorse all orders, drafts, and checks due and payable to the Board of Trustees or to the University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to the Board of Trustees or to the University of Illinois.

DELEGATION OF SIGNATURES

On motion of Dr. Meyer, the following resolution was adopted:

RESOLVED, that the President and the Secretary of the Board of Trustees of the University of Illinois are authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the State Auditor, and to warrants drawn on the Treasurer of the University, under the following conditions.

The President of the Board of Trustees is authorized to delegate to C. H. Pratt, to L. M. Dahlenburg, and to W. D. Green in Urbana, and to H. A. Hazleton, to G. H. Pontious, and to H. O. Albers in Chicago, to H. R. Kobes and to Mabel F. Meek in Springfield, authority to sign his name as President of the Board of Trustees to vouchers against the State Auditor; and to C. C. DeLong, to H. F. Thornes, and to R. W. Zimmer in Urbana, and to H. A. Hazleton, to G. H. Pontious, and to H. O. Albers in Chicago, authority to sign his name to warrants on the University Treasurer covering vouchers approved in accordance with regulations approved by the Board.

The Secretary of the Board of Trustees is authorized to delegate to Maude Archdeacon and to Helen L. Smith in Urbana, and to G. R. Moon, to Ethel Engeljohn, to Helen Wyle, and to Velma M. Davis in Chicago, authority to sign his name as Secretary of the Board of Trustees to vouchers against the State Auditor and to warrants on the University Treasurer, covering vouchers approved in accordance with regulations of the Board. The Secretary of the Board of Trustees is authorized to delegate to Mrs. Freda M. Hicks and to Lean C. Ryan in Springfield, authority to sign his name as Secretary of the Board of Trustees on vouchers against the State Auditor approved in accordance with the regulations of the Board. And be it further

RESOLVED, that the First National Bank of Chicago as a designated depositary of Irvin L. Porter, Treasurer of this corporation, be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or signers thereof, when bearing or purporting to bear the facsimile signatures of the two following: Kenney E. Williamson, President, and Harrison E. Cunningham, Secretary; and the First National Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means the facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens duly certified to or filed with the First National Bank of Chicago by the Secretary or other officer of this corporation. And be it further

RESOLVED, that the Auditor of Public Accounts is hereby authorized and directed to honor vouchers bearing facsimile signatures of the President and Secretary of the Board of Trustees of the University of Illinois if such facsimile signatures resemble the facsimile specimens duly certified to or filed with the Auditor of Public Accounts by the Secretary.

EXECUTIVE SESSION

MATTERS PRESENTED BY PRESIDENT STODDARD

The Board considered in executive session the following matters presented by the President of the University.

APPOINTMENT OF HEAD OF DEPARTMENT OF HOME ECONOMICS

(1) The Dean of the College of Agriculture recommends the appointment of Dr. Janice M. Smith, who has been serving as Acting Head of the Department of Home Economics, to the position of Professor of Nutrition and Head of the Department of Home Economics on indefinite tenure, effective April 1, 1950, at a salary of $9,000 a year on a twelve months (Y) service basis.

I concur in this recommendation.

On motion of Mrs. Holt, seconded by Mrs. Watkins, this appointment was made as recommended.

FEDERAL FUNDS FOR ADVANCED PLANNING

(2) On January 12, 1950 (Minutes, page 971), the Board of Trustees authorized the Comptroller to submit an application to the General Services Administration of the federal government for a non-interest bearing loan of funds for advanced planning for the following buildings in the order of priority:

Building	*Building Cost*	*Plan and Specification Cost*
Biology Building	$ 5 000 000	$225 000
Pharmacy Building	5 500 000	247 500
Student and Staff Housing	3 000 000	135 000
Law Building	2 300 000	103 500
Psycho-Educational Clinic	1 800 000	81 000
Physics Building Addition	1 200 000	54 000
	$18 800 000	$846 000

The total of $846,000 would provide for the cost of planning, including the preparation of detailed working drawings.

The application has been submitted, and there have been further discussions with representatives of the federal government. The total sum allotted to the state of Illinois to date is only $1,071,000, and applications have been received for more than twice this amount. It is impossible to allocate to the University of Illinois a sum adequate to complete even the plans for the Biology Building.

A plan has been suggested by the General Services Administration wherein the University would receive funds to complete preliminary plans for the Biology Building and for further plans for the Pharmacy Building. The cost of preliminary plans would be approximately $150,000-$175,000 for the two buildings. To receive these funds the University must agree (a) to request the legislature for appropriations for 1951-1953 to construct the buildings and (b) if such appropriations are not received at least in sufficient amount to complete the plans, either to refund the amounts advanced by the federal government or to appropriate from its general funds sufficient funds to complete the plans.

It will be advantageous to complete now the preliminary work on the plans for these buildings so that detailed plans and construction may proceed expeditiously when an appropriation is received. The two buildings involved are in the highest priority of future buildings at the University.

This proposal has been reviewed and approved by the Chairman of the Building Program Committee, the Consulting Architect, the University Architect, and the Comptroller.

I concur and request that the Comptroller be authorized to complete necessary documents to secure the funds from the federal government for preliminary planning for the Biology Building and the Pharmacy Building, including the agreements outlined above.

The Comptroller commented on this matter.

On motion of Mr. Nickell, this recommendation was adopted.

LICENSE OF PRODUCTS OF STREPTOMYCIN

(3) The University is the assignee of an application by Professor Herbert E. Carter of the Department of Chemistry for a patent of processes relating to the degradation products of streptomycin known as streptidine and streptamine. This discovery was the result of research work on antibiotic substances sponsored by the Abbott Laboratories, Eli Lilly and Company, Parke, Davis, and Company, and the Upjohn Company. The discovery was released by the Board of Trustees to Professor Carter on May 29, 1946, assigned by him to Parke, Davis, and Company, and subsequently reassigned by that company to Professor Carter and by him to the University. It was the sponsor's (i.e., Parke, Davis, and Company) wish that the University hold title to any patents secured in the course of research work to avoid any anti-trust suits. The sponsors agreed to pay all costs of securing a patent and, in the event of any law suits, to pay the cost of such litigation. The agreement with Parke, Davis, and Company and the other three sponsors of the research work on antibiotic substances includes a provision that the University shall grant royalty-free, non-exclusive licenses under any patent which may ultimately issue, to Parke, Davis, and Company, Eli Lilly and Company, the Upjohn Company, and the Abbott Laboratories.

In Professor Carter's judgment the patent has no apparent value. It was applied for originally before the chemistry of streptomycin had been elucidated with the idea that simpler derivatives might prove to be of some use clinically. So far no degradation products of streptomycin and no related compounds have shown antibacterial activity. It seems, therefore, very unlikely that the patent, when and if issued, would have any financial value.

Moreover, Merck and Company, Inc., and E. R. Squibb and Sons are assignees of applications for patents in the same field which has created a case of interference. It is possible that Merck and Company, Inc., can obtain the entire patent, since publication dates indicate that their researches were two or three months ahead of Professor Carter's.

It has been proposed by the counsel for Parke, Davis, and Company that this

be resolved by a settlement agreement under which Merck and Company, Inc., E. R. Squibb and Sons, Parke, Davis, and Company, Eli Lilly and Company, the Upjohn Company, and the Abbott Laboratories would each receive a royalty-free, non-exclusive license with the further provision that Merck and Company, Inc., and E. R. Squibb and Sons would each be given the right to grant three royalty-free sub-licenses.

This proposed solution is part of patent agreement among pharmaceutical manufacturers to broaden the availability to the public of the important antibiotic substances. The Dean of the Graduate College and Chairman of the University Research Board is convinced that the public interest will be well served if the Board of Trustees of the University of Illinois enters into such an agreement. The Legal Counsel concurs in this opinion.

I therefore recommend that the Board of Trustees enter into the settlement agreement herein proposed.

On motion of Mrs. Watkins, this agreement was authorized.

EXCHANGE OF LAND WITH MEDICAL CENTER COMMISSION

(4) The Medical Center Commission has suggested an exchange of the property owned by them located at 718 South Hermitage Avenue, Chicago, for property owned by the University of Illinois located at 1745 West Flournoy Street, Chicago.

The property at 1745 West Flournoy Street was purchased in 1922 and has an area of approximately 1,345 square feet. The University has sold the property north of the Union Building to the Cook County Graduate School, and as a result, owns no property contiguous to 1745 West Flournoy Street.

The property owned by the Medical Center Commission at 718 South Hermitage Avenue consists of approximately 3,100 square feet and is adjacent to property now owned by the University of Illinois.

The proposed transfer results in a unification of University property and increases the area owned by the University. Vice-President Ivy, Director Havens, and Comptroller Morey recommend that the transfer be approved.

I concur and request the Board to adopt the attached resolution (see Appendix, page 1061).

Dr. Ivy commented on this matter.

On motion of Mrs. Watkins, the resolution was adopted as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mrs. Holt, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mr. Stevenson.

APRIL MEETING IN SPRINGFIELD

At this point, President Williamson announced that he had received an invitation from Governor Stevenson to hold the next meeting of the Board at the Executive Mansion, in Springfield, on Wednesday, April 19, 1950.

On motion of Mr. Fornof, this invitation was accepted, with appreciation.

RECESS FOR LUNCHEON

At this point, the Board recessed for luncheon. Present as guests of the Board were: Mr. Herbert B. Megran, President of the University of Illinois Foundation, Mr. Fred H. Ebersold, President of the Alumni Association, Mr. William H. Butterfield, Manager of the Foundation, Mr. James C. Colvin, Secretary of the Foundation, and Professor Robert G. Kesel, of the College of Dentistry.

After luncheon, Dr. Kesel reported on the status of his work on the eradication of dental caries.

OPEN SESSION

APPOINTMENTS TO THE FACULTY MADE BY THE PRESIDENT OF THE UNIVERSITY

The Secretary reported that the President has approved the following new appointments to the faculty of the rank of Assistant Professor and above since the previous meeting of the Board of Trustees:

1. MRS. EVELYN M. BROWN, Assistant Professor of Nursing Education, beginning February 1, 1950, without salary.

2. E. ELIZABETH GEIGER, Assistant Professor of Nursing Education, beginning February 1, 1950, without salary.

3. HENRY GLUPKER, Associate Professor of Full and Removable Partial Dentures, beginning March 1, 1950, at an annual salary of $2,500.

On motion of Mr. Herrick, these appointments were confirmed.

MATTERS PRESENTED BY PRESIDENT STODDARD

The Board considered the following matters presented by the President of the University.

REPORT ON THE BETATRON

(1) A report on the placing in commission of the new Betatron.

Dr. Ivy commented on this matter.

This report was received for record.

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

(2) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

CLARENCE BERNARD KNOBBE (Iowa)
GEORGE ENOCH MILLER (Mo.)
EDWIN CROWN NELSON (Calif.)
ROBERT POWER NELSON (Ohio)
WILLIAM LOUIS RABY (Nebr.)
STANLEY EDGAR SHIRK (N.Y.)
ARNOLD REUBEN TERNQUIST (Calif.)
PHILO RALPH ZIMMERMAN (Wash.)
HARRY MARSHALL HOUSE (Mo.)

I concur.

On motion of Mr. Herrick, these certificates were awarded as recommended.

APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(3) I submit the following nominations for reappointments, and one new appointment, to the Board of Directors of the University of Illinois Athletic Association to become effective March 14, 1950, and continuing until the annual meeting of the Board of Trustees in 1951.

Faculty

CHARLES W. SANFORD, Professor of Education and Coordinator of Teacher Education; Associate Dean of the College of Education

PAUL N. LANDIS, Professor of English and Acting Head of the Department

ROBERT G. BONE, Associate Professor of History, Director of the Division of General Studies, and Director of the Division of Special Services for War Veterans

LESLIE A. BRYAN, Professor of Management and Director of the Institute of Aviation (*new appointment*)

Alumni Association

MILTON M. OLANDER, Class of 1922, Manager of Industrial Relations, Owens-Illinois Glass Company, Toledo, Ohio

LAWRENCE A. PETERSON, Class of 1931, Realtor (L. A. Peterson and Company), 1305 Chicago Avenue, Evanston, Illinois
HARRY E. SCHLENZ, Class of 1927, Vice-President of the Pacific Flush Tank Company, 4241 Ravenswood Avenue, Chicago

Director Bryan replaces Professor Frank H. Beach of the Department of Business Organization and Operation who has been on the Board of Directors since March, 1946. All the others are reappointments.

On motion of Mr. Fornof, these directors were appointed as recommended.

SABBATICAL LEAVES OF ABSENCE, 1950-1951

(4) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1950-1951 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the periods indicated.

The programs of research, study, and travel for which these leaves are requested have been examined by the University Research Board which advises the President in such matters. The Research Board's report to the President includes an evaluation of the program in terms of benefits to the University and to the individual.

Leaves of Absence for the Full Academic Year on One-Half Pay

WILLIAM F. ATCHISON, Assistant Professor of Mathematics
ALDEN D. CUTSHALL, Associate Professor of Social Sciences, Chicago Undergraduate Division
SIDNEY M. DANCOFF, Profcssor of Physics
ALAN K. LAING, Professor of Architecture
ROSE B. PHELPS, Associate Professor of Library Science
CHESTER G. STARR, Associate Professor of History, with the option of changing to leave for the first semester on full pay (Professor Starr has applied for a Guggenheim fellowship. If he is not awarded the fellowship, he desires leave for the first semester on full pay.)
CLARETA WALKER, Assistant Professor of Home Economics

Leaves of Absence for One-Half Year on Full Pay

HARRY W. ANDERSON, Professor of Plant Pathology, second semester
HAROLD E. BABBITT, Professor of Sanitary Engineering, first semester
JOHN F. BELL, Professor of Economics, second semester
CHARLES E. BRADBURY, Professor of Art, second semester
PAUL D. CONVERSE, Professor of Marketing (Department of Business Organization and Operation) and Research Professor of Marketing (Bureau of Economic and Business Research), second semester
CHRISTOPHER U. FAYE, Bibliographic Consultant and Cataloger in the Library, with rank of Assistant Professor, first semester
RALPH C. HAY, Associate Professor of Soil Conservation (Department of Agricultural Engineering) and Executive Secretary, State Soil Conservation Districts Board, six months from January 1, 1951
HAROLD N. HAYWARD, Associate Professor of Electrical Engineering, first semester
MIMI I. JEHLE, Assistant Professor of German, first semester
JOHN P. MCCOLLUM, Associate Professor of Vegetable Crops, second semester
JOHN L. PAGE, Associate Professor of Geography, first semester
B. OTHANEL SMITH, Professor of Education, first semester
RUSSELL N. SULLIVAN, Professor of Law, first semester
LYELL J. THOMAS, Professor of Zoology, second semester
ERNEST D. WALKER, Extension Soil Conservationist and Associate Professor of Agronomy, six months from March 1, 1951
HERBERT WOODROW, Professor of Psychology and Head of Department, first semester

Leave of Absence for One-Half Year on One-Half Pay

MAX H. FISCH, Professor of Philosophy, first semester, with additional leave for second semester without pay

The total number of leaves recommended is twenty-four; twenty-nine were approved for the year 1949-1950.

On motion of Mr. Fornof, these leaves were granted as recommended.

RELEASE OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

(5) The Governor has approved the following release of funds from appropriations made to the University of Illinois for 1949-1951 for buildings and other capital improvements:

Release No. 19

"For Permanent Improvements at Chicago Construction of Addition to Present Hospital.....$ 103 613"

This is a partial release from an appropriation of $7,395,000. The Governor has previously released (Releases No. 8, 15, and 17) $6,176,895.18 from this appropriation. The funds now released are for the purchase and installation of X-ray equipment, as authorized by the Board on February 16, 1950.

Release No. 20

"For Permanent Improvements at Urbana-Champaign Construction of Veterinary Science Unit.....$1 270 000"

This is a partial release from an appropriation of $1,560,000. The Governor has previously released (Release No. 7) $40,000 for architectural and engineering services on the Veterinary Science Building. The funds now released are for the construction of the Veterinary Science Building, contracts for which were authorized by the Board on February 16, 1950.

Release No. 21

"For Contingencies to Cover Expenditures for Purposes for which the Amount Appropriated in any Item Above Enumerated is, or becomes, Insufficient.....$ 97 790"

This is a partial release (the third) from an appropriation of $550,000. It will supplement the appropriation for "Construction of Utility Distribution System and Remodeling of Existing Buildings" and will be used for the remodeling of the Department of Biological Chemistry in the Medical and Dental College Laboratories Building.

Release No. 22

"For Contingencies to Cover Expenditures for Purposes for which the Amount Appropriated in any Item Above Enumerated is, or becomes, Insufficient.....$ 2 210"

This is a partial release (the fourth) from an appropriation of $550,000. It is to supplement the appropriation for "Equipment for buildings at Urbana-Champaign and Chicago" and is to be used for movable equipment for the Department of Biological Chemistry in the College of Medicine.

I recommend that these funds be appropriated for the purposes indicated.

On motion of Mrs. Holt, these funds were appropriated as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mrs. Holt, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mr. Stevenson.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(6) The Committee on Nonrecurring Appropriations recommends assignments from the General Reserve Fund for the following purposes:

1. Collections of books and periodicals for the University Library.....$20 782
2. Publication of College of Fine and Applied Arts Bulletin..... 4 250
3. Speech and Hearing Clinic equipment for the College of Liberal Arts and Sciences 3 231

4. Purchase of microscopes for the College of Pharmacy	8 250
5. Fixed equipment for the Sanitary Engineering Laboratory of the College of Engineering	4 000
6. Remodeling of 265 Electrical Engineering Building to house network analyzer	3 500
7. Building improvements at Dixon Springs Experiment Station	16 000
8. Replacement of cars for College of Agriculture	15 000
9. Remodeling of building on McCullough Farm for Veterinary Research	5 000
10. Forest plantation on McCullough Farm	3 500
11. Storage building for volatile liquids for Business Office (Purchasing Division)	9 575
12. Remodeling of quarters for Office of Nonacademic Personnel	2 550
Total	$95 638

I concur.

These proposed improvements have been carefully studied by the Committee on Nonrecurring Appropriations. Its reports giving details of the reasons for these improvements are submitted herewith.

On motion of Mrs. Watkins, these funds were appropriated as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mrs. Holt, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mr. Stevenson.

CONTRACT FOR PAVING OF TERRACES AT LINCOLN AVENUE RESIDENCE

(7) The Director of the Physical Plant and the Comptroller recommend award of a contract for $12,254 to C. A. Petry and Sons, Champaign, the lowest bidder, for the construction of paved terraces on either side of the front entrance to the Lincoln Avenue Residence. This is a part of the original plans for the building but was not included in previous construction contracts. Funds are available.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Fornof, this contract was authorized as recommended.

CONTRACT FOR CLEANING AND TUCK POINTING WALLS OF CHICAGO PROFESSIONAL COLLEGES BUILDINGS

(8) The Director of the Physical Plant and the Comptroller recommend award of a contract for $7,395 to Herman E. Iverson, Chicago, the lowest bidder, for cleaning and tuck pointing the exterior walls of the Medical, Dental, Orthopaedic, and the Illini Union Buildings of the Chicago Professional Colleges. This is necessary maintenance work to keep the buildings in good condition. Funds are available in the Physical Plant Department budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Holt, authority was given as recommended.

CONTRACTS FOR ALTERATIONS IN UTILITIES DISTRIBUTION SYSTEM AT THE CHICAGO PROFESSIONAL COLLEGES

(9) The Director of the Physical Plant and the Comptroller recommend award of contracts for alterations in the utilities distribution system at the Chicago Professional Colleges as follows:

E. P. Allison and Company, Chicago $5 600

For alterations in electrical supply lines to the Illinois Surgical Institute, or Orthopaedic Building, of the Research and Educational Hospitals. The work will include replacement of present lines due to overload; a new combination power and light distribution center; conversion of

two risers from single to three phase; and installation of new circuit breaker type cutout cabinets.

B-H Electric Company, Chicago..... 6 497
For alterations in electrical supply lines to the Research Laboratory and Library Unit of the Medical and Dental College Laboratories Building. The work will include installation of new three-phase, four-wire service feeder line of sufficient capacity to service general light and power loads; installation of new service and distribution panel; replacement of existing three-wire riser with four-wire riser; and replacement of six panels with three-phase four-wire circuit breaker type panels. These alterations are necessary to eliminate the existing overload.

Both companies are the low bidders on these installations.

I recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts when funds have been released by the Governor from the State appropriation for "Construction of Utility Distribution System and Remodeling of Existing Buildings" ("Permanent Improvements at Chicago").

On motion of Mrs. Watkins, authority was given as recommended.

CHANGES IN CONTRACTS FOR CONSTRUCTION OF RESEARCH AND EDUCATIONAL HOSPITALS ADDITION

(10) The Director of the Physical Plant and the Comptroller recommend the following additions to contracts for the construction of the addition to the Research and Educational Hospitals. These changes are to provide for the relocation of the Manufacturing Pharmacy. Construction of the new addition will require wrecking of space now occupied by the Manufacturing Pharmacy.

General work — Patrick Warren Construction Company, Chicago.....$1 243 00
Plumbing — Economy Plumbing and Heating Company, Chicago..... 7 778 47
This work will be performed on a labor and materials basis not to exceed an estimated $6,321.39, plus fees of 15 per cent for overhead and 7 per cent for profit, total estimated cost $7,778.47; overhead, profit, and insurance will be adjusted on the basis of the final cost of labor and materials.

Heating and ventilating — Bloomer Heating and Ventilating Co., Chicago..... 2 146 00

Funds are available in the State appropriation for the construction of the addition to the Research and Educational Hospitals for these changes.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these change orders.

On motion of Mr. Herrick, authority was given as recommended.

ADDITION TO GENERAL CONTRACT FOR CONSTRUCTION OF STUDENT AND STAFF APARTMENTS

(11) On February 16, 1950 (Minutes, page 997), the Board of Trustees approved an increase in the general contract for the construction of the original buildings of the Student and Staff Apartments to provide for replacement of tracks on all wardrobe sliding doors, which have been found unsatisfactory, with new tracks, rollers, and door guides of the overhead installation type. A similar change is recommended in the specifications for installations of wardrobe doors in the second six-story building now under construction.

The Director of the Physical Plant and the Comptroller recommend an increase of $2,432 in the general work contract with Kuhne-Simmons Company, Inc., to provide for this change. Funds are available. I concur and recommend that the Comptroller be authorized to execute this addition to the contract.

On motion of Mrs. Holt, authority was given as recommended.

COMPTROLLER'S REPORT OF CONTRACTS

(12) The Comptroller's report of contracts and leases executed and adjustments made from January 11 to February 28, 1950 (see Appendix, page 1062).

This report was received for record.

PURCHASES RECOMMENDED

(13) The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of the lowest bid (see Appendix, page 1063).

I concur.

On motion of Mr. Fornof, these purchases were authorized as recommended.

REPORT OF EMERGENCY PURCHASES OF COAL

(14) As a result of the coal strike, on October 25, 1949, the Board of Trustees authorized the President of the Board and the Comptroller to approve emergency purchases of coal at the best price obtainable by the Director of Purchases. Following is a report of such purchases made since the last Board meeting on February 16, 1950:

Urbana-Champaign	*Price (f.o.b. mine)*	*Freight*	*Total*
Taylor-English Coal Co., Danville			
One car per day (600 tons) 1¼ x ¼" re-screened screenings			
Per ton	$ 4 60	$ 99	$ 5 59
Total	2 760 00	594 00	3 354 00
Capitol Coal Co., St. Louis, Missouri			
Ten cars (500 tons) ½ x 28" mixed washed screenings and ½ x 0" raw screenings			
Per ton	6 00	2 70	8 70
Total	3 000 00	1 350 00	4 350 00
Haddaway Coal Co., St. Louis, Missouri			
150 cars (7,500 tons) 1½" screenings to be shipped one car per day 3/1–8/31/50			
Per ton	3 60	2 64	6 24
Total	27 000 00	19 800 00	46 800 00
Total	$32 760 00	$21 744 00	$54 504 00

SUMMARY OF EMERGENCY COAL PURCHASED
OCTOBER 24, 1949, TO MARCH 1, 1950

Total Purchases	22264.28 Tons	$142 851 24
Average Cost Per Ton	$6.416	
Contract Price	4.99	
Excess Over Contract Price Per Ton	$1.426	
Total Excess		$31 748 86

The Provost and the Comptroller commented on this matter.

President Williamson expressed the appreciation of the Board for the excellent work of the Provost and other officers in the emergency.

CONTRACT FOR POWER PLANT ADDITION

(15) The Director of the Physical Plant and the Comptroller recommend award of a contract for $114,665 to Kuhne-Simmons Company, Inc., Champaign, the lowest bidder, for construction of the addition to the Abbott Power Plant. This contract will cover the superstructure and erection of structural steel (which has been purchased separately) for an additional turbine room. Funds are available in the State appropriation for 1949-1951 for "Additions to Power and Heating Plant and Remodeling of Existing Buildings" ("For Permanent Improvements at Urbana-Champaign").

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract subject to the release of funds by the Governor.

On motion of Mrs. Watkins, authority was given as recommended.

FRANK HENDERSON SIMPSON

Mr. Fornof presented the following:

The Honorable Frank Henderson Simpson was born in Vincennes, Indiana, December 6, 1870, and died in Flora, Illinois, March 3, 1950.

Educated in the public schools of Washington, D.C., Mr. Simpson engaged in fruit growing in Illinois in 1890. He organized the F. H. Simpson Company in 1913, which became a large business in wholesale fruit marketing and distribution. He was active in banking and financial circles in Flora, Illinois, and was chairman of the Republican County Central Committee from 1922 to 1930. He was a member and past president of the International Apple Association, a member of the Presbyterian Church, and a thirty-second degree Mason.

Mr. Simpson was appointed by Governor Len Small in November, 1928, to fill a vacancy on the Board of Trustees. He served with distinction until March, 1931. He was chairman of the Committee on Engineering, and member of the committees on agriculture, buildings and grounds, finance, and physical education. His interest, his wisdom, and his integrity made him a valuable member of the Board. He was elected to serve from January to March, 1931, as President *pro tempore* of the Board during the absence from the State of President Barr. He was noted for his loyalty and his charming and friendly personality.

Mr. Simpson is survived by his widow, a daughter (Mrs. Doris S. Holt, a member of the present Board of Trustees), a granddaughter, and a great-grandson. The sympathy of the Board goes out to them in their sorrow.

On motion of Mr. Fornof, this memorial was adopted and the Secretary was directed to send a copy to Mr. Simpson's family.

Mrs. Holt expressed her great appreciation of the flowers sent by the Board and of this memorial.

TESTIMONIAL TO ROGER ADAMS

On request of President Williamson, the Secretary read the following:

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
TO ROGER ADAMS
GREETINGS AND CONGRATULATIONS!

Your election to the Presidency of the American Association for the Advancement of Science is a merited recognition of your eminent scientific attainments and of your services to the nation in two wars and in peace.

In giving you this token of its great appreciation, the Board of Trustees extends to you all good wishes for a fruitful and happy future.

KENNEY E. WILLIAMSON
President of the Board of Trustees

GEORGE D. STODDARD
President of the University

HARRISON E. CUNNINGHAM
Secretary of the Board

[Seal]

APPOINTMENT OF FACULTY REPRESENTATIVE TO CONFERENCE

President Stoddard reported the appointment of Dean Robert B. Browne as faculty representative in the Intercollegiate Conference of Faculty Representatives.

SECRETARY'S REPORTS

The Secretary reported the following lists for record, as printed in the Appendix.

1. Appointments made by the President of the University (page 1053).
2. Graduate fellows (page 1055).
3. Resignations and cancellations (page 1055).
4. Leaves of absence (page 1056).
5. Salary adjustments, College of Agriculture (page 1056).

The Board adjourned.

H. E. CUNNINGHAM
Secretary

KENNEY E. WILLIAMSON
President

APPENDIX

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. Part-time appointments are shown by fractions after the name of the department. C = College; S = Station; E = Extension.)

BAUMANN, EDWARD R., Special Research Associate, Civil Engineering (S), seven months beginning February 1, 1950, $5000 a year, supersedes (3-8-50).

BETTS, JANE B., Assistant, Art, February 1-June 15, 1950, $1200, supersedes (3-2-50).

BIXENSTINE, VERTUS E., Personnel Technician, Student Counseling Bureau, February 8-August 31, 1950, $2800 a year (2-23-50).

BLOSS, FRED D., Instructor, Physical Sciences (Undergraduate Division in Chicago) (⅓), five months beginning February 1, 1950, to render service during the second semester of the academic year, $110 a month (3-2-50).

BROWN, EDWARD L., Special Research Assistant, Psychology (Graduate College), February 15-June 30, 1950, $350 a month, supersedes (2-17-50).

BROWN, MRS. EVELYN M., Assistant Professor of Nursing Education, Associate Director in Charge of Nursing Education, in the University of Illinois-Cook County School of Nursing, seven months beginning February 1, 1950, without salary (2-16-50).

BROWN, JAMES G., Clinical Assistant, Obstetrics and Gynecology (Medicine), six months beginning January 1, 1950, without salary (2-23-50).

BURSTONE, MARVIN S., Research Associate, Oral Pathology (Dentistry), one year beginning July 1, 1950, $5000 (3-8-50).

BUSER, JULIAN W., Clinical Assistant, Medicine (Medicine), seven months beginning February 1, 1950, without salary (3-1-50).

CROSS, JAMES H., Clinical Assistant, Surgery (Medicine), seven months beginning February 1, 1950, without salary (3-2-50).

DOTSON, MRS. FRANCES S., Research Assistant, Mechanical Engineering (C) (55/100), Bureau of Economic and Business Research (45/100), seven months beginning February 1, 1950, $3000 a year, supersedes (3-1-50).

DOTY, PAUL C., Special Research Assistant, Soil Fertility (Agronomy) (S), February 15-August 31, 1950, $3400 a year, supersedes (3-1-50).

DRAWVER, PAULINE, Assistant, English, February 1-June 15, 1950, $1250 (2-23-50).

EVERSON, TILDEN C., Instructor, Surgery (Medicine) (½), three months beginning January 1, 1950, $216.66 a month, supersedes (3-8-50).

FAIRBANKS, GRANT, Professor, Speech, indefinite tenure beginning June 1, 1950, $10,000 a year, supersedes (3-8-50).

FARLEY, DEANE M., Clinical Assistant, Obstetrics and Gynecology (Medicine), six months beginning January 1, 1950, without salary (2-23-50).

GAFFRON, MARIE E., Instructor, Education (½), five months beginning February 1, 1950, to render service during the second semester of the academic year, $200 a month (2-17-50).

GEIGER, E. ELIZABETH, Assistant Professor of Nursing Education, Director of the University of Illinois-Cook County School of Nursing, seven months beginning February 1, 1950, without salary (2-16-50).

GLUPKER, HENRY, Associate Professor, Full and Removable Partial Dentures (Dentistry), and Division of Services for Crippled Children (¼), six months beginning March 1, 1950, $2500 a year (3-8-50).

GRIM, R. E., Research Professor, Geology, indefinite tenure beginning September 1, 1950, to render service during each academic year, $8500 a year (2-21-50).

HAUG, ELSIE, Instructor, Psychiatry (Medicine) (¼), eight months beginning January 1, 1950, $1500 a year, supersedes (3-1-50).

HODGE, GEORGE M., JR., Assistant, Architecture, February 1-June 15, 1950, $266.66 a month, supersedes (3-8-50).

HOGG, MALCOLM W., Assistant Professor, Economics, two years beginning September 1, 1951, to render service during each academic year, $5000 a year (3-3-50).

HOROWITZ, RACHEL L., Research Assistant, Physiology (Medicine), February 7-September 14, 1950, $2700 a year (3-2-50).

KELL, W. G., Instructor, Accountancy (Business Organization and Operation) (¾), six months beginning March 1, 1950, to render service during the academic year, $1275, supersedes (3-8-50).

KERR, DOUGLAS W., Research Assistant Professor, Applied Materia Medica and Therapeutics (Dentistry), ten months beginning September 1, 1949, $8000 a year, supersedes (3-8-50).

KNOCK, FRANCES E., Research Associate, Pharmacology (Medicine), January 15-August 31, 1950, $6000 a year, supersedes (3-2-50).

KONECNY, ANTHONY R., Assistant, Mechanical Engineering (C), February 1-June 15, 1950, $288.89 a month (2-27-50).

LOOBY, WILLIAM E., Clinical Instructor, Surgery (Medicine), seven months beginning February 1, 1950, without salary, supersedes (2-17-50).

MARIENFELD, CARL, Instructor, Pediatrics (Medicine) (½), seven months beginning February 1, 1950, $3000 a year, supersedes (3-2-50).

MARKSBERRY, MARY L., Research Assistant, Provost's Office, February 15-August 31, 1950, $350 a month (2-23-50).

MOELLER, ARNOLD N., Assistant, Dairy Science (C & S), seven months beginning February 1, 1950, $3000 a year, supersedes (2-23-50).

MORTLAND, MAX M., Assistant, Soil Physics (Agronomy) (S) (½), February 15-June 10, 1950, $158.33 a month, on full time, June 11-August 31, 1950, $316.66 a month, supersedes (3-1-50).

MURPHY, SPENCER L., JR., Instructor, Spanish, seven months beginning February 1, 1950, to render service during the second semester of the academic year, $1600, supersedes (2-17-50).

O'KELLY, L. I., Professor, Psychology (⅚), indefinite tenure beginning March 1, 1950, to render service during the academic year, $5000 a year, supersedes (2-17-50).

PATTERSON, CHARLES I., Instructor, English, six months beginning March 1, 1950, to render service during the second semester of the academic year, $1650, supersedes (2-17-50).

PLUMMER, RAYMOND B., Special Research Associate, Civil Engineering (S) (¼), seven months beginning February 1, 1950, $1125 a year (3-1-50).

ROACH, CAROL R., Assistant, Speech, February 1-June 15, 1950, $1200, supersedes (2-23-50).

ROSS, MRS. DOROTHY R., Instructor, Clinical Speech (Otolaryngology) (Medicine) (½), nine months beginning December 1, 1949, $2100 a year (2-21-50).

SCHWARTZ, ELIZABETH, Circulation Assistant, Library, February 7-August 31, 1950, $3500 a year (3-1-50).

SHERE, MARIE O., Instructor, Speech, Supervisor of Organic and Articulatory Disorders (¾), six months beginning March 1, 1950, to render service during the second semester of the academic year, $1406.25, supersedes (2-23-50).

SMITH, ALBERT W., Flight Instructor, Institute of Aviation, February 15-August 31, 1950, $3850 a year (2-23-50).

SMITH, JAMES F., Special Research Assistant, Psychology (Graduate College), February 15-June 30, 1950, $350 a month, supersedes (2-27-50).

SMITH, P. B., Special Research Assistant, Physics (C), seven months beginning February 1, 1950, $3240 a year, supersedes (3-1-50).

SOMERS, PAUL P., Assistant Professor, Dairying Research (Dairy Science) (S), eight months beginning January 1, 1950, $4800 a year, supersedes (2-23-50).

STEINER, GILBERT Y., Instructor, Political Science (⅕), Research Assistant, Institute of Labor and Industrial Relations (⅘), seven months beginning February 1, 1950, $3700 a year, supersedes (2-23-50).

STOLTEY, MRS. MARGARET C., Instructor, Education (¾), five months beginning February 1, 1950, to render service during the second semester of the academic year, $1500 (3-1-50).

STRICKFADEN, MARY K., Counselor, University Council on Teacher Education (⅓), February 12-June 15, 1950, $600 (2-23-50).

THOM, KATHLEEN J., Instructor, Biological Sciences (Undergraduate Division in Chicago), seven months beginning December 1, 1949, to render service during the academic year, $320 a month (3-2-50).

VAN NORDEN, FLORENCE J., Instructor, Agricultural Engineering (E), five months beginning February 1, 1950, $4000 a year (2-17-50).

VICK, MARY E., Instructor, Institution Management (Home Economics) (C), January 15-July 31, 1950, to render service during the academic year, $3600 a year (2-23-50).

WULFF, VERNER J., Assistant Professor, Physiology, March 1, 1950-August 31, 1951, to render service during each academic year, $4250 a year, supersedes (3-3-50).

ZIMMERMAN, WILLIAM F., Special Research Assistant, Ceramic Engineering (S), February 20-August 31, 1950, $3500 a year (3-1-50).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

GREENBERG, RICHARD A., Fellow, Bacteriology, February 15-June 30, 1950, $540 (3-3-50).

KAO, RICHARD CHIEN-WEN, Fellow, Agricultural Economics, February 1-June 15, 1950, $425 (3-3-50).

NAKAMURA, TAKASHI, Fellow, Civil Engineering, February 1-June 15, 1950, $350 (2-10-50).

PRINTY, GLENN E., Swift and Company Fellow, Entomology, one year beginning February 15, 1950, $1500 (2-7-50).

SCOTT, EARLE S., Fellow, Chemistry, February 1-June 15, 1950, $675 (3-3-50).

SEIDENBERG, MORRIS, Fellow, Bacteriology, February 15-June 30, 1950, $540 (3-3-50).

WANG, TAI-KIANG, Fellow, Bacteriology, seven months beginning February 1, 1950, $1050 (2-14-50).

RESIGNATIONS AND CANCELLATIONS

BAULEKE, MAYNARD P., Special Research Assistant, Ceramic Engineering (S) — resignation effective 2-13-50.

BENFORD, M. C., Instructor, Ophthalmology (Medicine) — cancellation effective 9-1-49.

BROWN, ROWINE H., Clinical Instructor, Pediatrics (Medicine) — resignation effective 2-1-50.

BUCKLEY, HARRY A., Professor, Military Science and Tactics — resignation effective 3-1-50.

CLARK, WILLIAM C., Assistant, Physiology (Graduate College) — resignation effective 6-16-50.

COHLMEYER, R. C., Assistant, Agricultural Engineering (S) — resignation effective 4-1-50.

EVERSON, T. C., Clinical Instructor, Surgery (Medicine) — cancellation effective 9-1-49.

FARRIS, PAUL L., Harry G. and Harriette A. Wright Fellow, Agricultural Economics — resignation effective 1-31-50.

FRANCIS, F. C., Assistant Professor, Animal Science (C & S) — resignation effective 3-1-50.

GRAFFIN, JACK W., Clinical Assistant, Dermatology (Medicine) — cancellation effective 9-1-49.

HEIMBURGER, ROBERT F., Clinical Assistant, Neurosurgery (Neurology and Neurological Surgery) (Medicine) — cancellation effective 9-1-49.

HOGG, MALCOLM W., Assistant Professor, Economics — resignation effective 3-1-50.

HUA, L. K., Visiting Professor, Mathematics — cancellation effective 9-1-50.

JORANSON, ROBERT E., Clinical Assistant, Medicine (Rush) (Medicine) — cancellation effective 9-1-49.

LEVINE, SEYMOUR, Instructor, Bacteriology (Medicine) — cancellation effective 9-1-49.

MILLS, FREDERICK E., III, Fellow, Physics — resignation effective 2-1-50.

PALEVSKY, HARRY, Special Research Assistant, Physics (C) — resignation effective 3-1-50.

PETERSON, ERIC, Research Associate, Psychiatry (Medicine) — resignation effective 12-31-49.

PILLING, WARREN C., Clinical Assistant, Medicine (Rush) (Medicine) — cancellation effective 9-1-49.

REESE, H. E., Instructor, Business Law (Business Organization and Operation)—resignation effective 3-1-50.

SCHILLERSTROM, MRS. ALICE G., Assistant, Institute of Aviation—resignation effective 3-1-50.

TERRY, ELLEN A., Counselor, University Council on Teacher Education—resignation effective 2-11-50.

WATT, LUCILLE, Clinical Instructor, Anesthesia (Rush) (Surgery) (Medicine)—cancellation effective 9-1-49.

YEN, ANDREW T. S., Special Postdoctoral Fellow, Ceramic Engineering—resignation effective 2-18-50.

YOUMANS, JOHN B., Professor, Medicine (Medicine), Dean of the College of Medicine, Medical Director of the University of Illinois Hospitals, and of the Illinois Eye and Ear Infirmary—resignation effective 3-1-50.

LEAVES OF ABSENCE

GOBLE, GEORGE W., Professor, Law—leave of absence, with salary, March 1-August 31, 1950.

GREEN, PAUL M., Professor, Management (Business Organization and Operation)—leave of absence, without salary, March 1-August 31, 1950.

MANDEVILLE, M. J., Associate Professor, Management (Business Organization and Operation)—leave of absence, without salary, March 1-August 31, 1950.

RICHART, F. E., Research Professor, Engineering Materials (C & S)—leave of absence, with salary, March 1-August 31, 1950, without salary, September 1, 1950—until able to return or retire.

RUBINSTEIN, MRS. HARRIET K., Instructor, Biological Sciences (Undergraduate Division in Chicago)—leave of absence, without salary, December 11, 1949-August 31, 1950.

SALARY ADJUSTMENTS, COLLEGE OF AGRICULTURE

The Provost, acting for the President, on March 1, 1950, approved the following salary adjustments in the College of Agriculture on account of Y status, effective as of September 1, 1949.

Administration

Name	*Tenure*	*Salary Approved*	
H. W. Bean	C-BY25	$1 675	
	S-BY75	5 025	$6 700
Hadley Read	C-BY20	1 280	
	S-BY18	1 120	
	E-BY62	4 000	6 400
A. W. Janes	S-DY68	3 400	
	S-DY32	1 600	5 000
Margaret P. McGlothlin	S-DY50		2 100
C. D. Smith	C-BY		6 000

Vocational Agriculture

Melvin Henderson	C-AY		6 700
H. J. Rucker	C-BY		5 500
W. H. Witt	C-BY		5 500

Dixon Springs

R. J. Webb	S-AY66	4 950*	
	S-AY24	1 800	
	E-AY10	750	7 500*
W. R. Boggess	S-AY33	2 030	
	S-AY67	4 070	6 100
J. M. Lewis	S-BY		4 750*

* With perquisites valued at $300, for the convenience of employee.

Name	*Tenure*	*Salary*	*Approved*
G. E. McKibben	S-BY75	3 750*	
	E-BY25	1 250	5 000*
Agricultural Economics			
C. L. Stewart	C-AY65	5 200	
	S-AY35	2 800	8 000
L. J. Norton	C-AY50	4 750	
	S-AY50	4 750	9 500
R. C. Ross	C-AY65	4 680	
	S-AY35	2 520	7 200
R. W. Bartlett	C-AY20	1 500	
	S-AY80	6 000	7 500
J. B. Andrews	S-AY50	3 700	
	E-AY50	3 700	7 400
J. E. Wills	C-AY20	1 400	
	S-AY48	3 350	
	E-AY32	2 250	7 000
E. H. Regnier	C-AY26	1 750	
	E-AY74	5 000	6 750
L. F. Stice	E-AY42	2 750	
	E-AY31	2 000	
	E-AY27	1 750	6 500
L. H. Simerl	E-AY		6 500
A. T. Anderson	E-BY		6 000
G. B. Whitman	E-BY		5 800
W. J. Wills	C-BY20	980	
	S-BY60	2 920	
	S-BY20	1 000	4 900
Agricultural Engineering			
D. G. Carter	C-AY30	2 775	
	S-AY70	6 475	9 250
R. C. Hay	C-AY20	1 360	
	S-AY80	5 440	6 800
F. W. Andrew	E-BY		5 200
J. G. Andros	E-BY		4 800
H. P. Bateman	S-DY		4 200
J. H. Ramser	C-DY20	900	
	S-DY80	3 600	4 500
W. F. Lytle	C-DY20	840	
	S-DY80	3 360	4 200
J. O. Curtis	C-DY40	1 720	
	S-DY60	2 580	4 300
R. W. Mowery	C-DY40	1 640	
	S-DY60	2 460	4 100
Agronomy			
F. C. Bauer	C-AY20	1 850	
	S-AY80	7 400	9 250
J. C. Hackleman	E-AY		8 000
C. M. Woodworth	C-AY33	2 830	
	S-AY67	5 670	8 500
G. H. Dungan	C-AY55	4 240	
	S-AY45	3 510	7 750

* With perquisites valued at $120, for convenience of employee.

Name	*Tenure*	*Salary*	*Approved*
Benjamin Koehler	C-AY20	1 500	
	S-AY80	6 000	7 500
R. H. Bray	C-AY20	1 550	
	S-AY80	6 200	7 750
O. T. Bonnett	C-AY25	1 875	
	S-AY75	5 625	7 500
J. E. Gieseking	C-AY20	1 500	
	S-AY80	6 000	7 500
R. W. Jugenheimer	C-AY25	1 875	
	S-AY75	5 625	7 500
A. L. Lang	S-AY		7 500
R. F. Fuelleman	C-AY25	1 875	
	S-AY75	5 625	7 500
E. D. Walker	E-AY		6 200
L. T. Kurtz	C-AY20	1 260	
	S-AY80	5 040	6 300
S. W. Melsted	S-AY		6 120
R. T. Odell	C-AY20	1 500	
	S-AY80	6 000	7 500
E. B. Earley	C-AY20	1 250	
	S-AY80	4 950	6 200
R. S. Stauffer	C-AY33	2 020	
	S-AY67	4 100	6 120
H. J. Snider	S-BY		5 250
H. L. Wascher	S-BY		5 800
L. B. Miller	S-BY		5 200
C. H. Farnham	S-BY		5 500
A. U. Thor	E-BY		5 500
R. O. Weibel	S-BY		5 600
W. F. Purnell	E-BY55	3 050	
	S-BY45	2 450	5 500
W. O. Scott	E-BY		5 100
E. R. Leng	C-BY20	1 040	
	S-BY80	4 160	5 200
F. W. Slife	C-DY40	1 680	
	S-DY60	2 520	4 200
J. W. Pendleton	S-DY61	2 440	
	S-DY39	1 560	4 000
Animal Science			
Elmer Roberts	C-AY33	2 700	
	S-AY43	3 500	
	S-AY24	2 000	8 200
Sleeter Bull	C-AY40	3 200	
	S-AY38	3 000	
	S-AY22	1 800	8 000
R. R. Snapp	C-AY40	3 280	
	S-AY60	4 920	8 200
T. S. Hamilton	C-AY40	3 700	
	S-AY48	4 470	
	S-AY12	1 080	9 250
J. L. Krider	C-AY45	3 690	
	S-AY55	4 510	8 200
H. G. Russell	E-AY		7 500

Name	*Tenure*	*Salary*	*Approved*
H. M. Scott	C-AY40	3 280	
	S-AY60	4 920	8 200
B. C. Johnson	C-AY20	1 300	
	S-AY80	5 200	6 500
A. V. Nalbandov	C-AY20	1 300	
	S-AY80	5 200	6 500
C. W. Crawford	C-BY50	2 750	
	S-BY50	2 750	5 500
S. F. Ridlen	E-BY		5 750
Marian F. James	S-BY		4 900
W. T. Haines	S-DY57	2 700	
	S-DY43	2 000	4 700
Dairy Science			
W. W. Yapp	C-A50	3 600	
	S-AY50	4 400	8 000
C. S. Rhode	E-AY		8 000
K. E. Gardner	C-AY40	2 560	
	S-AY60	3 840	6 400
W. O. Nelson	C-BY60	3 240	
	S-BY40	2 160	5 400
K. E. Harshbarger	C-BY60	3 300	
	S-BY40	2 200	5 500
M. H. Alexander	C-BY40	2 060	
	S-BY60	3 090	5 150
K. A. Kendall	C-BY40	2 060	
	S-BY60	3 090	5 150
Food Technology			
P. H. Tracy	C-AY25	2 250	
	S-AY47	4 250	
	C-AY28	2 500	9 000
E. O. Herreid	C-AY40	2 960	
	S-AY60	4 440	7 400
S. L. Tuckey	C-AY20	1 320	
	S-AY80	5 280	6 600
R. M. Whitney	S-AY		6 300
Forestry			
R. W. Lorenz	S-AY		6 900
W. R. Boggess	S-AY67	4 070	
	S-AY33	2 030	6 100
W. F. Bulkley	E-DY66	3 080	
	E-DY34	1 620	4 700
B. F. Kent	E-DY		4 300
Home Economics			
Mrs. Kathryn V. Burns	C-AY21	1 680	
	E-AY79	6 320	8 000
Grace B. Armstrong	E-AY		6 150
Mary L. Chase	E-AY		6 150
Edna R. Gray	E-BY		5 550
Gladys J. Ward	E-BY		5 250
Mrs. Ruth C. Freeman	S-BY31	1 500	
	E-BY69	3 400	4 900

Name	*Tenure*	*Salary Approved*	
Mary A. McKee	E-BY		5 100
Mrs. Mary S. Ligon	E-BY		4 900
Florence A. Kimmelshue	E-BY		4 900
Gertrude E. Kaiser	E-BY		4 900
Beula McKey	S-BY82	4 000	
	S-BY18	900	4 900
Erma Cottingham	E-DY		4 650
Helen E. McCullough	S-DY		4 400
Frances E. Cook	E-DY		4 350
Catherine Sullivan	E-DY51	2 150	
	E-DY49	2 100	4 250
Lucile Hieser	E-DY		4 650
Mrs. Royene F. Owen	C-DY38	1 400	
	S-DY62	2 300	3 700
Horticulture			
H. W. Anderson	C-AY45	3 600	
	S-AY55	4 400	8 000
W. A. Huelsen	C-AY30	2 250	
	S-AY70	5 250	7 500
A. S. Colby	C-AY45	3 330	
	S-AY55	4 070	7 400
R. V. Lott	C-AY30	1 890	
	S-AY70	4 410	6 300
F. F. Weinard	C-AY45	2 840	
	S-AY55	3 460	6 300
H. H. Thornberry	C-AY20	1 220	
	S-AY80	4 880	6 100
J. P. McCollum	C-AY40	2 460	
	S-AY60	3 690	6 150
Dwight Powell	C-BY39	2 600	
	S-BY61	4 000	6 600
C. J. Birkeland	C-BY40	3 000	
	S-BY60	4 500	7 500
M. B. Linn	C-BY20	1 400	
	S-BY80	5 600	7 000
L. A. Somers	E-BY		5 000
J. R. Culbert	C-BY50	2 400	
	S-BY50	2 400	4 800
State Agricultural Extension			
O. L. Whalin	AY39	2 450	
	AY61	3 900	6 350
Margery E. Suhre	DY		4 450
Jessie E. Heathman	BY65	3 900	
	BY35	2 100	6 000
R. O. Lyon	BY57	2 800	
	BY43	2 100	4 900
H. E. Deason	DY57	2 800	
	DY43	2 100	4 900
Veterinary Research			
Jesse Sampson	S-AY29	2 400	
	AY71	6 000	8 400

Name	*Tenure*	*Salary*	*Approved*
C. C. Morrill	S-AY29	2 400	
	AY71	6 000	8 400
N. D. Levine	S-AY28	1 875	
	AY72	4 875	6 750
J. O. Alberts	S-AY35	2 560	
	AY65	4 690	7 250
P. D. Beamer	S-BY21	1 300	
	BY79	4 950	6 250
H. S. Bryan	S-BY31	1 875	
	BY69	4 125	6 000
M. S. Cover	S-BY8	500	
	BY92	5 500	6 000

Smith-Lever

F. E. Longmire	AY	8 000
J. D. Bilsborrow	AY	7 500
W. D. Murphy	BY	7 500
H. H. Gordon	BY	5 750
E. I. Pilchard	AY	6 750
O. F. Gaebe	DY25	1 425
F. H. Mynard	BY	5 600

EXCHANGE OF LAND WITH MEDICAL CENTER COMMISSION

Resolution

WHEREAS, the real property legally described as "Sub Lot 4 in McKay's Resubdivision of Lots 1 and 2 in the East half of Block 5 of the Assessor's Division of the East half of the South East quarter of Section 18, Township 39 North, Range 14, East of the Third Principal Meridian in Cook County, Illinois," which property is further identified by Medical Center Commission as Parcel 6:1, and is located at 1745 West Flournoy Street, Chicago, Illinois, has been acquired by and in the name of the Board of Trustees of the University of Illinois; and

WHEREAS, title to said real property is now held in the name of the Board of Trustees of the University of Illinois; and

WHEREAS, the Board of Trustees of the University of Illinois is the owner of said real property; and

WHEREAS, the Board of Trustees of the University of Illinois desires to convey and transfer title to and full ownership of the above real property to Medical Center Commission, in consideration of the conveyance by Medical Center Commission to the Board of Trustees of the University of Illinois of the title to and ownership of the real property described as "Lot 8 and South 4 inches of Lot 7 in B. F. Hadduck's Subdivision of the East half of Block 5 in Assessor's Division of the East half of the South East quarter of Section 18, Township 39 North, Range 14, East of the Third Principal Meridian, in Cook County, Illinois," which property is further identified as Medical Center Commission Parcel 6:10, and is located at 718 South Hermitage Avenue, Chicago, Illinois; and

WHEREAS, it is the sense of the Board of Trustees of the University of Illinois that the above exchange of real estate would be in the interest and advantage of the Board of Trustees of the University of Illinois;

NOW, THEREFORE, BE IT, AND IT IS HEREBY RESOLVED by the Board of Trustees of the University of Illinois that the above real property owned by the Board of Trustees of the University of Illinois, and known as Medical Center Commission Parcel 6:1, which is legally described as above, be conveyed by Quit-Claim Deed to Medical Center Commission in consideration of the simultaneous conveyance by said Medical Center Commission to the Board of Trustees of the University of Illinois of that certain real property owned by Medical Center Commission, and known as Medical Center Commission Parcel 6:10 and legally described above, provided said real property to be so conveyed from said Medical

Center Commission to the Board of Trustees of the University of Illinois is free and clear of all encumbrances of every kind and character, including taxes and special assessments; and the President of the Board of Trustees of the University of Illinois is hereby authorized, empowered and directed to execute such deed from the Board of Trustees of the University of Illinois, as grantor, to Medical Center Commission, as grantee, conveying said Parcel 6:1, as aforementioned, such act to be attested by the Recording Secretary of the Board of Trustees of the University of Illinois; and said Recording Secretary is hereby authorized, empowered and directed to affix the corporate seal of the Board of Trustees of the University of Illinois to such deed, and to attest the act of the President of the Board of Trustees of the University of Illinois in executing the same, as aforesaid; and thereupon the President of the Board of Trustees of the University of Illinois shall deliver said deed last mentioned to Medical Center Commission upon receiving from it a conveyance of said Parcel 6:10, legally described above, free and clear of all encumbrances, including taxes and special assessments, as above.

Certification

I, H. E. Cunningham, hereby certify that I am the duly appointed Recording Secretary of the Board of Trustees of the University of Illinois, a body corporate and politic, created under and by virtue of the laws of the State of Illinois, and that as such Recording Secretary I am the keeper of the records of said the Board of Trustees of the University of Illinois.

I do further certify that on March 14, 1950, the Board of Trustees of the University of Illinois, at its annual meeting duly called and held, duly adopted a certain Resolution, copy of which is hereto attached, and that such Resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto affixed my signature as Recording Secretary of the Board of Trustees of the University of Illinois, and caused the corporate seal of said the Board of Trustees of the University of Illinois to be hereto affixed this 14th day of March, 1950.

H. E. Cunningham, *Recording Secretary,*
THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED JANUARY 11 TO FEBRUARY 28, 1950

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
Consolidated Feldspar Corp.	Study of feldspars in the white ware industry	$15 000 00	February 7, 1950
Country Mutual Fire Co. and the Illinois Agricultural Association	Study of methods of reducing farm fire and wind losses	22 500 00	September 8, 1949
United States Department of the Army, Office of the Surgeon General	Study of changes in the dental tissues in physiologic and pathologic states	5 918 00	February 1, 1950
United States Department of the Navy, Bureau of Naval Personnel	Furnishing books, nonexpendable supplies, equipment, and other services for naval students	2 000 00	July 1, 1949
United States Department of the Navy, Office of Naval Research	Research and development task order number 28	12 000 00	November 23, 1949
United States Department of the Navy, Office of Naval Research	Research and development task order number 29	22 645 40	November 1, 1949
Hoffmann-LaRoche, Inc.	Study of effect of Nu-2206 on kidney function	1 830 00	January 1, 1950
Housing and Home Finance Agency	Study of simplified plumbing systems	23 178 00	January 30, 1950
Merck and Co., Inc.	Vitamin B12 in the nutrition of the calf	2 500 00	February 1, 1950
Union Electric Power Co.	A-C network analyzer service and research for twelve years	7 600 00	January 26, 1950
United States Atomic Energy Commission	Atomic energy research and development	Rates per project	January 26, 1950

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
United States Air Force Department	Continuous recording of tonic and activity pressures in the gastro-intestinal tract at various altitudes	6 435 00	November 29, 1949
Veterans Administration	Instruction of veterans under Public Law 16 and 346 at Chicago Undergraduate Division from 9-19-49 to 8-19-50, contract No. V3028V-890	Rates per contract	November 29, 1949
Veterans Administration	Medical services for vocational rehabilitation students, contract No. V3028V-948	Rates per contract	February 6, 1950
White and McTaggart Co.	Installation of coin-operated Bendix automatic home laundry machines in certain housing facilities	Rates per contract	February 3, 1950

Leases Executed Under General Regulations of the Board of Trustees

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
Monticello Grain Co.	Lease of the elevator located on Allerton Farm No. 1[1]	1¢ per bushel on all grain passing through elevator	January 1, 1950

Adjustments in Authorizations Issued Prior to July 1, 1949, Under Cost-Plus Standing Contracts

With Whom	*Purpose*	*Amount*
Lewis S. Colbert	Six adjustments	$6 747 24
Reliable Plumbing and Heating Co.	Three adjustments	252 72
Schroeder's	Three adjustments	1 319 27[2]
Square Deal Electric	Three adjustments	453 41[2]

PURCHASES RECOMMENDED

Item	*Department*	*Vendor*	*Cost*
30,000 copies 1950-1951 First Semester Time Table to be printed and bound	University Press	Interstate Printing Co., Danville	$4 917 40 f.o.b. Urbana
1300M 4⅛″ x 9½″ 20 lb. white envelopes printed	Extension Service in Agriculture and Home Economics	Transo Envelope Co., Chicago	2 496 00 f.o.b. Chicago
500,000 multiple vitamin capsules according to formula provided by the Hospital Pharmacy	Research and Educational Hospitals Pharmacy	Abbott Laboratories, Chicago	4 875 00 f.o.b. delivered
500 cases (approximately) Pyrex laboratory glassware to be ordered and delivered as required between March 1 and June 30, 1950	General Chemical Stores		2 000 00 (approximately)
One Flakice machine, 2000 pounds daily capacity	*Illini Union Building*, Urbana-Champaign	Refrigeration Engineering Sales Service, Decatur	2 085 00 installed
One two-channel inkwriting galvanometer recorder, consistiug of one microammeter and one millivoltmeter; recorder to have provision for paper speeds, 6″, 12″, and 36″ per minute and per hour according to specifications	Physiology, College of Medicine	General Electric Co., Chicago	1 128 43 f.o.b. factory West Lynn, Mass.
Five controllers, indicating, DC potentiometer type (special double range) −5 to 0 to +5, 0 to 50 millivolts; five auxiliary relays, normally open, S.P., S.T, as specified for the above controllers	Chemistry	Leeds & Northrup Co., Chicago	1 978 75 f.o.b. Urbana

[1] This is a continuation of the contract originally executed by Mr. Allerton.
[2] Deduct, contract reductions.

Item	*Department*	*Vendor*	*Cost*
One microscope, research, inclined body, rotating stage with flat plate, apochromatic objectives 16, 8, 4, and 2 mm., paired compensating eyepieces 5X, 10X, and 15X eyepieces, complete in case; one objective, achromatic, 25 mm., 5X, par-focaled	Horticulture	W. H. Kessel & Co., Chicago	1 298 50 f.o.b. Urbana
One 16 mm. high-speed motion picture camera capable of taking pictures at a rate of 150 to 5000 frames per second with exposure time 1/20,000 seconds per frame at maximum camera speed, with 2″ coated F/2.0 lens	Speech	Western Electric Co., New York	1 450 00 f.o.b. Winston-Salem, N.C.
One 15 KW. two-unit, three-ball bearing generator set with auto transformer type magnetic reduced voltage starter and control	Physics Betatron Development	General Electric Co., Springfield, Ill.	1 328 43
One electronic voltage regulator with AC motor starter and control			1 159 25
		Total	2 487 68 f.o.b. delivered
One microscope, polarizing, Universal, straight, monocular, complete with mechanical stage, analyzer, illuminator, and optical accessories	Physics	R. Y. Ferner Co., Chicago	1 183 00 f.o.b. Boston
One 15″ floor model shaper with Vee ram, helical hull gear transmission, eight reversible power feeds, and force feed lubrication; complete with 3 h.p., 1800 r.p.m., 3 phase, 60 cycle, 220 volt motor with magnetic switch and start-stop push button, tilting table top, holders, handles, wrenches, drive belt guard, Vee belts and pulleys	Industrial Education	Joseph Behr & Sons Co., Rockford	2 344 00 f.o.b. Holland, Mich.
One surface grinding machine with capacity for work 6″ wide x 18″ long x 9½″ high with 1½ h.p., 220 volt, 3 phase, 60 cycle motor, mounted in base of machine, wired with magnetic switch, overload and low voltage protection in accordance with local code; includes magnetic chuck wet grinding attachment and swivel vise	Industrial Education	Brown & Sharpe Co., Chicago	2 181 62 f.o.b. Providence, R.I.
One 10″ geared head engine lathe with 36″ centers and 12 spindle speeds with 1 h.p., 220/440 volt, 3 phase, 60 cycle motor and controls; attachments—one 5″ three-jaw Universal chuck, one 6″ four-jaw Independent chuck, one telescopic taper attachment, micrometer carriage stop, tool holder, steady rest, KO drill chuck and spindle nose chuck	Industrial Education	Joseph Behr & Sons Co., Rockford	2 181 23 f.o.b. Cincinnati, Ohio
2500 copies of *Film Audience Research*, by Leo Handel, to be printed and bound	University Press	Kingsport Press, Inc., Chicago	2 773 28
800 copies of *The Licensing of Radio Services in the United States*, by J. M. Edelman, to be printed and bound	University Press	Pantagraph Printing & Stationery Co., Bloomington	1 608 00
One Model 4 X 4-63 Jeep station wagon, four-wheel drive	Forestry	Frank S. Owens Co., Bloomington	1 716 53
54 new boiler tubes delivered and installed	Physical Plant Department, Chicago Professional Colleges Power Plant	Lasker Boiler & Engineering Corp., Chicago	1 675 00 f.o.b. installed

Item	*Department*	*Vendor*	*Cost*
Nursery stock for landscape development in three areas: Lincoln Avenue Residence; Student and Staff Apartments on Green Street and Goodwin Avenue; and Small Homes Council Staff Housing Research Project at Race Street and Florida Avenue	Physical Plant	Henry Kohankie & Son, Painesville, Ohio	2 117 72
		Charles Fiore Nursery, Prairie View	1 390 80
		The Cole Nursery Co., Mentor, Ohio	320 25
		Fairview Nursery, Fairview, Pa.	248 00
		D. Hill Nursery, Dundee	200 00
		Cherry Hill Nursery, West Newbury, Mass.	158 75
		Hugh B. Barclay, Narberth, Pa.	123 00
		Onarga Nursery, Onarga	105 34
		Wayside Gardens, Mentor, Ohio	49 75
		Jackson and Perkins, Newark, N.Y.	45 75
		Total	4 759 36
53 sheets 4 ft. x 8 ft. 20 oz. hard copper; 28 sheets 4 ft. x 8 ft. 24 oz. hard copper; 6 sheets 4 ft. x 8 ft. 16 oz. hard copper; 75 sheets 4 ft. x 8 ft. 24 oz. heavy Class B lead-coated copper; 17 sheets 4 ft. x 8 ft. 20 oz. heavy Class B lead-coated copper	Physical Plant (for renewals and replacements)	C. G. Hussey & Co., St. Louis, Mo.	3 455 45 f.o.b. delivered
One lot gray granite steps for south entrance to Library; one lot gray granite steps for north vestibule of Library; one lot gray granite steps for south vestibule of Library	Physical Plant	North Carolina Granite Corp., Mount Airy, N.C.	2 445 00 f.o.b. Champaign
90 six cubic ft. electric refrigerators; 90 three burner electric ranges; sink cabinets, base cabinets, counter tops, wall cabinets, and utility cabinets	Physical Plant (for Student and Staff Apartments, second six-story building)	Frigidaire Sales Corp., Chicago	8 028 00
		Westinghouse Electric Supply Corp., Danville	10 386 90
		Williams, Inc., Peoria	23 299 00
		Total	41 713 90
One Altmann-Gersh freezing-drying unit	Applied Materia Medica and Therapeutics	A. S. Aloe Co., Chicago	2 250 00 f.o.b. delivered
Installation (including material) of 285 duplex outlets and 285 pull chain sockets in single story buildings in Stadium Terrace	Residence Halls	Brunkow Electric Co., Champaign	2 305 00
35,000 copies of Undergraduate Catalog of the University of Illinois, to be printed and bound	University Press	Pantagraph Printing & Stationery Co., Bloomington	14 240 00

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

February 16, 1950

The February meeting of the Board of Trustees of the University of Illinois was held on Thursday, February 16, 1950, in the Illini Union Building, in Urbana, according to the following schedule:

10:30 a.m. — Executive session as in Committee of the Whole.

2:00 p.m. — Open session.

The following members were present: President Williamson, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins.

President Stoddard was present; also, Vice-President A. C. Ivy, Provost C. R. Griffith, Assistant to the President A. J. Janata, Secretary H. E. Cunningham, Comptroller Lloyd Morey, and, during the open session, Director of Public Information J. F. Wright, Assistant to the President Wilbur Schramm, Professor R. B. Hudson.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of January 12, 1950.

On motion of Mrs. Watkins, the minutes were approved as printed on pages 963 to 986 above.

MATTERS PRESENTED BY PRESIDENT STODDARD

The Board considered in executive session the following matters presented by the President of the University.

RECOMMENDATIONS RELATING TO PATENTABLE DISCOVERIES

(1) A. Dr. C. S. Marvel of the Department of Chemistry reports the discovery by himself and Dr. B. R. Bluestein, a former graduate student who worked under him last year, of the reaction of a chlorine-containing polymer with triethylphosphite to produce an organic phosphorus derivative which is slow burning. The discovery appears to have potential value in the preparation of flame resistant materials, but a considerable amount of further research and development will be necessary, and there is no assurance that the ultimate result would justify the cost of securing a patent.

On the basis of advice from members of the Department of Chemistry staff, the Chairman of the University Research Board recommends that the discovery be released to the discoverers.

B. Edward W. Ernst, Special Research Assistant in Electrical Engineering, reports the development of "An Anticipator Circuit for Reducing the Effective Thermal Time Lag," an improved form of temperature-measuring device which may be patentable. This development results from an Engineering Experiment Station research program sponsored by the Bird Electronic Corporation of Cleveland, Ohio.

The Chairman of the University Research Board recommends that the University of Illinois Foundation be requested to have a patent search made to determine the novelty of this invention, and that if it appears to be patentable, an application for a patent to be assigned to the University of Illinois Foundation be filed.

C. Associate Professor G. I. Wallace, of the Department of Bacteriology, and Mr. Walter Zygmunt, a graduate assistant in that Department, have isolated a bacterium which produces an antibiotic substance which may be of therapeutic importance. This substance seems to be effective against various disease-producing bacteria, and appears not to be toxic to animals even in rather large doses. To carry forward from this point the development of the substance as a useful thermotherapeutic agent is a long and costly process best carried out in cooperation with a pharmaceutical manufacturer. Control of possible patents by such a manufacturer is a necessary concession in securing the manufacturer's support.

The University Research Board has considered this matter and has also consulted Professors Herbert E. Carter of the Department of Chemistry and Halvor O. Halvorson of the Department of Bacteriology. It is the judgment of the Research Board that the public interest will be best served if the discovery of this antibiotic substance is released to the discoverers so that they can negotiate with pharmaceutical manufacturers for the production, study, and development, and the Research Board so recommends.

I concur in these recommendations.

On motion of Mrs. Watkins, these recommendations were adopted.

LEAVE OF ABSENCE FOR PRESIDENT STODDARD

(2) A request for leave of absence from May 9 to June 15, to enable him to attend a meeting of UNESCO in Florence, Italy.

On motion of Mr. Nickell, this leave was granted as requested.

USE OF UNIVERSITY PREMISES FOR POLITICAL MEETINGS

(3) Following considerable campus discussion in meetings and through the press, the Student Senate on March 8, 1950, passed the following resolution:

I. Political speakers are not allowed to appear on the campus.

II. This restriction stems from a resolution passed by the Board of Trustees in 1890. "Action: On motion of Mr. Bennett it was resolved that hereafter the University buildings and grounds be not used for political purposes."

III. The Student Senate feels that such a restriction is contrary to the best interests of the student body.

A. Hearing political campaign speeches should be part of the educational process of the college student.
B. Other comparable universities do not impose such restrictions.
C. If Democracy is to function the citizens should have every possible opportunity to hear and discuss political issues.

IV. It is the sense of the Student Senate that steps should be taken to make it possible for major candidates for national public offices or Governor of the State from political parties recognized by the State of Illinois to appear on the campus of the University.

V. The Student Senate respectfully requests the President of the University of Illinois to present this matter to the Board of Trustees with the recommendation that the resolution of December 9, 1890, be reconsidered. It is the desire of the Student Senate that provision be made to make it possible for major political speakers to use university grounds and facilities and to appear before the student body of this University.

VI. The Student Senate recommends that it, being representative of the student body, initiate the administration.

Also the All-University Forum Committee endorses a lifting of this sixty-year law, stating

The function of the Committee is to bring students in contact with significant personalities, problems, and trends of the day, thereby implementing the educational process. Students are a critical audience and indicate a definite preference for participants in affairs rather than mere observers who relate things at second hand. Insulating students from the political personalities and issues of the day seems both unrealistic and self-defeating.

Next fall will witness a highly significant campaign for the United States Senate.

We would like to sponsor either joint or several appearances of the candidates.

We are aware that the continuation of some restrictions is essential, as, for example, limitation of appearances to candidates for state and national offices, and assurance of equal opportunity for rival candidates as in the case of radio time.

. . . . . .

Now, technically these campus groups are not thinking of the use of University buildings "for political purposes," but of the contact between student body and staff on the one hand and political candidates on the other. We could, I presume, be using the buildings for educational purposes while the speakers were expressing political thoughts.

However, we have held to a strict interpretation, not without embarrassment at times, and with a definite loss to students and staff. I know that my own college life was more interesting because of the personal appearances of Bryan, Taft, and Hoover.

I recommend, therefore, that the Board action of 1890 be rescinded and that the following action, in substance, be taken:

RESOLVED, that the University buildings and grounds and facilities in communications be available to candidates for state-wide and national offices from political parties recognized by the state of Illinois, and to other responsible political speakers, subject to the approval of the President of the University.

If the Board approves, I recommend that this change become effective immediately.

On motion of Dr. Meyer, this matter was referred to the Committee on General Policy for consideration and report at the May meeting.

The Board recessed for luncheon.

OPEN SESSION

After luncheon, the Board convened in open session.

APPOINTMENTS TO THE FACULTY MADE BY THE PRESIDENT OF THE UNIVERSITY

The Secretary reported that the President has approved the following new appointments to the faculty of the rank of Assistant Professor and above since the previous meeting of the Board of Trustees:

1. H. W. DOWLING, Professor of Preventive Medicine and Public Health, and Head of the Department, beginning June 1, 1950, at an annual salary of $12,000.
2. I. C. GUNSALUS, Professor of Bacteriology, beginning September 1, 1950, at an annual salary of $9,500.
3. CHARLES A. HICKMAN, Professor of Economics, and Research Professor of Economics, beginning September 1, 1950, at an annual salary of $8,500.
4. ROBERT M. KARK, Professor of Medicine, beginning July 1, 1950, at an annual salary of $10,000.
5. S. E. LURIA, Research Professor of Bacteriology, beginning September 1, 1950, at an annual salary of $8,000.
6. CHARLES L. MAXWELL, Assistant Professor of Hygiene, and Medical Adviser for Men, beginning July 1, 1950, at an annual salary of $7,200.
7. ALVIN L. NEUMANN, Associate Professor of Animal Science, beginning July 1, 1950, at an annual salary of $6,200.
8. HORACE W. NORTON, Professor of Agricultural Statistics, beginning September 1, 1950, at an annual salary of $8,000.
9. FREDERICK SARGENT, II, Assistant Professor of Physiology, beginning September 1, 1950, at an annual salary of $4,500.
10. WILLIAM W. WAINWRIGHT, Professor of Radiology, and Head of the Department, beginning September 1, 1950, at an annual salary of $8,000.

On motion of Dr. Meyer, these appointments were confirmed.

MATTERS PRESENTED BY PRESIDENT STODDARD

The Board considered the following matters presented by the President of the University.

APPOINTMENT OF W. ELLISON CHALMERS AS DIRECTOR OF THE INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

(1) I recommend that Dr. W. Ellison Chalmers, Professor of Economics and Professor in the Institute of Labor and Industrial Relations, who has been serving as Acting Director of the Institute since September 1, 1949, be appointed Director of the Institute at a total salary of $9,500, service to be on a twelve months' or "Y" basis.

Under University Statutes a dean or director is appointed for a term of two years. Professor Chalmers' present appointment as Acting Director will expire September 1, 1950. I recommend that the change in title to Director and the new salary become effective as of May 1, 1950.

On motion of Dr. Meyer, this appointment was made as recommended.

APPOINTMENT OF MARK H. HINDSLEY AS DIRECTOR OF THE UNIVERSITY OF ILLINOIS BANDS

(2) The University of Illinois Bands have been an independent organization, the Director reporting to the President of the University. For administrative purposes the Bands should be attached to one of the major divisions of the University. I recommend that they be placed under the general supervision of the Dean of the College of Fine and Applied Arts.

I recommend further that Associate Professor Mark H. Hindsley, who has been serving as Acting Director of the Bands since September 1, 1948, when Director A. A. Harding retired, be appointed Director of the University of Illinois Bands and Professor in the School of Music, effective May 1, 1950, at a total salary of $8,500.

On motion of Mr. Nickell, this appointment was made as recommended.

APPOINTMENT OF DIRECTOR AND ASSISTANT DIRECTOR OF THE STUDENT COUNSELING BUREAU

(3) I recommend the following appointments to be effective May 1, 1950:

1. William M. Gilbert, now Acting Director of the Student Counseling Bureau, as Associate Professor of Psychology and Director of the Student Counseling Bureau at an annual salary of $8,000.

2. Leo A. Hellmer, now Acting Assistant Director of the Bureau, as Associate Professor of Psychology and Assistant Director of the Student Counseling Bureau at an annual salary of $7,000.

On motion of Mrs. Holt, these appointments were made as recommended.

APPOINTMENT OF DEAN STANLEY W. OLSON TO BOARD OF DIRECTORS, INSTITUTION FOR TUBERCULOSIS RESEARCH

(4) The Sixty-sixth General Assembly of Illinois established the Institution for Tuberculosis Research for the production, distribution, and application of the bacillus Calmette-Guerin (BCG), and other methods and materials for the prevention of tuberculosis and for conducting research in tuberculosis. The General Assembly has also made appropriations for expenses incidental to the operation of the Institution. Its management is vested in a five-man board — two appointed by the University and two by the Board of the Municipal Tuberculosis Sanitarium of Chicago. The fifth member is elected by the other four.

The resignation of Dr. J. B. Youmans, former Dean of the College of Medicine, leaves a vacancy on the Board. Vice-President A. C. Ivy recommends the appointment of Dr. Stanley W. Olson, the new Dean of the College of Medicine, to fill the vacancy. The complete personnel of the Board will be:

Appointed by the University of Illinois

Dr. A. C. Ivy, Vice-President
Dr. Stanley W. Olson, Dean of the College of Medicine

Appointed by the Municipal Tuberculosis Sanitarium of Chicago

Dr. Herman N. Bundesen, President, Chicago Board of Health
Dr. Ernest E. Irons, Consulting Physician, Presbyterian Hospital, Chicago

Appointed by the Other Four

Dr. Walter H. Theobald, Otolaryngologist, Municipal Tuberculosis Sanitarium, and member of the Medical Center Commission

I concur.

On motion of Mr. McLaughlin, this appointment was made as recommended.

DEPARTMENTS OF PREVENTIVE MEDICINE AND PUBLIC HEALTH

(5) The educational and research program in Preventive Medicine and Public Health in the College of Medicine is presently under one department. The Vice-President in charge of the Chicago Professional Colleges recommends that it be organized into two departments, a Department of Preventive Medicine and a Department of Public Health.

He also recommends the following appointments:

1. Harry Filmore Dowling as Professor and Head of the Department of Preventive Medicine on indefinite tenure, beginning June 1, 1950, at an annual salary of $12,000 (AY).

2. Howard J. Shaughnessy, now Professor of Bacteriology serving without salary, as Professor and Head of the Department of Public Health, the terms of his appointment to be determined later. Dr. Shaughnessy is now Director of Laboratories of the State Department of Public Health, and he will probably

want to divide his time between the University and the Department. The details of this have not been completed.

On motion of Dr. Meyer, these recommendations were adopted.

GRADUATE CURRICULA AT URBANA-CHAMPAIGN

(6) The University Senate recommends a reorganization of the graduate curricula in Geography and Physiology (see Appendix, page 1097).

Memoranda giving the details of the required and elective courses in these several curricula are attached hereto and copies are being given to the Secretary of the Board for record.

These new curricula have also been approved by the Executive Faculty of the Graduate College.

I recommend approval.

On motion of Mr. Livingston, these curricula were approved as recommended.

GRADUATE CURRICULA IN THE CHICAGO PROFESSIONAL COLLEGES

(7) The University Senate recommends that the following curricula leading to advanced degrees in the Chicago Professional Colleges be established (see Appendix, page 1098).

Memoranda giving the details of the required and elective courses in these several curricula are attached hereto and copies are being given to the Secretary of the Board for record.

These new curricula have also been approved by the Executive Faculty of the Graduate College.

I recommend approval.

On motion of Mr. McLaughlin, these recommendations were adopted.

RESERVE OFFICERS TRAINING CORPS AT CHICAGO UNDERGRADUATE DIVISION

(8) A Committee of the faculty was appointed late in 1948 to study the advisability of offering a Reserve Officers Training Corps program at the Chicago Undergraduate Division. It had previously been ascertained that the University was under no legal obligation to establish military training in any of its branches. Hence, the study of R.O.T.C. at Navy Pier assumed that it would be an elective program.

We now have a recommendation from the Committee, concurred in by the University's Military Department, that there be established at Navy Pier the first and second year basic Army R.O.T.C. program. A minimum of one hundred and a maximum of two hundred trainees is contemplated. Applicants will be screened and admitted on the basis of previous high-school or freshman college work.

The instructional personnel will be provided by the Department of the Army, supplemented by Reserve Officers on inactive status or short tours of active duty. The University will need to provide a secretary and a property custodian. Classroom and other space is available for both out-of-door and indoor foot drill. Some remodeling is necessary to provide office quarters.

The cost of providing the necessary physical facilities is estimated at $11,000 for preparation of offices and storerooms and $2,800 for the purchase of furniture and other equipment.

Aside from the desire of the National Military Establishment for such training in colleges and universities, many of the high schools in Chicago, from which most of the students at Navy Pier come, have junior R.O.T.C. units and their graduates who wish to work for reserve commissions are handicapped in this respect at the Pier.

I recommend that:

1. The Board of Trustees approve this program.
2. An assignment of $13,800 be made from the Nonrecurring Reserve to provide the facilities.

3. The President of the University be authorized to make such adjustments in the operating budget as may be necessary to activate the program.

On motion of Mr. Herrick, these recommendations were adopted, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; not voting, Governor Stevenson.

CHANGES IN GRADUATE FELLOWSHIP AWARDS

(9) The Dean of the Graduate College presents two recommendations:

Illinois College Fellowship Plan

Since 1908 each of several liberal arts colleges in Illinois has annually been invited to nominate an outstanding senior student as a candidate for a first-year fellowship in the Graduate College at the University of Illinois. Since 1935 these candidates have been on a basis of equal competition with all other applicants; provided that candidates from Illinois colleges whose qualifications are equivalent to those of applicants from institutions outside the state have been given preference in the assignment of scholarships; and provided further that nominees from Illinois colleges who fail in the competition have been awarded scholarships without stipends which carry exemption from tuition, incidental, and laboratory fees.

The Dean of the Graduate College reports that competition among fellowship candidates in general has not, until recent years, been so keen as to exclude from awards more than a few Illinois college nominees. The number of these college nominees who compete successfully with applicants from other institutions has been diminishing to such an extent that the Dean of the Graduate College feels the plan should be reviewed. The plan becomes meaningless when colleges are invited to nominate candidates only to learn that their candidates fail to win awards. However, if the University gave fellowships automatically to candidates on nomination by the colleges, the University would be unfair to other students who are more deserving of fellowship awards.

The Dean, therefore, recommends that the Illinois college nominee plan be discontinued. This does not mean that graduates of Illinois colleges will be eliminated from consideration; they may apply and compete for fellowships along with graduates from other institutions.

Stipends of Post-doctoral and Nonresident Fellowships

Since 1948 the University has been awarding special post-doctoral and nonresident fellowships carrying stipends of $2,400 a year. This is the lower range of beginning salaries of instructors who have just received their Ph.D. degrees. The general level of stipends of post-doctoral fellowships offered by the National Research Council, the United States Public Health Service, the Atomic Energy Commission, and other agencies is in the range of $3,000 to $3,600 a year. This means that the University, with its present scale, is at a disadvantage in competing for the best talent.

The Dean, therefore, recommends that the maximum stipend for special post-doctoral fellowships and for nonresident fellowships be increased from $2,400 a year to $3,000 a year, with the understanding (a) that the conditions of award remain as originally specified by the Board of Trustees on February 21, 1948, and (b) that smaller stipends will be granted when this is desirable in view of the circumstances of any particular case.

I concur in these recommendations.

On motion of Dr. Meyer, these recommendations were adopted.

STUDENT ACTIVITIES FEE AT THE CHICAGO UNDERGRADUATE DIVISION

(10) A Student Activities fee of $4 a semester is charged each student at the Chicago Undergraduate Division. This is to finance student activities programs, including intercollegiate and intramural athletics. The fee covers admission to all home athletic contests.

There is a desire on the part of the students to add football to the list of activities, and general agreement on the part of the University officials concerned that the athletic program at Navy Pier should be expanded in cooperation with the Athletic Association. This will require increasing the fee from $4 to $6 a semester. The question of raising the fee was submitted to the students and they voted overwhelmingly in favor of it.

The faculty Committee on Fees and Scholarships recommends approval of this increase.

I concur.

On motion of Mr. Nickell, this increase in fees was authorized.

CONTRACTS FOR CONSTRUCTION OF ANIMAL SCIENCES LABORATORY

(11) Funds are available in the State appropriation to the University for 1949-1951 for "Construction of Animal. Science Building." Bids were received on April 6, 1950, for the construction of this building.

It is recommended by the Director of the Physical Plant Department, the Comptroller, and Naess and Murphy, architects for this building, that contracts be awarded to the lowest bidders as follows:

General contract — Sumner S. Sollitt and Company, Chicago	$1 064 240
Plumbing contract — Bellis and Miller, Inc., Champaign	171 878
Heating contract — Gallaher and Speck, Inc., Chicago	221 810
Ventilation and air conditioning contract — Bloomer Heating and Ventilating Company, Chicago	75 855
Refrigeration contract — L. C. Kohlman, Inc., Chicago	80 709
Electrical contract — Square Deal Electric Company, LaPorte, Indiana	101 880
Elevators — Elevator Manufacturing Company of America, Chicago	19 000
Laboratory equipment — Metalab Equipment Corporation, Brooklyn, New York	200 139
Total Recommended Contract Awards	$1 935 511

The recommendations for awards of heating, ventilating and air conditioning, and refrigeration contracts are based on the acceptance of the Johnson Service Company, Chicago, as the subcontractor to furnish temperature controls since theirs is the lowest quotation on this phase of the work and the Company is acceptable to the University.

I submit a complete schedule of all bids received showing the base bids, alternates, and a budget for this building.

I recommend that these contracts be awarded subject to the release of funds by the Governor, and that the Comptroller and the Secretary of the Board be authorized to execute the contracts.

On motion of Mr. McLaughlin, these contracts were awarded and authority was given as recommended.

CONTRACT FOR BOILER REPAIRS IN ABBOTT POWER PLANT

(12) Routine inspection of the boilers at the Abbott Power Plant revealed that there was evidence of impending failure by rupture of lower sidewall water headers. This inspection was supplemented by inspections by the Chief Mechanical Engineer of Sargent and Lundy, Consulting Engineers, Chicago; an inspector from the Lumbermen's Mutual Casualty Company, underwriters of University boiler insurance; and Professor H. L. Walker, Head of the Department of Mining and Metallurgical Engineering. All agree on a program of temporary repairs, with permanent repairs by the replacement of the headers during the summer of 1950, to insure safe operating conditions for the 1950-1951 heating season. The Lumbermen's Mutual Casualty Company requires that the replacement of headers be carried out within six months.

The boilers have been in operation since 1940 and have been given daily maintenance service with a thorough annual inspection and overhaul. There has been no previous indication of failure.

Sargent and Lundy and the Director of the Physical Plant recommend that

repairs be made by replacing the sidewall water headers with forged steel headers of improved design with suitable changes in the circulation system and firing technic.

In as much as the engineering data, details of design, and circulation requirements of the boilers are available only to the Springfield Boiler Company, the manufacturers of the boilers, it is not feasible to secure competition on the redesign recommended, the furnishing of materials and parts, and supervision of repairs. A firm proposal has been received for this part of the repairs from the Springfield Boiler Company in the amount of $17,710. Bids have been received for the erection work as follows:

Henry Pratt Company, Inc., Chicago	$23 845
Independent Boiler and Tank Company, Chicago	26 160
Chicago Down Draft Furnace Company, Chicago	38 600

Funds are available in the Physical Plant budget for this repair work.

The Director of the Physical Plant and the Comptroller recommend the award of contracts for $17,710 to the Springfield Boiler Company and for $23,845 to the Henry Pratt Company for erection of the new headers.

I concur and request that the Comptroller and the Secretary of the Board be authorized to execute these contracts.

On motion of Mr. Livingston, these awards were made and authority given as recommended.

CONTRACTS FOR EXTENSION OF UTILITIES DISTRIBUTION SYSTEM

(13) The Director of the Physical Plant and the Comptroller recommend award of contracts for the extension of an underground electrical duct to provide electric service to the new six-story building of the Student and Staff Apartments on Green Street and Goodwin Avenue now under construction, as follows:

For furnishing and laying of the duct and providing the electrical cables—	
Square Deal Electric Company, Urbana	$ 865
For excavation, construction of manholes, concrete work, and backfilling—	
Kuhne-Simmons Company, Inc., Champaign	2 625

The Square Deal Company is the lowest bidder on its division of the work. The Kuhne-Simmons Company, Inc., is the only bidder on the other phase of the work although bids were requested from ten firms. It is the opinion of the architects and Physical Plant Department engineers supervising this construction that in view of the small size of the job and the fact that Kuhne-Simmons Company, Inc., is at present the general contractor for the construction of the building, it will not be possible to secure competitive bids. The Kuhne-Simmons Company, Inc., bid is slightly less per foot than the cost for the same type of work under the contract for the construction of the first six-story building. The price is believed to be fair and reasonable.

I concur and recommend that the Comptroller and the Secretary of the Board execute these contracts.

On motion of Dr. Meyer, these contracts were awarded and authority was given as recommended.

CONTRACT FOR HOT AND COLD WATER PUMPING FACILITIES IN ILLINOIS SURGICAL INSTITUTE

(14) The Director of the Physical Plant and the Comptroller recommend the award of a contract for $26,900 to the Dearborn Plumbing and Heating Company, Chicago, the lowest bidder, for installation of hot and cold water pumping facilities in the Illinois Surgical Institute (Orthopaedic Building) of the Research and Educational Hospitals. This work will include complete new installation of city water service from Wolcott Street to the Institute and installation of pumps and pressure tanks and hot water heater plus piping and valves.

This is part of the program of modernization and rehabilitation recommended by Holabird and Root in their report on electrical and mechanical survey of the buildings in the Chicago Professional Colleges made in 1945.

Funds are available in the State appropriation for "Construction of Utility Distribution System and Remodeling of Existing Buildings" (in Chicago).

I recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract subject to the release of funds by the Governor.

On motion of Mrs. Watkins, this contract was awarded and authority given as recommended.

THE COURT DECISION IN THE CASE OF E. C. LEVERENZ VS. BOARD OF TRUSTEES UNIVERSITY OF ILLINOIS

(15) The Board of Trustees on November 29, 1949 (Minutes, page 945), authorized the President of the University to employ special counsel in proceedings instituted by the Leverenz Electric Company, Danville, Illinois, in the Circuit Court of Champaign County to secure an additional payment of $8,785.33 on the contract for electrical work in the construction of the Electrical Engineering Building, and in such other proceedings as may be deemed advisable.

The contractor claimed the payment was due for extra work performed. The University and its architects denied the claim on the ground that the work was included in the original contract specifications. The dispute had previously gone through arbitration proceedings. The arbitrators reported two to one in favor of allowing the claim, but counsel for the University recommended against acceptance of these findings.

Special counsel was engaged and the case was tried. The decision of the Circuit Court, handed down on March 16, 1950, was in favor of the contractor. Counsel for the University recommended that the case be appealed. I did not approve the filing of an appeal. The brief for the University in the trial court was ably prepared and presented, and I felt that because of a technical difference in the specifications the University could not profit through further legal action.

I recommend, therefore, that

1. This claim be paid.

2. The Board authorize the payment of $1,437.51 to the firm of Craig and Craig, Mattoon, Illinois, special counsel for the University in this case, for legal services and expenses incurred by that firm, as per bill rendered.

3. The Board authorize the payment of $1,059.67 to the arbitrators for their services and expenses incurred in the arbitration proceedings. There were three arbitrators, one selected by each party and the third by the other two. It was agreed that each party would pay its arbitrator and one-half the fee and expenses of the third.

4. The payment of $55.35 for court and reporting costs be authorized.

5. An appropriation of $11,350, or so much thereof as may be necessary, be made from the General Reserve Fund to cover these payments.

On motion of Mr. Nickell, these recommendations were adopted, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; not voting, Governor Stevenson.

CONTRACT FOR INSTALLATION OF FIRE ESCAPE AT McKINLEY HOSPITAL

(16) The Director of the Physical Plant and the Comptroller recommend the award of a contract for $5,890 to C. A. Petry and Sons, Champaign, the lowest bidder, for furnishing and erecting a spiral fire escape at the north end of McKinley Hospital in Urbana.

This is part of a fire protection improvement project which also includes enclosure of an elevator shaft in the attic, installation of fire doors between the center and south wings, and installation of a sprinkler system in the storage areas.

Funds are available in the Physical Plant budget.

I concur and request that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Dr. Meyer, this award was approved and authority given as recommended.

RELEASE OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

(17) The Governor has approved the following releases of funds from appropriations made to the University of Illinois for 1949-1951 for buildings and other capital improvements:

"For Permanent Improvements at Urbana-Champaign
Additions to Power and Heating Plant and Remodeling of Existing Buildings" $127 535

Release No. 23

For improvements in the Noyes Laboratory of Chemistry:

To complete installation of fume hoods which will reduce fire hazards	$ 8 000	
To remove existing stairs and to complete installation of floor extension over the stair well	4 535	12 535

Release No. 24

For construction of the building addition and erection of structural steel for the new turbine room of the Abbott Power Plant 115 000

These are partial releases from an appropriation of $1,215,000 of which $880,000 has been budgeted for additions to the Power Plant, $263,500 for remodeling of existing buildings. The Governor has previously released (Release No. 14) $137,465 for the construction of new stairways in the Noyes Laboratory. I recommend that the funds released be appropriated for the purposes specified.

On motion of Mr. Livingston, these funds were appropriated as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; not voting, Governor Stevenson.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(18) The Committee on Nonrecurring Appropriations recommends assignments from the General Reserve Fund for the following purposes:

Urbana-Champaign

1. Quonset Building for Aviation Psychology	$35 000
2. Building improvements for the Department of Food Technology	28 100
3. Building improvements for the Department of Physics	3 500
4. Remodeling of quarters and equipment for the Chemistry Library	6 500
5. Remodeling of rooms for the College of Law in Altgeld Hall	1 550
6. Laboratory equipment for Department of Geology	1 475
Total, Urbana-Champaign	$76 125

Chicago Professional Colleges

7. Isotope laboratory equipment and remodeling for the Department of Radiology	3 200
8. Hospital laboratory equipment	2 000
9. Purchase of radiology equipment for the Department of Radiology	432
Total, Chicago Professional Colleges	$ 5 632
Grand Total	$81 757

I concur.

On motion of Mr. McLaughlin, these appropriations were made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; not voting, Governor Stevenson.

SPECIAL APPROPRIATION OF ATHLETIC ASSOCIATION FUNDS

(19) The Board of Directors of the Athletic Association is submitting to the Board of Trustees for their approval an appropriation of $30,000 for the construction of a road and a cross connection between the wells of the airport and the golf course.

The road will provide a direct route from the golf course to the airport along the west side of the golf course and the east side of the airport. With this direct route, the airport bus can be used to transport students to the golf course without traveling extra miles. No charge to passengers is made for this service. In view of the benefit of the new road to the Institute of Aviation, no charge will be made to the Athletic Association unless extra trips in addition to the present airport schedules are required.

The road will also be made available for maintenance purposes since both wells will be located close to it.

The cross connection between the wells is desirable to provide for emergencies in the event trouble develops in either of the wells.

These arrangements are recommended by the Director of the Athletic Association, the Director of the Institute of Aviation, and the Comptroller.

I concur.

On motion of Mrs. Watkins, this appropriation was approved.

REVISION OF BY-LAWS OF ATHLETIC ASSOCIATION

(20) The Board of Directors of the University of Illinois Athletic Association has revised its by-laws, and they are submitted to the Board of Trustees for approval.

The revisions are chiefly in the area of business operations. The Comptroller has worked closely with the Athletic Association in preparing the revisions. The changes result in clarification of procedures, particularly in purchasing and contracting, and in reduction of procedures to the minimum necessary to maintain adequate internal check.

I recommend approval of the by-laws as revised.

After discussion, and on motion of Mr. Nickell, this revision was referred to the President and the Comptroller for clarification and presentation at the May meeting.

SALE OF BONDS TO FINANCE CONSTRUCTION OF THE SECOND SIX-STORY BUILDING OF THE STUDENT AND STAFF APARTMENTS AT URBANA

(21) The Finance Committee recommends the sale of $700,000 of revenue bonds to finance the construction of the second six-story building of the Student and Staff Apartments at Green Street and Goodwin Avenue, Urbana, to Blyth and Company, Chicago, the lowest bidder (in terms of interest rates). Four bids were received, representing nine companies.

The Blyth and Company proposal provides an effective interest rate of 2.5585 per cent. Bonds maturing from 1951 to 1961 will bear interest at the rate of 2¼ per cent; bonds maturing from 1962 to 1964 will bear interest at the rate of 2½ per cent; and bonds maturing from 1965 to 1970 will bear interest at the rate of 2¾ per cent. Blyth and Company also offer a premium of $181.30. This Company has proposed that principal and interest be payable at the Chicago Title and Trust Company. The Comptroller reports that Blyth and Company have met all requirements.

Proceeds from the sale of the bonds plus a State appropriation of $338,000 will provide the $1,038,000 required for the construction and equipment of the building.

A resolution for adoption by the Board has been prepared by Chapman and Cutler and is presented herewith for approval (see Appendix, page 1101).

On motion of Mr. McLaughlin, this resolution was adopted by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs.

Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; not voting, Governor Stevenson.

INVESTMENTS

(22) The Finance Committee reports the following transactions involving securities:

Purchases: *Endowment Funds*

U.S.A. Series G 2½% Savings Bonds due 1961 ..... $ 8 000 00
U.S.A. Series G 2½% Savings Bonds due 1962 ..... 24 000 00
200 shares Deere and Company common stock 8 886 17

Sales:

Two shares Standard Oil of New Jersey capital stock 128 43
200 shares Crane Company common stock 5 789 27

Exchange:

$4,000 U.S.A. Series A 1¼% Savings Bonds due January 1, 1950, for $4,000 U.S.A. 1⅛% Series A due January 1, 1951.

Exchange: *Student Loan Funds*

$10,000 U.S.A. 1¼% Certificates of Indebtedness Series C due March 1, 1950, for $10,000 U.S.A. 1¼% Treasury Notes due July 1, 1951.

This report was received for record.

TRANSFER OF LAND TO MEDICAL CENTER STEAM COMPANY

(23) On July 28, 1949 (Minutes, page 493), the Board of Trustees authorized the transfer of certain properties to the Medical Center Steam Company, including some parcels of property acquired from the Medical Center Commission for $1,000 (Minutes, November 29, 1949, page 948).

Four additional lots owned by the Medical Center Commission are required by the Medical Center Steam Company. The Medical Center Commission proposes to transfer the additional lots to the University as a part of the $1,000 purchase, and authority is required for transfer of the lots from the University to the Medical Center Steam Company.

I recommend the adoption of the following resolution:

RESOLVED: That when the Board of Trustees of the University of Illinois shall acquire the following described real estate, or any parcels thereof, this Board does hereby authorize, empower, and direct the Comptroller and the Secretary of this Board, in the name and on behalf of this Board, to execute and deliver to Medical Center Steam Company, an Illinois corporation, a warranty deed or deeds conveying such real estate, either in whole in a single deed or in parcels from time to time, to such Steam Company, to wit:

Lots 29 and 30 in Block 20 of S. H. Sweet's Re-subdivision of Blocks 18, 19, and 20 of Assessor's Division of the East ½ of the Southeast ¼ of Section 18-39N-14, and

Lots 2 and 3 except West 27 feet thereof owned by Metropolitan Elevated Railway Company in Block 20 of S. H. Sweet's Re-subdivision of Blocks 18, 19, and 20 of Assessor's Division of the East ½ of the Southeast ¼ of Section 18-39N-14.

On motion of Mrs. Holt, this resolution was adopted, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; not voting, Governor Stevenson.

PURCHASES

(24) A report of (A) emergency purchases authorized and (B) purchases recommended (see Appendix, page 1115).

On motion of Mr. Fornof, the action of the President of the University in authorizing emergency purchases was approved and confirmed, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(25) The Comptroller's report of contracts executed from March 1 to March 31, 1950 (see Appendix, page 1117).

This report was received for record.

REMODELING OF PART OF PHYSICAL PLANT SERVICE BUILDING

(26) One of the first-priority building needs recommended to the last General Assembly by the Board of Trustees was the remodeling for academic use of the old boiler room which forms part of the Physical Plant Service Building, the former power plant. This item was deleted from the list of capital appropriations finally made.

The need for this space remains acute. It is particularly acute because the addition to the Physics Laboratory, also a first-priority building item, was not included in the capital appropriation.

Because of this continuing need, the University Research Board and the Committee on Nonrecurring Appropriations have continued to seek for a way to remodel for academic use the well-located north campus space available in the old boiler room. On November 19, 1948 (Minutes, page 172), the Board of Trustees authorized the expenditure of up to $15,000 of the funds appropriated for the electronic digital computer, in connection with the preparation by Holabird and Root and Burgee of Chicago of plans for remodeling.

The first set of plans prepared by the architects involved extensive and costly changes; these were studied and modified to reduce to the functional minimum the changes in the building and the total cost of the project. Mr. Briggs, the University's architectural consultant, has gone over the final plans and has reported to the Committee on Nonrecurring Expenditures that they are satisfactory. Professor Huntington, the Chairman of the University's Building Program Committee, has also studied these plans and given his approval of them. Drawings and specifications have been prepared by the Physical Plant Department; these can be sent out at once with a call for bids, if the Board approves.

Adequate housing of two major programs of graduate instruction and research will be provided by the proposed remodeling. The first of these is a developing program in the physics of the solid state. This is headed by Professor Frederick Seitz, one of the world's leading men in this important field. The fundamental work which he and his colleagues are carrying on is of immediate significance not only to the Department of Physics, but also to every other department of the College of Engineering, since the engineering properties of solid materials are of such wide concern.

The other program which will be housed in the remodeled boiler room is that connected with the electronic digital computer. Three departments — Mathematics, Physics, and Electrical Engineering — are cooperating to carry this work forward, and the computing facilities which it will provide will be of important assistance to every department of the University engaged in work involving numbers. The borrowed space in which the computer project is now housed is already growing inadequate, and will be grossly inadequate when the computer itself is completed and placed in actual use, a few months from now. National attention has already been attracted by the rapid and healthy development of our computer program, and we wish to retain and improve our already strong position in this important field.

The Committee on Nonrecurring Appropriations recommends that approval in principle be given to the project of remodeling for academic use the old boiler room in the Physical Plant Service Building, and that the Physical Plant Department be authorized to call for bids on the work involved. When these have been received and studied by the Physical Plant Department and the Committee on Nonrecurring Appropriations, the matter will again be brought to the Board of Trustees for final action.

I concur.

On motion of Dr. Meyer, this recommendation was adopted.

CONTRACTS FOR NATURAL HISTORY BUILDING REMODELING

(27) On February 16, 1950 (Minutes, page 995), the Board of Trustees appropriated funds for the remodeling and equipping of the fifth floor of the Natural History Building in Urbana for the Department of Physiology. Bids have been received for the ventilating and air-conditioning work and for the electrical work as follows:

Ventilating and Air-Conditioning Work

Schroeder's, Champaign	$15 925
F. R. Inskip and Co., Champaign	16 610

Electrical Work

Brunkow Electric Company, Champaign	785
Square Deal Electric, Urbana	1 035
Potter Electric Service, Urbana	1 299

The Director of the Physical Plant and the Comptroller recommend the award of a contract for $15,925 to Schroeder's and for $785 to Brunkow Electric Company, the lowest bidders.

I concur and request that the Comptroller and the Secretary of the Board be authorized to execute these contracts.

On motion of Dr. Meyer, these awards were authorized and authority was given as recommended.

CONTRACT FOR LANDSCAPING

(28) The following bids were received for the necessary grading and seeding work required in the Stadium Terrace area because of the construction of the sanitary sewer and to complete the landscaping of the housing project at Race and Florida:

	Florida Avenue Housing Area	*Stadium Terrace Area*
Martin Ivey, Urbana	$1 020	$1 440
Irving L. Peterson, Champaign	1 300	1 400
Gundstrom Company, Inc., Glenview	1 224	1 547

The Director of the Physical Plant and the Comptroller recommend contracts for the work on the Florida Avenue area be awarded to Martin Ivey for $1,020 and for the work on the Stadium Terrace area to Irving L. Peterson for $1,400, the lowest bidders.

Funds are available.

I concur and request that the Comptroller and the Secretary of the Board be authorized to execute these contracts.

On motion of Mrs. Watkins, these awards were authorized and authority was given as recommended.

CONTRACTS FOR REMODELING NOYES LABORATORY

(29) The Board of Trustees on November 29, 1949 (Minutes, page 947), appropriated the sum of $50,000 for remodeling and equipping the third and fourth floors of Noyes Laboratory for the Bacteriology Department. Bids have been received for the remodeling work. The bids for the general work were received on a cost plus a fixed fee basis. Since this phase of the work included the installation of equipment, the amount of work required could not be known until the equipment had been definitely selected. The addition of equipment to remodeling made it difficult to obtain firm bids on the total project.

On the basis of the bids received, the total estimated cost of the project is revised to $66,869. The Committee on Nonrecurring Appropriations recommends that an additional appropriation of $16,869 be made.

The Director of the Physical Plant and the Comptroller recommend that the following contracts be awarded to the lowest bidders in each case:

General work (fixed fee $1,700; estimated total cost exclusive of fee, $17,000) — E. N. DeAtley, Champaign	$ 1 700
Plumbing work — Reliable Plumbing and Heating Company, Champaign	11 262
Ventilating work — Schroeder's, Champaign	2 400
Electrical work — Brunkow Electric Company, Champaign	3 395

I concur and recommend (1) an appropriation of $16,869 and (2) that the Comptroller and the Secretary of the Board be authorized to execute the above contracts.

On motion of Mr. Livingston, these recommendations were adopted and authority was given as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; not voting, Governor Stevenson.

APPROPRIATION AND CONTRACTS FOR MICRO-ANALYTICAL LABORATORY

(30) Present facilities for micro-analysis in the Noyes Laboratory are inadequate. The room used for this purpose is in the west half of Noyes Laboratory which is subject to severe vibration from trucks on Mathews Avenue. Accurate use of the micro-balances requires freedom from vibration. In addition, the air-conditioning system has for many years caused difficulties and there have been numerous breakdowns during periods of heavy work. The service work of the micro-analytical laboratory has increased to such an extent that it has been necessary to send to commercial laboratories many of the analyses that could otherwise be done by the University.

It is proposed to remodel Rooms 151 and 154 of Noyes Laboratory and to install an air-conditioning system to maintain the rooms at 75 degrees F. temperature and at 55 degrees relative humidity.

Bids have been received for this project indicating that the work can be completed for $19,830. The Committee on Nonrecurring Appropriations has reviewed this and recommends an appropriation of this amount.

The Director of the Physical Plant and the Comptroller recommend the award of contracts to the lowest bidders in each case as follows:

General work — C. H. Siems, Urbana	$3 950
Plumbing, heating, and other piping work — J. L. Robinson, Champaign	4 200
Air-conditioning work — Schroeder's, Champaign	7 265
Electrical work — Brunkow Electric Company, Champaign	815

I concur and recommend (1) an appropriation of $19,830 for this purpose and (2) request that the Comptroller and the Secretary of the Board be authorized to execute these contracts as recommended.

On motion of Mrs. Holt, these recommendations were adopted and authority was given as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; not voting, Governor Stevenson.

FUNK FOREST NATURAL AREA

(31) On September 29, 1949 (Minutes, page 815), the Board of Trustees authorized acquisition, partly through purchase but largely through gifts, of a tract of 63.5 acres of virgin forest land in McLean County. Acquisition of this land has been consummated.

This tract is of great scientific interest to biologists. It is a fine example of the timber which nature through the centuries developed in central Illinois. As such, its preservation by the University fits into a world-wide plan of biologists to maintain for scientific study representative tracts of undisturbed timberland. It affords biologists in Illinois a unique opportunity to study prairie-grove forest.

The property is valued at $30,000. The land, valued at $5,000, was given by the owners — four members of the Funk family. Largely through the efforts of Mr. Eugene Funk, Jr., an alumnus of the University, other members of the Funk family gave $15,000 toward the purchase. This sum was given through the Illini Achievement Fund. For members of the Funk family the establishment of the Funk Forest Natural Area serves as a memorial to their pioneer ancestor, Isaac Funk, who settled in central Illinois in 1823 and who acquired the original patent from the

federal government in 1833. Five thousand dollars was given by the University of Illinois Foundation. The remaining $5,000 was appropriated by the University of Illinois Board of Trustees.

Access to the area from Route 66 will be provided by a strip of land three-quarters of a mile long and sixty feet wide to be deeded to the University as a separate gift.

Since the area is to remain in its natural state, the only major items of expense in this development will be for a woven-wire farm fence around the sixty-three-acre tract and along the right-of-way from the east, and the construction of a small suspension foot bridge.

Acquisition of this land had its beginning a year ago when Professor J. Nelson Spaeth, Head of the Department of Forestry at the University, was near this area while inspecting a maple grove owned and operated by Mrs. Hazel Funk Holmes, wife of Dr. Henry W. Holmes, Dean-Emeritus of the College of Education of Harvard University. Mrs. Holmes hoped that a large part of the original Funk timber tract might be preserved. Professor Spaeth and Mr. William H. Butterfield, Manager of the University of Illinois Foundation, carried on negotiations on behalf of the University.

I recommend that the tract be officially designated Funk Forest Natural Area of the University of Illinois and that the Board of Trustees adopt a resolution recording its appreciation of the generosity of the Funk family.

A list of donors follows (see Appendix, page 1118).

Resolution

The Board of Trustees of the University of Illinois records herewith its appreciation of the public-spirited generosity of the members of the Funk family whose donations of property and funds have made possible the acquisition by the University of the Funk Forest Natural Area in McLean County.

This forestry will be a living museum of natural history, a field laboratory for biological scientists and a state treasure — the last remnant of virgin prairie-grove timberland. For members of the Funk family it will be a memorial to a pioneer ancestry.

The Board directs its Secretary to send a copy of this resolution to each of the donors.

On motion of Mr. McLaughlin, these recommendations were adopted.

CONTRACT FOR REMODELING OF TICE CLINIC FOR THE INSTITUTION FOR TUBERCULOSIS RESEARCH

(32) The Vice-President in charge of the Chicago Professional Colleges, the Director of the Physical Plant, and the Comptroller recommend award of a contract for $2,677 to the C. W. Haynes Company, Chicago, the lowest bidder, for remodeling of quarters in the Cook County Hospital for the Institution for Tuberculosis Research.

The Sixty-sixth General Assembly of Illinois established the Institution for Tuberculosis Research and appropriated funds for the production, distribution, and application of the bacillus Calmette-Guerin (BCG), and other methods and materials for the prevention of tuberculosis and for conducting research in tuberculosis.

Before the National Institute of Health will grant a license for the manufacture of the BCG vaccine, it is necessary that the office and manufacturing areas be separated. This remodeling will make it possible for the Institution for Tuberculosis Research to provide the sterile areas required for the manufacture of the BCG vaccine.

Funds are available in the State appropriation to the Institution for Tuberculosis Research.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Dr. Meyer, this award was approved and authority was given as recommended.

VOCATIONAL AGRICULTURE

(33) A statement on the matter of the training of teachers of vocational agriculture.

On motion of Mr. McLaughlin, the President of the Board was authorized to communicate the following statement to the State Board on Vocational Education.

On two previous occasions, in 1939 and 1947, the Board of Trustees of the University of Illinois has taken official cognizance of proposals to establish Smith-Hughes teacher-training programs in agriculture in State institutions other than the University of Illinois. It came to the attention of the Board of Trustees at its meeting on April 19, 1950, that the State Board for Vocational Education will soon take action on the application of the Illinois State Normal University for the approval of a program of teacher training in vocational agriculture in order to qualify for federal funds. The Board of Trustees directed me to protest against such approval on the ground that it will result in unnecessary duplication of educational facilities and of public expense. It should not be overlooked that each dollar of federal funds received must be matched by a dollar of state funds.

The University of Illinois has been training teachers of vocational agriculture under the Smith-Hughes program since it was established in 1917. The University of Illinois has ample facilities to meet all demands for teachers of vocational agriculture. The priority of the University in this field, however, is a secondary consideration. The real public issue is: Does the state of Illinois need additional facilities to meet the needs of the high schools for such teachers?

The facts speak for themselves. There are at present 489 teachers of vocational agriculture under the Smith-Hughes program in the high schools of Illinois. The average tenure of service is about eight years. The largest number of replacements in any one year was fifty-four. The University of Illinois will this year graduate 102 students who will be qualified to teach vocational agriculture under the Smith-Hughes requirements.

In 1945 a Commission of the General Assembly to survey higher educational facilities in Illinois had a study made of the preparation of teachers of vocational agriculture. The Commission's report to the General Assembly included a recommendation that the State Board for Vocational Education approve no institution other than the University of Illinois for the preparation of teachers of vocational agriculture. The general pattern throughout the country is that the preparation of Smith-Hughes teachers of vocational agriculture is a function of the land-grant college. A healthy competition is assured among these numerous colleges.

If some of the Smith-Hughes graduates of the University of Illinois are going into other lines of work it is due, in part, to the surplus of teachers in the specialty of vocational agriculture. There is not now a demand, nor is there likely to be a demand, for more teachers of vocational agriculture than can be supplied by the University of Illinois. The shortage of well-prepared teachers lies elsewhere.

COOK COUNTY SCHOOL OF NURSING

(34) A request from Dr. Ivy that Grant Hospital be added to the list of affiliates with the Cook County School of Nursing.

This matter was referred to the Committee on Chicago Departments for consideration and recommendation.

CASE OF JESSIE TAYLOR VS. BOARD OF TRUSTEES

(35) As authorized by the Board of Trustees on February 16, 1950 (Minutes, page 989), Mr. Joseph H. Hinshaw of the law firm of Hinshaw and Culbertson, Chicago, was employed as special counsel for the University in the complaint filed in the Court of Claims by Jessie Taylor against the Board of Trustees of the University of Illinois claiming damages for alleged negligence and malpractice by the staff of the Department of Operative Dentistry.

The case came up for a hearing before the Court Commissioner in Chicago on April 4. After the Claimant had testified, Counsel for the University filed a

motion to dismiss the case. On April 18 the Court of Claims dismissed the case for "want of prosecution."

This report was received for record.

LETTER FROM ROGER ADAMS

President Williamson read the following letter from Professor Roger Adams.

Mr. Kenney E. Williamson March 20, 1950
606 Lehmann Building
Peoria 2, Illinois

DEAR MR. WILLIAMSON:

The Testimonial of Appreciation which Mr. Harrison E. Cunningham delivered to me on behalf of the Board of Trustees is a scroll of unusual workmanship and great beauty. Its words of Greetings and Congratulations coming from the Trustees of the University will always mean much to me.

What I may have accomplished in science and in the administration of the Chemistry Department or other organizations, I owe in large measure to the encouragement I have received from the University Administrative Officers and the Board of Trustees and to their constant support since my arrival on the campus in 1916. My thirty-four years here have been filled with pleasure and satisfaction and I feel fortunate in being associated with the University of Illinois.

Will you kindly extend to the Board my sincerest thanks and appreciation.

Cordially yours,
ROGER ADAMS

TREASURER'S REPORT

The Secretary presented for record the report of the Treasurer for the period from March 1, 1949, to February 28, 1950 (see Appendix, page 1119).

SECRETARY'S REPORTS

The Secretary presented also the following lists for record, as printed in the Appendix.

1. Appointments made by the President of the University (page 1086).
2. Adjustments in salary in the Library (page 1088).
3. Graduate fellows (page 1089).
4. Resignations, declinations, and terminations (page 1096).
5. Leaves of absence (page 1097).

RESOLUTION OF THANKS TO GOVERNOR STEVENSON

On motion of Mr. Livingston, the Secretary was directed to transmit to Governor Stevenson an expression of the appreciation of the Board for his generous hospitality.

The Board adjourned, to meet at the University on Friday and Saturday, May 19 and 20.

H. E. CUNNINGHAM
Secretary

KENNEY E. WILLIAMSON
President

APPENDIX

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. Part-time appointments are shown by fractions after the name of the department. C = College; S = Station; E = Extension.)

BORTON, REBECCA K., Research Instructor, Veterinary Physiology and Pharmacology (Veterinary Medicine), and in the Agricultural Experiment Station, five months beginning April 1, 1950, $4000 a year (3-22-50).

CLARK, GEORGE L., Assistant, Electrical Engineering (C) (½), February 1-June 15, 1950, $133.33 a month, and Special Research Assistant, Electrical Engineering (S) (½), seven months beginning February 1, 1950, $137.50 a month, supersedes (3-14-50).

COMPTON, MARION E., Instructor, Home Economics (C), Nurse, Nursery School (Division of Special Services for War Veterans), six months beginning March 1, 1950, $3600 a year, supersedes (3-31-50).

CONNOLLY, HUGH H., Instructor, Civil Engineering (C), academic year beginning September 1, 1950, $4500 (4-10-50).

CONSOLAZIO, CARLO F., Research Associate, Physiology, one year beginning September 1, 1950, $5500 (3-16-50).

DAYTON, DANIEL F., First Assistant, Plant Breeding (Horticulture) (S), one year beginning September 1, 1950, $3900 (3-30-50).

DEMPSEY, ELWOOD J., Adjutant, Military, December 1, 1949 — until further notice, $500 a year (3-31-50).

DOWLING, H. W., Professor, Preventive Medicine and Public Health, and Head of the Department (Medicine), indefinite tenure beginning June 1, 1950, $12,000 a year (3-30-50).

EATON, RICHARD C., Instructor, Animal Science (C & S) (¾), one year beginning September 1, 1950, $3300 (3-30-50).

FELLMANN, JEROME D., Instructor, Geography, academic year beginning September 1, 1950, $4000 (3-22-50).

FREUD, BENJAMIN B., Visiting Professor, Physical Sciences (Undergraduate Division in Chicago) (¾), five months beginning February 1, 1950, to render service during the second semester of the academic year, $450 a month (3-18-50).

GREENWALD, ARTHUR L., Instructor, Humanities (Undergraduate Division in Chicago) (¾), five months beginning February 1, 1950, to render service during the second semester of the academic year, $225 a month (3-18-50).

GRIFFIN, EDWARD G., Instructor, Crowns and Fixed Partial Dentures (Dentistry) (3/10), March 6-August 31, 1950, $900 a year (3-18-50).

GROSS, DOROTHY A., Assistant, Institute of Aviation, six months beginning March 1, 1950, $2900 a year, supersedes (3-18-50).

GUNSALUS, I. C., Professor, Bacteriology, indefinite tenure beginning September 1, 1950, to render service during each academic year, $9500 a year (3-30-50).

HALE, WILLIAM H., Instructor, Animal Science (C & S), April 15-August 31, 1950, $375 a month (3-22-50).

HATCH, MELTON A., Professor, Military Science and Tactics, and Coordinating Officer of R.O.T.C. Components, six months beginning March 1, 1950, $900 a year (3-31-50).

HICKMAN, CHARLES A., Professor, Economics (Economics), and Research Professor of Economics (Bureau of Economic and Business Research), one year beginning September 1, 1950, $8500 (3-31-50).

IMPASTATO, FRANK, Assistant, Surgery (Medicine), six months beginning March 1, 1950, without salary (3-22-50).

KARK, ROBERT M., Professor, Medicine (Medicine), indefinite tenure beginning July 1, 1950, $10,000 a year, supersedes (3-21-50).

KISSELGOFF, AVRAM, Research Associate, Bureau of Economic and Business Research, March 7-July 1, 1950 or until termination of the Merrill Project, whichever is earlier, $487.50 a month, supersedes (3-22-50).

KREBS, W. H., Manager, Residence Halls, one year beginning September 1, 1949, $5508, supersedes (3-31-50).

KYONKA, JOSEPH C., Special Research Assistant, Ceramic Engineering (S), one year beginning April 15, 1950, $4000 (4-6-50).

LATHAM, ORA F., Instructor, Mathematics (Undergraduate Division in Chicago), five months beginning February 1, 1950, to render service during the second semester of the academic year, $425 a month (3-18-50).

LAUGHLIN, JOHN S., Assistant Professor, Radiology (Medicine), six months beginning March 1, 1950, $8000 a year, supersedes (3-16-50).

LEVY, SAUL, Instructor, Applied Materia Medica and Therapeutics (⅗), and Coordinator, Postgraduate Studies (35/100) (Dentistry), five months beginning April 1, 1950, $3375 a year, supersedes (3-30-50).

LOBRAICO, ROCCO V., JR., Instructor, Obstetrics and Gynecology (Medicine) (¾), March 12, 1950-March 31, 1951, $3000 a year (3-18-50).

LURIA, S. E., Research Professor, Bacteriology (Graduate College), indefinite tenure beginning September 1, 1950, to render service during each academic year, $8000 a year (3-30-50).

MAEDA, EDITH M., Assistant, Occupational Therapy (Psychiatry) (Medicine), six months beginning March 1, 1950, $3300 a year (3-22-50).

MAXWELL, CHARLES L., Assistant Professor, Hygiene, and Medical Adviser for Men, Health Service, July 1, 1950-August 31, 1951, $7200 a year (3-16-50).

MERRILL, W. M., Instructor, Geology, academic year beginning September 1, 1950, $3800 (3-22-50).

MOHR, MRS. ELIZABETH B., Research Assistant, Chemistry (Graduate College), March 16-May 31, 1950, $750 (4-10-50).

MULVANEY, DERRELD L., Assistant, Soil Fertility (Agronomy) (S), six months beginning March 1, 1950, $3200 a year (3-14-50).

NELSON, G. K., Instructor, Accountancy (Business Organization and Operation) (½), six months beginning March 1, 1950, to render service during the second semester of the academic year, $825, supersedes (3-14-50).

NELSON, LLOYD P., Instructor, Institute of Aviation, February 23-August 31, 1950, $4200 a year, supersedes (3-21-50).

NEUMANN, ALVIN L., Associate Professor, Animal Science (C & S), July 1, 1950-August 31, 1951, $6200 a year (4-10-50).

NORTON, HORACE W., Professor, Agricultural Statistics (S), indefinite tenure beginning September 1, 1950, $8000 a year (3-22-50).

PAGE, MRS. JANET L., Assistant, Animal Nutrition (Animal Science) (S), five months beginning April 1, 1950, $266.67 a month (3-22-50).

PAUL, KATHARINE H., Scientific Artist, Zoology, two months beginning June 16, 1950, $809 (3-30-50).

PETERSON, JOHN W., Assistant, Ophthalmology (Medicine), one year beginning September 1, 1949, without salary (4-10-50).

RANZ, WILLIAM E., Research Associate, Chemical Engineering (S), six months beginning March 1, 1950, $5200 a year (3-14-50).

RHEUMER, MRS. JOAN A., Special Research Assistant, Soil Fertility (Agronomy) (S), March 16-August 31, 1950, $250 a month (3-30-50).

ROSCOE, S. N., Special Research Associate, Psychology, February 15-June 30, 1950, $400 a month, supersedes (4-6-50).

RUNEY, J. B., Bibliographer, with rank of Instructor, Library, six months beginning March 1, 1950, $3900 a year (3-14-50).

SARGENT, FREDERICK, II, Assistant Professor, Physiology, academic year beginning September 1, 1950, $4500 (3-16-50).

SEYMOUR, ROBERT G., Instructor, Marketing (Business Organization and Operation) (½), and Assistant to the Director, Business Management Service (½), six months beginning March 1, 1950, $2800, supersedes (3-18-50).

SMITH, C. OTIS, Instructor, Obstetrics and Gynecology (Medicine) (½), six months beginning March 1, 1950, $1600 a year, supersedes (3-18-50).

SMITH, JANICE M., Professor, Nutrition (Home Economics), and Head of the Department (C & S), indefinite tenure beginning April 1, 1950, $9000 a year, supersedes (3-14-50).

STEINBERG, MRS. ESTHER, Research Assistant, Bureau of Economic and Business Research, February 13-August 31, 1950, $2700 a year (3-14-50).

STONE, ELIZABETH, Electroencephalographer, Psychiatry (Medicine), five months beginning April 1, 1950, $250 a month, supersedes (3-30-50).

TAYLOR, SAMUEL G., III, Assistant Professor, Medicine (Medicine) (½), March 12, 1950-March 31, 1951, $3000 a year (3-18-50).

THOMPSON, R. H., Instructor, Education (½), six months beginning March 1, 1950, to render service during the second semester of the academic year, $800, supersedes (3-14-50).

TOWNSEND, VERNA K., Assistant, Spanish, February 1-June 15, 1950, $1200, supersedes (3-14-50).

TREMAINE, MYRON J., Clinical Assistant, Surgery (Medicine), six months beginning March 1, 1950, without salary (3-18-50).

TWIST, JANE E., Research Assistant, Chemistry (Graduate College), April 1-September 15, 1950, $1457.50 (3-30-50).

WAINWRIGHT, WILLIAM W., Professor, Radiology, and Head of the Department (Dentistry), one year beginning September 1, 1950, $8000 (3-30-50).

ADJUSTMENTS OF SALARIES IN THE LIBRARY

The Provost, acting for the President, on March 2, 1950, approved the following salary adjustments in the University Library on account of Y status, effective as of September 1, 1949.

Administration	*Salary Approved*
A. H. Trotier	$8 000
A. M. McAnally	7 200
Josie B. Houchens	6 800
Acquisitions	
G. B. Brown	6 100
Helen M. Welch	4 880
Alma DeJordy	4 160
Anne Marinelli	4 000
R. K. Johnson	3 660
Evelyn M. Rogier	3 660
Elizabeth P. Knowles	3 660
Alice J. Appell	3 660
Kathleen M. Ruckman	4 100
Maurine Collins	3 900
E. A. Forrest, Jr.	3 660
Mary Roberts	3 330
Lucy K. Rumble	4 100
Frances P. Saunders	3 250
Binding	
Avis A. Ball	4 200
Margaret J. Lokke	3 900
Naomi C. Ellis	3 130
Catalog	
Margaret Oldfather	5 560
Marian Harman	5 000
Esther W. Anell	4 880
Cleo Lichtenberger	4 880
C. U. Faye	4 880
Rebecca Briggs	4 200
May Smith	3 900
Edith C. Jones	3 900
Clarissa O. Lewis	3 900
Edith M. Marshall	3 900
Janet B. Munnis	3 900
Floweree Heckert	3 900
Louise F. Lodge	3 900
Alice L. Boyd	3 750
Georgia R. Coffin	3 800
James Ranz	3 800
Elizabeth R. Bantz	3 760
Meta M. Sexton	3 660
Lellia S. McLaughlin	3 660
Irma L. Swank	3 660
Alice M. Cooper	3 660
Jean A. Stockdale	3 330
Dorothy M. Short	3 330
Circulation	
W. S. Yenawine	5 800
Helen T. Stewart	4 500
Cecilia McCarthy	3 760
Departmental Libraries	
L. E. Bamber	6 110
D. A. Brown	4 880
Nelle M. Signor	4 400
Fina C. Ott	3 760
Hilda J. Alseth	5 000
Florence M. Harding	4 000
Cerilla E. Saylor	4 880
Mary A. Vance	3 760
Bernita J. Davies	5 000
E. S. Warrick	3 760
Eva F. Benton	3 760
Ruth T. Power	4 200
Isabelle F. Grant	4 400
Sylvia C. Gilmore	3 660
Betty J. Fawver	3 460
Eleanor Blum	3 660
Theo Nelson	3 660
Marjorie Schaeve	5 000
Joseph Allen	5 000
Virginia Shirley	3 260
Icko Iben	4 400
Reference	
Fanny Dunlap	5 500
Dorothy M. Black	4 900
Barbara Bitting	3 900
Ida F. Robertson	3 760
Chicago Professional	
Wilma Troxel	5 440
Margaret M. Bates	4 260
Lorena Clarke	4 260

	Salary Approved		Salary Approved
Dorothea M. Wheeler	3 840	Jane S. Strable	3 900
Elsie Bergland	3 780	Elaine C. Simpson	3 660
Chicago Undergraduate		*Library School*	
D. K. Maxfield	5 900	A. H. Lancour	8 200
R. B. Harness	4 260	Ruth H. Rockwood	3 660

GRADUATE FELLOWS

(The following appointments were made by the President of the University on March 20, 1950, except where otherwise indicated in parenthesis.)

URBANA DEPARTMENTS

Accountancy

DeMaris, Edwin J., Fellow, nine months beginning September 16, 1950, $850.
Hildreth, Dalton L., Fellow, nine months beginning September 16, 1950, $700.
Levenson, Samuel D., Fellow, nine months beginning September 16, 1950, $700.
Sophian, Leonard, Fellow, nine months beginning September 16, 1950, $700.

Agricultural Economics

Dexter, Keith, Booth Fellow, nine months beginning September 16, 1950, $700 (3-28-50).
Fitzgerald, William L., Fellow, nine months beginning September 16, 1950, $1000.
Hiscocks, Geoffrey A., Booth Fellow, nine months beginning September 16, 1950, $850 (3-28-50).
Kao, Richard Chien-Wen, Fellow, nine months beginning September 16, 1950, $850.
Obal, Thaddeus, J., Harry G. and Harriette A. Wright Fellow, nine months beginning September 16, 1950, $1000 (3-28-50).
Schaeve, Charles M., Harry G. and Harriette A. Wright Fellow, nine months beginning September 16, 1950, $700 (3-28-50).
Stack, Thomas N., Fellow, nine months beginning September 16, 1950, $700.

Agronomy

Jones, Jess W., Fellow, nine months beginning September 16, 1950, $850.
Rennie, Wayland W., Fellow, nine months beginning September 16, 1950, $700.

Animal Science

Brown, Paul B., Harry G. and Harriette A. Wright Fellow, nine months beginning September 16, 1950, $1000 (4-6-50).
Draper, Harold H., Fellow, September 16, 1950-January 31, 1951, $425, February 1-June 15, 1951, $500.
Glista, Walter A., Fellow, nine months beginning September 16, 1950, $1000.
Johnson, Verlin K., Harry G. and Harriette A. Wright Fellow, nine months beginning September 16, 1950, $1000 (4-6-50).
Kammlade, William G., Jr., Harry G. and Harriette A. Wright Fellow, nine months beginning September 16, 1950, $1000 (4-6-50).
Nesheim, Robert O., Fellow, nine months beginning September 16, 1950, $1000.
Pfander, William H., Fellow, nine months beginning September 16, 1950, $1000.

Bacteriology

Hirsch, Herbert M., Fellow, nine months beginning September 16, 1950, $1000.
Taylor, Babette, Post-doctoral Fellow, nine months beginning September 16, 1950, $2700 (4-10-50).

Botany

Alexander, Denton E., Post-doctoral Fellow, nine months beginning September 16, 1950, $2400 (3-30-50).
Neely, Florence E., Fellow, nine months beginning September 16, 1950, $1000.
Reinhart, Justin H., Fellow, nine months beginning September 16, 1950, $1000.

Ceramic Engineering

HERRON, ROBERT H., Fellow, nine months beginning September 16, 1950, $700.

Chemical Engineering

ACRIVOS, ANDREW, Fellow, nine months beginning September 16, 1950, $700.
BABB, ALBERT L., Fellow, nine months beginning September 16, 1950, $1000.
BLOSSER, LLOYD G., Fellow, September 16, 1950-January 31, 1951, $500.
CASKEY, FRANKLIN E., Fellow, nine months beginning September 16, 1950, $850.
CHIANG, SHIH-NGANG, Fellow, nine months beginning September 16, 1950, $850.
ECKERT, ROGER E., Fellow, September 16, 1950-January 31, 1951, $500.
HAYWARD, JAMES C., JR., Fellow, nine months beginning September 16, 1950, $700.
REINSCH, ARTHUR J., Fellow, September 16, 1950-January 31, 1951, $350, February 1-June 15, 1951, $425.
ROSE, WILLIAM E., Fellow, nine months beginning September 16, 1950, $850.
TUNG, LU-HO, Honorary Fellow, February 1-June 15, 1950, without stipendium and tuition exemption, supersedes (3-14-50).

Chemistry

ACKER, DONALD S., Standard Oil Company of Indiana Fellow, nine months beginning September 16, 1950, $1200.
BLOMSTROM, DALE C., Cincinnati Chemical Works Fellow, nine months beginning September 16, 1950, $1000 (3-28-50).
BRASURE, DONALD E., Fellow, nine months beginning September 16, 1950, $850.
CHILDERS, CLIFFORD W., Firestone Tire and Rubber Company Fellow, nine months beginning September 16, 1950, $1500 (4-10-50).
CHU, CHIA-CHEN, Fellow, September 16, 1950-January 31, 1951, $500.
COLDREN, CLARKE L., E. I. DuPont de Nemours and Company Fellow, nine months beginning September 16, 1950, $1800.
COLGROVE, RICHARD S., Fellow, nine months beginning September 16, 1950, $850.
CRIPPS, HARRY N., Monsanto Chemical Company Fellow, nine months beginning September 16, 1950, $1200.
DEWALT, HARRY A., JR., E. I. DuPont de Nemours and Company Fellow, February 1-June 15, 1950, $900, supersedes (4-10-50).
DEWEY, HELEN E., Fellow, nine months beginning September 16, 1950, $850.
DOREMUS, ROBERT H., Fellow, nine months beginning September 16, 1950, $850.
DRYSDALE, JOHN J., Fellow, nine months beginning September 16, 1950, $850.
EILAR, KENDRICK R., Post-doctoral Fellow, three months beginning June 1, 1950, $600 (3-30-50).
ELSLAGER, EDWARD F., Fellow, September 16, 1950-January 31, 1951, $500.
EMMONS, WILLIAM D., Socony-Vacuum Oil Company Fellow, nine months beginning September 16, 1950, $1500.
FIGUERAS, JOHN, JR., Fellow, nine months beginning September 16, 1950, $850.
FISCHER, RUDOLPH F., E. I. DuPont de Nemours and Company Fellow, nine months beginning September 16, 1950, $1800.
FOSTER, ROBERT L., Fellow, nine months beginning September 16, 1950, $1000.
FRANK, ANDREW J., Fellow, nine months beginning September 16, 1950, $1000.
FULLER, GLENN, Fellow, nine months beginning September 16, 1950, $850 (4-4-50).
GASH, VIRGIL, Fellow, nine months beginning September 16, 1950, $850.
GELLER, HENRY C., Minnesota Mining and Manufacturing Company Fellow, nine months beginning September 16, 1950, $1200.
GILLETTE, JACK M., Fellow, nine months beginning September 16, 1950, $1000 (4-5-50).
GORDON, MILTON P., Upjohn Company Fellow, nine months beginning September 16, 1950, $1500.
GORDON, MILTON P., Upjohn Company Fellow, one year beginning September 1, 1950, $1500, supersedes (4-5-50).
HALLADA, DONALD P., Fellow, nine months beginning September 16, 1950, $1000.
HALSTED, JANE A., Fellow, nine months beginning September 16, 1950, $700.
HAMMANN, WILLIAM C., Rohm and Haas Company Fellow, nine months beginning September 16, 1950, $1200.
HAUSERMAN, FRANK B., Allied Chemical and Dye Corporation Fellow, nine months beginning September 16, 1950, $1200.

WINNICK, CHARLES N., Eastman Kodak Company Fellow, nine months beginning September 16, 1950, $1200.
WRIGHT, JOHN C., Fellow, nine months beginning September 16, 1950, $1000.
WUEST, WILLYS D., Fellow, nine months beginning September 16, 1950, $700.

Civil Engineering

BOND, JOHN H., JR., Fellow, nine months beginning September 16, 1950, $700.
CHAN, SAI-PAK, Fellow, nine months beginning September 16, 1950, $850.
MA, HSIEN N., Fellow, nine months beginning September 16, 1950, $1000.
MADDOCK, THOMAS S., Fellow, nine months beginning September 16, 1950, $700.
MCMANUS, RALPH N., Fellow, nine months beginning September 16, 1950, $1000.
ROSENBLUETH, EMILIO, Fellow, nine months beginning September 16, 1950, $1000.
SIMS, JAMES R., Fellow, nine months beginning September 16, 1950, $850.
SUAREZ, MARIO G., Fellow, nine months beginning September 16, 1950, $850.
SUNDIN, HJALMAR S. P., Fellow, nine months beginning September 16, 1950, $1000.

Classics

DALE, WILLIAM A., Fellow, nine months beginning September 16, 1950, $850.

Economics

CROSS, BETTY L., Fellow, nine months beginning September 16, 1950, $850.
GUTMANN, PETER M., Fellow, nine months beginning September 16, 1950, $700.
ISENBERG, EUGENE M., Fellow, nine months beginning September 16, 1950, $700 (3-31-50).
LOH, ARTHUR T. Y., Fellow, February 1-June 15, 1950, $350, supersedes (3-31-50).
LOH, ARTHUR T. Y., Fellow, nine months beginning September 16, 1950, $1000.
ROSENBERG, NATHAN, Fellow, nine months beginning September 16, 1950, $700.
SAGAN, JOHN, JR., Fellow, nine months beginning September 16, 1950, $1000.
WENDT, ROGERS H., Fellow, nine months beginning September 16, 1950, without stipendium.
WENZLAU, THOMAS E., Fellow, nine months beginning September 16, 1950, $700.

Education

GRIBANOVSKY, VIOLA L., Fellow, nine months beginning September 16, 1950, $1000.
LAWDER, HAROLD L., Scholar, nine months beginning September 16, 1950, without stipendium (4-5-50).
MOLINARO, LEO A., Fellow, nine months beginning September 16, 1950, $1000.
NOPER, ALICE J., Fellow, nine months beginning September 16, 1950, without stipendium.

Electrical Engineering

CASLER, MAX S., Fellow, nine months beginning September 16, 1950, $700.
HAJIC, EARL J., Fellow, nine months beginning September 16, 1950, $700.
JOHNSON, ROBERT R., Fellow, nine months beginning September 16, 1950, $700.
KANG, CHI L., Fellow, nine months beginning September 16, 1950, $1000.
KERR, JAMES S. S., Westinghouse Fellow, nine months beginning September 16, 1950, $1000.
KUDLICH, ROBERT A., Fellow, nine months beginning September 16, 1950, $700.
LO, YUEN T., Fellow, nine months beginning September 16, 1950, $1000.
NAYLOR, THOMAS K., Fellow, nine months beginning September 16, 1950, $850.
PENTECOST, EUGENE E., Fellow, nine months beginning September 16, 1950, $700.
RAGSDALE, ROBERT G., JR., Fellow, nine months beginning September 16, 1950, $700.
SCHWARZ, EDWARD W., Galvin Fellow, nine months beginning September 16, 1950, $750.
SHAHBENDER, RABAH A. E. R., Fellow, nine months beginning September 16, 1950, $1000.
TANG, YAU C., Fellow, nine months beginning September 16, 1950, $850.

English

BEATY, JEROME, Fellow, nine months beginning September 16, 1950, $850.
BRENNAN, JOSEPH X., Fellow, nine months beginning September 16, 1950, $850.

FERGUSON, OLIVER W., Fellow, nine months beginning September 16, 1950, $850.
FROST, ORCUTT W., JR., Fellow, nine months beginning September 16, 1950, $850.
KUHN, ALBERT J., Fellow, nine months beginning September 16, 1950, $700.
POLSON, ALMA I., Fellow, nine months beginning September 16, 1950, without stipendium.
SCHWEGAL, DOUGLAS M., Fellow, nine months beginning September 16, 1950, without stipendium.
THOMAS, WALTER K., Fellow, nine months beginning September 16, 1950, $700.
WHEELER, NANCY L., Fellow, nine months beginning September 16, 1950, $700.

Entomology

ROBACK, SELWYN S., Fellow, nine months beginning September 16, 1950, $1000.
VINSON, EDDIE B., Fellow, September 16, 1950-January 31, 1951, $425, February 1-June 15, 1951, $500.

French

GORDEN, JEANNE, Fellow, nine months beginning September 16, 1950, $700.
SAINATI, EDWARD, Fellow, nine months beginning September 16, 1950, $700.

Geography

BECHT, J. EDWIN, Fellow, nine months beginning September 16, 1950, $1000.
LAUBENFELS, DAVID J. DE, Fellow, nine months beginning September 16, 1950, $850.

Geology

HARRISON, JACK E., Fellow, nine months beginning September 16, 1950, $1000.
MURRAY, HAYDN H., Illinois Clay Products Company Fellow, nine months beginning September 16, 1950, $1500 (4-4-50).
RHODES, FRANK H. T., Post-doctoral Fellow, nine months beginning September 16, 1950, $2400 (3-30-50).
SHAVER, ROBERT H., Shell Oil Company Fellow, nine months beginning September 16, 1950, $1200 (3-28-50).

German

ARMOUR, GRACE L., Fellow, nine months beginning September 16, 1950, $1000.
CRICHTON, MARY C., Fellow, nine months beginning September 16, 1950, $850.
DINSDALE, CAROL L., Fellow, nine months beginning September 16, 1950, $700.
HUBKA, BETTY R., Fellow, nine months beginning September 16, 1950, $850.
MRACEK, GEORGENE, Fellow, nine months beginning September 16, 1950, $700.

History

BOREN, HENRY C., Fellow, nine months beginning September 16, 1950, $850.
CARLSON, EARLAND I., Fellow, nine months beginning September 16, 1950, $850.
CHARLES, SEARLE F., Kendric C. Babcock Fellow, nine months beginning September 16, 1950, $1000.
DURAN, JAMES A., JR., Fellow, nine months beginning September 16, 1950, $700.
NAUERT, CHARLES G., JR., Fellow, nine months beginning September 16, 1950, $700.
RIGNEY, ELEANOR, Fellow, nine months beginning September 16, 1950, $700.

Journalism

HAGAN, AUDREY N., Fellow, nine months beginning September 16, 1950, without stipendium.

Library Science

JACKSON, WILLIAM V., Fellow, nine months beginning September 16, 1950, $850.
KESTER, MARTHA, Fellow, nine months beginning September 16, 1950, $700.

Marketing

JACOBS, SANFORD, Fellow, nine months beginning September 16, 1950, $700.

Mathematics

BEESACK, PAUL R. P., Fellow, nine months beginning September 16, 1950, $700.
CONRAD, PAUL F., Fellow, nine months beginning September 16, 1950, $1000.
FELDMAN, JACOB, Fellow, nine months beginning September 16, 1950, $700.

FORBES, JACK E., Scholar, nine months beginning September 16, 1950, without stipendium (3-28-50).
HEISLER, JOHN E., JR., Fellow, nine months beginning September 16, 1950, $850.
HOWARD, LOUIS N., Fellow, nine months beginning September 16, 1950, $700.
LEGER, GEORGE F., JR., Fellow, nine months beginning September 16, 1950, $1000.
MILLER, NORMAN H., Fellow, nine months beginning September 16, 1950, without stipendium.
NELSON, ROBERT C., Fellow, nine months beginning September 16, 1950, without stipendium.
PRIEST, RICHARD E., Fellow, nine months beginning September 16, 1950, $700.
ROSEN, WILLIAM G., Fellow, nine months beginning September 16, 1950, $1000.
SULLIVAN, DONALD L., Fellow, nine months beginning September 16, 1950, $850.
THIMSEN, CALVIN D., Fellow, nine months beginning September 16, 1950, $700.
TIERNEY, AGNES M., Fellow, nine months beginning September 16, 1950, without stipendium.
YEN, TI, Fellow, nine months beginning September 16, 1950, $850.

Mechanical Engineering

BARTHEL, HAROLD O., Fellow, nine months beginning September 16, 1950, $700.
KAMAT, GANPAT J., Fellow, nine months beginning September 16, 1950, $1000.
OSMAN, MARTIN S., Eastman Kodak Company Fellow, nine months beginning September 16, 1950, $700.
VOELZ, RICHARD T., Eastman Kodak Company Fellow, nine months beginning September 16, 1950, $750.
YEN, SHEE M., Fellow, nine months beginning September 16, 1950, $1000.

Music

FINDLEY, BARBARA F., Fellow, nine months beginning September 16, 1950, without stipendium.
GERLE, ROBERT, Fellow, March 24-June 30, 1950, $235 (3-24-50).
JOHNSON, NORMAN K., Fellow, nine months beginning September 16, 1950, $700.
PETERSON, CATHERINE L., Fellow, nine months beginning September 16, 1950, $700.
STEPHENSON, DOROTHY L., Fellow, nine months beginning September 16, 1950, $700.
WERNER, KENT, Fellow, nine months beginning September 16, 1950, without stipendium.

Philosophy

HAWORTH, LAWRENCE L., Fellow, nine months beginning September 16, 1950, $850.

Physical Education

GREEN, THOMAS J., Fellow, nine months beginning September 16, 1950, without stipendium.

Physico-Chemical Biology

TESSMAN, MRS. ETHEL S., Fellow, nine months beginning September 16, 1950, $700.

Physics

ASCHENBRENNER, FRANK A., Fellow, nine months beginning September 16, 1950, $700.
BEAN, CHARLES P., Fellow, nine months beginning September 16, 1950, $1000.
BENDEL, WARREN L., Fellow, nine months beginning September 16, 1950, $1000.
BLOOM, MYER, Fellow, nine months beginning September 16, 1950, $850.
BOLOTEN, MARTIN, Fellow, nine months beginning September 16, 1950, $850.
BROWN, ROLLIN L., Fellow, nine months beginning September 16, 1950, $700.
EYMAN, EARL D., Fellow, nine months beginning September 16, 1950, $850.
FRIEDMAN, MARVIN H., Fellow, nine months beginning September 16, 1950, $1000.
HAFFNER, JAMES W., Fellow, nine months beginning September 16, 1950, $700.
HINES, COLIN O., Fellow, nine months beginning September 16, 1950, $850.
HOLCOMB, DONALD F., Fellow, nine months beginning September 16, 1950, $850.
HOUSTON, BLAND B., JR., Fellow, nine months beginning September 16, 1950, $850.
KALOS, MALVIN H., Fellow, nine months beginning September 16, 1950, $1000.
KERMAN, RALPH O., Fellow, nine months beginning September 16, 1950, $1000.
KROMHOUT, ROBERT A., Fellow, nine months beginning September 16, 1950, $1000.

LEURGANS, PAUL J., Fellow, nine months beginning September 16, 1950, $850.
MACDONALD, WILLIAM M., Fellow, nine months beginning September 16, 1950, $700.
MCGEE, PAUL R., Fellow, nine months beginning September 16, 1950, without stipendium.
RAYNE, JOHN A., Fellow, nine months beginning September 16, 1950, $700.
ROBINSON, WILLIAM H., Fellow, nine months beginning September 16, 1950, $700.
SALZMAN, GEORGE, Fellow, nine months beginning September 16, 1950, $850.
SCOTT, MERRILL B., Fellow, nine months beginning September 16, 1950, $1000.
SEGALL, BENJAMIN, Fellow, nine months beginning September 16, 1950, $1000.
SHERK, PETER M., Fellow, nine months beginning September 16, 1950, $1000.

Physiology

DOGGETT, VIRGINIA C., Fellow, nine months beginning September 16, 1950, $850.

Political Science

BLOCK, WILLIAM J., Fellow, nine months beginning September 16, 1950, $1000.
GRAHAM, CHARLES J., Fellow, nine months beginning September 16, 1950, $700.
HARDENBERGH, WILLIAM S., Fellow, nine months beginning September 16, 1950, $700.
KENNEY, DAVID T., Kendric C. Babcock Fellow, nine months beginning September 16, 1950, $1000.
MAWHINNEY, EUGENE A., Fellow, nine months beginning September 16, 1950, $1000.
NEUBER, FRANK W., Fellow, nine months beginning September 16, 1950, $850.
PENNIMAN, CLARA, Fellow, nine months beginning September 16, 1950, $850.
POPPINGA, JULIUS E., Fellow, nine months beginning September 16, 1950, without stipendium.
VEITCH, WILLIAM A., Fellow, nine months beginning September 16, 1950, without stipendium.

Psychology

ADELSON, MARVIN, Fellow, nine months beginning September 16, 1950, $1000.
NAKAMURA, CHARLES Y., Fellow, nine months beginning September 16, 1950, $700.
SOLOMON, LARRY N., Fellow, nine months beginning September 16, 1950, $700.
UEHLING, EDWARD R., Fellow, nine months beginning September 16, 1950, $700.

Social Science

JONES, FAUSTINE C. C., Fellow, nine months beginning September 16, 1950, $700.
THOMPSON, WILLIAM R., Fellow, nine months beginning September 16, 1950, $700.

Sociology

SIMPSON, RICHARD L., Fellow, nine months beginning September 16, 1950, $700.

Spanish

HARDY, WILMA J., Fellow, nine months beginning September 16, 1950, $700.
LINDELL, PHYLLIS ANN, Fellow, nine months beginning September 16, 1950, without stipendium.

Speech

FOOTE, JAHALA J., Fellow, nine months beginning September 16, 1950, $700.
HUNTINGTON, DOROTHY A., Fellow, nine months beginning September 16, 1950, $850.
MAGNON, LUCILLE M., Fellow, nine months beginning September 16, 1950, $700.

Theoretical and Applied Mechanics

BENJAMIN, ROLAND J., Fellow, nine months beginning September 16, 1950, $700.

Zoology

MCCLELLAN, JOHN F., Fellow, nine months beginning September 16, 1950, $1000.
ROBERTSON, WILLIAM B., Fellow, nine months beginning September 16, 1950, $1000.
WEISE, CHARLES M., Fellow, nine months beginning September 16, 1950, $700.

CHICAGO PROFESSIONAL COLLEGES

Dentistry

BOLDEN, THEODORE E., Fellow, one year beginning September 1, 1950, $1800 (3-30-50).
HENRY, JOSEPH L., Fellow, one year beginning July 1, 1950, $1800 (3-30-50).
WILLIAMS, BENJAMIN H., Fellow, one year beginning July 1, 1950, $1800 (3-30-50).

Medicine

ASHLEY, CHARLES A., Fellow, one year beginning July 1, 1950, $2400 (3-30-50).
AYER, JOHN P., Fellow, one year beginning September 1, 1950, $2400 (3-30-50).
LARY, BANNING G., Fellow, one year beginning July 1, 1950, $1800 (3-30-50).
NELSON, KENNETH O., Fellow, one year beginning July 1, 1950, $1800 (3-30-50).
NOVOTNY, ALBERT J., Fellow, one year beginning July 1, 1950, $1800 (3-30-50).
SANNER, FERN A. R., Fellow, March 1-August 31, 1950, $900 (2-28-50).

Pharmacy

RAMASWAMI, DASU, Fellow, one year beginning July 1, 1950, $1200 (3-30-50).
RUBIN, MELVIN, Fellow, one year beginning September 1, 1950, $1200 (3-30-50).

RESIGNATIONS, DECLINATIONS, AND TERMINATIONS

ASCHENBRENNER, FRANK A., Fellow, Physics — declination effective 9-16-50.
BEESACK, PAUL R. P., Fellow, Mathematics — declination effective 9-16-50.
BENDEL, WARREN L., Fellow, Physics — declination effective 9-16-50.
BROWN, ROLLIN L., Fellow, Physics — declination effective 9-16-50.
CASLER, MAX S., Fellow, Electrical Engineering — declination effective 9-16-50.
CRICHTON, MARY C., Fellow, German — declination effective 9-16-50.
CRISSEY, LOIS L., Law Library Assistant — resignation effective 4-18-50.
FINDLEY, BARBARA F., Fellow, Music — declination effective 9-16-50.
GUTMANN, PETER M., Fellow, Economics — declination effective 9-16-50.
HALSTED, JANE A., Fellow, Chemistry — declination effective 9-16-50.
HAMILTON, MRS. BARBARA C., Assistant, Animal Nutrition (Animal Science) (S) — resignation effective 5-31-50.
HARDY, WILMA J., Fellow, Spanish — declination effective 9-16-50.
HAYWARD, JAMES C., JR., Fellow, Chemical Engineering — declination effective 9-16-50.
HINES, COLIN O., Fellow, Physics — declination effective 9-16-50.
HINES, DONALD B., Fellow, Chemistry — declination effective 9-16-50.
HOFF, RICHARD W., Fellow, Chemistry — declination effective 9-16-50.
HOLCOMB, DONALD F., Fellow, Physics — declination effective 9-16-50.
HOWARD, LOUIS N., Fellow, Mathematics — declination effective 9-16-50.
ISENBERG, EUGENE M., Fellow, Economics — declination effective 9-16-50.
JOHNSON, NORMAN K., Fellow, Music — declination effective 9-16-50.
KIELY, JAMES P., Instructor, Physiology (Medicine) — resignation effective 6-30-50.
KUDLICH, ROBERT A., Fellow, Electrical Engineering — declination effective 9-16-50.
KUHN, ALBERT J., Fellow, English — declination effective 9-16-50.
LAST, JULES H., Assistant Professor, Pharmacology (Medicine) — resignation effective 8-31-50.
LEE, ZUR-KONG, Special Research Associate, Civil Engineering (S) — resignation effective 3-16-50.
LEIVA, JOSE O., United States Public Health Service Research Fellow, Orthodontia (Dentistry) — resignation effective 3-1-50.
LINDELL, PHYLLIS A., Fellow, Spanish — declination effective 9-16-50.
MADDOCK, THOMAS S., Fellow, Civil Engineering — declination effective 9-16-50.
MARSH, HAROLD, JR., Assistant Professor, Law — resignation effective 9-1-50.
NAKAMURA, CHARLES Y., Fellow, Psychology — declination effective 9-16-50.
NAYLOR, THOMAS K., Fellow, Electrical Engineering — declination effective 9-16-50.
PENNIMAN, CLARA, Fellow, Political Science — declination effective 9-16-50.
PENTECOST, EUGENE E., Fellow, Electrical Engineering — declination effective 9-16-50.
PENZL, HERBERT, Assistant Professor, German — resignation effective 9-1-50.

POPPINGA, JULIUS E., Fellow, Political Science — declination effective 9-16-50.
PRIEST, RICHARD E., Fellow, Mathematics — declination effective 9-16-50.
RAGSDALE, ROBERT G., JR., Fellow, Electrical Engineering — declination effective 9-16-50.
RENNIE, WAYLAND W., Fellow, Agronomy — declination effective 9-16-50.
ROSENBERG, NATHAN, Fellow, Economics — declination effective 9-16-50.
SELZ, PETER H., Instructor, Art (Undergraduate Division in Chicago) — resignation effective 3-1-50.
SOPHIAN, LEONARD, Fellow, Accountancy — declination effective 9-16-50.
STROHL, DONA R., Assistant, English — resignation effective 2-1-50.
SUN, KING-SANG, Fellow, Civil Engineering — termination effective 3-15-50.
TAYLOR, MRS. SADIE W., Assistant, Animal Nutrition (Animal Science) (S) — resignation effective 4-30-50.
THIMSEN, CALVIN D., Fellow, Mathematics — declination effective 9-16-50.
THOMAS, WALTER K., Fellow, English — declination effective 9-16-50.
UEHLING, EDWARD R., Fellow, Psychology — declination effective 9-16-50.
VEITCH, WILLIAM A., Fellow, Political Science — declination effective 9-16-50.
WEST, CHARLES A., Fellow, Chemistry — declination effective 9-16-50.
WILSON, GRACE R., Assistant Professor, Music — resignation effective 4-1-50.
WUEST, WILLYS D., Fellow, Chemistry — declination effective 9-16-50.

LEAVES OF ABSENCE

BEARD, J. HOWARD, University Health Officer, and Professor, Hygiene, and Head of the Department of Health Service — leave of absence, with salary, March 22-September 1, 1950.
CHASE, MARY L., Associate Professor, Home Economics, and Assistant State Leader (E) — leave of absence, with salary, December 8, 1949-June 8, 1950.
HARRELL, T. W., Associate Professor, Psychology — leave of absence, without salary, September 1, 1950-August 31, 1951.
HAYWARD, H. N., Associate Professor, Electrical Engineering (C), and Director, Measurement Program (S) — leave of absence, with salary, February 1-July 31, 1950.
LONGACRE, ANDREW, Associate Professor, Physics (C) — leave of absence, without salary, March 18, 1950-September 1, 1951.

GRADUATE CURRICULA AT URBANA-CHAMPAIGN

Geography

This is a reorganization of the curriculum leading to the degrees of Master of Arts or Master of Science, and an extension of that program to the degree of Doctor of Philosophy in Geography.

Admission requirements: (1) General regulations governing admission of all graduate students; (2) at least eighteen hours of undergraduate work in geography in addition to a beginning course.

Degree requirements:

For the master's degree: (1) General regulations established by the Graduate College; (2) students offering a thesis in partial fulfillment of the requirements for this degree must sustain an oral examination over the thesis and the general field of geography; (3) students who waive the thesis must sustain a written examination over the general field of geography.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies, and preliminary and final examinations; (2) an acceptable thesis.

Physiology

This is a reorganization of the curriculum leading to the degrees of Master of Science and Doctor of Philosophy in Physiology. Graduate work in this area heretofore was administered by the Department of Zoology and Physiology. A curriculum leading to the master's degree in physiology had been established and in a few cases the doctor's degree had been awarded with the approval of the Graduate College although no formal program leading to such a degree has been approved.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) approximately fifteen hours of biology and twenty hours of chemistry.

Degree requirements:

For the master's degree: (1) General requirements of the Graduate College; (2) at least four units of graduate work in physiology or closely related subjects; (3) at least two units representing an outside minor.

For the doctor's degree: (1) General requirements of the Graduate College with respect to residence, credit, minor work, and preliminary and final examinations; (2) an acceptable thesis.

GRADUATE CURRICULA IN THE CHICAGO PROFESSIONAL COLLEGES

DENTISTRY

Master of Science in Histology

This program is designed to provide graduate training for dental teachers and for investigators in the basic sciences related to dentistry.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) D.D.S. from fully accredited institution. (In special cases, a dental student who has not yet received his D.D.S. degree may be accepted for graduate work in this area providing his scholastic average is B or better.)

Degree requirements: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

Master of Science in Orthodontia

This curriculum is devised to train men for teaching and research in orthodontia.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) D.D.S. degree from fully accredited institution; (3) three quarters of organized postgraduate program in orthodontia.

Degree requirements: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

Master of Science in Oral Surgery

The purpose of this program is to train teachers and research workers in the field of oral surgery.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) D.D.S. or M.D. degree from fully accepted institution; (3) three quarters of organized postgraduate work in oral surgery.

Degree requirements: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis.

Master of Science in Pedodontics

The purpose of this program is to train teachers and research workers in the field of pedodontics.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) D.D.S. degree from fully accredited institution; (3) three quarters of organized postgraduate program in pedodontics.

Degree requirements: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

MEDICINE AND PHARMACY

Master of Science and Doctor of Philosophy in Anatomy

This program is designed to train teachers for colleges of medicine and to stimulate and develop research in the basic medical sciences.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) premedical training in the fundamental basic sciences.

Degree requirements:

For the master's degree: (1) One full year in residence; (2) nine units of

work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies, and preliminary and final examinations; (2) an acceptable thesis.

Master of Science and Doctor of Philosophy in Bacteriology

This curriculum is intended to train students for future careers in medical research and teaching, in the fundamentals and applied technique in diagnostic work and investigators suitable for research positions in industry.

Admission requirements: General requirements governing admission of all graduate students.

Degree requirements:

For the master's degree: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies and preliminary and final examination; (2) an acceptable thesis.

Master of Science and Doctor of Philosophy in Biological Chemistry

This program is designed to train teachers of the subject for colleges of medicine, dentistry, and pharmacy.

Admission requirements: General requirements governing admission of all graduate students.

Degree requirements:

For the master's degree: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies and preliminary and final examinations; (2) an acceptable thesis.

Master of Science in Medicine

This program is devised to train students for a keener approach to the theory and practice of medicine by emphasis on the basic sciences, to provide experience in research method in the clinical field and to develop clinical teachers.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) an M.D. degree. (Medical students who have received the bachelor's degree will be permitted to take graduate work in medicine. In such cases the graduate degree will not be awarded before the M.D.)

Degree requirements: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

Master of Science in Obstetrics and Gynecology

This curriculum is devised to train investigators and teachers for medical colleges and to stimulate a keener scientific approach to the practice of the specialty of obstetrics and gynecology.

Admission requirements: (1) General requirements of the Graduate College; (2) an M.D. degree.

Degree requirements: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

Master of Science in Ophthalmology

This curriculum is designed for the student who is interested in pursuing investigational phases relating to the eye.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) an M.D. degree; (3) one year of postgraduate work or residency in ophthalmology.

Degree requirements: (1) One full year in residence; (2) nine units of work,

including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

Master of Science and Doctor of Philosophy in Pathology

This program is designed to provide advanced study of the mechanisms of pathogenesis of functional and structural expressions of disease.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) completion of undergraduate medical basic science courses, including general and special pathology in Class A medical or dental schools, or (3) completion of medical courses in microscopic anatomy, biochemistry, and physiology (Anatomy 404-405, Biological Chemistry 301, Physiology 324, 325, 326 or equivalent).

Degree requirements:

For the master's degree: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies and preliminary and final examinations; (2) an acceptable thesis.

Master of Science and Doctor of Philosophy in Pharmaceutical Chemistry

This curriculum constitutes a necessary part of a program for the creative advancement of rational medication in the health sciences.

Admission requirements: (1) General regulations governing admission of all graduate students; (2) B.S. in Pharmacy from accredited institution.

Degree requirements:

For the master's degree: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies and preliminary and final examinations; (2) an acceptable thesis.

Master of Science and Doctor of Philosophy in Pharmacognosy

This program is designed to train teachers and research workers in the field of pharmacognosy and in colleges of pharmacy.

Admission requirements: (1) General requirements governing admission of all graduate students.

Degree requirements:

For the master's degree: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies and preliminary and final examinations; (2) an acceptable thesis.

Master of Science and Doctor of Philosophy in Pharmacology

The purpose of this program is to train teachers of pharmacology in colleges of medicine, dentistry, and pharmacy, and to stimulate research efforts in this field.

Admission requirements: General requirements governing admission of all graduate students.

Degree requirements:

For the master's degree: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies and preliminary and final examinations; (2) an acceptable thesis.

Master of Science in Physical Medicine and Rehabilitation

The aim and objective of this curriculum is to train future investigators and teachers in the field of physiatrics.

Admission requirements: (1) General regulations of the Graduate College; (2) an M.D. degree.

Degree requirements: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

Master of Science and Doctor of Philosophy in Physiology

The objective of this curriculum is to train physicians in the application of basic science to the practice of medicine and to train persons seeking a career in medical research and teaching in the basic medical sciences.

Admission requirements: General requirements governing admission of all graduate students.

Degree requirements:

For the master's degree: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies and preliminary and final examinations; (2) an acceptable thesis.

Master of Science in Radiology

The aim of this curriculum is to stimulate research in the field and to develop critical investigators and intelligent teachers in this field.

Admission requirements: (1) General requirements of the Graduate College; (2) an M.D. degree. (In exceptional cases, an advanced medical student will be permitted to take graduate work in radiology in conjunction with his medical studies. In such cases the graduate degree will not be awarded before the M.D.)

Degree requirements: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

Master of Science and Doctor of Philosophy in Surgery

This program is designed to bring the student into contact with scientific phases of surgery by studying methods of correction of malnutrition in surgical diseases, complications in post-operative care and related other phases. The scope of this program lies in the area of the basic sciences. Surgical technique is not involved.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) an M.D. degree. (A medical student with two years of training will be permitted to take graduate work in surgery. In such cases the graduate degree will not be awarded before the M.D.)

Degree requirements:

For the master's degree: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies and preliminary and final examinations; (2) an acceptable thesis.

RESOLUTION AUTHORIZING THE ISSUANCE OF $700,000 STUDENT-STAFF APARTMENT (SECOND UNIT) REVENUE BONDS

RESOLUTION authorizing and providing for the issue of $700,000 Student-Staff Apartments (Second Unit) Revenue Bonds for the purpose of defraying part of the cost of constructing the second unit of Student-Staff Apartments located on Green Street in Urbana, Illinois, prescribing all the details of said bonds, and providing for the collection, segregation and distribution of the revenues of the said Student-Staff Apartments (Second Unit), for the purpose of paying the cost of the maintenance and operation thereof, and payment of the principal of and interest on said revenue bonds.

* * * *

WHEREAS pursuant to "An Act to authorize the Board of Trustees of the University of Illinois to acquire by purchase or otherwise, construct, equip, com-

plete, operate, control and manage student residence halls, staff housing facilities, dormitories, health and physical education buildings, or other revenue producing building or buildings, defining the duties of such Board with respect to operation and maintenance thereof, charge fees or rates for the use thereof, and providing for and authorizing the issue of bonds for the purpose of defraying the cost of construction, acquisition or equipment of any such building or buildings, payable solely from the revenues derived from the operation thereof, and for the refunding of any such bonds," approved June 30, 1945, L. 1945, p. 1753; title as amended by Act approved July 21, 1945, this Board of Trustees of the University of Illinois is authorized to issue revenue bonds for the purpose of constructing, equipping or completing the construction and equipment of student-staff apartments (second unit) payable solely from the revenues derived from the operation thereof; and

WHEREAS the Sixty-fifth and Sixty-sixth General Assemblies of the State of Illinois appropriated the sum of $338,000 applicable to the construction of a second unit of student-staff apartments and responsive to said appropriations this Board of Trustees has heretofore acquired the property located on Green Street, in the City of Urbana, Illinois, and described as follows:

Situated in the State of Illinois, County of Champaign, and City of Urbana, in the west half of the Northeast Quarter (NE¼) of the Northeast Quarter (NE¼) of Section Eighteen (18) in Township Nineteen North (T19N), Range Nine East (R9E) of the Third Principal Meridian and being known as parts of Lots Eleven (11) and Twelve (12) of the W. M. Goodwin's Addition to the City of Urbana as recorded in Deed Book Twenty-four (24), Page Five Hundred Eighty-two (582), of the records of said County and also being sometimes referred to as Lots at the Southeast Corner of Green Street and Goodwin Avenue, Urbana, Illinois, and being more fully bounded and described as follows:

Beginning at an iron pin in the south property line of Green Street, said iron pin being two hundred eight and seventy-five hundredths (208.75) feet distant in an easterly direction from the intersection of the east property line of Goodwin Avenue and the south property line of Green Street; thence easterly along the south property line of Green Street, a distance of ninety and twenty-five hundredths (90.25) feet to an iron pin; thence in a southerly direction along a line parallel to the east property line of Goodwin Avenue, a distance of three hundred thirty-five and fifty-two hundredths (335.52) feet to an iron pin; thence in a westerly direction, a distance of one hundred and two hundredths (100.02) feet to an iron pin; thence in a northerly direction along a line parallel to the east property line of Goodwin Avenue, a distance of one hundred sixty-four and thirteen hundredths (164.13) feet to an iron pin; thence in an easterly direction and at ninety degrees (90°) to the preceding course, a distance of nine and seventy-three hundredths (9.73) feet to an iron pin; thence in a northerly direction and at ninety-degrees (90°) to the preceding course and parallel to the east property line of Goodwin Avenue, a distance of one hundred seventy and five tenths (170.5) feet to the place of beginning, containing seven hundred and thirty-one thousandths (0.731) of an acre, more or less, but subject to all legal highways.

and contracts have been let for the construction and equipment of said facilities, and based upon the contracts heretofore let this Board of Trustees has heretofore estimated and does hereby estimate that the cost of the construction of said student-staff apartments (second unit) upon said above described property located on Green Street in the City of Urbana, Illinois, complete with all equipment, will aggregate the sum of $1,038,000; and

WHEREAS in addition to said appropriations made by the Sixty-fifth and Sixty-sixth General Assemblies of the State of Illinois, it will be necessary for this Board of Trustees to raise the sum of $700,000 to complete the construction thereof and fully equip said student-staff apartments (second unit); and

WHEREAS in order to produce the additional $700,000 necessary for the completion and equipment of said student-staff apartments (second unit) located on the property hereinabove described on Green Street, in the City of Urbana, Illinois, it will be necessary that this Board of Trustees borrow money and issue its revenue bonds in the principal amount of $700,000 as authorized pursuant to the Act hereinabove referred to;

NOW, THEREFORE, Be It and It Is Hereby Resolved by the Board of Trustees of the University of Illinois, as follows:

SECTION 1. That it be and it is hereby determined by the Board of Trustees of the University of Illinois, that it is necessary and for the best interests of the University of Illinois that it borrow the sum of $700,000 to complete the construction of and to fully equip the student-staff apartments (second unit) located on the property described in the preambles of this resolution on Green Street, in the City of Urbana, Illinois, and in evidence thereof issue its revenue bonds in the principal amount of $700,000.

SECTION 2. That said bonds shall be designated "Student-Staff Apartments (Second Unit) Revenue Bonds," be numbered 1 to 700, inclusive, be of the denomination of $1,000 each, be dated May 1, 1950, bonds numbered 1 to 345, inclusive, to bear interest at the rate of two and one-fourth per cent (2¼%) per annum, bonds numbered 346 to 462, inclusive, to bear interest at the rate of two and one-half per cent (2½%) per annum, and bonds numbered 463 to 700, inclusive, to bear interest at the rate of two and three-fourths per cent (2¾%) per annum, interest payable October 1, 1950 and semi-annually thereafter on the first days of April and October in each year, and to become due as follows:

Principal Amount	*Bond Numbers*	*Maturity Dates*
$13,000	1- 13 incl.	April 1, 1951
14,000	14- 27 "	October 1, 1951
14,000	28- 41 "	April 1, 1952
14,000	42- 55 "	October 1, 1952
14,000	56- 69 "	April 1, 1953
14,000	70- 83 "	October 1, 1953
15,000	84- 98 "	April 1, 1954
15,000	99-113 "	October 1, 1954
15,000	114-128 "	April 1, 1955
15,000	129-143 "	October 1, 1955
15,000	144-158 "	April 1, 1956
16,000	159-174 "	October 1, 1956
16,000	175-190 "	April 1, 1957
16,000	191-206 "	October 1, 1957
16,000	207-222 "	April 1, 1958
17,000	223-239 "	October 1, 1958
17,000	240-256 "	April 1, 1959
17,000	257-273 "	October 1, 1959
18,000	274-291 "	April 1, 1960
18,000	292-309 "	October 1, 1960
18,000	310-327 "	April 1, 1961
18,000	328-345 "	October 1, 1961
19,000	346-364 "	April 1, 1962
19,000	365-383 "	October 1, 1962
19,000	384-402 "	April 1, 1963
20,000	403-422 "	October 1, 1963
20,000	423-442 "	April 1, 1964
20,000	443-462 "	October 1, 1964
20,000	463-482 "	April 1, 1965
20,000	483-502 "	October 1, 1965
21,000	503-523 "	April 1, 1966
21,000	524-544 "	October 1, 1966
21,000	545-565 "	April 1, 1967
22,000	566-587 "	October 1, 1967
22,000	588-609 "	April 1, 1968
22,000	610-631 "	October 1, 1968
23,000	632-654 "	April 1, 1969
23,000	655-677 "	October 1, 1969
23,000	678-700 "	April 1, 1970

provided, however, said bonds shall be redeemable as a whole or in part in the inverse order in which they are numbered, prior to their maturity, on any interest payment date at the option of said Board of Trustees of the University of Illinois on or after April 1, 1953, and up to and including October 1, 1954, at par and accrued interest and a premium of two per cent (2%) of the principal amount thereof, and

a premium of one and one-half per cent (1½%) of the principal amount thereof if redeemed on April 1, 1955, or on any interest payment date thereafter up to and including October 1, 1958, and a premium of one per cent (1%) of the principal amount thereof if redeemed on April 1, 1959, or on any interest payment date thereafter before maturity.

Notice of redemption of any or all of said bonds shall be given by publication at least once not less than thirty days prior to the date of redemption, such publication to be made once in one newspaper published and of general circulation in the City of Chicago, Illinois, and such notice of redemption shall, with substantial accuracy (a) designate the date and place of redemption, such place to be at the office of the Depositary hereinafter mentioned in the City of Chicago and State of Illinois; and (b) designate the numbers and the aggregate principal amount of such bonds; and (c) state that on the designated date of redemption said bonds will be redeemed by payment of principal thereof and the accrued interest thereon to date of redemption, plus the applicable redemption premium, and that from and after the designated redemption date interest in respect of all bonds so called for redemption shall cease.

SECTION 3. Any of said bonds may be registered as to principal at anytime prior to maturity in the name of the holder on the books of registration of said University to be kept in the office of the Depositary hereinafter mentioned, such registration to be noted on the reverse side of the bonds by the said Depositary as registrar. After such registration no transfer of such bonds shall be valid unless made on the said books by the registered owner in person or by his duly authorized attorney and similarly noted on such bonds. Upon presentation of any of such bonds registered as to principal, accompanied by a written instrument of transfer satisfactory to the Depositary hereinafter mentioned, executed by the registered owner, or by a duly authorized attorney, such bond shall be transferred upon such books. The registered owner of any such bond registered as to principal shall also have the right to cause the same to be discharged from registration by transfer to bearer, in which case transferability by delivery shall be restored, and thereafter the principal of such bond when due shall be payable to the person presenting such bond. Any such bond registered as payable to bearer may be registered again in the name of the owner with the same effect as the first registration thereof. Successive registrations and transfers as aforesaid may be made from time to time as desired. Registration of any of such bonds shall not affect the negotiability of the coupons thereto attached, but such coupons shall be transferable by delivery merely and payable to the bearer thereof.

Said bonds shall be signed by the President and two members of the Board of Trustees of the University of Illinois, sealed with the corporate seal of said University, attested by the Secretary of said Board, and the interest coupons attached to said bonds shall be authenticated by the facsimile signatures of the President and Secretary of the Board of Trustees of the University of Illinois.

SECTION 4. That said bonds and coupons, and form for registration, shall be in substantially the following form:

(Form of Bond)

UNITED STATES OF AMERICA

STATE OF ILLINOIS

UNIVERSITY OF ILLINOIS

STUDENT-STAFF APARTMENTS (SECOND UNIT) REVENUE BOND

Number ..... $1,000.

KNOW ALL MEN BY THESE PRESENTS, that the University of Illinois, a body corporate and politic, for value received, hereby promises to pay to bearer, or if this bond be registered as hereinafter provided, then to the registered holder hereof, solely from the special fund of said University, as hereinafter mentioned, and not otherwise, the principal sum of One Thousand Dollars ($1,000) on ....., 19....., and to pay interest on said sum from the date hereof until paid at the rate of ..... per cent (.....%) per annum, payable October 1, 1950, and semi-annually thereafter on the first days of April and October in each year, until maturity hereof, in accordance with and upon

presentation and surrender of the annexed interest coupons as they severally become due.

Both principal and interest of this bond are hereby made payable in lawful money of the United States of America at the Chicago Title and Trust Company, in the City of Chicago and State of Illinois.

This bond and the series of which it forms a part is issued under authority of an Act of the Legislature of the State of Illinois, entitled "An Act to authorize the Board of Trustees of the University of Illinois to acquire by purchase or otherwise, construct, equip, complete, operate, control and manage student residence halls, staff housing facilities, dormitories, health and physical education buildings, or other revenue producing building or buildings, defining the duties of such Board with respect to operation and maintenance thereof, charge fees or rates for the use thereof, and providing for and authorizing the issue of bonds for the purpose of defraying the cost of construction, acquisition or equipment of any such building or buildings, payable solely from the revenues derived from the operation thereof, and for the refunding of any such bonds. Approved June 30, 1945, L. 1945, p. 1753; title as amended by Act approved July 21, 1947," approved July 21, 1947, as amended, and all other laws supplementary thereto, and a resolution duly adopted by the Board of Trustees of the University of Illinois for the purpose of defraying part of the cost of constructing the Student-Staff Apartments (Second Unit) located on Green Street, in the City of Urbana, Illinois, on the following described property, to wit:

Situated in the State of Illinois, County of Champaign, and City of Urbana, in the west half of the Northeast Quarter (NE¼) of the Northeast Quarter (NE¼) of Section Eighteen (18) in Township Nineteen North (T19N), Range Nine East (R9E) of the Third Principal Meridian and being known as parts of Lots Eleven (11) and Twelve (12) of the W. M. Goodwin's Addition to the City of Urbana as recorded in Deed Book Twenty-four (24), Page Five Hundred Eighty-two (582) of the records of said County and also being sometimes referred to as Lots at the Southeast Corner of Green Street and Goodwin Avenue, Urbana, Illinois, and being more fully bounded and described as follows:

Beginning at an iron pin in the south property line of Green Street, said iron pin being two hundred eight and seventy-five hundredths (208.75) feet distant in an easterly direction from the intersection of the east property line of Goodwin Avenue and the south property line of Green Street; thence easterly along the south property line of Green Street, a distance of ninety and twenty-five hundredths (90.25) feet to an iron pin; thence in a southerly direction along a line parallel to the east property line of Goodwin Avenue, a distance of three hundred thirty-five and fifty-two hundredths (335.52) feet to an iron pin; thence in a westerly direction, a distance of one hundred and two hundredths (100.02) feet to an iron pin; thence in a northerly direction along a line parallel to the east property line of Goodwin Avenue, a distance of one hundred sixty-four and thirteen hundredths (164.13) feet to an iron pin; thence in an easterly direction and at ninety degrees (90°) to the preceding course, a distance of nine and seventy-three hundredths (9.73) feet to an iron pin; thence in a northerly direction and at ninety degrees (90°) to the preceding course and parallel to the east property line of Goodwin Avenue, a distance of one hundred seventy and five tenths (170.5) feet to the place of beginning, containing seven hundred and thirty-one thousandths (0.731) of an acre, more or less, but subject to all legal highways.

and is payable solely from the net revenue to be derived from the operation of said building, and not otherwise, and this bond and the series of which it forms a part do not constitute an indebtedness of said University or of the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University or the State of Illinois is pledged to the payment of this bond or the interest thereon.

Under said Act of the Legislature of the State of Illinois and other laws supplementary thereto, and the said resolution adopted pursuant thereto, the net revenue derived from the operation of said building shall be deposited with the Chicago Title and Trust Company, in the City of Chicago, Illinois, under a Deposit Agreement entered into between the Board of Trustees of the University of Illinois and the said Company, and used only for the purpose of paying the fees and expenses of such Depositary, principal of and interest on the bonds of said University that are issued under authority of said Act of the Legislature of the State of Illinois and the resolution of the Board of Trustees hereinabove referred to, and which are

payable by their terms only from the net revenue of said Student-Staff Apartments (Second Unit) located on Green Street, in the City of Urbana, Illinois.

It is hereby certified and recited that all acts, conditions and things required to be done precedent to and in the issuance of this bond by the Constitution and Statutes of the State of Illinois, and the applicable resolutions of said Board of Trustees of the University of Illinois, have been done and have happened and have been performed in regular and due form and time as required by law and that provision has been made for depositing the net revenue derived from the operation of said building with the said Chicago Title and Trust Company, to be applied in the manner as hereinabove set forth.

This bond is one of an authorized issue of $700,000, all of like date and of the denomination of $1,000 each, numbered from 1 to 700, inclusive, and said bonds are subject to redemption as a whole, or in part, in the inverse order in which they are numbered, prior to maturity, on any interest payment date on or after April 1, 1953, and up to and including October 1, 1954, at par and accrued interest and a premium of two per cent (2%) of the principal amount thereof, and a premium of one and one-half per cent (1½%) of the principal amount thereof if redeemed on April 1, 1955, or on any interest payment date thereafter up to and including October 1, 1958, and a premium of one per cent (1%) of the principal amount thereof if redeemed on April 1, 1959, or on any interest payment date thereafter before maturity.

Notice of redemption of any or all of said bonds shall be published once not less than thirty days prior to the date of redemption; such publication to be made in one newspaper published and of general circulation in the City of Chicago, and when this bond or any of the bonds of such authorized issue shall have been called for redemption interest thereon shall cease from and after the specified redemption date.

This bond shall pass by delivery unless it is registered as to principal in the name of the holder on the books of registration of said University kept at the office of the Depositary hereinabove mentioned, such registration to be noted on the back hereof. After such registration no transfer hereof shall be valid unless made on such books by the registered holder in person or by attorney duly authorized in writing and similarly noted hereon, but this bond may be transferred in like manner to bearer, and thereupon transferability by delivery shall be restored and it may again from time to time be registered or transferred to bearer as before. Such registration, however, shall not restrict the negotiability of the coupons hereto appertaining, but such coupons shall be transferable by delivery merely and payable to the bearer hereof.

This bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and during such time as this bond is payable to bearer, the same and each of the coupons hereto appertaining may be negotiated by delivery by any person having possession thereof, howsoever such possession may have been acquired, and any holder who shall have taken this bond while so payable to bearer or any of said coupons from any person for value and without notice shall thereby acquire absolute title to this bond or to such coupons as the case may be, free of any defenses enforceable against any prior holder and free from all equities and claims of ownership of any such prior holder, and the said University and any paying agent may deem and treat the bearer of this bond, or, if registered, the person in whose name it is registered and the bearer of any interest coupons appertaining hereto as the absolute owner thereof for all purposes.

Said University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the resolution adopted by the Board of Trustees of said University of Illinois, authorizing the issue of this bond and the series of which it forms a part and as provided in the Deposit Agreement hereinabove referred to, and hereby irrevocably obligates itself to deposit the net revenue derived from the operation of said Student-Staff Apartments (Second Unit) with the said Depositary, to administer the said net revenue as provided for in and by said Deposit Agreement, and to establish from time to time charges and fees for the use of said buildings and to maintain and collect charges and fees sufficient to pay the reasonable cost of operating, maintaining, insuring and repairing of said buildings, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues until all of such bonds have been paid in full, both as to principal and interest.

IN WITNESS WHEREOF, said University of Illinois, by its Board of Trustees, has caused this bond to be signed by the President of the Board of Trustees and two members thereof, its corporate seal to be hereto affixed, attested by the Secretary of said Board, and the coupons hereto attached to be authenticated by the facsimile signatures of the President and Secretary of said Board of Trustees, and this bond to be dated the first day of May, 1950.

.....
President, Board of Trustees,
University of Illinois

.....
Member, Board of Trustees,
University of Illinois

.....
Member, Board of Trustees,
University of Illinois

Attest:

.....
Secretary, Board of Trustees,
University of Illinois

(Form of Coupon)

Number ..... $.....

On the first day of ....., 19..... *(unless the within mentioned bond has theretofore been called for payment, as therein provided, and payment made or provided for), the University of Illinois will pay to bearer solely from the special fund referred to in the said bond to which this coupon is attached, ... Dollars ($.....) in lawful money of the United States of America at the Chicago Title and Trust Company, in the City of Chicago, Illinois, being interest then due on its Student-Staff Apartments (Second Unit) Revenue Bond, dated May 1, 1950, Number .....

.....
President, Board of Trustees

.....
Secretary, Board of Trustees

(Form of Registration)

Date of Registration	In Whose Name Registered	Signature of Registrar

SECTION 5. That upon the issuance of any revenue bonds herein provided for there be and there is hereby established a fiscal year for the operation of said Student-Staff Apartments (Second Unit) located on Green Street, in the City of Urbana, Illinois, and said fiscal year shall commence the first day of July of each year and end the last day of the next succeeding June and all revenues derived from the operation thereof shall be set aside as collected in a separate account and fund, apart

* (The clause within the parentheses to be inserted in all coupons maturing after optional date of bonds to which they are attached.)

from any other funds of said University, and said University covenants that all the revenues, income, receipts, profits, rates, rents, charges, fees and returns derived from the said Student-Staff Apartments (Second Unit) and the operation thereof, after setting aside therefrom the reasonable cost of operating, maintaining, insuring and repairing said Student-Staff Apartments (Second Unit), shall be paid over to the Depositary hereinafter mentioned semi-annually not later than the dates as hereinafter specified in the said deposit agreement prior to April 1 and October 1 of each year, and said revenues so paid over to the Depositary shall be used only in paying the fees and expenses of such Depositary, principal of and interest upon the revenue bonds of said University that are payable by their terms only from such revenues, and such funds shall be used only for the purposes and in accordance with the Deposit Agreement hereinafter set out.

SECTION 6. That for the purpose of further securing the income and revenue to be derived from the operation of the said Student-Staff Apartments (Second Unit) and the application of the net revenue to the payment of the principal of and interest upon the said bonds hereby authorized, the net revenue derived from the operation of the said Student-Staff Apartments (Second Unit) shall be deposited with the Chicago Title and Trust Company, hereby designated as the Depositary for the said net revenue, and the President and Secretary of the Board of Trustees and Treasurer of said University be and are hereby authorized and directed to execute for and on behalf of the University a Deposit Agreement with said bank as Depositary in substantially the following form, to wit:

THIS DEPOSIT AGREEMENT dated May 1, 1950, between the University of Illinois, a public corporate body duly organized and existing under the laws of and located in the State of Illinois (hereinafter sometimes referred to as the "University"), party of the first part, and the Chicago Title and Trust Company, a corporation duly organized and existing under the laws of the State of Illinois, and having its office in the City of Chicago, in the State of Illinois (hereinafter sometimes referred to as the "Depositary"), party of the second part,

WITNESSETH:

WHEREAS the University, pursuant to a resolution of its Board of Trustees, entitled

> "RESOLUTION authorizing and providing for the issue of $700,000 Student-Staff Apartments (Second Unit) Revenue Bonds for the purpose of defraying part of the cost of constructing the second unit of Student-Staff Apartments located on Green Street in Urbana, Illinois, prescribing all the details of said bonds, and providing for the collection, segregation and distribution of the revenues of the said Student-Staff Apartments (Second Unit), for the purpose of paying the cost of the maintenance and operation thereof, and payment of the principal of and interest on said revenue bonds,"

adopted by said Board of Trustees of the University of Illinois on the ..... day of ....., 1950, has issued or is about to issue Seven Hundred Thousand Dollars ($700,000) principal amount of its Student-Staff Apartments (Second Unit) Revenue Bonds for the purpose of defraying part of the cost of constructing said Student-Staff Apartments (Second Unit) on the following described property:

Situated in the State of Illinois, County of Champaign, and City of Urbana, in the west half of the Northeast Quarter (NE¼) of the Northeast Quarter (NE¼) of Section Eighteen (18) in Township Nineteen North (T19N), Range Nine East (R9E) of the Third Principal Meridian and being known as parts of Lots Eleven (11) and Twelve (12) of the W. M. Goodwin's Addition to the City of Urbana as recorded in Deed Book Twenty-four (24), Page Five Hundred Eighty-two (582), of the records of said County and also being sometimes referred to as Lots at the Southeast Corner of Green Street and Goodwin Avenue, Urbana, Illinois, and being more fully bounded and described as follows:

Beginning at an iron pin in the south property line of Green Street, said iron pin being two hundred eight and seventy-five hundredths (208.75) feet distant in an easterly direction from the intersection of the east property line of Goodwin Avenue and the south property line of Green Street; thence easterly along the south property line of Green Street, a distance of ninety and twenty-five hundredths (90.25) feet to an iron pin; thence in a southerly direction along a line parallel to the east

property line of Goodwin Avenue, a distance of three hundred thirty-five and fifty-two hundredths (335.52) feet to an iron pin; thence in a westerly direction, a distance of one hundred and two hundredths (100.02) feet to an iron pin; thence in a northerly direction along a line parallel to the east property line of Goodwin Avenue, a distance of one hundred sixty-four and thirteen hundredths (164.13) feet to an iron pin; thence in an easterly direction and at ninety degrees (90°) to the preceding course, a distance of nine and seventy-three hundredths (9.73) feet to an iron pin; thence in a northerly direction and at ninety degrees (90°) to the preceding course and parallel to the east property line of Goodwin Avenue, a distance of one hundred seventy and five tenths (170.5) feet to the place of beginning, containing seven hundred and thirty-one thousandths (0.731) of an acre, more or less, but subject to all legal highways.

located on Green Street in the City of Urbana, Illinois, said bonds being dated May 1, 1950, and maturing as follows:

Principal Amount	*Bond Numbers*	*Maturity Dates*
$13,000	1- 13 incl.	April 1, 1951
14,000	14- 27 "	October 1, 1951
14,000	28- 41 "	April 1, 1952
14,000	42- 55 "	October 1, 1952
14,000	56- 69 "	April 1, 1953
14,000	70- 83 "	October 1, 1953
15,000	84- 98 "	April 1, 1954
15,000	99-113 "	October 1, 1954
15,000	114-128 "	April 1, 1955
15,000	129-143 "	October 1, 1955
15,000	144-158 "	April 1, 1956
16,000	159-174 "	October 1, 1956
16,000	175-190 "	April 1, 1957
16,000	191-206 "	October 1, 1957
16,000	207-222 "	April 1, 1958
17,000	223-239 "	October 1, 1958
17,000	240-256 "	April 1, 1959
17,000	257-273 "	October 1, 1959
18,000	274-291 "	April 1, 1960
18,000	292-309 "	October 1, 1960
18,000	310-327 "	April 1, 1961
18,000	328-345 "	October 1, 1961
19,000	346-364 "	April 1, 1962
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19,000	384-402 "	April 1, 1963
20,000	403-422 "	October 1, 1963
20,000	423-442 "	April 1, 1964
20,000	443-462 "	October 1, 1964
20,000	463-482 "	April 1, 1965
20,000	483-502 "	October 1, 1965
21,000	503-523 "	April 1, 1966
21,000	524-544 "	October 1, 1966
21,000	545-565 "	April 1, 1967
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22,000	588-609 "	April 1, 1968
22,000	610-631 "	October 1, 1968
23,000	632-654 "	April 1, 1969
23,000	655-677 "	October 1, 1969
23,000	678-700 "	April 1, 1970

bonds numbered 1 to 345, inclusive, bearing interest at the rate of two and one-fourth per cent (2¼%) per annum, bonds numbered 346 to 462, inclusive, bearing interest at the rate of two and one-half per cent (2½%) per annum, and bonds numbered 463 to 700, inclusive, bearing interest at the rate of two and three-fourths per cent (2¾%) per annum, interest payable October 1, 1950 and semi-annually thereafter on the first days of April and October in each year, said bonds being

redeemable as a whole, or in part, in the inverse order in which they are numbered, prior to their maturity, on any interest payment date on or after April 1, 1953, and up to and including October 1, 1954, at par and accrued interest, and a premium of two per cent (2%) of the principal amount thereof, a premium of one and one-half per cent (1½%) of the principal amount thereof if redeemed on April 1, 1955, or on any interest payment date thereafter up to and including October 1, 1958, and a premium of one per cent (1%) of the principal amount thereof if redeemed on April 1, 1959, or on any interest payment date thereafter before maturity.

Notice of redemption to be given by publication at least once not less than thirty days prior to date of redemption, such publication to be made once in one newspaper published and of general circulation in the City of Chicago, Illinois; and

WHEREAS the said bonds are payable both as to principal and interest and premium, if any, solely from the net revenues to be derived from the operation of the said Student-Staff Apartments (Second Unit), the term "net revenues" as used herein meaning the gross revenues of the said Student-Staff Apartments (Second Unit), less the reasonable cost of operating, insuring, maintaining and repairing said facilities; and

WHEREAS the University has, in and by the said resolution, covenanted and agreed, for the benefit of the holders from time to time of the said bonds and the interest coupons thereto appertaining, that the net revenues of the said Student-Staff Apartments (Second Unit) will be from time to time deposited with the Depositary and used only for the payment of the fees and expenses of the Depositary, principal of, premium, if any, and the interest on the said bonds; and

WHEREAS the University has, in and by the said resolution, further covenanted and agreed that it would execute and deliver a Deposit Agreement in the form and terms hereof;

NOW, THEREFORE, in consideration of the premises and of the mutual covenants and agreements hereinafter set forth and pursuant to the terms and provisions of the said resolution, the University and the Depositary have agreed and do hereby agree as follows for the equal and proportionate benefit and security of the holders of the said bonds of the University and the interest coupons thereto appertaining, that is to say:

SECTION 1. The University covenants that proper books of record and account will be kept, in which full, true and correct entries will be made of all income, expenses and financial transactions of and in relation to the said Student-Staff Apartments (Second Unit), and that it will furnish to the Depositary, on or before October 1, 1951, for that period from May 1, 1950 to June 30, 1951, and on or before October 1 in each year thereafter, so long as any bonds remain outstanding, a statement certified as correct by the Comptroller and Treasurer of the University, showing the gross operating revenues, the operating expenses and the net revenues of the said Student-Staff Apartments (Second Unit) for the twelve months' period ended on the next preceding June 30th. The Depositary shall have no duty to request any such information nor any duty relative to the statements from time to time furnished by the University, except to preserve the same for the inspection of the holders of the bonds during usual business hours.

SECTION 2. The University has covenanted with the holders of the bonds hereinabove referred to that all of the revenues, income, receipts, profits, charges, fees, rents and returns derived from the said Student-Staff Apartments (Second Unit) and the operation thereof shall be collected by the University and, after setting aside therefrom the reasonable cost of operating, maintaining, insuring and repairing the said Student-Staff Apartments (Second Unit), shall be paid over to the Depositary semi-annually not later than July 31 for the previous six months' period ending June 30th each year, and January 31 for the previous six months' period ending December 31 of each year; provided, however, there shall be deposited on September 1, 1950 the net revenues for the period from May 1, 1950 to September 1, 1950, which amount, together with sufficient funds derived from the proceeds of the sale of said bonds will be such that the sum so deposited will not be less than the interest requirements due on said bonds October 1, 1950, plus Depositary's fees, and the University hereby covenants and agrees so to do. All funds received by the Depositary under the terms of this agreement, after deducting fees and expenses of such Depositary, shall be held by the Depositary in a special trust account to be known

as the sinking fund and shall be disbursed or applied by the Depositary as hereinafter provided.

At least five days before each semi-annual interest payment date the Depositary shall, if the sinking fund moneys then on deposit are sufficient for that purpose, set aside an amount equal to the interest becoming due on the next ensuing interest payment date on all of the said bonds then outstanding, and such funds shall be and they are hereby appropriated irrevocably to the payment of such interest, and the Depositary, as paying agent, is hereby authorized and directed to apply the same to the payment of such interest on the next ensuing interest payment date upon surrender of the interest coupons becoming due on the said interest date and appertaining to the outstanding bonds.

At least five days before the express date of maturity of the bonds, the Depositary shall set aside from the moneys in the sinking fund, if such moneys then on deposit are sufficient for that purpose after making provision for payment of the interest becoming due on the outstanding bonds on such maturity date, an amount equal to the principal of the bonds then maturing, and such funds shall be and they are hereby appropriated irrevocably to the payment of the principal of the said maturing bonds, and the Depositary, as paying agent, is hereby authorized and directed to apply the same to the payment of the principal of the said bonds upon surrender of the said bonds.

If, upon the fortieth day before any interest payment date, the Depositary has cash in the sinking fund after setting aside an amount sufficient to pay interest becoming due on all outstanding bonds on the next two ensuing interest payment dates and to pay the principal and premium, if any, of any bonds theretofore called for redemption and not yet redeemed and the principal of all bonds becoming due on the next two ensuing principal payment dates, such cash shall be applied by the Depositary to the redemption on the next ensuing interest payment date of outstanding bonds, which by their terms are redeemable, in an amount sufficient to exhaust as nearly as may be such cash, after deducting therefrom and paying all costs and expenses of such redemption.

The said bonds are each in the denomination of One Thousand Dollars ($1,000) and are numbered from 1 to 700, inclusive. All bonds redeemed through the operation of the sinking fund, together with the appertaining interest coupons, shall be cancelled by the Depositary and delivered to the Treasurer of the University. The Depositary shall keep a record of the numbers of all bonds so redeemed.

Notice of redemption through the operation of the sinking fund shall be published by the Depositary, either in the name of the University or in the name of the Depositary, as the Depositary may determine, once not less than thirty days prior to the date of redemption. Such publication to be made in one newspaper published and of general circulation in the City of Chicago, Illinois. Such notice shall with substantial accuracy:

(a) Designate the date and place of redemption, such place to be the office of the Depositary, in the City of Chicago and State of Illinois;

(b) If the bonds to be redeemed are less than all of those outstanding, designate the numbers and the aggregate principal amount of such bonds; and

(c) State that on the designated date of redemption said bonds will be redeemed by payment of the principal thereof and the accrued interest thereon, plus the applicable redemption premium, and that from and after the designated redemption date interest in respect of the bonds so called for redemption will cease.

Upon publication of notice of redemption of any bonds through the operation of the sinking fund, the Depositary shall set aside from the moneys in the sinking fund an amount sufficient to pay and redeem the said bonds and such funds be and are hereby appropriated irrevocably for that purpose, and the Depositary, as paying agent, is hereby authorized and directed to apply such funds to the payment and redemption of the said bonds on or after the specified redemption date upon surrender of the said bonds, together with all unmatured interest coupons thereto appertaining.

SECTION 3. The University has covenanted with the holders of the bonds, hereinabove referred to, that it will, so long as any of the said bonds shall remain outstanding and unpaid, keep in the office of the Depositary, in the City of Chicago and State of Illinois, books for the registration and transfer as to principal of bonds of the said issue, and the said Depositary is hereby appointed the agent of the Uni-

versity, with the title of Registrar, for the purpose of registering and transferring the said bonds as to principal only.

As to each bond registered, as to principal only, the person or entity in whose name the same is for the time being registered shall be deemed and regarded as the absolute owner thereof for all purposes, except for the purpose of receiving payment of the outstanding coupons, if any, appertaining thereto, and so long as the same shall be so registered payment of or on account of the principal thereof shall be made by the Depositary, as paying agent, only to the registered owner thereof. The bearer of any of the said bonds which shall not be registered as to principal and the bearer of any coupon appertaining to any such bond, whether or not such bond shall be registered as to principal, shall for all purposes be deemed and regarded as the absolute owner of such bond or coupon as the case may be for the purpose of receiving payment thereof and for all other purposes, and the Depositary, as paying agent, shall be fully protected in making payment of any such bond or coupon to the bearer thereof.

SECTION 4. The Depositary has executed this agreement and agrees to carry out the terms and provisions hereof on its part, but only upon and subject to the following express terms and conditions:

(a) The Depositary shall not be responsible for any recitals herein or in the said bonds or for the validity of this agreement or of the said bonds, nor for the performance of any of the agreements herein contained on the part of the University.

(b) The Depositary shall not be accountable for any of the proceeds of the bonds or of the revenues of the said Student-Staff Apartments (Second Unit), nor for any other funds of the University, except such funds as may be deposited hereunder. The Depositary shall not be required to allow interest on any funds at any time deposited hereunder. The Depositary may become the owner of bonds of the said issue with the same rights which it would have if not Depositary.

(c) The Depositary shall not be liable for any action taken or omitted to be taken by it in good faith and in the exercise of reasonable care and believed by it to be within the discretion or power conferred upon it by this agreement, nor shall the Depositary be responsible for the consequences of any error of judgment, and the Depositary shall not be answerable except for its own acts, neglect and default, nor for any loss unless the same shall happen through the negligence or want of good faith of the Depositary.

(d) The Depositary shall be entitled to advice of counsel concerning all matters arising under this agreement and its duties hereunder, and may in all cases pay such reasonable compensation as it shall deem proper to such counsel and all such outlays and expenditures shall be repaid to the Depositary out of the sinking fund money.

(e) The Depositary shall not be required to give any bond or surety in respect of the exercise of the duties and powers conferred hereby or otherwise in respect of the premises.

(f) The Depositary shall have a first lien hereunder upon the sinking fund moneys for reasonable compensation, expenses, advances and counsel fees incurred in and about the exercise and performance of its powers and duties hereunder, and the cost and expense of defending against any liability in the premises of any character whatsoever. The compensation of the Depositary shall not be limited to or by any provision of law in regard to the compensation of a trustee of an express trust.

(g) The Depositary at the time acting hereunder may at any time resign by giving not less than sixty (60) days' written notice to the University specifying the date when such resignation takes effect.

SECTION 5. The University covenants that in case the Depositary at the time acting hereunder shall resign or be dissolved or shall be in the course of dissolution or liquidation or otherwise become incapable of acting hereunder, the University will forthwith appoint a successor Depositary which shall be a trust company or bank in good standing located in the State of Illinois and having a capital and surplus of not less than Five Million Dollars ($5,000,000), if there be such a trust company or bank willing, qualified and able to accept the appointment upon reasonable or customary terms.

Every successor Depositary appointed hereunder shall execute, acknowledge and deliver to its predecessor and also to the University an instrument in writing accepting such appointment hereunder, and thereupon such successor Depositary, without any further act, deed or conveyance, shall become fully vested with all of the estates, rights, powers, duties and obligations of its predecessor, and every predecessor Depositary shall deliver all moneys and securities, together with a record of the amount and the numbers of the outstanding bonds, to its successor; provided, however, that before such delivery is required or made, all fees, advances and expenses of the retiring Depositary shall be paid in full.

Any corporation into which the Depositary or any successor to it may be merged or converted or with which it or any successor to it may be consolidated, or any corporation resulting from any merger, conversion or consolidation to which the Depositary, or any successor to it shall be a party, shall be the successor Depositary under this agreement without the execution or filing of any paper on the part of either of the parties hereto.

SECTION 6. Nothing in this agreement expressed or implied is intended or shall be construed to confer upon any person, firm or corporation, other than the parties hereto and the holders of the said bonds and the coupons thereto appertaining, any right, remedy or claim, legal or equitable, under or by reason of this agreement or any covenant, condition or stipulation hereof.

IN WITNESS WHEREOF said University of Illinois, acting by and through its Board of Trustees, has caused this agreement to be signed in its name by the President of the Board of Trustees and the Treasurer thereof and its corporate seal to be hereunto affixed and attested by the Secretary thereof, and said Chicago Title and Trust Company has caused this agreement to be signed in its corporate name by one of its Vice Presidents and its corporate seal to be hereunto affixed and attested by one of its Assistant Secretaries, all as of the day and year first above written.

UNIVERSITY OF ILLINOIS

By.....
President, Board of Trustees

Attest:

.....
Treasurer, University of Illinois

.....
Secretary, Board of Trustees

CHICAGO TITLE AND
TRUST COMPANY
As Depositary

Attest:

By.....
Vice President

.....
Assistant Secretary

SECTION 7. Said University hereby covenants that proper books of record and account will be kept, in which full, true and correct entries will be made of all income, expenses and financial transactions of and in relation to the said Student-Staff Apartments (Second Unit), and that it will furnish to the Depositary and to the original purchasers of said bonds on or before October 1 in each year so long as any bonds remain outstanding a statement certified as correct by the Comptroller and Treasurer of the University, showing the gross operating revenues, the operating expenses, and the net revenues of said Student-Staff Apartments (Second Unit) for the twelve months' period ending on the next preceding June 30.

SECTION 8. The University covenants that while any of the bonds authorized hereunder remain outstanding it will establish charges and fees for the use of said Student-Staff Apartments (Second Unit) and all of the facilities thereof adjusted so as to provide revenues at all times sufficient to pay the reasonable cost of maintaining, operating, insuring and repairing the said Student-Staff Apartments (Second Unit), to pay the interest from time to time becoming due on the said bonds from time to time outstanding, and to provide for the payment of the principal of such bonds at maturity.

SECTION 9. It is hereby covenanted and agreed that while any revenue bonds issued hereunder are outstanding no additional revenue bonds shall be issued which, by their terms, are payable from the revenues of said Student-Staff Apartments (Second Unit) located on Green Street, in the City of Urbana, Illinois, unless and until all revenue bonds issued pursuant to the terms of this resolution have been paid in full, both as to principal and interest, or until provision shall have been made for such payment in full.

SECTION 10. Said University of Illinois hereby covenants and agrees with the holder or holders of the bonds herein proposed to be issued, or any of them, that it will punctually perform all duties with reference to said Student-Staff Apartments (Second Unit) required by the Constitution and laws of the State of Illinois, including the making and collecting of sufficient charges and fees for the use of said properties and all of the facilities thereof, and segregating the revenue thereof and the application of the income and revenue thereof, as provided by this resolution; and it hereby covenants and agrees not to sell, lease, loan, mortgage or in any manner dispose of said Student-Staff Apartments (Second Unit), including any and all extensions and improvements that may be made thereto, until all of the bonds herein authorized to be issued shall have been paid in full, both principal and interest, or unless and until provision shall have been made for the payment thereof in full, and the said University further covenants and agrees with the holders of said bonds to maintain in good condition and continuously operate said Student-Staff Apartments (Second Unit) and maintain and keep in full force and effect at all times adequate insurance for the protection of said properties, including multi-risk insurance, covering loss or damage to said properties and use and occupancy insurance covering loss of use of said properties. The cost of maintaining all insurance shall be deemed to be an operating charge and shall be paid only from revenues.

Any proceeds derived by said University from any multi-risk insurance shall be applied to the payment of the said University's reasonable and necessary costs in reconstruction, repair or rehabilitation of the said properties and any proceeds derived from any use and occupancy insurance shall be applied in the same manner and to the same effect as gross operating revenues.

SECTION 11. The provisions of this resolution shall constitute a contract between the University of Illinois and the holders of the bonds herein authorized to be issued, and after the issuance of the bonds no changes, additions, alterations or amendments of any kind shall be made to this resolution in any manner, until such time as all of said bonds issued hereunder, and interest thereon, shall be paid in full, or unless and until provision shall have been made for the payment of all bonds hereby authorized and interest thereon in full.

SECTION 12. Any holder of a bond or bonds, or any of the coupons of any bond or bonds, issued under the provisions of this resolution, may either in law or in equity, by suit, action, mandamus or other proceeding, enforce or compel the performance of all duties required by this resolution or the acts under which the bonds hereby authorized are issued, including the fixing, maintaining and collecting of such charges and fees for the use of such properties and all facilities thereof as will be sufficient for all the purposes provided by this resolution, and the application of income and revenue therefrom.

SECTION 13. If any section, paragraph, clause or provision of this resolution shall be held invalid, the invalidity of such section, paragraph, clause or provision shall not affect any of the other provisions of this resolution.

SECTION 14. That Trustees Park Livingston and Frances B. Watkins be and they are hereby designated and directed to execute the said Student-Staff Apartments (Second Unit) Revenue Bonds, together with the President and Secretary of the Board of Trustees of the University of Illinois, and the said President, Secretary and Treasurer of this Board of Trustees, be and they are each of them hereby authorized and directed to execute all instruments, papers, documents and agreements necessary or convenient to accomplish the issue and delivery of the said Student-Staff Apartments (Second Unit) Revenue Bonds to the purchaser thereof.

SECTION 15. That said revenue bonds shall be executed as provided herein as soon after this resolution becomes effective as may be, be deposited with the Treasurer of said University, and be by him delivered to Blyth & Co., Inc., the purchasers thereof, upon receipt of the purchase price, the contract for the sale thereto heretofore entered into be and the same is hereby in all respects ratified and approved. Any

accrued interest or premium derived from the sale of said bonds shall be deposited in the sinking fund hereinabove provided and applied toward payment of interest or principal of said bonds as thereby required, and there shall also be deposited in said sinking fund out of the proceeds of the sale of said bonds a sum which together with the net revenues for the period ending September 1, 1950, will be sufficient to pay interest and Depositary fees due October 1, 1950.

SECTION 16. That this resolution shall be in full force and effect from and after its passage.

Passed ....., 1950.

Recorded ....., 1950.

Attest: President, Board of Trustees

Secretary

STATE OF ILLINOIS }
COUNTY OF CHAMPAIGN } SS

I, ..., do hereby certify that I am the duly qualified and acting Secretary of the Board of Trustees of the University of Illinois, and as such official have charge and custody of the minutes of the meetings and records of the Board of Trustees of said University of Illinois, and as such official I further certify that the foregoing resolution attached hereto, entitled

"RESOLUTION authorizing and providing for the issue of $700,000 Student-Staff Apartments (Second Unit) Revenue Bonds for the purpose of defraying part of the cost of constructing the second unit of Student-Staff Apartments located on Green Street in Urbana, Illinois, prescribing all the details of said bonds, and providing for the collection, segregation and distribution of the revenues of the said Student-Staff Apartments (Second Unit), for the purpose of paying the cost of the maintenance and operation thereof, and payment of the principal of and interest on said revenue bonds,"

is a true, correct and exact copy of the original resolution adopted by the Board of Trustees of the University of Illinois at its regular meeting held on the ..... day of ....., 1950.

IN WITNESS WHEREOF I hereunto set my hand and the seal of said University of Illinois, this ..... day of ....., 1950.

Secretary, Board of Trustees,
University of Illinois

PURCHASES

Purchase Authorized

A. The following purchase was authorized by the President of the University on the recommendations of the Director of Purchases and the Comptroller.

Item	*Department*	*Vendor*	*Cost*
Three National Cash Register Co. bookkeeping and receipting machines #A2209 (66 up) Special 8-8-9	Bursar's Office	National Cash Register Co., Danville	$12 498 45

Purchases Recommended

B. The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

Item	*Department*	*Vendor*	*Cost*
2000 copies (reprint) "Mass Communications," edited by W. Schramm	University Press	Kingsport Press, Inc., Chicago	2 098 00
One detector, mass spectrometer leak, portable for operation 110 volt, 60 cycle	Physics	Distillation Products Industries, Rochester, N.Y.	4 450 00 f.o.b. Rochester

Item	*Department*	*Vendor*	*Cost*
One 300-volt at 0-25 amperes direct current power supply (for digital computer)	Graduate College, Computer	Power Equipment Co., Detroit, Mich.	4 137 00
One Warburg apparatus, 20 unit, refrigerated, 115 volts, 60 cycles, complete with accessories	Food Technology	E. H. Sargent & Co., Chicago	1 649 50 f.o.b. Urbana
48 new eighteen-gauge stainless steel false bottoms for dissecting tables, as per University design	College of Medicine, Anatomy	Central Scientific Co., Chicago	2 968 80
One 13" x 30" geared head lathe with ¾ h.p., 1800 r.p.m., 220 volt, 60 cycle, 3-phase motor, standard taper key drive spindle nose, small face plate, compound rest, and No. 1 tool post assembly; one 8" 4-jaw chuck, one 6" 3-jaw chuck, collets, tool holders, steady rest and follow rest	Industrial Education	R. K. LeBlond Tool Co., Chicago	2 372 15 f.o.b. Cincinnati, Ohio
One Aircraft engine energizer (starter), portable gasoline engine driven, mounted on 4-wheel, pneumatic tired trailer, consists of one energizer generator rated at 28.5 volts, 500 amps., continuous 1000 amp., max., 3500 r.p.m., V belt drive; one Chrysler IND 6 liquid cooled engine	Aeronautical Engineering	General Electric Co., Springfield	1 515 00
One complete freeze-dry package unit (dry-freeze infra-red radiation process) including pump, heater, infra-red heater frame, refrigeration system, cabinet, and accessories	Institution for Tuberculosis Research	Proctor & Schwartz, Inc., Philadelphia, Pa.	7 595 00 f.o.b. delivered and installed
One film processing machine for processing both 16 mm. and 35 mm. perforated and non-perforated film, complete with film tanks, carriages, reel spindles, roller clutch drive mechanisms and drying cabinet to process by negative, positive, or reversal procedures	Photography	Engineering Development Laboratory, Chicago	6 120 00 f.o.b. Chicago
One full revolving crawler mounted gasoline engine powered crane to replace link belt crane purchased in 1929	Physical Plant	L. Z. Howell Co., Chicago	15 740 00 f.o.b. delivered
6000 board feet 5/4"; 2000 board feet 6/4" B and better Northern White Pine, rough kiln dried 6" and wider, 10'-16' lengths	Physical Plant	White Pine Lumber Co., Chicago	2 722 00 f.o.b. delivered
5000 board feet 1" Northern White Pine, B and better, random width and length	Physical Plant	White Pine Lumber Co., Chicago	1 605 00 f.o.b. Urbana
10,000 lbs. soft paste white lead	Physical Plant	Eagle Pitcher Co., Lyons	1 664 00 f.o.b. delivered
Resurfacing of Sixth Street parking lot with 2" of plant-mix asphalt, as per specifications prepared by the Physical Plant Department	Physical Plant	Champaign Asphalt Co., Champaign	3 170 00
Laboratory furniture	Bacteriology, College of Liberal Arts and Sciences	Metalab Equipment Corp., Brooklyn, N.Y.	6 010 75 f.o.b. Urbana
Two sterilizers, horizontal, single wall, 21 ½"x38" I.D., direct steam, monel metal, two shelves, complete with steam strainer and combination pressure reducing and regulator valve, steam trap and check valve on steam	Bacteriology, College of Liberal Arts and Sciences	American Sterilizer Co., Chicago	2 539 35 f.o.b. Urbana
Laboratory furniture for Physiology Laboratory in Room 412 Natural History Building	Physiology, College of Liberal Arts and Sciences	Laboratory Furniture Co., Long Island, N.Y.	2 234 30
		E. H. Sheldon & Co., Muskegon, Mich.	764 20
		Metalab Equipment Corp., Brooklyn, N.Y.	1 122 65
		Total	4 121 15

Item	*Department*	*Vendor*	*Cost*
One 10" laboratory vacuum pan having one square foot of evaporating surface and capacity to evaporate 30 lbs. per hour, with following additional accessories: (1) condenser, (2) reservoir, (3) dual ejector	Food Technology	Buflovak Equipment Division of Blaw-Knox Co., Chicago	1 751 00 f.o.b. Buffalo, N.Y.
One 30 h.p. steam generator for operation on No. 3 oil, motor 3 phase, 60 cycle, 220 volts—100 lbs. per square inch pressure, 1100 lbs. per hour capacity of steam	Food Technology	Cherry-Burrell Co., Chicago	2 749 26 f.o.b. Urbana
Laboratory furniture to equip new laboratories for Food Technology in 207 Dairy Manufactures Building	Food Technology	Laboratory Furniture Co., Long Island, N.Y.	3 546 70 f.o.b. Urbana
400 Carlton #322 or equal, stainless steel pudding pans, $8\frac{11}{16} \times 6\frac{5}{16} \times 2\frac{13}{16}$"; 400 Vollrath #7873, 3½ quart Bain Marie pots stainless steel $7\frac{1}{4} \times 6\frac{13}{16}$"	Animal Hospital, College of Medicine	Edward Don and Co., Chicago	1 587 12
Nine paintings	College of Fine and Applied Arts		
"Figure and Mask," by Abraham Rattner		A. P. Rosenberg & Co., Inc., New York City	1 400 00
"Beaulieu," by Max Beckmann		Buchholz Gallery, New York City	1 100 00
"Faraway," by Charles Rain		Knoedler & Co., Inc., New York City	1 000 00
"Southern Community," by Robert Gwathmey		ACA Gallery, New York City	1 000 00
"Apparition," by Hans Hofmann		Samuel M. Kootz Gallery, New York City	900 00
"New York from Hoboken," by Frederick S. Franck		Van Diemen-Lilenfeld Galleries, New York City	720 00
"Machine Five," by Hedda Sterne		Betty Parsons Gallery, New York City	600 00
"Fragments from Yesterday," by Dean Ellis		Dean Ellis, Lakewood, Ohio	400 00
"Entrance," by Anthony Toney		ACA Gallery, New York City	400 00
		Total	7 520 00
Three automobiles, suburban carryall model, complete with 4-speed transmission, overload springs, heater and defroster, heavy duty grill guard, turn indicator, oil bath air cleaner, oil filter and 700 x 15 wheels and 6-ply tires	Physical Plant	Songer Chevrolet Sales, Catlin	4 948 50
One Model CJ-3A Universal Jeep, complete with passenger seats in front and rear, body top, drawbar, brush guard, and heater and defroster	Physical Plant	Frank S. Owens Co., Bloomington	1 224 95
One panel truck ½ ton capacity, with three forward speeds, heater, oil bath air cleaner, oil filter, and overload springs	Physical Plant	Sullivan Chevrolet Co., Champaign	1 394 00

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED MARCH 1 TO MARCH 31, 1950

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
Michael Reese Hospital School of Nursing	Affiliation of schools accepting candidates for the degree of Bachelor of Science in Nursing	None	August 11, 1949
The Presbyterian Hospital of the City of Chicago (School of Nursing)	Affiliation of schools accepting candidates for the degree of Bachelor of Science in Nursing	None	August 19, 1949
Eli Lilly and Company	Study of mumps vaccine in man	$4 550 00	March 14, 1950
National Advisory Committee for Aeronautics	Study of fatigue strength of certain aluminum alloy	3 610 00	December 19, 1949
United States Department of the Army	Academic instruction for not over fifty military personnel	Rate per contract	September 14, 1949

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
University Microfilms	License to photograph and sell microfilms of "Journal of English and Germanic Philology"	Royalty of 10% of the sales price of each copy sold	December 10, 1949

ADJUSTMENTS IN AUTHORIZATIONS ISSUED PRIOR TO JULY 1, 1949, UNDER COST-PLUS STANDING CONTRACTS

With Whom	*Purpose*	*Amount*
Lewis S. Colbert	Three adjustments	$ 771 01[1]
Reliable Plumbing and Heating Co.	Three adjustments	1 056 98[1]
Schroeder's	One adjustment	120 60
Square Deal Electric	One adjustment	130 41

DONORS OF FUNK FOREST NATURAL AREA

Donors of Land

MRS. BESSIE F. FUNK, McLean, Illinois
MR. GEORGE W. FUNK, McLean, Illinois
MISS FLORENCE M. FUNK, McLean, Illinois
MR. and MRS. W. MCLEAN FUNK, P. O. Box 102, Decatur, Illinois

Donors of Cash

MRS. EUGENE D. FUNK, SR., Shirley, Illinois
MR. and MRS. EUGENE D. FUNK, JR., 1318 East Grove Street, Bloomington, Illinois
MR. and MRS. LA FAYETTE FUNK, Shirley, Illinois
MR. PAUL A. FUNK, Shirley, Illinois
MR. and MRS. THEODORE FUNK, 703 Broadway, Normal, Illinois
MRS. GLADYS FUNK REHTMEYER, Pasadena Drive, Fox Chapel, Pittsburgh 15, Pennsylvania
MR. and MRS. ROBERT MCCORMICK, 502 Broadway, Normal, Illinois
MR. and MRS. WALDO ROTH, Chatham Circle, Kankakee, Illinois
MR. and MRS. LESTER AHROOM, 911 East Oak Street, Kankakee, Illinois
MR. HENRY W. and MRS. HAZEL FUNK HOLMES, 13 Kirkland Place, Cambridge 38, Massachusetts
MR. and MRS. DEANE H. FUNK, McLean, Illinois
MR. and MRS. DONALD S. FUNK, c/o Sangamo Electric Company, Springfield, Illinois
MR. and MRS. JACOB D. FUNK, 2012 La Mesa Drive, Santa Monica, California
MR. WILL and MRS. MADELINE FUNK MCCULLOUGH, 1415 East Grove Street, Bloomington, Illinois
MR. HENRY and MRS. MARY FUNK CAPEN, 12 Country Club Place, Bloomington, Illinois
MR. and MRS. LYLE W. FUNK, c/o Barton, Baton, Durstine & Osborne, Inc., 383 Madison Avenue, New York 17, N.Y.
MR. and MRS. DELOSS FUNK, Shirley, Illinois
MRS. GRACE FUNK BRACKEN, 321 East Chestnut Street, Bloomington, Illinois
MR. and MRS. DWIGHT FUNK BRACKEN, 321 East Chestnut Street, Bloomington, Illinois
MRS. IDELLE K. EWING, 505 Powers Lane, Decatur, Illinois
MRS. MARY B. FUNK, 302 La Fayette Apartments, Bloomington, Illinois
MRS. GRACE CLARKSON FUNK, 125 East 50th Street, Beverly Hotel, New York City, N.Y.
MR. LARRY FUNK, 125 East 50th Street, Beverly Hotel, New York City, N.Y.
MR. and MRS. BEN F. FUNK, Shirley, Illinois
MR. and MRS. ARTHUR FUNK, Shirley, Illinois
MRS. CLARA HUMPHREYS, 301 East Grove Street, Bloomington, Illinois
MR. and MRS. DANA ROLLINS, Shirley, Illinois

[1] Deduct.

TREASURER'S REPORT

STATEMENT OF RECEIPTS AND DISBURSEMENTS
MARCH 1, 1949, TO FEBRUARY 28, 1950

Urbana-Champaign

Balance March 1, 1949		$ 3 435 657 70
Receipts:		
March, 1949	$ 984 205 15	
April, 1949	1 348 080 31	
May, 1949	1 064 142 20	
June, 1949	1 777 713 48	
July, 1949	2 270 694 05	
August, 1949	972 146 16	
September, 1949	1 591 424 82	
October, 1949	1 392 601 29	
November, 1949	1 561 675 10	
December, 1949	952 882 75	
January, 1950	1 217 859 24	
February, 1950	2 124 672 11	
Total receipts		$17 258 096 66
Total balance and receipts		$20 693 754 36
Disbursements (as per cancelled checks returned to Comptroller):		
March, 1949	$1 156 418 64	
April, 1949	1 058 064 21	
May, 1949	825 113 73	
June, 1949	2 468 944 83	
July, 1949	1 899 325 21	
August, 1949	1 208 735 84	
September, 1949	831 957 24	
October, 1949	1 829 819 03	
November, 1949	2 018 915 81	
December, 1949	1 025 987 84	
January, 1950	1 161 374 09	
February, 1950	1 609 621 36	
Total disbursements		$17 094 277 83
Balance on hand, February 28, 1950 (on deposit at First National Bank of Chicago)		$ 3 599 476 53

Chicago

Balance March 1, 1949		$ 855 257 74
Receipts:		
March, 1949	$ 551 848 89	
April, 1949	567 736 80	
May, 1949	406 620 78	
June, 1949	537 052 20	
July, 1949	304 589 93	
August, 1949	452 355 07	
September, 1949	523 157 25	
October, 1949	705 114 63	
November, 1949	716 688 91	
December, 1949	350 681 89	
January, 1950	495 692 19	
February, 1950	422 280 32	
Total receipts		$ 6 033 818 86
Total balance and receipts		$ 6 889 076 60

Disbursements (as per cancelled checks returned to Comptroller):		
March, 1949	$ 590 654 96	
April, 1949	556 141 76	
May, 1949	389 508 20	
June, 1949	442 888 01	
July, 1949	507 348 65	
August, 1949	417 267 55	
September, 1949	468 060 94	
October, 1949	825 186 63	
November, 1949	573 135 04	
December, 1949	432 248 79	
January, 1950	470 803 67	
February, 1950	294 329 74	
Total disbursements		$ 5 967 573 94
Balance on hand, February 28, 1949 (on deposit at First National Bank of Chicago)		$ 921 502 66

Galesburg

Balance March 1, 1949		$ 79 605 66
Receipts:		
March, 1949	$ 134 497 31	
April, 1949	44 994 30	
May, 1949	42 621 87	
June, 1949	29 419 89	
July, 1949	92 107 06	
August, 1949	11 352 75	
September, 1949	10 740 58	
October, 1949	None	
November, 1949	None	
Total receipts		$ 365 733 76
Total balance and receipts		$ 445 339 42
Disbursements (as per cancelled checks returned to Comptroller):		
March, 1949	$ 124 567 38	
April, 1949	54 199 43	
May, 1949	43 162 97	
June, 1949	30 206 39	
July, 1949	74 388 97	
August, 1949	70 095 35	
September, 1949	37 558 71	
October, 1949	20 00	
November, 1949	11 140 22	
Total disbursements		$ 445 339 42
Balance on hand, February 28, 1950 (on deposit at First National Bank of Chicago)		None
Total balance, February 28, 1950		$ 4 520 979 19

LLOYD MOREY, *Comptroller*
IRVIN L. PORTER, *Treasurer*

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

May 19-20, 1950

The May meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, at the University, in Urbana, on Friday, May 19, and Saturday, May 20, 1950, according to the following shedule:

Friday, May 19, 8:00 p.m. — Executive session as in Committee of the Whole.

Saturday, May 20, 9:30 a.m. — Open session.

When the Board convened in executive session on Friday evening, the following members and officers were present: President Williamson, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins; Mr. Livingston took his place with the Board during the evening.

Provost Griffith was present; also Dr. A. C. Ivy, Vice-President in charge of the Chicago Professional Colleges, Mr. A. J. Janata, Assistant to the President, Mr. H. E. Cunningham, Secretary, Mr. Lloyd Morey, Comptroller, and Dean C. C. Caveny of the Chicago Undergraduate Division.

MATTERS PRESENTED BY PROVOST GRIFFITH

The Board considered the following matters presented by the Provost acting for the President of the University.

RATES OF PAY FOR BUILDING TRADES

(1) The Board of Trustees has authorized the appointment of a fact-finding committee to make an investigation of wage rates in Piatt County to be paid for construction work at Robert Allerton Park and report on the same to the President of the University and to the Board of Trustees. This Committee is composed of one member appointed by the Illinois State Federation of Labor, one member appointed by the President of the University, and a third member selected by the first two; provided that if they do not agree upon a candidate within ten days the Director of the State Department of Public Works and Buildings shall be asked to appoint the third member.

The personnel of this Committee is Mr. Robert L. Gordon, Urbana, former Director of the State Department of Labor, Mr. Donald E. Dickason, Director of Nonacademic Personnel, and Mr. Winfield Meyer, Deputy Director of the State Department of Public Welfare.

At a hearing held recently, Mr. Meyer of this Committee brought to the attention of Director Dickason a memorandum of agreement entered into between the State Department of Labor and the international representatives of several building trade unions specifying how rates of pay for building tradesmen in the employ of the state of Illinois shall be determined. On June 28, 1949, the Governor authorized the Director of the State Department of Labor to distribute this agreement to the Code Departments and the elected state officials. This agreement has never been brought to the attention of the University of Illinois officially and, in fact, was not known to University officials until it was shown to the Director of Nonacademic Personnel informally by the Deputy Director of the Department of Public Welfare.

This matter was discussed at length.

The Provost recommended that no action be taken to change the agreement now in effect, but that the fact-finding committee continue its investigation on the basis of the existing agreement.

No action was taken.

LEAVE OF ABSENCE FOR DEAN LOUIS N. RIDENOUR

(2) Dean Louis N. Ridenour of the Graduate College has requested leave of absence without pay for the period July 1, 1950, to September 1, 1951, to accept an assignment as Special Assistant to the Secretary of the Air Force, for Development. The Secretary has formally requested the University to make Dean Ridenour's services available.

The President recommends that Dean Ridenour be granted leave of absence for the period indicated, one month (July) to be with pay to cover normal vacation allowance and the balance of the leave from August 1, 1950, to September 1, 1951, to be without pay.

Dean Ridenour expects to keep in close touch with the University and to make visits to the campus periodically during the period of his leave of absence to consult with his staff and other administrative officers regarding University matters.

I recommend that the President be authorized to make the necessary provisions for the administration of the Graduate College during Dean Ridenour's absence.

On motion of Mr. McLaughlin, this leave was granted as recommended.

PURCHASE OF PROPERTY AT 1005 WEST NEVADA STREET, URBANA

(3) It is necessary to provide additional space and more adequate quarters for the Psychological Clinic, now housed at 404 South Mathews Avenue, Urbana. This building must eventually be vacated because it is on a part of the site of the proposed Biology Building.

The University has an opportunity to purchase the property at 1005 West Nevada Street, Urbana, which has been offered at a price of $58,500. Action in the

near future is necessary to secure it at that figure. The house on the property is large and has been well maintained. Remodeling and extension of utilities to make it usable by the Psychological Clinic is estimated to cost $15,000. A specific recommendation on that will be submitted later if the Board approves the purchase of this property.

In addition to the immediate use which can be made of this property, it is in an area of contemplated campus development. The south end of the property joins the campus; the University also owns the adjoining properties at 1003 and 1001 West Nevada to the east.

The Board of Trustees has authorized negotiations (Minutes, January 12, 1950, page 964) for acquisition of properties of this kind in Urbana-Champaign.

The Provost, the Comptroller, and the Director of the Physical Plant recommend the purchase of this property.

I concur and request that the officers of the Board of Trustees be authorized to conclude the necessary contracts, subject to the release of funds by the Governor from the State appropriation for land acquisition.

On motion of Mr. Hickman, this purchase was authorized as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Livingston, Dr. Meyer, Mr. Stevenson.

At this point, Mr. Livingston took his place with the Board.

USE OF UNIVERSITY BUILDINGS FOR POLITICAL MEETINGS

(4) A report of replies to a questionnaire sent to presidents of the universities in the Association of American Universities, on their practice with respect to political meetings in university buildings (see Minutes, April 19, 1950, page 1068).

The Secretary presented in this connection a summary of replies to a questionnaire sent out by him on request of Mr. Wirt Herrick, Chairman of the Committee on General Policy, to whom the matter had been referred.

After discussion, action was deferred to the June meeting. The Secretary was requested to send full information to all the members of the Board.

COMMITTEE ON CHICAGO DEPARTMENTS

Mrs. Watkins presented the following report of a meeting of the Committee on Chicago Departments held in Chicago April 21, 1950.

Present: Dr. Karl A. Meyer, Chairman, Mrs. Frances B. Watkins, and Mr. Park Livingston, members of the Committee; also Dr. A. C. Ivy, Mr. Lloyd Morey, Mr. C. S. Havens, Mr. C. H. Bowman, Mr. H. A. Hazleton, Mr. H. W. Pearce, and Mr. Amos Watts.

Mr. Morey presented a report on the offer, conveyance, and lease prepared by the Medical Center Commission for use in connection with the Chicago housing projects. He reported that the documents were a complete revision of those originally prepared by Chapman and Cutler and did not conform to the actions of the Board of Trustees on April 21, 1949, which action resulted from principles arrived at in a conference between representatives of the University, the Medical Center Commission, and the Equitable Life Assurance Society of the United States on March 29, 1949.

Mr. Morey indicated that the most important points of difference were as follows:

A. No provision for University approval of the letting of all contracts.

B. No provision for supervision of construction by the University.

C. The rental to be paid by the University to the Medical Center Commission is not limited to the amount necessary to amortize the loan.

After thorough discussion, Mr. Livingston moved that plans and specifications not be delivered to the Medical Center Commission until complete agreement had

been reached between the University and the Medical Center Commission on the details of the offer, conveyance, and lease and that Mr. Amos Watts of Chapman and Cutler be authorized and directed to confer with representatives of the Medical Center Commission in an effort to reach agreement on an offer, conveyance, and lease in accord with the principles approved by the Board of Trustees on April 21, 1949, as represented in the original documents prepared by Chapman and Cutler and amended by the University.

The motion was seconded by Mrs. Watkins and unanimously approved by the Committee.

Dr. KARL A. MEYER, *Chairman*
Mrs. FRANCES B. WATKINS
PARK LIVINGSTON

H. A. HAZLETON, *Clerk*

Dr. Ivy, the Provost, and the Comptroller commented on this matter.

On motion of Mrs. Watkins, the report of the Committee was approved, and the Comptroller was directed to have a lease prepared for presentation to the Medical Center Commission.

HEARING COMMITTEE, CASE OF MR. THOMAS R. ALLEN

The Secretary presented the following communication from the Director of Nonacademic Personnel:

May 11, 1950

Mr. H. E. Cunningham, Secretary
Board of Trustees
University of Illinois
363 Administration (W)

DEAR MR. CUNNINGHAM:

Under the Civil Service Law and Rules, written charges as grounds for request for discharge have been filed against Thomas R. Allen, Storekeeper in the Department of Chemistry on Navy Pier, by his supervisor, Dr. Carl R. Meloy, Chairman of the Division of Physical Sciences. These charges are supported by Dr. H. W. Bailey, Associate Dean of Liberal Arts and Sciences at the Pier.

Under the established procedure, Mr. Allen was suspended on May 4, 1950, pending the hearing of these charges.

The charges are as follows:

1. Habitual tardiness
2. Failure to follow written instructions
3. Breaking of department rules
4. Failure to establish adequate inventory records
5. Working personal project during working hours
6. Lack of supervisory aptitude
7. Failure to take proper precautions for security and care of University property
8. Lack of proper attitude and cooperation toward other staff members
9. Attempt to falsify records for absence

Will you please request the Board at its next meeting to appoint the customary hearing committee to hear these charges and to make recommendations to the Board as to subsequent action?

Very truly yours,
DONALD E. DICKASON
Director

Dean Caveny commented on this matter.

On motion of Mr. Hickman, the President of the Board was authorized to appoint a committee to hear the charges and to report a recommendation to the Board. President Williamson appointed the following committee: Frank T. Maher, Warren O. Brown, Clarence Carlson.

The Board adjourned, at 12:15 a.m.

SESSION OF SATURDAY, MAY 20, 1950

When the Board convened in open session at 9:30 a.m. on Saturday, May 20, the following members were present: President Williamson, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins.

Provost Griffith was present; also Mr. A. J. Janata and Mr. Wilbur Schramm, Assistants to the President, Mr. H. E. Cunningham, Secretary, Mr. Lloyd Morey, Comptroller, Dean C. C. Caveny of the Chicago Undergraduate Division, Mr. E. L. Stouffer, Architect, Mr. S. E. Thompson, Director of Housing, Mr. H. O. Farber, Assistant Comptroller, and Mr. J. F. Wright, Director of Public Information.

APPOINTMENTS TO THE FACULTY MADE BY THE PRESIDENT OF THE UNIVERSITY

The Secretary reported that the President has approved the following new appointments to the faculty of the rank of Assistant Professor and above since the previous meeting of the Board of Trustees:

1. RUPERT N. EVANS, Assistant Professor of Industrial Education, beginning September 1, 1950, at an annual salary of $4500.
2. MARK H. LEPPER, Associate Professor of Preventive Medicine, beginning March 20, 1950, at an annual salary of $7500.
3. ORA L. RAILSBACK, Professor of Physics, and Head of the Department (Undergraduate Division in Chicago), beginning September 1, 1950, at an annual salary of $7500.

On motion of Mrs. Watkins, these appointments were confirmed.

MATTERS PRESENTED BY THE PROVOST

The Board considered the following matters presented by the Provost acting for the President of the University.

CONTRACTS FOR REMODELING OF PHYSICAL PLANT SERVICE BUILDING

(1) As authorized by the Board of Trustees on April 19, 1950 (Minutes, page 1080), bids have been received for the remodeling of the Physical Plant Service Building. A complete report of bids is presented.

The Dean of the Graduate College, the Chairman of the Building Program Committee, the University Architect, and the Comptroller recommend an award of a contract for the general work to the John Felmley Company, Urbana, Illinois, on the basis of their lowest base bid of $241,000, adjusted for the following alternates which they recommend be accepted:

General work—John Felmley Company		$241 000
1. Omit finishing of concrete ceilings—deduct	$ 4 500	
2. Omit general fireproofing of structural steel—deduct	10 000	
3. Substitute haydite block partitions for Cemesto—deduct	2 000	
4. Provide hollow metal doors at the main entrance in order that entrance and stairs may comply with safety and fire standards—add	500	
5. Omit all metal shielding for the Digital Computer Room—deduct	66 000	−82 000
Net Total		$159 000

For the electrical work, alternate bids were taken on substituting incandescent for fluorescent lighting. It is recommended that the electrical contract be awarded to R. A. Bland Electric Company, Champaign, Illinois, which, on the basis of the alternate bid, is the lowest bidder, at a net figure of $36,665.

For the mechanical work, it is recommended that awards be made to the lowest bidders as follows:

Heating contract—Reliable Plumbing and Heating Company, Champaign	$28 308	
Plumbing contract—W. T. Mahoney & Sons, Chicago	11 180	
Pipe covering contract—Bellis & Miller, Champaign	4 350	
Ventilating contract—Schroeder's Ventilating, Champaign	17 211	61 049
Total		$256 714

A budget of the project is submitted showing it can be completed for $320,000, as estimated on April 19. (The sum of $9,000 has been expended for plans and specifications as authorized by the Board on November 19, 1948.)

The sum of $207,500 is available in the State appropriation for capital purposes, subject to release by the Governor. The remainder, or $112,500, will require an appropriation from the General Reserve.

I recommend that (1) these contracts be awarded and that the Comptroller and the Secretary of the Board be authorized to execute them; (2) a supplementary appropriation of $112,500 be made from General Reserve for this project.

On motion of Mr. Livingston, contracts were awarded and authority given as recommended. The appropriation was made by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stevenson.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(2) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

OLIVER JOHN ARNOLD (Mo.)
ROBERT WILLIAM BALTZ (N.Y.)
ROBERT F. HARTE (Mo.)
JACK STEWART LINDEN (Mich.)
JESS H. RICE (D.C.)
ORUS BURKE WORKMAN, JR. (Mo.)

I concur.

On motion of Mr. Nickell, these certificates were awarded as recommended.

APPOINTMENTS TO THE 1950 SUMMER SESSION STAFF

(3) I submit the budget for the 1950 Summer Session. It provides for an eight-week session at Urbana-Champaign and the Chicago Undergraduate Division (see Appendix, page 1138).

Salaries of all members of the faculty who are recommended for appointments to the Summer Session staff are computed on the basis of two-ninths of the salary of the academic year for two months of summer service. This is in accordance with the terms of employment of the academic, administrative, research, and extension staffs authorized by the Board of Trustees on January 8, 1948 (Minutes, page 952). No additional compensation is paid to staff members whose regular appointments require services on a full-year basis.

The budget totals $538,494 for Urbana-Champaign, $91,186 for the Chicago Undergraduate Division, and $20,000 to be assigned by the Dean of the Summer Session in terms of enrollment demands.

I recommend that:

1. The appointments to the Summer Session staff and the allocation for unassigned salaries be approved as submitted.

2. The President of the University be authorized to make such changes and adjustments, including additional appointments and acceptance of resignations, as are necessary in accordance with the needs of the University.

There is also submitted a separate list of appointments of persons who are being appointed for the Summer Session only and are not on the permanent faculty although some of them have served in previous summer sessions.

On motion of Mr. McLaughlin, these recommendations were adopted.

RELEASE OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

(4) The Governor has approved the following releases of funds from appropriations made to the University of Illinois for 1949-1951 for buildings and other capital improvements:

Release No. 25

"For Equipment for Buildings Enumerated Above (i.e., in the appropriation Act) at Urbana-Champaign" ..... $ 190 000
This is a partial release from an appropriation of $365,000. The funds now released are for movable equipment for the Animal Sciences Laboratory.

Release No. 26

"For Permanent Improvements at Chicago Construction of Utility Distribution System and Remodeling of Existing Buildings" 26 900
This is a partial release from an appropriation of $190,000. The funds now released are for installation of new water services in the Illinois Surgical Institute.

Release No. 27

"For Permanent Improvements at Urbana-Champaign Construction of Animal Science Laboratory" 2 097 500
This is the major release from an appropriation of $2,160,000. The Governor has previously released (Release No. 11) $62,500 for architectural and engineering services for this project. The funds now released are for the construction of the Animal Sciences Laboratory.

I recommend that the funds released be appropriated for the purposes specified.

On motion of Mr. Livingston, these funds were appropriated as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stevenson.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(5) The Committee on Nonrecurring Expenditures recommends assignments from the General Reserve Fund for the following purposes:

Urbana-Champaign

1. College of Fine and Applied Arts—equipment for Department of Art	$ 3 200
2. College of Engineering—lecture tables for Physics Laboratory	3 500
3. Robert Allerton Park—equipment and remodeling	30 000

Chicago Professional Colleges

4. College of Medicine	
Equipment for Department of Radiology	5 940
Equipment for Department of Preventive Medicine	7 550
5. College of Dentistry—equipment for courses in dentistry for children	1 000
6. College of Pharmacy—alterations in Room 406 of the Medical and Dental College Laboratories Building	600
7. Chicago Illini Union Building—installation of folding partitions in third floor conference room	2 000
Total	$53 790

I concur.

These proposed improvements have been carefully studied by the Committee on Nonrecurring Appropriations. Its reports giving details of the reasons for these improvements are submitted herewith.

On motion of Dr. Meyer, these appropriations were made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stevenson.

APPROPRIATION AND CONTRACT FOR REPOWERING PHYSICS LABORATORY

(6) The repowering and relighting of the Physics Laboratory have been an urgent need for many years. Detailed plans were made during the biennium of 1947-1949 and an appropriation was made by the Board on November 19, 1948 (Minutes, page 174), for the first phase of this project. It provided for the installation of primary power including a 500 kva transformer.

Bids have been received for the second phase of the project which provides for the modernization of the power facilities and electrical distribution equipment and wiring.

Bids were also requested for the alterations and general work required as a part of the electrical modernization. No bids were received, but the Physical Plant Department will be able to do this work. It is estimated that $17,000 will be required for the general work, incidental engineering expense, field services, and direct University costs to complete this part of the project.

Graham, Anderson, Probst, and White, Inc., Architects and Engineers, Chicago, who completed the plans for this project, are willing to undertake the additional engineering work on the same terms as in previous agreements: the actual salaries paid to engineers, draftsmen, and others engaged in the work, the cost of blueprints, plus 100 per cent, plus travel expense, if any. They also offer the services of a field engineer on the basis of actual salary paid plus 10 per cent, plus travel and living expense while in Urbana.

The Committee on Nonrecurring Appropriations has reviewed this project and recommends an appropriation of $120,325.

The Director of the Physical Plant and the Comptroller recommend the award of a contract for $103,325 to Anderson Electric Company and employment of Graham, Anderson, Probst, and White, Inc., for the additional engineering work including services of a field engineer, at an estimated cost of $8,000.

I concur and recommend (1) an appropriation of $120,325 for the second phase of the project to repower and relight the Physics Laboratory, and (2) that the Comptroller and the Secretary of the Board be authorized to execute contracts with the Anderson Electric Company and Graham, Anderson, Probst, and White, Inc., in accordance with the terms described above.

On motion of Mr. Livingston, this appropriation was made and authority was given as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stevenson.

CONTRACTS FOR FIRE PROTECTION IMPROVEMENTS NATURAL HISTORY BUILDING

(7) As a part of the fire protection improvements on the Urbana campus, bids have been received for the construction of a stair tower at the north center entrance of the Natural History Building, the enclosure of light wells, removal of the east open stairs in the north wing, and conversion of such areas for other use.

A serious fire hazard exists in this building. The north section is of mill construction and is particularly vulnerable. The stair wells serving five floor levels are not enclosed and open light wells exist at the third and fourth floor levels, all of which would be serious hazards in the event of fire. The fifth floor is served by only one means of egress, and that is of non-fireproof construction.

The State appropriations for 1949-1951 for building and other capital improvements at the University include an item "Additions to Power and Heating Plant and Remodeling of Existing Buildings, $1,258,000," of which $880,000 has been budgeted for the additions to the power and heating plant and $420,000 for remodeling of existing buildings. The improvements in the Natural History Building, with an estimated total cost of $62,500, have a high priority among remodeling projects.

The Director of the Physical Plant and the Comptroller recommend the award of a contract for $57,495, subject to the release of funds by the Governor, to C. A. Petry and Sons, Champaign, Illinois, the lowest bidder.

I concur and request that the Comptroller and the Secretary of the Board be authorized to execute the contract subject to the release of funds by the Governor.

On motion of Mr. Fornof, this contract was awarded and authority was given as recommended.

CONTRACT FOR INSTALLATION OF ELECTRICAL EQUIPMENT IN ABBOTT POWER PLANT

(8) The Director of the Physical Plant and the Comptroller recommend the award of a contract for $64,306 to A. S. Schulman Electric Company, Chicago, the lowest bidder, for furnishing and installing electrical equipment as part of the addition to the Abbott Power Plant. The contract work will include connection of the electrical service on all equipment to be installed by other contractors, such as the turbine; the unloading, erection, and connection of equipment purchased and delivered to the site; installation of the main cable and all other inside plant wiring, control circuits within the plant, and complete grounding system for all equipment.

Funds are available in the State appropriation for "Additions to Power and Heating Plant and Remodeling of Existing Buildings."

I concur and request that the Comptroller and the Secretary of the Board be authorized to execute the contract, subject to the release of funds by the Governor.

On motion of Mr. Herrick, this contract was awarded and authority was given as recommended.

CONTRACT WITH CITY OF URBANA FOR DISPOSAL OF UNIVERSITY GARBAGE

(9) The University uses the city dump of Urbana for disposal of its garbage, delivery to that place being made by the University. Local facilities are in need of improvement. In 1948, after a discussion between officials of the cities of Champaign and Urbana and representatives of the University, the engineering firm of Greeley and Hansen was engaged for a study of the problem, with the understanding that the University would pay one-fifth of the total expense (Minutes, November 19, 1948). Their report recommends that the "land-fill" method be followed as the most economical for the community and the University.

A recent study of the operations for the past year indicates that the proportion of operating costs which should be assumed by the University is approximately 30 per cent. The city of Urbana has requested that the University agree to assume this proportion of the cost until further notice, effective July 1, 1949, payments to be made quarterly, with the understanding that either party on reasonable notice may request in any given fiscal period that checks be made of deliveries to the dump in order to determine more accurately the University's proportion of such deliveries, and that the proportionate share paid by the University would be subject to adjustment in succeeding fiscal periods based on such a check. For the purpose of the agreement, "costs" shall be interpreted to mean land rental, wages and expenses in the operation of the dump, equipment purchases, and replacement costs. The Physical Plant Department has included funds in its budget for the current fiscal year sufficient to meet these expenses. It is estimated that for the year 1949-1950, the University's share on the above basis will not be in excess of $4,200.

The Director of the Physical Plant and the Comptroller recommend that the University enter into such a contract for the biennium ending June 30, 1951, and to continue for succeeding periods until otherwise modified, subject to constitutional and statutory restrictions limiting commitments to each successive biennial period.

I concur and recommend that the Comptroller and the Secretary of the Board

be authorized to execute such a contract when prepared and approved by the Office of the Legal Counsel.

On motion of Mr. Nickell, this contract was approved and authority was given as recommended.

CONTRACT FOR NEW ROOF ON TRANSPORTATION BUILDING

(10) The roof on the Transportation Building, which was constructed in 1913 and has been in service for thirty-seven years, consists of slate shingle laid on horizontal wood shingle strips. The roof has deteriorated to such extent that further repair is impractical and complete replacement is necessary to prevent damage to the building and contents. The replacement job has been deferred because of shortages of material, labor, and of funds in previous years.

Bids have been secured on the furnishing and installing of a new slate roof including copper valleys, ridge roll, and flashing above the cornice line.

The Director of the Physical Plant and the Comptroller recommend award of a contract for $9,176 to Henry Reuter and Sons, Kankakee, the lowest bidder, for this phase of the work.

In addition to this contract, there will be the general work of removing existing slate, installation of new wood sheeting, removal and replacement of wood cornice framing, removal and replacement of the copper cornice, and installation of new gutters and flashing.

The Physical Plant Department has proposed to do this at an estimated cost of $31,400.

Funds are available for this project.

I recommend that this improvement, and award of the contract, be authorized.

On motion of Mr. McLaughlin, this contract was awarded as recommended.

CONTRACT FOR HEATING SYSTEM ON FIFTH FLOOR OF NATURAL HISTORY BUILDING

(11) The Director of the Physical Plant and the Comptroller recommend the award of a contract of $4,300 to J. L. Robinson, Urbana, the lowest bidder, for heating system changes on the fifth floor of the Natural History Building. Funds were appropriated by the Board of Trustees on February 16, 1950 (Minutes, page 995), for remodeling and equipping of this area for the Department of Physiology.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Livingston, this contract was awarded and authority was given as recommended.

ANNUAL COMPILATION OF FACULTY PUBLICATIONS

(12) The Graduate College has been publishing annually a compilation of faculty publications pursuant to an action taken by the Board of Trustees on December 28, 1908.

In the opinion of the Dean of the Graduate College and of the University Research Board of which he is Chairman, this annual compilation is no longer of sufficient importance and value to justify the publication costs.

I concur in his recommendation that this practice be discontinued.

On motion of Mrs. Watkins, this publication was discontinued as recommended.

REVISION OF BY-LAWS OF ATHLETIC ASSOCIATION

(13) The Board of Directors of the University of Illinois Athletic Association has revised its by-laws, and they are submitted to the Board of Trustees for approval (see Appendix, page 1154).

The revisions are chiefly in the area of business operations. The Comptroller has worked closely with the Athletic Association in preparing the revisions. The changes result in clarification of procedures, particularly in purchasing and contracting, and in reduction of procedures to the minimum necessary to maintain adequate internal check.

I recommend approval of the revised by-laws.

On motion of Mr. Livingston, the revised by-laws of the Athletic Association were approved as recommended.

ADJUSTMENT OF FEES IN THE CHICAGO PROFESSIONAL COLLEGES

(14) On May 27, 1941, the Board of Trustees (Minutes, page 297) adopted a resolution establishing a student fee for the use of the Medical and Dental College Laboratories Building in Chicago to provide for the operation and maintenance of the building and for the debt service on the revenue bonds issued to finance the construction of the second unit. The effect of this action was to maintain the fee schedule at about the same total but to segregate a part of the total for the purposes indicated.

The debt obligation has been paid and the trust terminated, so that the segregation of a part of the total fee for the use of the building should be discontinued.

An annual appropriation of $62,000 for the operation and maintenance of this building has been made from this fee income during the period the bonds have been outstanding. This provision must be continued, and the funds will come from general appropriations to the University. There is a possibility that the remaining portion of the segregated amount may be needed to help finance a housing program at the Chicago Professional Campus. In any event, it is now required that the total fee structure be readjusted to eliminate the special fee but without a reduction in the total fees charged at the Chicago Professional Colleges.

There are submitted schedules of the present fees and the proposed fees (see Appendix, pages 1158 and 1159). The Committee on Fees and Scholarships has reviewed this proposal and recommends its adoption.

I concur.

On motion of Mr. Hickman, this recommendation was adopted.

COMPTROLLER'S REPORT OF CONTRACTS

(15) The Comptroller's report of contracts executed, and of changes and adjustments made during the month of April, 1950 (see Appendix, page 1158).

This report was received for record.

PURCHASES

(16) A report of (A) emergency purchases authorized and (B) purchases recommended (see Appendix, page 1160).

On motion of Dr. Meyer, the action of the President of the University in authorizing emergency purchases was approved and confirmed, and the purchases recommended were authorized.

QUARTERLY REPORT OF THE COMPTROLLER

(17) The Comptroller presents his quarterly report to the Board as of March 31, 1950.

This report was received for record.

CHANGES IN PROVISIONS FOR DEATH BENEFITS AND DISABILITY AND RETIRING ALLOWANCES

(18) On December 13, 1924, the Board of Trustees established in the University of Illinois Statutes provisions for retiring allowances and death benefits for faculty and other employees. This plan was replaced by the present "University Retirement System of Illinois" established by an Act of the General Assembly in 1941.

On August 5, 1941, the Board of Trustees adopted a resolution terminating the application of the old system of retiring allowances and death benefits to those members of the staff who thereafter came under the new University Retirement System and provided a revised plan for those continued under the old system and for new employees not eligible to participate in the new system.

The old plan was set up on the basis of paying a part of each employee's salary for current services in cash and part in the form of retiring allowances and death benefits representing deferred payments.

The schedule of retiring allowances and death benefits provided by the resolution of the Board of Trustees of August 5, 1941, for employees not participating in the University Retirement System is no longer completely effective, since it is limited to employees on permanent and continuous employment. Changes in the University Retirement System made by the General Assembly provide that all

permanent and continuous employees must participate in this system except those participating in other tax-supported retirement systems. Prior to such amendments permanent and continuous employees less than thirty years of age, and others not automatically included, had the option of participating.

Provisions for disability and death benefits for employees not covered by the University Retirement System are desirable. These are mostly members of the faculty of the rank of assistant and others on limited tenure, and nonacademic employees with fewer than six months of service.

Present disability benefits payable by the University are adequate for staff members on such limited service. It is proposed that a death benefit be paid to the heirs or beneficiaries of such staff members in the sum of $500, after six months of employment.

A committee on the University Retirement System, representative of the faculty and various employee groups, has recommended that the resolution of the Board of Trustees of August 5, 1941, be revised to read as follows, so that its provisions will be consistent with present retirement legislation and will make available the benefits specified to employees not eligible to participate in the University Retirement System of Illinois:

Be it further resolved, that

1. From and after September 1, 1941, all employees of the University who are not certified as Participating Employees under "An Act to provide for the creation, maintenance, and administration of a Retirement System for the benefit of the staff members and employees of the University of Illinois and of certain other state educational and scientific agencies," approved July 21, 1941, as amended, shall be employed under contracts which shall provide among other things that compensation for their services shall be paid to them by the University as follows, to wit:

A. Such part thereof in cash as the Board shall from time to time fix and determine, to be paid to them for such time only as they shall satisfactorily perform the services of their respective employments.

B. A part thereof in the value of a death benefit to be provided or secured by the Board of Trustees for them, or their respective heirs, legal representatives, assigns, or designated beneficiaries, in the amount of $500, after six months of employment.

Provided, however, that in the event compensation for a death is payable under the State Workmen's Compensation Act, or a death benefit, in excess of contributions paid by the employee, is payable to him by any tax supported retirement system of the State of Illinois, or by the Federal Civil Service Retirement System, the death benefit payable hereunder shall be reduced by the amount of such other compensation or death benefit.

2. Rights to benefits of present employees, originally employed prior to May 20, 1950, as provided for under the resolution of the Board of Trustees of August 5, 1941, shall not be affected by this resolution.

3. All rights and claims of any employee in or to death and disability benefits are forfeited, and shall cease, with the termination of service of such employee for the University, whether such termination is voluntary or otherwise. The requirements of the University Retirement Act as to the age of retirement shall apply to employees covered by this resolution.

4. The term "employee" as used herein shall include all members of the educational, administrative, secretarial, clerical, mechanical, and labor staffs, who are not participants in the University Retirement System, but shall exclude all student employees of the University who are paid an hourly wage.

5. The Board of Trustees reserves the right to alter, modify, or annul all or any part of the provisions for compensation of employees as provided herein, at the end of any academic year, without liability, and all claims and rights of employees hereunder shall be subject to such modifications, alterations, or termination; nevertheless, all subject to the provisions and limitations of the State statute referred to in Section II of this resolution.

I concur.

On motion of Dr. Meyer, this recommendation was adopted.

ARCHITECTURAL SERVICES FOR REMODELING OF RESEARCH AND EDUCATIONAL HOSPITALS

(19) The State appropriations to the University for 1949-1951 include $7,395,000 for "Construction of Addition to present Hospital." Contracts awarded by the Board of Trustees for the construction of a hospital addition indicate that it can

be completed for less than the amount appropriated, leaving an estimated balance of $1,114,492.

The construction budget includes $568,980 for remodeling in the present Research and Educational Hospitals required as a result of the construction of the new addition, leaving an unallotted balance of $545,512. There is also an allocation of $176,875 in the "Contingencies" appropriation for buildings in Chicago available for remodeling making a total of $722,387 for this purpose.

Two proposals have been made for the possible use of these balances:

1. Remodeling work in the existing Research and Educational Hospital buildings, in addition to the work contemplated in the item of $568,980. This would provide for some of the modernization of the existing hospital buildings originally scheduled for the 1951-1953 biennium.

2. Reduce the indebtedness on the Medical Center Steam Company plant which would result in a saving in the operating budget of the University. When this project was being discussed with the State Director of Finance, he suggested that consideration be given to such use of any unexpended funds.

It is not certain that the funds available can be used for either of these two purposes. The matter will have to be discussed with the Auditor of Public Accounts and the State Director of Finance, and the decision will rest largely on the interpretation of the appropriation acts by these officials. Approval of the Governor would then be necessary. Preliminary discussions with the Assistant to the Legal Counsel indicate that there is more likelihood of obtaining the funds for reducing the Steam Plant indebtedness than for remodeling and modernization of present buildings. There is also a question of how much remodeling and modernization work can be completed during the current biennium before the appropriations lapse.

This matter has been studied by the Provost, the Vice-President in charge of the Chicago Professional Colleges, the Comptroller, and the Director of the Physical Plant. They recommend that a complete study of all needed remodeling be made, classified as to stages and categories of work. They further recommend that Holabird and Root and Burgee, architects for the hospital addition, be employed to prepare plans for this remodeling estimated to cost $1,550,000. Payment to the architects will be 7 per cent of the cost of the work less a credit of 1 per cent for preliminary work done by the University, or a net fee of 6 per cent for this phase of the work. The total estimated cost of such services is $70,000 for plan preparation plus an additional $23,000 to be paid when and if the remodeling work is done.

I concur.

On motion of Mr. Nickell, this recommendation was adopted.

REPORT OF APPLICATION FOR FEDERAL FUNDS FOR ADVANCE PLANNING

(20) Public Law 352 enacted by the Eighty-first Congress provides additional funds to be loaned by the federal government to states and their political subdivisions to complete the plan preparation of public works. The Board of Trustees at its meeting on January 12, 1950, authorized an application for funds to prepare the plans and specifications of five buildings at an estimated total cost of $846,000 as follows:

Biology Building	$225 000
Pharmacy Building	247 500
Student and Staff Housing	135 000
Law Building	103 500
Psycho-Educational Clinic	81 000
Physics Building Addition	54 000
	$846 000

The University was advised that funds were not available to approve the entire request, and the Board of Trustees on March 14, 1950, authorized an adjustment in the request for federal funds, limiting the application to preliminary plans for the Biology and Pharmacy buildings.

The University has been advised that the Bureau of Community Facilities Service of the General Services Administration has approved allocations of federal funds of $75,000 for advance planning for the construction and equipping of the Biology Building and of $152,000 for the advance planning for the construction and equipping of a Pharmacy Building.

This report was received for record.

REPORT OF GIFTS AND GRANTS RECEIVED BY THE UNIVERSITY

(21) The following gifts and grants of funds have been received by the University during the current fiscal year or since July 1, 1949. They have been accepted by the President in accordance with the statutory procedure and are being reported for official record (see Appendix, page 1164).

This report was received for record.

SECRETARY'S REPORTS

The Secretary presented for record the following lists, as printed in the Appendix.

1. Appointments made by the President of the University (page 1135).
2. Salary adjustments in the College of Dentistry (page 1136).
3. Graduate fellows (page 1136).
4. Resignations, declinations, and terminations (page 1137).
5. Leaves of absence (page 1138).

The Board adjourned, to meet in Urbana late in June on the call of the President.

H. E. CUNNINGHAM
Secretary

KENNEY E. WILLIAMSON
President

APPENDIX

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. Part-time appointments are shown by fractions after the name of the department. C = College; S = Station; E = Extension.)

BIBBY, CYRIL, Visiting Lecturer, Health Education (Physical Education for Men), October 1-November 15, 1950, $1500 (5-2-50).

BOUWSMA, WILLIAM J., Instructor, History, academic year beginning September 1, 1950, $3600 (4-19-50).

CARVER, DALE R., Instructor, Theoretical and Applied Mechanics (C) (½), academic year beginning September 1, 1950, $1800 (5-2-50).

CRANE, MAURICE A., Assistant, English, nine months beginning September 16, 1950, $2400 (5-10-50).

DAVIS, MARTIN D., Research Associate, Mathematics (Graduate College), academic year beginning September 1, 1950, $3000 (for the convenience of the University, he will also be provided with suitable living quarters valued at $995)(5-12-50).

DUBIN, ROBERT, Associate Professor, Management, in the Department of Business Organization and Operation (½), and of Sociology (½), indefinite tenure beginning September 1, 1949, to render service during each academic year, $5320 a year, supersedes (5-10-50).

EVANS, RUPERT N., Assistant Professor, Industrial Education, academic year beginning September 1, 1950, $4500 (4-20-50).

FREEMAN, VIRGINIA L., Assistant, Physical Education for Women, nine months beginning September 16, 1950, $2800 a year (5-2-50).

GONNERMAN, ALICE M., Instructor, Social Welfare Administration, seven months beginning February 1, 1950, $3660 a year, supersedes (4-22-50).

GRISAMORE, THOMAS L., Assistant Professor, Hygiene, Lecturer, Hygiene, and Medical Adviser for Men (Undergraduate Division in Chicago)(⅔), seven months beginning February 1, 1950, $4186 a year, supersedes (4-26-50).

HARTER, GORDON L., Assistant, Naval Science, beginning April 18, 1950, and continuing until further notice, without salary (4-25-50).

HELLER, WILLIAM R., Special Research Associate, Physics (C), one year beginning September 1, 1950, $4200 (4-22-50).

HOLT, ALICE E., Law Library Assistant, Library, June 5-August 31, 1950, $283.33 a month (5-11-50).

HUDSON, RUTH A., Instructor, Sociology (Liberal Arts and Sciences), Research Associate, Labor and Industrial Relations, one year beginning September 1, 1950, $3900 (5-2-50).

IVENS, VIRGINIA R., Assistant, Veterinary Pathology and Hygiene (Veterinary Medicine), one year beginning September 1, 1950, $2600 (4-26-50).

JUDIESCH, MARGARET, Instructor, Social Welfare Administration, seven months beginning February 1, 1950, $3564 a year (for her convenience, she will also be provided one meal daily while on duty valued at $96 a year), supersedes (4-22-50).

KREBS, MARGARET E., Instructor, Social Welfare Administration, seven months beginning February 1, 1950, $3564 a year (for her convenience, she will also be provided one meal daily while on duty valued at $96 a year, supersedes (4-22-50).

LEPPER, MARK H., Associate Professor, Preventive Medicine (Medicine), March 20-August 31, 1950, $625 a month (4-27-50).

MCGRATH, G. D., Associate Professor, Education, indefinite tenure beginning September 1, 1950, to render service during each academic year, $5800 a year, supersedes (5-12-50).

MOORE, EDWARD F., Assistant Professor, Mathematics (Graduate College), academic year beginning September 1, 1950, $4200 (5-10-50).

MOSS, W. GLEN, Assistant Professor, Physiology (Medicine) (¾), July 15-August 31, 1950, $500 a month (5-12-50).

NAKAYAMA, TADASI, Visiting Research Professor, Mathematics (Graduate College), academic year beginning September 1, 1950, $7000 (5-12-50).

PENDLETON, HAROLD E., Assistant, English, nine months beginning September 16, 1950, $2400 (5-10-50).

PETERSEN, WILLIAM J., Assistant, Naval Science, beginning April 18, 1950, and continuing until further notice, without salary (4-25-50).

RAILSBACK, ORA L., Professor, Physics, and Head of the Department (Undergraduate Division in Chicago), indefinite tenure beginning September 1, 1950, to render service during each academic year, $7500 a year (4-26-50).

RICKETTS, ROBERT M., Instructor, Orthodontia (Dentistry) (45/100), and in the Division of Services for Crippled Children (55/100), four months beginning May 1, 1950, $375 a month, supersedes (5-3-50).

ROBINSON, JAMES E., Assistant, English, nine months beginning September 16, 1950, $2400 (5-10-50).

ROSE, RUTH J., Assistant, Physical Education for Women (Undergraduate Division in Chicago), nine months beginning September 16, 1950, $2900 a year (5-2-50).

RUSSELL, MARIAN E., Associate Professor, Social Welfare Administration, Supervisor, Social Case Work, with rank of Associate Professor, February 1, 1950-August 31, 1951, $6100 a year, supersedes (4-22-50).

SALERNO, HENRY F., Assistant, English, nine months beginning September 16, 1950, $2400 (5-10-50).

SÁNCHEZ, LUIS ALBERTO, Visiting Professor, Spanish, ten months beginning September 1, 1950, to render service during the academic year, $7500 (5-2-50).

SANDSTROM, GLENN A., Assistant, English, nine months beginning September 16, 1950, $2400 (5-10-50).

SCHAFFNER, JOHANNES S., Special Research Associate, Electrical Engineering (S) (½), February 15-June 30, 1950, $200 a month, supersedes (5-2-50).

SHAHANI, KHEMCHAND M., Assistant, Food Technology (S), ten months beginning July 1, 1950, $3840 a year (5-10-50).

SHAUGHNESSY, HOWARD J., Professor, Public Health, and Head of the Department (Medicine) (4/5), three months beginning June 1, 1950, $866.66 a month, supersedes (4-27-50).

WARSCHAUSKY, SIDNEY, Assistant, English, nine months beginning September 16, 1950, $2400 (5-10-50).

SALARY ADJUSTMENTS IN COLLEGE OF DENTISTRY

The Provost, acting for the President, on May 5, 1950, approved the following salary adjustments in the College of Dentistry on account of Y status, effective as of February 1, 1950.

Applied Materia Medica and Therapeutics	*Tenure*	*Salary Approved*
E. H. A. Kramp	BY50	$2 440
M. F. Grunwald	BY40	1 950
Crowns and Fixed Partial Dentures		
W. T. Pope	DY50	1 830
E. G. Griffin	DY30	1 095
	(effective 3-6-50)	
Dentistry for Children		
Elsie Gerlach	AY	6 100
Full and Removable Partial Dentures		
S. S. Flores	DY	2 930
Graduate Pedodontia		
A. J. Malone	DY	3 660
Operative Dentistry		
K. P. Sharpe	DY40	1 465
J. L. Morros	DY40	1 465
Orthodontia		
R. M. Ricketts	DY	3 660

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

AUMANN, ROBERT J., Fellow, Mathematics, nine months beginning September 16, 1950, $700 (5-10-50).

BALE, JOHN C., Fellow, English, nine months beginning September 16, 1950, $1000 (5-10-50).

BENDER, COLEMAN, Fellow, Speech, nine months beginning September 16, 1950, $1000 (5-10-50).

BUEHNER, WILLIAM J., Fellow, Classics, nine months beginning September 16, 1950, $700 (5-10-50).

DAANEN, JAMES W., Fellow, Education, nine months beginning September 16, 1950, $700 (5-10-50).

DAHLAN, JOSEPH G., Fellow, Management, nine months beginning September 16, 1950, $700 (5-10-50).

FULLER, JOSEPH A., JR., Fellow, Chemistry, nine months beginning September 16, 1950, $1000 (5-10-50).
GORDON, ARCHER S., American National Red Cross Research Fellow, Clinical Science (Medicine), five months beginning April 1, 1950, $1800 a year (5-10-50).
HART, HUGH E., Fellow, Philosophy, nine months beginning September 16, 1950, $700 (5-10-50).
HUDGENS, CLAUDE R., Armour Postdoctoral Research Fellow, Chemistry, one year beginning July 1, 1950, $3600 (4-18-50).
JENKINS, DONALD J., Fellow, Institute of Labor and Industrial Relations, nine months beginning September 16, 1950, $700 (5-10-50).
JOHNSON, ROBERT B., Fellow, Geology, nine months beginning September 16, 1950, $850 (5-10-50).
KNAP, JAMES E., Dow Chemical Company Fellow, Chemistry, nine months beginning September 16, 1950, $1200 (4-20-50).
LIBBY, PATRICIA A., Fellow, French, nine months beginning September 16, 1950, $700 (5-10-50).
LINDELL, PHYLLIS ANN, Fellow, Spanish, nine months beginning September 16, 1950, $700 (5-10-50).
MARTIN, RICHARD E., Henry J. Strong Fellow, Aeronautical Engineering, nine months beginning September 16, 1950, $700 (5-10-50).
MCGEE, PAUL R., Fellow, Physics, nine months beginning September 16, 1950, $700 (5-10-50).
MOZER, PHILLIP I., National Institute of Health Research Fellow, Clinical Science (Medicine), five months beginning April 1, 1950, $1800 a year (4-19-50).
NAKAMURA, TAKASHI, Fellow, Civil Engineering, nine months beginning September 16, 1950, $700 (5-10-50).
NEWELL, GORDON F., Postdoctoral Fellow, Physics, one year beginning July 1, 1950, $2400 (5-10-50).
NICOLL, JOAN, Fellow, German, nine months beginning September 16, 1950, $700 (5-10-50).
RHODES, FRANK H. T., Postdoctoral Fellow, Geology, nine months beginning November 1, 1950, $2400, supersedes (4-20-50).
RIDGEWAY, MARIAN E., Fellow, Political Science, nine months beginning September 16, 1950, $1000 (5-10-50).
SALZMAN, GEORGE, Fellow, Physics, September 16, 1950-January 31, 1951, $350, February 1-June 15, 1951, $425, supersedes (4-20-50).
SILIN, JACQUELINE, Fellow, Psychology, nine months beginning September 16, 1950, $700 (5-10-50).
SIMINOFF, PAUL, Fellow, Agronomy, nine months beginning September 16, 1950, $1000 (5-10-50).
TAYEL, MAHMOUD A. R., Fellow, Horticulture, five months beginning September 1, 1950, $500 (5-10-50).
TRELEASE, ALLEN W., Fellow, History, nine months beginning September 16, 1950, $700 (5-10-50).
TUNG, SHIH-PAI, Fellow, Electrical Engineering, nine months beginning September 16, 1950, $1000 (5-10-50).
WEST, CHARLES A., Upjohn Company Fellow, Chemistry, one year beginning September 1, 1950, $1500 (4-14-50).
WILCOCK, RICHARD C., Florence L. White Fellow, Economics, nine months beginning September 16, 1950, $1000 (5-10-50).
YAHR, CHARLES C., Fellow, Geography, nine months beginning September 16, 1950, $850 (5-10-50).
YOUNG, THOMAS E., Standard Oil Company of California Fellow, Chemistry, nine months beginning September 16, 1950, $1250 (4-13-50).

RESIGNATIONS, DECLINATIONS, AND TERMINATIONS

ACRIVOS, ANDREW, Fellow, Chemical Engineering — declination effective 9-16-50.
ANDROS, J. G., Assistant Professor, Farm Structures (Agricultural Engineering) (E) — resignation effective 6-30-50.
BIXENSTINE, VERTUS E., Personnel Technican, Student Counseling Bureau — resignation effective 6-1-50.
DALE, WILLIAM A., Fellow, Classics — declination effective 9-16-50.
DEVORE, LLOYD T., Professor, Electrical Engineering (C) — resignation effective 9-1-50.

DINSDALE, CAROL L., Fellow, German — declination effective 9-16-50.
FONNER, WALTER E., Assistant, Naval Science — termination effective 4-13-50.
FORBES, JACK E., Scholar, Mathematics — declination effective 9-16-50.
GILLETTE, JACK M., Fellow, Chemistry — declination effective 9-16-50.
GREEN, THOMAS J., JR., Fellow, Physical Education — declination effective 9-16-50.
HAFFNER, JAMES W., Fellow, Physics — declination effective 9-16-50.
IGLOE, MAX C., Associate Professor, Preventive Medicine and Public Health (Medicine) — resignation effective 2-1-50.
JOHNSON, ROBERT R., Fellow, Electrical Engineering — declination effective 9-16-50.
JONES, JESS W., Fellow, Agronomy — declination effective 9-16-50.
LAMM, KENNETH L., Special Research Assistant, Mechanical Engineering (C) — resignation effective 6-15-50.
LAWDER, HAROLD L., Scholar, Education — declination effective 9-16-50.
MACDONALD, WILLIAM M., Fellow, Physics — declination effective 9-16-50.
MARTIN, RICHARD E., Henry J. Strong Fellow, Aeronautical Engineering — declination effective 9-16-50.
MCMUNN, RICHARD L., Assistant Professor, Pomology (Horticulture) (C & S) — resignation effective 4-20-50.
MOORE, EUNICE M., Assistant Professor, Physical Sciences (Undergraduate Division in Chicago) — resignation effective 8-31-50.
NATOUSH, WILLIAM R., Fellow, Chemistry — declination effective 9-16-50.
NELSON, ROBERT C., Fellow, Mathematics — declination effective 9-16-50.
NEUBER, FRANK W., Fellow, Political Science — declination effective 9-16-50.
NOPER, ALICE J., Fellow, Education — declination effective 9-16-50.
POLSON, ALMA I., Fellow, English — declination effective 9-16-50.
RAYNE, JOHN A., Fellow, Physics — declination effective 9-16-50.
RIVES, TOM C., Special Research Associate Professor, Electrical Engineering (S) — resignation effective 5-1-50.
ROSS, MRS. DOROTHY R., Instructor, Clinical Speech (Otolaryngology) (Medicine) — resignation effective 6-1-50.
SCHWEGAL, DOUGLAS M., Fellow, English — declination effective 9-16-50.
SIMPSON, RICHARD L., Fellow, Sociology — declination effective 9-16-50.
TAPE, GERALD F., Associate Professor, Physics (C) — resignation effective 8-31-50.
TAYLOR, GLENN J., Assistant Professor, Speech — resignation effective 9-1-50.
TESSMAN, MRS. ETHEL S., Fellow, Physico-Chemical Biology — declination effective 9-16-50.
TIERNEY, AGNES M., Fellow, Mathematics — declination effective 9-16-50.
VOELZ, RICHARD T., Eastman Kodak Company Fellow, Mechanical Engineering — declination effective 9-16-50.

LEAVES OF ABSENCE

CHASE, MARY L., Associate Professor, Home Economics, and Assistant State Leader (E) — leave of absence, without salary, June 8-until she retires.
GLICKMAN, NATHANIEL, Assistant Professor and Research Physiologist, Medicine (Medicine) — leave of absence, with salary, March 1-May 31, 1950.

SUMMER SESSION BUDGET, 1950

Summary

Urbana-Champaign Divisions	$538 494	
Chicago Undergraduate Division	91 186	
Unassigned Salaries (to be assigned by the Dean of the Summer Session when enrollments require additional staff)	20 000	
Total, Summer Session		$649 680

URBANA-CHAMPAIGN DIVISIONS

Agricultural Economics

	Salary	
1. ————————, Professor (½ time)	$ 720	
2. D. E. Lindstrom, Professor (55% time)	723	
3. W. D. Buddemeier, Assistant Professor	978	
4. W. N. Thompson, Assistant Professor (½ time, June 26 to July 22)	227	2 648

	Salary	
Agricultural Engineering		
1. E. W. Lehmann, Professor and Head of Department (½ time)	854	
2. R. I. Shawl, Professor of Farm Machinery (½ time)	712	1 566
Animal Science		
1. U. S. Garrigus, Assistant Professor (½ time)	530	
2. S. W. Terrill, Assistant Professor (30% time)	272	802
Architecture		
1. A. K. Laing, Professor	1 600	
2. O. S. Fjelde, Professor	1 334	
3. W. S. Kinne, Professor	1 667	
4. J. E. Branch, Associate Professor	1 223	
5. H. C. Edwards, Instructor	889	6 713
Art		
1. F. J. Roos, Jr., Professor	1 556	
2. J. R. Shipley, Professor	1 445	
3. W. F. Doolittle, Associate Professor	1 223	
4. C. A. Dietemann, Associate Professor	1 112	
5. J. W. Kennedy, Associate Professor	1 112	
6. R. E. Hult, Assistant Professor	978	
7. A. J. Pulos, Assistant Professor	889	
8. C. W. Briggs, Instructor	795	
9. Raymond Perlman, Instructor	778	
10. G. N. Foster, Instructor	767	
11. L. W. Williams, Jr., Visiting Lecturer	800	
12. ————————, Visiting Lecturer (½ time)	400	11 855
Astronomy		
1. R. H. Baker, Professor and Head of Department (½ time)	834	834
Bacteriology		
1. H. O. Halvorson, Professor and Head of Department	2 000	
2. Sol Spiegelman, Research Professor	1 667	
3. G. I. Wallace, Associate Professor	1 400	
4. F. M. Clark, Associate Professor	1 278	
5. B. P. Sagik, Assistant (½ time)	267	
6. D. O. Hitzman, Assistant (½ time)	267	
7. G. W. Schuknecht, Assistant (½ time)	267	
8. N. G. Roth, Assistant (½ time)	267	7 413
University of Illinois Bands		
1. E. D. Kisinger, Assistant Director and Assistant Professor of Music (½ time)	556	
(See Music)	(556)	
(Total Salary)	(1 112)	556
Botany		
1. A. G. Vestal, Professor	1 467	
2. G. N. Jones, Associate Professor	1 289	
3. Leland Shanor, Associate Professor	1 223	
4. W. N. Stewart, Assistant Professor	1 000	
5. R. K. Benjamin, Assistant (½ time)	267	
6. F. C. Lane, Assistant (½ time)	267	
7. J. H. Reinhart, Assistant (½ time)	267	
8. A. W. Poitras, Assistant (½ time)	267	
9. ————————, Assistant (½ time)	267	6 314

	Business Organization and Operation	*Salary*	
1.	A. C. Littleton, Professor	1 778	
2.	C. H. Sandage, Professor (½ time)	889	
	(See Journalism)	(889)	
	(Total Salary)	(1 778)	
3.	C. F. Schlatter, Professor	1 636	
4.	H. H. Baily, Professor (½ time)	767	
5.	F. H. Beach, Professor	1 512	
6.	C. A. Moyer, Professor (½ time)	756	
7.	A. G. Anderson, Professor	1 500	
8.	E. L. Theiss, Associate Professor	1 389	
9.	C. J. Gaa, Associate Professor	1 445	
10.	H. G. Wales, Associate Professor	1 267	
11.	R. K. Mautz, Associate Professor	1 223	
12.	P. C. Roberts, Associate Professor (½ time)	578	
13.	Robert Dubin, Associate Professor (½ time)	592	
	(See Sociology and Anthropology)	(591)	
	(Total Salary)	(1 183)	
14.	R. V. Mitchell, Assistant Professor	1 267	
15.	W. E. Thomas, Assistant Professor (½ time)	545	
16.	J. M. Carrithers, Assistant Professor (¾ time)	845	
17.	N. D. Wakefield, Assistant Professor (½ time)	523	
18.	H. E. Breen, Assistant Professor (½ time)	512	
19.	Mrs. Dorothy Litherland, Instructor (⅓ time)	297	
20.	R. L. Patrick, Instructor	867	
21.	A. E. Marien, Instructor (½ time)	423	
22.	Mrs. Alice Kirkpatrick, Instructor (½ time)	400	
23.	W. O. Morris, Instructor (½ time)	400	
24.	P. C. Zimmerly, Instructor (½ time)	389	
25.	K. B. Berg, Instructor (½ time)	378	
26.	Clinton Spivey, Instructor (½ time)	378	
27.	D. A. Henning, Instructor	667	
28.	M. D. Richards, Instructor (½ time)	400	
29.	J. S. Begando, Instructor (½ time)	423	
30.	D. L. Shawver, Assistant (½ time)	323	
31.	B. F. Aschbacher, Assistant (½ time)	334	
32.	H. L. Crouse, Assistant	578	
33.	R. S. Hancock, Assistant (½ time)	323	
34.	H. J. Jacobs, Assistant (½ time)	312	
35.	I. I. Raines, Assistant (½ time)	312	
36.	D. W. Scotton, Assistant (½ time)	312	
37.	J. W. Thompson, Assistant (½ time)	193	
38.	L. J. Wade, Assistant (½ time)	289	27 022

	Chemistry		
1.	J. C. Bailar, Jr., Professor	2 112	
2.	H. A. Laitinen, Professor	1 623	
3.	E. W. Comings, Professor	1 623	
4.	D. T. Englis, Professor	1 534	
5.	G. T. Moeller, Associate Professor	1 334	
6.	H. G. Drickamer, Associate Professor	1 267	
7.	D. R. Martin, Assistant Professor	1 012	
8.	R. L. Frank, Assistant Professor	1 267	
9.	E. R. Alexander, Assistant Professor	1 067	
10.	C. S. Vestling, Assistant Professor (½ time)	634	
11.	L. M. Henderson, Assistant Professor	1 178	
12.	J. W. Westwater, Assistant Professor	1 000	
13.	B. R. Ray, Assistant Professor	1 178	
14.	G. L. Bushey, Instructor	889	
15.	R. M. Ross, Instructor	889	
16.	L. E. Miller, Instructor (From Organic Chemical Manufactures)	(1 000)	

		Salary	
17.	W. M. Campbell, Instructor (¾ time)	645	
18.	O. F. Williams, Assistant (67% time)	445	
19.	A. D. Gott, Assistant (67% time)	445	
20.	E. W. Grieshaber, Assistant (67% time)	445	
21.	W. R. Peterson, Assistant (⅓ time)	178	
22.	————, Assistant (⅓ time)	223	
23.	W. F. Loranger, Assistant (½ time)	267	
24.	J. P. Huselton, Assistant (½ time)	334	
25.	F. V. Fair, Assistant (½ time)	267	
26.	D. W. Carley, Assistant (½ time)	267	
27.	E. P. Bertin, Assistant (½ time)	267	
28.	J. M. Gillette, Assistant (½ time)	334	
29.	W. A. Ziegler, Assistant (½ time)	334	
30.	Jacob Fuchs, Assistant (½ time)	334	
31.	E. F. Elslager, Assistant (½ time)	334	
32.	H. P. Wallingford, Assistant (½ time)	267	
33.	E. H. Mottus, Assistant (½ time)	267	
34.	R. H. Bible, Assistant (¼ time)	134	
35.	————, Assistant (½ time)	267	
36.	John Figueras, Jr., Assistant (½ time)	267	
37.	J. C. Lorenz, Assistant (¼ time)	167	
38.	F. B. Hauserman, Assistant (½ time)	267	
39.	————, Assistant (½ time)	334	
40.	————, Assistant (½ time)	334	
41.	————, Assistant (½ time)	334	
42.	————, Assistant (½ time)	334	
43.	————, Assistant (¼ time)	167	
44.	R. B. Cuddeback, Assistant (½ time)	267	
45.	J. E. Knap, Assistant (½ time)	267	
46.	K. D. Timmerhaus, Assistant (¼ time)	134	
47.	————, Assistant (¼ time)	134	
48.	Ella L. Richards, Assistant (½ time)	334	
49.	William Goode, Visiting Lecturer	800	
50.	W. B. Treumann, Visiting Lecturer	1 250	30 051

Civil Engineering

1.	T. C. Shedd, Professor of Structural Engineering	2 112	
2.	Jamison Vawter, Professor	1 889	
3.	W. A. Oliver, Professor	1 423	
4.	J. G. Clark, Professor	1 400	
5.	Ellis Danner, Associate Professor (⅓ time, August 21 to September 16)	222	
6.	E. R. Bretscher, Assistant Professor	1 045	
7.	E. J. Daily, Assistant Professor (¾ time)	784	
8.	W. W. Hay, Assistant Professor of Railway Civil Engineering (¾ time)	916	
9.	C. P. Atkins, Assistant Professor (August 21 to September 16)	489	
10.	J. W. Briscoe, Instructor	889	11 169

Civil Engineering Summer Surveying Camp

1.	W. H. Rayner, Camp Director (July 24 to September 9)	1 167	
2.	M. O. Schmidt, Camp Manager (June 12 to July 2; July 24 to September 9)	1 445	
3.	L. D. Walker, Professor of General Engineering Drawing (June 12 to July 2; July 31 to September 2)	1 334	
4.	G. H. Dell, Associate Professor (July 31 to September 2)	1 156	
5.	J. C. Chaderton, Assistant Professor (June 12 to July 2; July 31 to September 2)	1 067	
6.	C. S. Danner, Instructor (June 12 to July 2; July 31 to September 2)	889	

	Salary	
7. R. A. Sproat, Instructor (June 12 to July 2; July 31 to September 2)	756	
8. W. J. Conway, Instructor (June 12 to July 2; July 31 to September 2)	667	
9. P. G. Sikes, Assistant (June 12 to July 2; July 31 to September 2)	534	
10. ————————, Camp Doctor	250	9 265

Classics

1. J. L. Heller, Professor and Head of Department (67% time)	1 186	
2. Alexander Turyn, Professor (67% time)	1 008	
3. R. P. Oliver, Associate Professor (½ time)	589	
(See Spanish and Italian)	(589)	
(Total Salary)	(1 178)	
4. L. D. Johnston, Assistant Professor (67% time)	630	3 413

Dairy Science

1. W. W. Yapp, Professor of Dairy Cattle Husbandry (½ time, June 26 to July 22)	400	400

Economics

1. J. F. Bell, Professor	1 667	
2. R. H. Blodgett, Professor	1 667	
3. P. H. Brown, Professor	1 556	
4. E. B. McNatt, Professor	1 556	
5. J. F. Due, Associate Professor	1 334	
6. W. C. Robb, Associate Professor	1 278	
7. D. P. Flanders, Associate Professor	1 278	
8. R. W. Harbeson, Associate Professor	1 223	
9. R. W. Mayer, Associate Professor	1 223	
10. R. C. Osborn, Associate Professor	1 223	
11. F. B. Haworth, Assistant Professor	1 145	
12. Seth Hammond, Assistant Professor	1 067	
13. J. A. Cochran, Assistant Professor	1 000	
14. T. E. Cammack, Instructor	889	
15. Mrs. Mildred Patterson, Assistant	578	
16. J. W. Beall, Assistant (½ time)	267	
17. H. C. Bunke, Assistant (½ time)	267	
18. A. D. Dailey, Assistant (½ time)	267	
19. ————————, Assistant (½ time)	267	
20. A. S. Hall, Assistant (½ time)	267	
21. H. E. Johnson, Assistant (½ time)	267	
22. E. E. Liebhafsky, Assistant (½ time)	267	
23. W. B. Taylor, Visiting Lecturer	1 800	22 353

Education

1. K. D. Benne, Professor	1 578	
2. R. W. Burnett, Professor	1 478	
3. J. J. DeBoer, Professor	1 478	
4. A. F. Dodge, Professor	1 392	
5. F. H. Finch, Professor	1 334	
6. H. C. Hand, Professor	1 689	
7. S. A. Kirk, Professor	1 589	
8. A. B. Mays, Professor	1 667	
9. C. W. Odell, Professor	1 334	
10. E. H. Reeder, Professor	1 689	
11. B. O. Smith, Professor	1 689	
12. William Van Til, Professor	1 478	
13. A. W. Anderson, Associate Professor	1 278	
14. K. B. Henderson, Associate Professor	1 312	

	Salary	
15. M. K. Humble, Associate Professor	1 267	
16. J. H. Shores, Associate Professor	1 223	
17. B. F. Timmons, Associate Professor (¼ time)	689	
(See Sociology and Anthropology)	(689)	
(Total Salary)	(1 378)	
18. Letitia Walsh, Associate Professor	1 389	
19. H. S. Zim, Associate Professor	1 200	
20. F. P. Barnes, Assistant Professor	1 156	
21. R. G. Brill, Assistant Professor	1 112	
22. M. R. Karnes, Assistant Professor	1 112	
23. G. C. Kettelkamp, Assistant Professor	1 000	
24. C. G. Knapp, Assistant Professor	1 112	
25. Liesette J. McHarry, Assistant Professor	1 156	
26. Foster McMurray, Assistant Professor	956	
27. R. E. Pingry, Assistant Professor	889	
28. G. W. Reagan, Assistant Professor	1 128	
29. W. O. Stanley, Assistant Professor	1 112	
30. E. M. Woodman, Assistant Professor	1 000	
31. Catharine Adams, Instructor (¼ time)	200	
32. Mrs. Mary E. Hausrath, Instructor (¼ time)	156	
33. Sue C. Crain, Instructor	1 034	
34. G. O. Johnson, Instructor	1 000	
35. L. L. Knuti, Instructor	889	
36. Kathryn M. Weesner, Instructor in Home Economics (¼ time)	178	
37. Mrs. Metta M. Zahorsky, Instructor (¾ time)	644	
38. Helen K. Zwolanek, Instructor in Home Economics (¼ time)	203	
39. W. L. Winnett, Assistant	678	
40. W. M. Alexander, Visiting Lecturer	1 500	
41. Millie Almy, Visiting Lecturer	1 200	
42. Elsie B. Butler, Visiting Lecturer (June 28 to August 9)	700	
43. A. S. Clayton, Visiting Lecturer	1 500	
44. F. E. Ellis, Visiting Lecturer	1 200	
45. P. L. Ewing, Visiting Lecturer (June 26 to July 22)	700	
46. Florence Flach, Visiting Lecturer (¼ time)	300	
47. J. W. Harbeson, Visiting Lecturer	1 500	
48. J. E. Horrocks, Visiting Lecturer	1 500	
49. C. W. Hunnicutt, Visiting Lecturer	1 500	
50. Helen B. Knipp, Visiting Lecturer	1 500	
51. W. C. Kvaraceus, Visiting Lecturer	1 500	
52. R. H. Mathewson, Visiting Lecturer	1 500	
53. W. R. McIntosh, Visiting Lecturer (June 26 to July 22)	700	
54. R. B. Raup, Visiting Lecturer	1 800	
55. J. W. Stanley, Visiting Lecturer	1 500	
56. S. M. Stoke, Visiting Lecturer	1 500	
57. A. D. Woodruff, Visiting Lecturer	1 500	
58. M. A. Stoneman, Visiting Lecturer	1 500	
59. Conference Expense	2 200	
60. Honoraria for persons assisting in Agricultural Education Workshop (Education 470)	450	
61. Honoraria for persons assisting in workshop and laboratory in Education of Exceptional Children (Education 318)	1 200	
62. Wages	320	72 238

Electrical Engineering

1. M. A. Faucett, Professor	1 489	
2. C. A. Keener, Professor	1 534	
3. A. R. Knight, Professor	1 800	
4. J. O. Kraehenbuehl, Professor	1 623	
5. E. A. Reid, Professor	1 445	
6. L. B. Archer, Associate Professor	1 200	

		Salary	
7.	M. S. Helm, Associate Professor	1 223	
8.	G. R. Peirce, Associate Professor	1 112	
9.	P. F. Schwarzlose, Associate Professor (½ time)	556	
10.	C. E. Skroder, Associate Professor	1 267	
11.	J. K. Tuthill, Associate Professor	1 267	
12.	J. E. Williams, Associate Professor	1 178	
13.	W. G. Albright, Assistant Professor (½ time)	489	
14.	D. S. Babb, Assistant Professor (½ time)	500	
15.	A. D. Bailey, Assistant Professor (½ time)	556	
16.	J. A. Barkson, Assistant Professor (½ time)	523	
17.	W. H. Byers, Assistant Professor (½ time)	500	
18.	M. H. Crothers, Assistant Professor	934	
19.	E. F. DeMers, Assistant Professor	978	
20.	P. R. Egbert, Assistant Professor	1 000	
21.	D. F. Hang, Assistant Professor	978	
22.	P. K. Hudson, Assistant Professor	978	
23.	H. K. Polk, Assistant Professor	1 112	
24.	H. D. Webb, Assistant Professor (½ time)	489	
25.	A. S. Chodakowski, Instructor	889	
26.	C. V. Jakowatz, Instructor (½ time)	434	
27.	H. W. Katz, Instructor (½ time)	423	
28.	P. M. Kintner, Instructor (½ time)	356	
29.	G. D. McMullen, Instructor (½ time)	334	
30.	Buford Smith, Jr., Instructor	800	
31.	B. J. Wilson, Instructor	756	
32.	C. L. Coates, Instructor	800	29 523

English

1.	G. N. Ray, Professor (½ time)	778	
2.	A. W. Secord, Professor	1 556	
3.	R. M. Smith, Professor	1 423	
4.	B. A. Milligan, Associate Professor	1 178	
5.	R. B. Weirick, Associate Professor	1 167	
6.	G. B. Evans, Assistant Professor	1 045	
7.	C. W. Wilkinson, Assistant Professor of Business English	1 000	
8.	L. C. Warren, Assistant Professor	1 023	
9.	J. N. Hook, Assistant Professor	1 023	
10.	G. P. Haskell, Assistant Professor	978	
11.	Cornelia P. Kelley, Assistant Professor (⅔ time)	593	
12.	Margaret French, Assistant Professor (5/6 time)	741	
13.	F. W. Weeks, Instructor in Business English (½ time)	473	
14.	J. K. Quinn, Instructor	889	
15.	A. L. Fellows, Instructor in Business English (½ time)	411	
16.	Margaret Bloom, Instructor (⅓ time)	260	
17.	G. N. Thomas, Instructor	734	
18.	Helen Beveridge, Instructor	778	
19.	W. S. Worden, Instructor	778	
20.	J. H. Schacht, Instructor	734	
21.	F. G. Townsend, Instructor	734	
22.	N. P. Davis, Instructor in Business English (½ time)	334	
23.	W. J. Chamberlin, Assistant in Business English (½ time)	334	
24.	Mary A. Hussey, Assistant	600	
25.	Mrs. Josephine F. Evans, Assistant	534	
26.	W. E. Edens, Assistant (½ time)	267	
27.	Audrey Galpin, Assistant	689	
28.	G. S. Conkin, Assistant (½ time)	267	
29.	R. L. Stevens, Assistant (½ time)	267	
30.	J. E. Smythe, Assistant (½ time)	267	
31.	F. B. Moake, Assistant (½ time)	267	
32.	W. H. Reuter, Assistant (½ time)	284	
33.	T. H. Driscoll, Assistant (½ time)	278	

	Salary	
34. Sonia Miller, Assistant (½ time)	300	
35. G. E. Jones, Assistant (½ time)	289	
36. W. C. McAvoy, Assistant (½ time)	278	
37. Mrs. Mary Simon, Assistant (½ time)	178	
38. W. T. Tucker, Assistant in Business English (½ time)	312	
39. L. C. Wagy, Assistant	534	
40. ————, Instructor in Business English	667	
41. E. H. Davidson, Visiting Lecturer	1 200	
42. E. D. Kittoe, Visiting Lecturer	950	27 392

Entomology

1. C. W. Kearns, Professor	1 512	
2. V. G. Milum, Associate Professor	1 189	
3. D. M. Tuttle, Assistant (½ time)	267	2 968

French

1. C. C. Gullette, Associate Professor	1 267	
2. P. E. Jacob, Associate Professor	1 178	
3. C. P. Viens, Assistant Professor	1 045	
4. R. E. Hallowell, Instructor	834	
5. Patricia C. Annable, Assistant (½ time)	267	
6. Mrs. Roberta R. Harrison, Assistant (½ time)	267	
7. R. E. Oliver, Assistant (½ time)	267	5 125

General Engineering Drawing

1. E. D. Ebert, Instructor	1 000	1 000

Geography

1. W. O. Blanchard, Professor	1 467	
2. F. W. Foster, Associate Professor	1 223	
3. A. W. Booth, Associate Professor	1 112	
4. W. H. McDonald, Assistant (½ time)	267	
5. D. L. Netzer, Assistant (½ time)	267	
6. G. A. Rheumer, Assistant (½ time)	267	4 603

Geology

1. H. R. Wanless, Professor	1 778	
2. J. L. Hough, Associate Professor (½ time)	656	
3. W. M. Merrill, Instructor	845	
4. R. H. Shaver, Assistant	534	
5. Christoffer Oftedahl, Visiting Lecturer (30% time)	354	4 167

German

1. D. W. Schumann, Professor	1 667	
2. J. R. Frey, Associate Professor	1 267	
3. F. J. Nock, Assistant Professor	1 112	
4. R. J. Doney, Assistant (½ time)	356	
5. A. M. Cress, Assistant (¾ time)	400	
6. ————, Assistant (½ time)	267	
7. E. A. List, Visiting Lecturer	850	5 919

History

1. F. C. Dietz, Professor and Head of Department	2 112	
2. P. V. B. Jones, Professor	1 489	
3. F. S. Rodkey, Professor	1 400	
4. F. A. Shannon, Professor	1 889	
5. J. W. Swain, Professor	1 723	
6. A. E. Bestor, Associate Professor	1 334	

		Salary	
7.	Frank Freidel, Assistant Professor	1 089	
8.	J. B. Sirich, Assistant Professor	1 072	
9.	R. M. Sutton, Instructor	850	
10.	————————, Assistant (½ time)	312	
11.	————————, Assistant (½ time)	312	
12.	————————, Assistant (½ time)	312	
13.	————————, Assistant (½ time)	312	
14.	————————, Assistant (½ time)	312	14 518

Home Economics

1.	E. Evelyn Smith, Associate Professor (June 26 to July 22)	578	
2.	Margaret Goodyear, Assistant Professor (4/5 time, July 24 to August 19)	374	
3.	Winifred Cagle, Assistant (June 26 to July 22)	267	
4.	Mrs. Rebecca O. Nelson, Visiting Lecturer (July 24 to August 19)	666	
5.	————————, Visiting Lecturer (½ time, June 26 to July 22)	333	2 218

Journalism

1.	C. H. Sandage, Professor (½ time)	889	
	(See Business Organization and Operation)	(889)	
	(Total Salary)	(1 778)	
2.	V. R. Fryburger, Assistant Professor	1 067	
3.	D. E. Brown, Assistant Professor (½ time)	534	
4.	T. B. Peterson, Instructor	1 023	
5.	J. C. Sutton, Instructor (½ time)	467	
6.	G. H. Dowler, Instructor (½ time)	356	
7.	J. W. Jensen, Instructor	800	5 136

Law

1.	M. I. Schnebly, Professor (¾ time)	1 917	
2.	W. L. Summers, Professor (½ time)	1 278	
3.	R. N. Sullivan, Professor (¾ time)	1 834	
4.	G. B. Weisiger, Professor (¾ time)	1 417	
5.	A. F. Conard, Associate Professor (¾ time)	1 334	
6.	R. G. Cohn, Associate Professor (¾ time)	1 250	
7.	J. N. Young, Assistant Professor (¾ time)	1 000	
8.	J. E. Cribbet, Assistant Professor (¾ time)	1 000	
9.	T. G. Roady, Jr., Visiting Lecturer	1 000	12 030

Library School

1.	Herbert Goldhor, Associate Professor	1 200	
2.	Rose B. Phelps, Associate Professor (½ time)	578	
3.	Thelma Eaton, Associate Professor	1 112	
4.	Marie M. Hostetter, Assistant Professor	954	
5.	C. W. Stone, Assistant Professor	1 000	
6.	Kathryn L. Luther, Assistant	534	
7.	————————, Assistant	534	
8.	J. H. Moriarty, Visiting Lecturer	1 200	
9.	P. S. Dunkin, Visiting Lecturer	1 000	
10.	Helen A. Ridgway, Visiting Lecturer	1 000	
11.	Lura Crawford, Visiting Lecturer	850	
12.	Institute for Librarians in Service	500	10 462

Mathematics

1.	D. G. Bourgin, Professor	1 778	
2.	P. W. Ketchum, Professor	1 445	
3.	H. J. Miles, Professor (½ time)	756	
4.	M. M. Day, Professor	1 334	
5.	M. E. Munroe, Assistant Professor	1 045	

		Salary	
6.	L. L. Steimley, Assistant Professor	1 023	
7.	Beulah Armstrong, Assistant Professor	1 000	
8.	Joseph Landin, Assistant Professor	1 000	
9.	O. K. Bower, Assistant Professor	934	
10.	V. A. Hoersch, Assistant Professor	934	
11.	Josephine Mitchell, Assistant Professor	934	
12.	Harry Lass, Assistant Professor	934	
13.	Corinne Hattan, Instructor	845	
14.	Jewell Schubert, Instructor	845	
15.	Clarence Phillips, Instructor	734	
16.	W. H. Taylor, Instructor	734	
17.	M. P. Emerson, Assistant	534	
18.	Hans Flesch, Assistant	578	
19.	C. B. Hanneken, Assistant (⅓ time)	193	
20.	D. G. Higman, Assistant	578	
21.	M. W. Milligan, Assistant (⅓ time)	289	
22.	E. R. Mullins, Assistant (⅓ time)	289	
23.	R. J. Silverman, Assistant (⅓ time)	289	
24.	J. H. Turnock, Assistant (½ time)	267	
25.	M. J. Walsh, Assistant	578	
26.	J. W. Wray, Assistant (⅓ time)	193	
27.	A. V. Fend, Assistant (½ time)	267	20 330

Mechanical Engineering

1.	C. H. Casberg, Professor (½ time)	912	
2.	D. G. Ryan, Professor	1 734	
3.	J. R. Fellows, Professor	1 556	
4.	K. J. Trigger, Professor (⅓ time)	519	
5.	R. F. Larson, Professor	1 423	
6.	E. L. Broghamer, Associate Professor	1 223	
7.	D. H. Krans, Associate Professor	1 223	
8.	Everitt Laitala, Associate Professor (½ time)	612	
9.	E. D. Luke, Associate Professor	1 156	
10.	J. C. Miles, Associate Professor	1 156	
11.	Francis Seyfarth, Associate Professor	1 156	
12.	C. D. Greffe, Assistant Professor	1 067	
13.	E. F. Hebrank, Assistant Professor	1 067	
14.	C. E. Derrough, Instructor	934	
15.	M. B. Singer, Instructor (⅔ time)	593	
16.	D. E. McFeron, Instructor (⅔ time)	549	
17.	G. F. Schrader, Instructor	800	
18.	J. W. Bayne, Instructor	767	
19.	A. E. Noreen, Instructor	756	
20.	R. B. Dillaway, Instructor	712	19 915

Music

1.	D. A. Branigan, Professor (⅓ time)	517	
2.	B. R. Foote, Professor	1 467	
3.	Hubert Kessler, Professor	1 445	
4.	Sherman Schoonmaker, Professor	1 423	
5.	R. H. Miles, Professor	1 400	
6.	W. G. Hill, Professor (½ time)	700	
7.	Mrs. Velma K. Wilson, Associate Professor	1 167	
8.	King Kellogg, Associate Professor	1 112	
9.	Dorothy E. Bowen, Associate Professor	1 112	
10.	G. R. Waller, Associate Professor (½ time)	556	
11.	H. O. Sexton, Assistant Professor (9/10 time)	920	
12.	L. E. Zirner, Assistant Professor	978	
13.	E. D. Kisinger, Assistant Professor (½ time)	556	
	(See Bands)	(556)	
	(Total Salary)	(1 112)	

		Salary	
14.	A. J. McDowell, Instructor (9/10 time)	850	
15.	A. M. Carter, Instructor	778	
16.	D. A. Ledet, Instructor	778	
17.	P. W. Price, Instructor	667	
18.	Phyllis Edwards, Instructor (⅔ time)	475	
19.	G. H. Hunter, Instructor	778	
20.	————, Visiting Lecturer	1 200	
21.	Karl Kraeuter, Visiting Lecturer	1 500	
22.	Phyllis Kraeuter, Visiting Lecturer	1 500	
23.	Shura Dvorine, Visiting Lecturer	1 500	
24.	Keith Wilson, Visiting Lecturer	1 200	
25.	R. O. Clymer, Visiting Lecturer	1 200	
26.	————, Visiting Lecturer	1 200	
27.	Illinois Summer All-State Youth Music	9 000	35 979

Nursery School

1.	Theresa Peterson, Instructor (5/7 time)	608	
2.	Jean DeLaney, Instructor (5/7 time)	540	
3.	Esther Black, Instructor (5/7 time)	528	
4.	Cornelia Clary, Instructor (5/7 time)	524	
5.	Betty Ashworth, Assistant Teacher (5/7 time)	508	
6.	Edith Matthews, Assistant Teacher (5/7 time)	429	
7.	Eunice Stabnow, Assistant Teacher (5/7 time)	397	
8.	Patricia Faist, Assistant Teacher (5/7 time)	397	
9.	Carol Foster, Assistant Teacher (5/7 time)	397	4 328

Philosophy

1.	D. W. Gotshalk, Professor	1 778	
2.	J. A. Nicholson, Associate Professor	1 389	
3.	F. L. Will, Associate Professor	1 334	
4.	Leonard Linsky, Instructor	823	
5.	H. M. Tiebout, Instructor	834	6 158

Physical Education for Men

1.	D. R. Mills, Professor (12% time)	334	
2.	T. K. Cureton, Professor	1 834	
3.	G. T. Stafford, Professor (¾ time)	1 250	
4.	C. O. Jackson, Professor (4/5 time)	1 138	
5.	F. E. Boys, Associate Professor (½ time)	800	
6.	Ray Eliot, Associate Professor (15% time)	334	
7.	R. H. Johnson, Assistant Professor	1 245	
8.	A. E. Florio, Assistant Professor	1 223	
9.	R. E. Shelton, Assistant Professor (⅔ time)	742	
10.	H. A. Combes, Assistant Professor (15% time)	223	
11.	A. H. Seidler, Instructor (¼ time)	212	
12.	A. W. Hubbard, Instructor (¾ time)	667	
13.	J. G. Wolf, Instructor (½ time)	423	
14.	B. H. Massey, Instructor (¾ time)	600	
15.	W. J. Barber, Jr., Assistant (¼ time)	178	
16.	J. L. Breen, Assistant (¼ time)	200	
17.	J. S. Rousseau, Assistant (¼ time)	156	
18.	R. C. Mears, Assistant (¼ time)	134	11 693

Physical Education for Women

1.	Laura J. Huelster, Associate Professor and Head of Department (¾ time)	917	
2.	Carita Robertson, Assistant Professor (¾ time)	884	
3.	Mary F. Lawson, Assistant Professor	1 167	
4.	Doris Jean Layson, Instructor	823	
5.	Lorraine M. Nielsen, Assistant	578	4 369

	Salary	
Physics		
1. R. F. Paton, Associate Professor	1 334	
2. R. I. Hulsizer, Assistant Professor	1 156	
3. R. D. Rawcliffe, Assistant Professor	1 334	
4. J. N. Snyder, Instructor	934	
5. W. A. Butler, Assistant (½ time)	267	
6. L. S. Pedrotti, Assistant (½ time)	267	
7. M. H. Kalos, Assistant (⅓ time)	178	5 470
Physiology		
1. F. R. Steggerda, Professor	1 400	
2. S. G. Stolpe, Instructor	800	
3. J. D. Anderson, Instructor	845	
4. W. C. Clark, Assistant	534	
5. C. E. Smith, Assistant (¼ time)	134	
6. J. W. Yusken, Assistant (¼ time)	134	3 847
Political Science		
1. F. G. Wilson, Professor	1 778	
2. C. B. Hagan, Associate Professor	1 189	
3. N. F. Garvey, Assistant Professor (¼ time)	223	
4. J. A. Ranney, Instructor	834	
5. C. O. Johnson, Visiting Lecturer	1 800	5 824
Psychology		
1. Herbert Woodrow, Professor	2 112	
2. O. H. Mowrer, Research Professor	2 000	
3. W. G. McAllister, Associate Professor	1 156	
4. R. Elizabeth Brown, Assistant Professor	1 096	
5. J. B. Cohen, Assistant Professor (4/5 time)	850	
6. A. L. Irion, Assistant Professor (4/5 time)	818	
7. G. R. Grice, Assistant Professor (3/5 time)	614	
8. H. A. Grace, Assistant Professor (3/5 time)	560	
9. D. S. Pomeroy, Instructor	945	
10. Edward Ross, Psychiatrist (1/5 time)	400	10 551
Social Welfare Administration		
1. W. P. Simon, Associate Professor (½ time)	689	
2. Edith L. Nagel, Assistant Professor (¾ time)	800	
3. J. E. McDonald, Assistant Professor (½ time)	534	
4. Rachel B. Marks, Assistant Professor (½ time)	512	
5. D. Katharine Rogers, Assistant Professor	1 112	3 647
Sociology and Anthropology		
1. F. W. Znaniecki, Professor (½ time)	834	
2. B. F. Timmons, Associate Professor (½ time)	689	
(See Education)	(689)	
(Total Salary)	(1 378)	
3. Oscar Lewis, Associate Professor	1 223	
4. J. E. Hulett, Jr., Associate Professor	1 223	
5. Robert Dubin, Associate Professor (½ time)	591	
(See Business Organization and Operation)	(592)	
(Total Salary)	(1 183)	
6. J. C. McGregor, Associate Professor	1 223	
7. R. S. Dewey, Assistant Professor	1 112	
8. R. H. Bierstedt, Assistant Professor	1 112	
9. Max Kaplan, Assistant	622	8 629

	Spanish and Italian	*Salary*	
1.	H. R. Kahane, Professor	1 389	
2.	R. P. Oliver, Associate Professor (½ time)	589	
	(See Classics)	(589)	
	(Total Salary)	(1 178)	
3.	J. S. Flores, Assistant Professor	1 067	
4.	Angelina R. Pietrangeli, Assistant Professor	1 067	
5.	J. H. D. Allen, Assistant Professor	1 067	
6.	Mrs. Albertine Osgood, Instructor	867	
7.	Carmen Manzanares, Assistant (½ time)	267	
8.	Mrs. Verna Townsend, Assistant (¾ time)	400	
9.	————————, Assistant (½ time)	334	
10.	————————, Assistant (½ time)	267	7 314

	Speech		
1.	K. R. Wallace, Professor and Head of Department	1 889	
2.	B. W. Hewitt, Professor	1 512	
3.	W. M. Parrish, Professor	1 334	
4.	E. T. Curry, Associate Professor	1 289	
5.	L. S. Hultzén, Associate Professor	1 167	
6.	H. O. Kubly, Associate Professor	1 223	
7.	Richard Murphy, Associate Professor (½ time)	612	
8.	Severina Nelson, Associate Professor and Director of Speech Clinic	1 223	
9.	J. W. Swanson, Associate Professor and Supervisor of Dramatic Productions	1 223	
10.	K. A. Windesheim, Associate Professor	1 178	
11.	O. A. Dieter, Assistant Professor	1 023	
12.	H. E. Gulley, Assistant Professor	1 000	
13.	C. H. Shattuck, Associate Professor	1 178	
14.	J. W. Scott, Assistant Professor	1 000	
15.	G. J. Taylor, Assistant Professor	1 067	
16.	G. J. Wischner, Assistant Professor	1 067	
17.	Mary H. Arbenz, Instructor (½ time)	389	
18.	K. W. Broadrick, Instructor	867	
19.	Mrs. Naomi Hunter, Instructor	802	
20.	Ida Levinson, Instructor	812	
21.	Mrs. Beulah W. Swengel, Instructor	780	
22.	L. W. Olson, Instructor and Supervisor of Children's Summer Center	778	
23.	Mrs. Marie O. Shere, Instructor	834	
24.	Genevieve Richardson, Assistant (½ time)	312	
25.	Ned Donahoe, Assistant (½ time)	312	
26.	Carol Roach, Assistant (½ time)	267	
27.	A. S. House, Assistant (½ time)	267	
28.	Arlyth Rogers, Assistant (½ time)	267	
29.	————————, Assistant (½ time)	267	
30.	S. A. Weese, Assistant (½ time)	267	
31.	————————, Assistant (½ time)	267	
32.	————————, Assistant (½ time)	267	
33.	————————, Assistant (½ time)	267	
34.	————————, Assistant (½ time)	267	
35.	————————, Assistant (½ time)	267	
36.	————————, Assistant (½ time)	267	
37.	————————, Assistant (½ time)	267	
38.	————————, Assistant (½ time)	267	
39.	————————, Assistant (½ time)	267	
40.	————————, Assistant (½ time)	267	
41.	————————, Assistant (½ time)	267	
42.	————————, Assistant (½ time)	267	
43.	————————, Assistant (½ time)	267	
44.	————————, Assistant (½ time)	267	

		Salary	
45.	————————, Assistant (½ time)	267	
46.	————————, Assistant (½ time)	267	
47.	————————, Assistant (½ time)	267	
48.	————————, Assistant (½ time)	267	
49.	————————, Assistant (½ time)	267	
50.	————————, Assistant (½ time)	267	
51.	————————, Assistant (½ time)	267	
52.	Virginia Lee Comer, Visiting Lecturer	1 200	
53.	Richard Brett, Visiting Lecturer	667	
54.	Wages	600	34 280

Student Counseling Bureau

1.	R. G. Brooks, Counselor	645	
2.	W. E. Morrell, Counselor	1 223	
3.	P. S. Pettinga, Counselor (½ time)	578	
4.	Dorothy Durrell, Counselor (½ time)	378	
5.	D. E. Latham, Counselor (¼ time)	212	3 036

Theoretical and Applied Mechanics

1.	W. L. Collins, Professor	1 334	
2.	J. O. Smith, Professor (½ time)	778	
3.	P. G. Jones, Associate Professor (½ time)	612	
4.	C. E. Bowman, Assistant Professor	934	
5.	R. L. Brown, Assistant Professor	1 012	
6.	H. M. Fitch, Assistant Professor	1 056	
7.	W. M. Owen, Research Assistant Professor (1/5 time)	165	
8.	M. E. Clark, Instructor	778	
9.	H. T. Corten, Instructor	867	7 536

Zoology

1.	S. C. Kendeigh, Professor	1 400	
2.	Lester Ingle, Associate Professor	1 112	
3.	M. R. Matteson, Assistant Professor	956	
4.	F. J. Kruidenier, Instructor	845	
5.	Charles Ellerman, Assistant (½ time)	267	
6.	Robert Ogren, Assistant (½ time)	267	
7.	Nelson Cooley, Assistant (½ time)	267	
8.	Garwood Braun, Assistant (½ time)	267	
9.	William Pratt, Assistant (½ time)	267	
10.	Mabel Paterson, Assistant (½ time)	267	5 915
	Total, Urbana-Champaign Divisions		$538 494

CHICAGO UNDERGRADUATE DIVISION

Biological Sciences

1.	D. L. Hopkins, Associate Professor	1 556	
2.	A. D. Pickett, Assistant Professor (½ time)	578	
3.	William Sangster, Assistant Professor	1 156	
4.	Gladys Bucher, Assistant Professor	1 112	
5.	A. S. Rouffa, Assistant Professor	1 000	
6.	Halina Presley, Instructor	823	
7.	Mrs. Rita J. Faughnan, Instructor	778	7 003

Commerce and Business Administration

1.	Lucile Derrick, Associate Professor of Economics (4/5 time)	978	
2.	Samuel Fox, Assistant Professor of Accountancy	1 200	
3.	C. H. Gillett, Assistant Professor of Economics	1 200	
4.	Sarah M. Kabbes, Instructor in Accountancy	1 067	

Item	*Department*	*Vendor*	*Cost*
335 cages and 40 racks for laboratory animals, assorted sizes, according to specifications	Animal Hospital	Bussey Products Co., Chicago	4 456 10 delivered
21 adult foot pump dental chairs with simplified headrest and form fitting leather covered seat, ivory tan finish, less allowance for an equal number of old chairs	Dental Clinics	S. S. White Dental Manufacturing Co., Chicago	8 032 50 f.o.b. delivered and installed
49 monocular microscopes, Spencer 35-M or Bausch and Lomb equivalent, and six monocular microscopes, Spencer 35 or Bausch and Lomb equivalent with oil immersion lens; engraving included, less allowance for 70 obsolete instruments	College of Pharmacy	C. W. Alban & Co., St. Louis, Mo.	8 188 00 f.o.b. delivered
Microfilming and micro-indexing 240,000 old student records in the Office of Admissions and Records	Office of Admissions and Records	Remington Rand, Inc., Chicago	1 375 20
60,000 lbs. 25 x 38—70# white coated book paper; 40,000 lbs. 25 x 38—60# white coated book paper; 5000 lbs. 25 x 28½—52½# white coated book paper	Office Supply Store	Dwight Bros. Paper Co., Chicago	12 980 10 delivered to our warehouse
66 double bed size hide-a-beds and mattresses with "Y" quality covering; five three-fourths bed size hide-a-beds and mattresses with "Y" quality covering	Physical Plant, Student and Staff Apartments	Robeson's, Inc., Champaign	11 860 27 f.o.b. delivered
90 extension dinette tables, 36" x 72", five-ply mahogany top with birch base, Harvest finish; 360 Harvest finish dinette chairs with #8 Duran covered seats	Physical Plant, Student and Staff Apartments	A. D. Sackett, Champaign	8 200 00 f.o.b. delivered
436 free hanging Venetian blinds, wood head and steel slats (for new Green Street Apartment Building)	Physical Plant, Student and Staff Apartments	The Fleming Co., Chicago	2 650 00 installed
One two-tank dishwashing machine, stainless steel, conveyor type, 220 volt, 3 phase, 60 cycle, capacity 6600 dishes per hour	Residence Halls	Sidney Harrison Co., Peoria, Ill.	2 541 50 f.o.b. delivered
One four-open burner gas range with automatic top and oven lighting, stainless steel; one fry-top gas range with automatic top and oven lighting, stainless steel; four deep-fat fryers, 30 lb. capacity, stainless steel	Residence Halls	Urbana Furniture Co., Urbana	1 931 76 f.o.b. delivered
Six watchmen's clocks with leather carrying straps; 200 lock box stations; 31 clock station keys	Physical Plant	Simplex Time Recorder Co., Gardner, Mass.	1 023 50 f.o.b. Gardner, Mass.
5000 board ft. 1" clear red oak lumber, rough, KD—6" and wider, 10'-0" to 16'-0" in length; 5000 board ft. 2" clear birch, rough, KD—6" and wider, 10'-0" to 16'-0" in length; 15 pieces 4" x 4" x 12' clear birch, rough, KD	Physical Plant	Gaines Hardwood Co., St. Louis, Mo.	3 002 00 f.o.b. Urbana
30,000 lbs. soft paste all-purpose white lead	Physical Plant	National Lead Co., Chicago	4 845 00 f.o.b. delivered
500 gal. interior white lead paint mixed in proportions of 100 lbs., basic carbonate white lead, ground in linseed oil, to 3 gal. lead mixing oil	Physical Plant	National Lead Co., Chicago	1 875 00 f.o.b. Urbana
1694 square ft. natural slate blackboard	Physical Plant	W. B. Read & Co., Bloomington	1 599 48 f.o.b. Urbana
Labor and material to resurface Gregory Drive with bituminous concrete, sub-class I-11 from the west edge of the Broadwalk to and including the intersection of Gregory Drive and Sixth Street	Physical Plant	Champaign Asphalt Co., Champaign	5 362 00

		Salary	
14.	A. J. Hartoch, Instructor (⅔ time)	578	
15.	Mrs. Ilse E. Neumann, Instructor	845	
16.	Mrs. Johanna Braunfeld, Instructor (⅔ time)	563	
17.	Mrs. Frances M. Goulson, Instructor (5/6 time)	686	
18.	————————, Instructor (⅔ time)	549	
19.	Guinevere G. Griest, Instructor	734	
20.	————————, Instructor	800	17 816

Mathematics

1.	Evelyn Frank, Assistant Professor	1 178	
2.	M. C. Hartley, Assistant Professor	1 156	
3.	Mrs. Madeleine P. Grenard, Instructor (5/6 time)	788	
4.	L. L. Pennisi, Instructor (5/6 time)	741	
5.	Rose L. Hornacek, Instructor	845	
6.	Grace M. Nolan, Instructor	845	
7.	I. K. Feinstein, Instructor	823	
8.	W. R. Allen, Instructor	823	
9.	Mrs. Helen W. Sears, Instructor	800	
	(See Student Counseling Bureau)	(156)	
	(Total Salary)	(956)	
10.	————————, Instructor	800	8 799

Physical Education

1.	Helen Barton, Assistant Professor and Chairman of Division (½ time)	612	
2.	S. L. Fordham, Instructor in Physical Education for Men	723	
3.	H. J. Frey, Instructor in Physical Education for Men	734	
4.	Inez Nagai, Instructor in Physical Education for Women (½ time)	400	
5.	L. H. Miller, Jr., Assistant in Physical Education for Men	689	
6.	E. D. Ryan, Assistant in Physical Education for Men (½ time)	345	3 503

Physical Sciences

1.	C. R. Meloy, Associate Professor and Chairman of Division	1 512	
2.	B. J. Babler, Associate Professor	1 334	
3.	J. V. Mansfield, Assistant Professor	1 387	
4.	W. K. Weaver, Assistant Professor (⅔ time)	925	
5.	R. W. Karpinski, Assistant Professor	1 267	
6.	Roy Huitema, Assistant Professor	1 200	
7.	Sam Silbergeld, Assistant Professor	1 200	
8.	F. L. Koranda, Instructor	889	
	(Student Counseling Bureau)	(134)	
	(Total Salary)	(1 023)	
9.	C. G. Fawcett, Instructor (¾ time)	642	
10.	Cecil Schwartz, Instructor (¾ time)	584	
11.	Mrs. Martha H. Mackin, Instructor (⅔ time)	519	
12.	G. I. Sackheim, Instructor (⅔ time)	504	
13.	R. H. Elliston, Instructor (½ time)	378	
14.	Julius Wagman, Instructor (⅔ time)	504	
15.	Lillian M. Questiaux, Instructor (⅔ time)	504	
16.	Jeanne A. Kiley, Instructor (½ time)	356	
17.	Mrs. Miriam F. Quetsch, Instructor (½ time)	356	
18.	Alice R. Sackheim, Instructor (⅔ time)	460	
19.	————————, Instructor	800	15 321

Social Science

1.	H. W. Barber, Associate Professor	1 334	
2.	A. D. Cutshall, Associate Professor (5/6 time)	1 075	
3.	E. A. Lipman, Associate Professor	1 267	
	(See Student Counseling Bureau)	(156)	
	(Total Salary)	(1 423)	

	Salary	
4. D. J. Morris, Assistant Professor	1 245	
5. Mrs. Wanda N. Gum, Assistant Professor	1 223	
6. P. P. Klassen, Assistant Professor	1 067	
7. S. L. Jones, Assistant Professor	1 000	
8. Mrs. Mildred I. Finney, Instructor (5/6 time)	741	
9. Ann E. Heilman, Instructor (⅔ time)	563	
10. S. T. Gabis, Instructor (½ time)	378	
11. Mrs. Ruth D. Yaffe, Instructor	667	
12. M. M. Young, Visiting Lecturer	800	
13. ————————, Instructor	800	12 160

Student Counseling Bureau

1. E. A. Lipman, Staff Counselor	156	
(See Social Sciences)	(1 267)	
(Total Salary)	(1 423)	
2. Oscar Miller, Staff Counselor	112	
(See Commerce)	(912)	
(Total Salary)	(1 024)	
3. E. W. Berg, Staff Counselor	156	
(See Commerce)	(844)	
(Total Salary)	(1 000)	
4. W. J. Dunne, Staff Counselor	112	
(See Commerce)	(854)	
(Total Salary)	(966)	
5. C. M. Larson, Staff Counselor	112	
(See Commerce)	(845)	
(Total Salary)	(957)	
6. Mrs. Helen W. Sears, Staff Counselor	156	
(See Mathematics)	(800)	
(Total Salary)	(956)	
7. A. F. Silkett, Staff Counselor	156	
(See Engineering Sciences)	(1 054)	
(Total Salary)	(1 210)	
8. H. J. Johnson, Staff Counselor	156	
(See Engineering Sciences)	(944)	
(Total Salary)	(1 100)	
9. F. L. Koranda, Staff Counselor	134	
(See Physical Sciences)	(889)	
(Total Salary)	(1 023)	1 250
Total, Chicago Undergraduate Division		$91 186

BY-LAWS OF THE ATHLETIC ASSOCIATION

Article I. Name

Section 1. This organization shall be known and incorporated as The Athletic Association of the University of Illinois.

Article II. Purpose

Section 1. The purpose of this organization shall be to carry on athletic sports and promote athletic interests among the students of the University of Illinois.

Article III. Definition of Terms

Section 1. The following words and terms, as used in these by-laws, shall have the meaning set forth below, unless a different meaning is clearly required by the context:

(a) "Association": The Athletic Association of the University of Illinois.

(b) "Board": The Board of Directors of the Athletic Association of the University of Illinois.

(c) "Director": The Director of Inter-Collegiate and Intramural Athletics.

(d) "Trustees": The Board of Trustees of the University of Illinois.

(e) "Business Manager": The Business Manager of the Athletic Association of the University of Illinois.

(f) "Business Office": The Business Office of the University of Illinois.

(g) "Treasurer": The Treasurer of the Athletic Association of the University of Illinois.

(h) "Comptroller": The Comptroller of the University of Illinois.

SECTION 2. The members of the Athletic Association of the University of Illinois shall consist of the Board of Directors of said Association.

ARTICLE IV. GOVERNMENT

SECTION 1. The government of the Association shall be vested in the Board as created and existing pursuant to the conditions provided in the Articles of Incorporation issued by the State of Illinois, under date of February 21, 1890, and as amended January 13, 1920, and amended March 11, 1922. In carrying out its duties the said Board shall conform to any requirements or regulations imposed by the Trustees.

ARTICLE V. BOARD OF DIRECTORS

SECTION 1. The Board shall consist of seven members to be elected annually by the Trustees at their annual March meeting upon recommendation of the President of the University, four from members of the faculty of the University of Illinois, and three from members of the Alumni Association of the University of Illinois.

SECTION 2. Any vacancy occurring in the Board shall be temporarily filled by the President of the University until the Trustees at their next meeting shall elect the successor who shall serve the remainder of the term during which the vacancy occurs.

SECTION 3. The Board shall organize at their first meeting in April and elect from their own membership the following officers: a President, a Vice-President, and a Secretary, whose duties shall be the usual ones pertaining to such offices, and who shall hold office until their successors are duly elected and qualified. The Board shall also elect a Treasurer and another person as Business Manager whose duties shall be as hereinafter stated. These officers shall also be the corresponding officers of the Association. The Board shall appoint a Director of Intercollegiate Athletics who may serve as Director of the School of Physical Education.

SECTION 4. The Board may appoint such committees as it may consider necessary for conducting the affairs of the Board.

SECTION 5. Suitable and adequate bonds of suretyship shall be given by the Treasurer and by the Business Manager and such officers as deemed advisable by the Board, covering the faithful performance of their duties, these bonds to be approved by the Board and filed with the Trustees.

SECTION 6. The Board, subject to the conditions hereinafter provided and to any rules or regulations which the Trustees may adopt concerning the same, shall handle and control all property belonging to the Association or placed in its custody by the Trustees, to collect, handle, and disburse all funds of the Association, and perform such other duties as are necessary in governing the Association or are assigned to it by the Trustees.

ARTICLE VI. FINANCIAL PROCEDURE

SECTION 1. Budget. The Director of Intercollegiate Athletics shall prepare in a form provided by the Trustees an annual budget of the Association showing proposed expenditures and anticipated income. This budget shall indicate the names, positions, tenure, and salaries of all coaches, trainers, and other regular employees. This budget, when approved by the Board shall be transmitted to the President of the University, for submission to the Trustees, with his recommendation, for consideration and approval by the Trustees, and upon such approval it shall constitute the basis for the expenditures of the Association for the succeeding year.

SECTION 2. Deposit of Funds. The Board shall designate one or more depositories in which funds of the Association shall be deposited to the credit of the Treasurer, to be disbursed in the manner hereinafter provided. Such money shall be collected and accounted for in a manner approved by the Business Office.

SECTION 3. Tickets. The purchase and sale of tickets shall be conducted by the Association in accordance with the procedure approved by the Board and the Trustees. All tickets for any contest remaining unsold shall be preserved by the

Association until the audit of ticket sales for that event is completed. The audit of ticket sales shall be made by the Business Office.

SECTION 4. Purchases. All requisitions for materials, supplies, and equipment required by the Association shall be in accordance with the budget or other action of the Board and the Trustees. Such requisitions shall be approved by the Director and Purchase Orders therefor shall be issued by the Business Manager. Purchases in the amount of One Thousand ($1,000.00) Dollars or more shall be approved by the Board or the Executive Committee unless such items have been authorized in the budget, but all such purchases shall be approved by the Business Office before Purchase Orders are written. All purchases shall be on the basis of competitive quotations wherever practicable, quality, suitability, and services considered. Purchases in the amount of less than One Thousand ($1,000.00) Dollars shall be made by the Business Manager after approval of the requisition by the Director.

SECTION 5. Payment of Money. All financial obligations shall be evidenced by vouchers prepared by the Association and shall be approved by the Director or by such other person or persons as the Board may indicate. All obligations shall be paid by check, signed by a member designated by the Association, and countersigned by an officer or representative of the Trustees of the University to be designated by the Trustees.

SECTION 6. Working Fund. The Business Manager may be allotted a working fund of not more than $10,000, the amount of which shall be determined by the Board. Its purpose shall be the payment of petty and emergency items for which it shall be reimbursed from time to time by regular voucher and check for the Association.

SECTION 7. Accounts. The accounts of the Association shall be kept by the Business Manager in a form approved by the Business Office. Financial reports shall be transmitted by the Association to the Trustees at such times and in such form as the Comptroller may prescribe. A financial statement of the Association shall be published annually.

SECTION 8. The Fiscal Year. The fiscal year of the Association shall begin July 1st and end on June 30th, following.

SECTION 9. The Board shall determine the price and condition of the sale of coupon books and other tickets of admission to athletic games. Regulations concerning coupon books shall be printed therein. The Board shall also make all regulations governing the issuing of complimentary tickets.

SECTION 10. Contracts. All contracts entered into by the Association shall be handled as follows:

(a) Contracts for athletic games shall be executed and approved by the Director (unless otherwise directed by the Board), subject to the approval of schedules by the Senate Committee on Athletics.

(b) Broadcasting and television contracts shall be approved and executed by the Director, subject to concurrence as to policy by the Director of University Broadcasting.

(c) Contracts for concessions, exhibitions, and entertainment shall be approved and executed by the Director, subject to approval by the Comptroller.

(d) Contracts for capital additions, replacements, and alterations shall be in accordance with the budget or other action of the Board and the Trustees. Requisitions therefor shall be approved by the Director, and Purchase Orders therefor shall be issued by the Business Manager. Such contracts involving an expenditure of One Thousand ($1,000.00) Dollars or more shall be approved by the Board or the Executive Committee unless such items have been authorized in the budget, but all such contracts shall be approved by the Comptroller of the University before Purchase Orders are written. All such contracts shall be awarded on the basis of competitive quotations wherever practicable and a report thereof shall be made to the Board by the Business Manager. Such contracts involving an expenditure of less than One Thousand ($1,000.00) Dollars shall be made by the Business Manager after approval of the requisition by the Director.

(e) Contracts for transportation, ushers, personal and professional services (other than staff service), and other contracts involving less than One Thousand ($1,000.00) Dollars shall be approved and executed by the Business Manager, provided such contracts are covered by the budget.

SECTION 11. Audits. The accounts of the Association shall be audited at least once each year by a certified public accountant approved by the Trustees, and the report of every such audit shall be transmitted to the Board and to the Trustees.

ARTICLE VII. MEETINGS

SECTION 1. The regular meeting of the Board shall be held during the month of April in each scholastic year, at a date to be determined by the President of the Board. Four (4) members shall constitute a quorum for the transaction of business.

SECTION 2. Special meetings may be called by the President or a majority of the Board.

ARTICLE VIII. SELECTION OF THE ATHLETIC COUNCIL

SECTION 1. The Athletic Council shall consist of three members of the faculty, to be appointed by the President of the University; three alumni to be elected by the Athletic Council, two of whom shall not be connected with the University; the Director of Intercollegiate Athletics; the President of the Tribe of Illini, and the seven undergraduate student managers of the following sports: (1) football, (2) baseball, (3) track, (4) intramural athletics, (5) basketball, (6) wrestling, and (7) gymnastics, circus, and football pageantry.

SECTION 2. The term of office of each faculty and alumni representative shall be three years, so arranged that the term of office of one of each group shall expire annually.

SECTION 3. The undergraduate student managers shall be elected by the Athletic Council on the Wednesday following the annual Interscholastic meet, in accordance with rules fixed and published by the Athletic Council.

SECTION 4. The captains and coaches of the Intercollegiate Athletic teams of the University shall be associate members of the Council, without the right to vote, and shall be entitled to attend meetings of the Council and to discuss matters relative to their respective interests.

ARTICLE IX. OFFICERS OF THE ATHLETIC COUNCIL

SECTION 1. The Athletic Council shall choose a President, Vice-President, and a Secretary from among its undergraduate members, and they shall have the duties usual to such offices.

ARTICLE X. MEETINGS OF THE ATHLETIC COUNCIL

SECTION 1. The first regular meeting of the year shall be called by the Director not later than the second Wednesday after registration. At this meeting the Council shall be organized by the election of officers.

SECTION 2. The second regular meeting of the year shall be called by the President on the Wednesday following the annual Interscholastic meet. (See Art. VI, Sec. 7 and Art. V, Sec. 2e.)

SECTION 3. Special meetings may be called at any time by the President of the Council at the request of two members of the Council.

SECTION 4. Eight members of the Council shall constitute a quorum. At least two of these shall be faculty representatives or alumni. Voting by proxy shall not be permitted. The Council shall be governed by Roberts' Rules of Order.

ARTICLE XI. DUTIES AND POWERS OF THE ATHLETIC COUNCIL

SECTION 1. The duties and powers of the Athletic Council shall be:

(a) To make rules and regulations governing the election of student managers.

(b) To make rules and regulations governing the granting of University letters and other awards.

(c) To approve the election of captains of the athletic teams.

(d) To make recommendation to the Board regarding all general questions of athletic policy.

(e) To nominate a candidate for the Conference medal "for proficiency in athletics and in scholastic work."

(f) To conduct such other business of athletic import as may arise which does not concern major policies of the Board.

ARTICLE XII. VACANCIES IN THE ATHLETIC COUNCIL

SECTION 1. Any vacancies occurring in the alumni or undergraduate membership of the Athletic Council may be filled at any regular meeting of the Council.

SECTION 2. Any vacancies occurring in the faculty membership of the Council shall be filled by the President of the University, the appointee to serve for the remainder of the term.

ARTICLE XIII

SECTION 1. The by-laws of the Association may be amended by the Board at any regular meeting or at any special meeting called for that purpose. Any proposed amendment shall be submitted in writing to each member of the Board by mailing a copy thereof to each such member not less than ten (10) days prior to the meeting at which such proposed amendment shall be considered. Any such amendment shall, after adoption by the Board, be submitted to the Trustees for its consideration before the same shall take effect.

ARTICLE XIV

SECTION 1. The appointment of the Director of Intercollegiate Athletics and whether he shall also serve as Director of the School of Physical Education, the vouchers evidencing financial obligations, the form of keeping accounts, and of the annual statement to be published by the Association, and the designation of the certified public accountant to make the annual audit of the books of the Association, shall be subject to approval by the Trustees.

PROPOSED FEES FOR PART-TIME STUDENTS IN THE CHICAGO PROFESSIONAL COLLEGES

Residents of Illinois registered for partial programs of two hundred clock hours or less in a quarter in the colleges of Dentistry and Medicine pay tuition fees at the rate of $2.50 for twenty-five clock hours or fraction thereof. Non-Illinois students registered for partial programs pay double this rate. Students taking more than two hundred clock hours in a quarter pay the full tuition fees.

In the College of Pharmacy, students registered for twelve credit hours or less pay tuition fees at the rate of $2 a credit hour if residents of Illinois, or $4 a credit hour if non-residents. For thirteen credit hours or more, the full tuition fees are charged.

Part-time students in the colleges of Medicine and Dentistry pay a laboratory fee based on the portion of the total program being taken. Students taking up 25 per cent of the total program pay one-fourth of the regular laboratory fee; from 25 to 50 per cent of the program, one-half of the regular fee; from 50 to 75 per cent, three-fourths of the regular fee; and over 75 per cent, the full laboratory fee.

In the College of Pharmacy, students taking twelve quarter hours or less pay $3 per quarter hour credit in courses involving laboratory work. In no case will a student be assessed a greater laboratory fee than is paid by the full time student.

All part-time students pay the full Union Building service charge.

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED APRIL 1 TO 30, 1950

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
United States Air Force	Study of fluorinated compounds as fungicides	$ 9 000 00	February 28, 1950
United States Army	Study of designs of water filters	20 000 00	March 31, 1950
National Bureau of Standards	Study of VHF field intensity measurements	9 728 00	February 20, 1950
Public Works Office Ninth Naval District	Power from electric supply panel to MK 3 gunnery trainer	200 00	January 10, 1950
Bureau of Public Roads	Study of reinforced concrete beams	6 500 00	March 15, 1950
Reinforced Concrete Research Council	Study of reinforced concrete beams	6 500 00	March 15, 1950
Kawneer Co.	Study of thin rectangular flat plates	3 600 00	April 25, 1950
Chas. Pfizer and Co., Inc.	Study of vitamins in swine nutrition	1 500 00	April 24, 1950
Gulf Research and Development Co.	Study of pyrethrum synergists	2 000 00	April 24, 1950

PROPOSED FEE SCHEDULE FOR CHICAGO PROFESSIONAL COLLEGES

	First Year		Second Year		Third Year		Fourth Year	
	Ill.	*Non-Ill.*	*Ill.*	*Non-Ill.*	*Ill.*	*Non-Ill.*	*Ill.*	*Non-Ill.*
Dentistry								
1. Tuition	$ 81 00	$162 00	$ 81 00	$162 00	$ 81 00	$162 00	$ 81 00	$162 00
2. Laboratory	177 00	246 00	177 00	246 00	177 00	246 00	177 00	246 00
3. Union Building	10 50	10 50	10 50	10 50	10 50	10 50	10 50	10 50
Total	$268 50	$418 50	$268 50	$418 50	$268 50	$418 50	$268 50	$418 50
Medicine								
1. Tuition	$ 81 00	$162 00	$ 81 00	$162 00	$ 81 00	$162 00	$ 81 00	$162 00
2. Laboratory	177 00	246 00	177 00	246 00	225 00	294 00	225 00	294 00
3. Union Building	10 50	10 50	10 50	10 50	10 50	10 50	10 50	10 50
Total	$268 50	$418 50	$268 50	$418 50	$316 50	$466 50	$316 50	$466 50
Pharmacy								
1. Tuition	$ 81 00	$162 00	$ 81 00	$162 00	$ 81 00	$162 00	$ 81 00	$162 00
2. Laboratory	60 00	78 00	90 00	108 00	90 00	108 00	96 00	114 00
3. Union Building	10 50	10 50	10 50	10 50	10 50	10 50	10 50	10 50
Total	$151 50	$250 50	$181 50	$280 50	$181 50	$280 50	$187 50	$286 50

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
Bowman Dairy Co.	Install, maintain, and operate milk vending machines at the Chicago Professional Colleges	10% of receipts	April 3, 1950
Coca-Cola Bottling Co. of Chicago, Inc.	Install, maintain, and operate Coca-Cola coin operated coolers at Chicago Professional Colleges	Rates per contract	March 10, 1950
Frozen Bar Vending Machine Co., Inc.	Install, maintain, and operate vending machines at the Chicago Professional Colleges	25% of receipts	April 10, 1950
Illinois Mechanical Candy Co.	Install, maintain, and operate vending machines at the Chicago Professional Colleges	15% of receipts	March 30, 1950
Kelner Vendors Co.	Install, maintain, and operate cigarette vending machines at the Chicago Professional Colleges	Rates per contract	April 6, 1950

With Whom	*Purpose*	*Amount to be Paid by the University*	*Date*
Franklin-Adams Co.	Space in Chicago for Division of Services for Crippled Children for period of fifteen months	$12 693 75	March 15, 1950

Contract Changes Executed

With Whom	*Purpose*	*Amount of Change*	*Date*
Square Deal Electric Co.	Green Street apartments	$1 114 00	January 24, 1950

Adjustments in Authorizations Issued Prior to July 1, 1949, Under Cost-Plus Standing Contracts

With Whom	*Purpose*	*Amount*
Lewis S. Colbert	Three adjustments	$ 243 67

PURCHASES

A. Purchases Authorized

The following purchases were authorized by the President of the University on the recommendations of the Director of Purchases and the Comptroller.

Item	*Department*	*Vendor*	*Cost*
25,000 lbs. 25 x 38—60# English finish book paper; 15,000 lbs. 25 x 38—70# English finish book paper	Office Supply Store	Marquette Paper Co., Chicago	$4 480 00 f.o.b. delivered
35,000 feet ½ inch electrical metallic tubing; 10,000 feet ¾ inch electrical metallic tubing; 6000 feet 1 inch electrical metallic tubing	Physical Plant Storeroom	Decatur Electric Supply Co., Decatur	3 062 04 f.o.b. delivered
10,500 ft. galvanized steel pipe, ½"; 8400 ft. galvanized steel pipe, ¾"; 4200 ft. galvanized steel pipe, 1"; 3150 ft. galvanized steel pipe, 1 ¼"; 4200 ft. black steel pipe, 1"; 3150 ft. black steel pipe, 1 ¼"; 2100 ft. black steel pipe, 1 ½"	Physical Plant Storeroom	Crane Co., Terre Haute, Ind.	3 468 57 delivered

B. Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

Item	*Department*	*Vendor*	*Cost*
One lot laboratory porcelain ware; one lot laboratory supplies	General Chemical Stores	Schaar & Co., Chicago	$3 629 13 f.o.b. Urbana
One lot laboratory glassware for General Chemical Stores for the summer and fall terms, 1950	General Chemical Stores	A. Daigger & Co., Chicago	14 252 14 f.o.b. Urbana

Item	*Department*	*Vendor*	*Cost*
One lot laboratory apparatus to be used as stock in General Chemical Stores for the summer of 1950 and the first semester of 1950-1951	General Chemical Stores	Rascher & Betzold Co., Chicago	2 693 70
		A. S. LaPine & Co., Chicago	1 376 48
		Chicago Apparatus Co., Chicago	1 203 52
		Schaar & Co., Chicago	985 92
		Wilkens-Anderson Co., Chicago	836 68
		E. H. Sargent & Co., Chicago	546 42
		A. Daigger & Co., Chicago	361 79
		Central Scientific Co., Chicago	314 68
		A. S. Aloe Co., St. Louis, Mo.	291 57
		(All f.o.b. Urbana) Total	8 610 76
One lot laboratory chemicals for instructional purposes during the summer of 1950 and the first semester of 1950-1951	General Chemical Stores	A. S. LaPine & Co., Chicago	3 973 34
		Merck & Co., St. Louis, Mo.	1 893 07
		Schaar & Co., Chicago	1 741 42
		E. H. Sargent & Co., Chicago	1 597 28
		Mallinckrodt Chemical Works, St. Louis, Mo.	1 177 75
		General Chemical Co., Chicago	1 096 01
		J. T. Baker Chemical Co., Chicago	915 85
		Rascher & Betzold, Chicago	717 16
		Wilkens-Anderson Co., Chicago	510 75
		A. Daigger & Co., Chicago	257 96
		Chemical Rubber Co., Cleveland, Ohio	199 84
		Central Scientific Co., Chicago	132 73
		(All f.o.b. Urbana) Total	14 213 16
One lot laboratory equipment and supplies for the new Bacteriology Laboratory	Bacteriology (Liberal Arts and Sciences)	A. S. LaPine & Co., Chicago	8 724 10 f.o.b. Urbana
One quartz monochromator, Universal type	Bacteriology (Liberal Arts and Sciences)	Worcester Foundation for Experimental Biology, Shrewsbury, Mass.	1 150 00 delivered
Ten panel boards, electrical distribution as per specifications submitted by Chemistry Department, to be installed in East Chemistry Building to complete distribution panel system not included in building contract	Chemistry	Standard Electric Time Co., Springfield, Mass.	2 855 80 f.o.b. Springfield, Mass.
2235 coils, cased with inductance from 15.9 microhenrys to 955 and 1.59 to 95.5 millihenrys as per specifications	Electrical Engineering	Burnell & Co., Yonkers, N.Y.	8 256 00 f.o.b. Yonkers, N.Y.
Two type 511AD Cathode ray oscilloscopes; two type XR-500 Scope-Mobile	Physics	James E. Everett, Evanston	1 885 00 f.o.b. Portland, Ore.
One velocity measuring equipment for shock tube (this is special electronic equipment for use in the Shock Tube Laboratory)	Aeronautical Engineering	Princeton University, Princeton, N.J.	5 500 00
Air-conditioning system to be installed in the Physical Environment Laboratory conforming to specifications prepared by E. P. Heckel and Associates, Consulting Engineers, Chicago	Mechanical Engineering	Vilter Sales & Construction Co., Chicago	9 675 00 delivered and installed
Forage harvester complete with motor, hay pickup attachment, and forage blower	Agricultural Administration (Dixon Springs Experiment Station)	Gehl Brothers Manufacturing Co., West Bend, Wis.	1 599 50 f.o.b. Dixon Springs
One X-ray unit, 100 MA-90 kv., capable of making chest plates in one-tenth second at two meters, complete with cassettes, tanks, and other accessories	Health Service	Picker X-Ray Corp., Chicago	2 175 00 delivered and installed

Item	*Department*	*Vendor*	*Cost*
335 cages and 40 racks for laboratory animals, assorted sizes, according to specifications	Animal Hospital	Bussey Products Co., Chicago	4 456 10 delivered
21 adult foot pump dental chairs with simplified headrest and form fitting leather covered seat, ivory tan finish, less allowance for an equal number of old chairs	Dental Clinics	S. S. White Dental Manufacturing Co., Chicago	8 032 50 f.o.b. delivered and installed
49 monocular microscopes, Spencer 35-M or Bausch and Lomb equivalent, and six monocular microscopes, Spencer 35 or Bausch and Lomb equivalent with oil immersion lens; engraving included, less allowance for 70 obsolete instruments	College of Pharmacy	C. W. Alban & Co., St. Louis, Mo.	8 188 00 f.o.b. delivered
Microfilming and micro-indexing 240,000 old student records in the Office of Admissions and Records	Office of Admissions and Records	Remington Rand, Inc., Chicago	1 375 20
60,000 lbs. 25 x 38—70# white coated book paper; 40,000 lbs. 25 x 38—60# white coated book paper; 5000 lbs. 25 x 28½—52½# white coated book paper	Office Supply Store	Dwight Bros. Paper Co., Chicago	12 980 10 delivered to our warehouse
66 double bed size hide-a-beds and mattresses with "Y" quality covering; five three-fourths bed size hide-a-beds and mattresses with "Y" quality covering	Physical Plant, Student and Staff Apartments	Robeson's, Inc., Champaign	11 860 27 f.o.b. delivered
90 extension dinette tables, 36" x 72", five-ply mahogany top with birch base, Harvest finish; 360 Harvest finish dinette chairs with #8 Duran covered seats	Physical Plant, Student and Staff Apartments	A. D. Sackett, Champaign	8 200 00 f.o.b. delivered
436 free hanging Venetian blinds, wood head and steel slats (for new Green Street Apartment Building)	Physical Plant, Student and Staff Apartments	The Fleming Co., Chicago	2 650 00 installed
One two-tank dishwashing machine, stainless steel, conveyor type, 220 volt, 3 phase, 60 cycle, capacity 6600 dishes per hour	Residence Halls	Sidney Harrison Co., Peoria, Ill.	2 541 50 f.o.b. delivered
One four-open burner gas range with automatic top and oven lighting, stainless steel; one fry-top gas range with automatic top and oven lighting, stainless steel; four deep-fat fryers, 30 lb. capacity, stainless steel	Residence Halls	Urbana Furniture Co., Urbana	1 931 76 f.o.b. delivered
Six watchmen's clocks with leather carrying straps; 200 lock box stations; 31 clock station keys	Physical Plant	Simplex Time Recorder Co., Gardner, Mass.	1 023 50 f.o.b. Gardner, Mass.
5000 board ft. 1" clear red oak lumber, rough, KD—6" and wider, 10'-0" to 16'-0" in length; 5000 board ft. 2" clear birch, rough, KD—6" and wider, 10'-0" to 16'-0" in length; 15 pieces 4" x 4" x 12' clear birch, rough, KD	Physical Plant	Gaines Hardwood Co., St. Louis, Mo.	3 002 00 f.o.b. Urbana
30,000 lbs. soft paste all-purpose white lead	Physical Plant	National Lead Co., Chicago	4 845 00 f.o.b. delivered
500 gal. interior white lead paint mixed in proportions of 100 lbs., basic carbonate white lead, ground in linseed oil, to 3 gal. lead mixing oil	Physical Plant	National Lead Co., Chicago	1 875 00 f.o.b. Urbana
1694 square ft. natural slate blackboard	Physical Plant	W. B. Read & Co., Bloomington	1 599 48 f.o.b. Urbana
Labor and material to resurface Gregory Drive with bituminous concrete, sub-class I-11 from the west edge of the Broadwalk to and including the intersection of Gregory Drive and Sixth Street	Physical Plant	Champaign Asphalt Co., Champaign	5 362 00

Item	*Department*	*Vendor*	*Cost*
One metal storage building 32′ x 48′ including unloading dock and ramp as specified	General Chemical Stores	Harshbarger Building & Supply Co., Urbana	6 864 20 delivered
Rental of tents for 4-H Memorial Camp from June 21 to August 9, 1950	Extension Service in Agriculture and Home Economics	Armbruster Manufacturing Co., Springfield	1 149 30
Complutensian Bible (Biblia polyglotta), 1514-17, 6 v.	Library	C. A. Stonehill, Inc., New Haven, Conn.	3 000 00
5000 copies *Illini Years* to be bound in accordance with specifications (composition and presswork will be done by the University Press)	Print Shop	Brock & Rankin, Chicago	2 675 00
7000 copies of soil map of Henderson County, Illinois, to be lithographed on 60 lb. substance offset	Agronomy	A. Hoen & Co., Inc., Baltimore, Md.	7 590 00
5000 copies reprints of 218 pages 8½ x 11 *Better Farming*	Agricultural Administration	Cushing Malloy, Inc., Ann Arbor, Mich.	1 800 00 f.o.b. Urbana
15,000 Navy Pier catalogs for 1950-1951	Public Information	Printing Products Corp., Chicago	3 005 00
One 7 ft. Baldwin grand piano One Hamilton grand piano	School of Music	Mendel Riley, Champaign	2 781 54 1 256 64
		Total	4 038 18
Three automobiles, two-door sedans, replacing one 1940 Ford (Vehicle #715), one 1941 Studebaker (Vehicle #722), and one 1940 Chevrolet (Vehicle #794)	Agricultural Administration	Sullivan Chevrolet Co., Champaign	3 100 98
One four-door, five-passenger Buick, model 41-D sedan complete with heater, defroster, directional signals, dynaflo and porcelainized finish, to replace 1947 seven-passenger Dodge sedan	Chicago Undergraduate Division	Robertson Buick Co., Chicago	1 225 31
One Fordor five-passenger Ford, model D-1X sedan, with heater, to replace 1941 five-passenger Studebaker Fordor sedan	Chicago Undergraduate Division	Noble Motor Co., Danville	1 090 00
Hospital Malpractice Liability Insurance (broad form) effective May 1, 1950, for three years at limits of $25,000 each patient and $100,000 aggregate each policy year within the policy period covering the Board of Trustees of the University of Illinois and all full-time staff of the University, including physicians, surgeons, dentists, pharmacists, nurses, interns, technicians, orderlies, and other employees involved in the direct care and treatment of patients at the University of Illinois Research and Educational Hospitals, Illinois Neuropsychiatric Institute, Illinois Eye and Ear Infirmary, and the College of Dentistry, in Cook County, Chicago, as provided under Section B of present Board policy on insurance	Chicago Professional Colleges	James S. Kemper & Co., Chicago, representing Lumbermens Mutual Casualty Co., Chicago	12 065 67
Builders' all-risk insurance including fire, extended coverage, vandalism and malicious mischief coverages at two-year rates on a monthly reporting form basis effective June 1, 1950, on the Veterinary Medicine Building, Urbana, on which the final insurable value is estimated at $1,300,000	Physical Plant	V. P. Hartwell, Peoria G. B. Franks, Champaign A. J. Horan, Chicago Joseph Gill, Chicago	900 00 900 00 900 00 900 00
		Total	3 600 00
One RCA 50-KW FM transmitter; one 550-foot Truscon type H40 steel tower; one eight-bay, square look FM antenna and connecting coaxial cables, spare tubes, and other operating parts	Radio Station	The Journal Co., WTMJ, Milwaukee, Wis.	25 000 00

Item	*Department*	*Vendor*	*Cost*
One Universal milling machine with 2 h.p., 3 phase, 220 V direct drive motor, 9″ table, 16 power feeds ranging from ¼″ to 30″ and ⅛″ to 15″ with rapid traverse, 10″ universal dividing lead and tailstock, steady rest, swivel vise, arbors, collet adapter, and reducing collets	Industrial Education	Cincinnati Milling & Grinding Machines, Inc., Chicago	5 183 16 f.o.b. Cincinnati, Ohio
Book shelf units for library in Noyes Laboratory of Chemistry	Library	Jack Sheean, Bloomington	1 439 00
516 27″ x 54″ wool rugs, 189 pitch, 7½ wires per inch	Residence Halls (Lincoln Avenue Residence)	Carson Pirie Scott & Co., Chicago	2 889 28 f.o.b. Urbana
Labor and material for excavating, placing gravel fill, and construction of concrete foundation and floor slab for 40′ x 120′ steel building to be erected at the Airport	Institute of Aviation	Wascher Concrete & Insulation Co., Champaign	4 372 00
One 40′ x 120′ insulated steel building according to specifications to be erected on foundation provided by others	Institute of Aviation	Harshbarger Building & Supply Co., Urbana (Quonset building)	9 935 14
		Wascher Concrete & Insulation Co., Champaign (Insulation)	3 948 00
		Total	13 883 14
4000 copies *What's Its Name?* by Jean Utley, to be printed and bound	University Press	Interstate Printing Co., Danville	2 397 45 f.o.b. Urbana
12,000 copies of book, *The Miracle of Growth*, to be printed and bound	University Press	R. R. Donnelley & Sons Co., Chicago	5 108 00 f.o.b. Urbana
800 copies *Ecology of Animal Parasites*, by Jean C. Baer, to be printed and bound	University Press	Waverly Press, Inc., Baltimore, Md.	2 546 00 f.o.b. Baltimore, Md.

GIFTS AND GRANTS RECEIVED BY THE UNIVERSITY

For the Colleges and Schools at Urbana-Champaign

A. Undergraduate Scholarships, Prizes, and other Financial Aids

1. Mr. Robert Allerton, Hawaii, $800 for the continuation of the Allerton Traveling Scholarships in Architecture for 1950.

2. Mrs. Margaret Anderson, Morris, Illinois, $2,000 to be added to the William Anderson Memorial Scholarship in Music in memory of her late husband (the amount received to date is $10,600).

3. Lou Boudreau Trust Fund (a trust set up in the National Bank of Harvey, Illinois, by citizens of that community), $116 per academic year for the Lou Boudreau Scholarship to be awarded a male graduate of Thornton Township High School attending the University.

4. Brook Hill Farms, Inc., Chicago, $100 for the continuation of the Brook Hill Farms Scholarship in dairy technology.

5. Campus Chest, an undergraduate fund-raising organization, $640 for undergraduate scholarships.

6. Illinois Congress of Parents and Teachers, $500 for scholarships for students in the field of special education.

7. Illinois Federation of Women's Clubs, $1,500 to be added to the Occupational Therapy Scholarship Fund (the amount received to date is $15,500).

8. Illinois Federation of Women's Clubs, Third District, $120 to be added to the Third District fund for scholarships in occupational therapy (the amount received to date is $4,860).

9. Johanna Lodge No. 9, United Order of True Sisters Philanthropy Fund, $200 for scholarships for teachers specializing in the curriculum for the education of the deaf.

10. Mr. Charles J. Merriam, Chicago, $2,952.50 in stocks to establish the Charles E. Merriam Scholarship, plus $100 this year to supplement income from stocks for a $250 annual scholarship to the Illinois high school senior who submits the best written survey report on a subject in the field of local government.

11. Messrs. Albert Jr., Joseph S., and Louis Moore, Chicago, alumni of the University, $1,000 for two Robert C. Zuppke Scholarships to male residents of

Illinois pursuing the general curriculum of the School of Physical Education for the academic year 1950-1951.

12. National Association of Thoroughbred Breeders, Lexington, Kentucky, $320 for a scholarship in agriculture or home economics for a participant in the Future Farmers of America program or its counterpart for girls, to be known as the National Association of Thoroughbred Breeders Scholarship.

13. The Presser Foundation, Philadelphia, Pennsylvania, $250 for the Presser Foundation Scholarship for a student in the School of Music for the academic year 1949-1950.

14. Mr. John W. Ruettinger, Chicago, $500 for the continuation of the John C. Ruettinger Memorial Scholarship for 1950-1951.

15. Ruhm Phosphate and Chemical Company, Chicago, $1,000 for the Dr. Cyril G. Hopkins Agricultural Scholarship to be awarded to the winner of the essay contest on *Soil Building in Soil Conservation* for 1949-1950.

16. Air Foundation, $1,000 to be added to the Air Foundation Scholarship Fund.

17. Anonymous, $1,530; Berger, Kelley, and Associates, Champaign, $100; Clifford-Jacobs Forging Company, Champaign, $300 to be added to the James M. White Memorial Fund, the income to be used for awards and prizes to students in the Department of Architecture.

18. Dr. Dwight O. North of the Radio Corporation of America, Princeton, New Jersey, $150 for a prize fund of which $25 shall be awarded each year to the student submitting the best thesis for the Master of Science degree in electrical engineering during the year.

19. United Spanish War Veterans, Department of Illinois Auxiliary, $50 for a prize to be awarded to the woman student who has the highest scholastic standing in home economics in the freshman class.

20. Bollingen Foundation, Inc., New York City, $8,000 to assist in publication of Volume I of Professor Ben E. Perry's work on *Aesopica* by the University of Illinois Press (payment to be received after June 1, 1950).

21. Illinois Milk Producers' Association, Chicago, $300 for preparation and distribution of economic charts by the Department of Agricultural Economics.

22. Prairie Farms Creameries, Chicago, $300 for preparation and distribution of economics charts by the Department of Agricultural Economics.

23. Raymond Concrete Pile Company, New York City, $2,000 to assist in publication of Engineering Experiment Station Circular, *Lectures on Foundation Engineering*, by Professor Albert E. Cummings.

24. The Rockefeller Foundation, New York City, $7,700 for the second seminar on educational radio, to be conducted by the Institute of Communications, at Robert Allerton Park in the summer of 1950 (funds in the amount of $6,380 were received last year).

25. Student Dairy Technology Society and anonymous donors, $404.25 for transportation and subsistence expenses of the Student Dairy Products Judging Team in attending the International Collegiate Judging Contest for Dairy Products.

26. Technical Board of the Wrought Steel Wheel Industry, Chicago, $400 to assist in publication of Engineering Experiment Station Bulletin 387, *The Effect of Brake Shoe Action on Thermal Cracking and on Failure of Wrought Steel Railway Car Wheels*, by Professors Herman J. Schrader and Omar M. Sidebottom and Mr. Harry R. Wetenkamp.

Total, Undergraduate Scholarships, Prizes, and Other Financial Aid . . $34 332 75

B. Funds for Graduate Fellowships, Scholarships, and Research

27. Allied Chemical and Dye Corporation, New York City, $2,400 for the renewal of two fellowships in chemistry ($1,200 each) for the academic year 1949-1950.

28. American Cyanamid Company, Bound Brook, New Jersey, $3,000 for the renewal of a postdoctoral fellowship in chemistry for the academic year 1949-1950.

29. Armour and Company, Chicago:

a. $1,650 for a fellowship in chemistry, under the supervision of Professor George L. Clark, for the academic year 1949-1950.

b. $3,600 for a fellowship on X-ray studies of fatty acid derivatives in the Department of Chemistry, under the supervision of Professor George L. Clark, for the academic year 1950-1951.

30. The Borden Company, Chicago, $1,000 for the renewal of a fellowship in chemistry for one year from February 1, 1950.

31. E. I. du Pont de Nemours and Company, Inc., Wilmington, Delaware:

a. $4,500 for a fellowship in chemistry ($3,000 for the stipend and $1,500 for miscellaneous expenses) for the academic year 1949-1950.

b. $2,200 for a fellowship in chemistry ($1,200 for the stipend and $1,000 for miscellaneous expenses) for the academic year 1949-1950; $300 additional stipend for second semester due to change from single to married status.

c. $2,800 for a fellowship in chemical engineering ($1,800 for the stipend and $1,000 for miscellaneous expenses) for the academic year 1949-1950.

32. Eastman Kodak Company, Rochester, New York, $1,200 for the renewal of a fellowship in chemistry for the academic year 1949-1950.

33. Ethyl Corporation, Detroit, Michigan, $1,200 for a fellowship in chemical engineering, under the supervision of Professor Harry G. Drickamer, for the academic year 1949-1950.

34. The Firestone Tire and Rubber Company, Akron, Ohio, $1,500 for the renewal of a fellowship in chemistry, under the supervision of Professor Frederick T. Wall, for the academic year 1949-1950.

35. General Aniline and Film Corporation, New York City, $1,395.63 for the renewal of a fellowship in chemistry, under the supervision of Professor John C. Bailar, Jr., for the academic year 1950-1951.

36. Illinois Clay Products Company, Joliet, Illinois, $2,000 for a fellowship in clay mineralogy in the Department of Geology ($1,500 for the stipend and $500 for miscellaneous expenses), under the supervision of Professor Ralph E. Grim, for the academic year 1949-1950.

37. Eli Lilly and Company, Indianapolis, Indiana, $2,000 for the renewal of a fellowship in chemistry ($1,000 a year), under the supervision of Professor Nelson J. Leonard, for the academic years 1948-1949 and 1949-1950.

38. Lindsay Light and Chemical Company, West Chicago, Illinois, $1,200 for a fellowship in chemistry for the academic year 1950-1951.

39. Minnesota Mining and Manufacturing Company, St. Paul, Minnesota, $1,800 for the renewal of a fellowship in chemistry ($1,200 for the stipend and $600 for miscellaneous expenses) for the academic year 1950-1951.

40. Monsanto Chemical Company, St. Louis, Missouri, $1,500 for the renewal of a fellowship in chemistry, under the supervision of Professor Carl S. Marvel, for the academic year 1950-1951.

41. National Lead Company, Baroid Sales Division, Houston, Texas, $1,200 for the National Lead Company Fellowship in Geology in the field of clay mineralogy, under the supervision of Mr. Ralph E. Grim, for the academic year 1949-1950.

42. The Edward Orton Jr. Ceramic Foundation, Columbus, Ohio, $1,200 for the renewal of a fellowship in ceramic engineering ($1,000 for the stipend and $200 for miscellaneous expenses) for the academic year 1949-1950.

43. Pan-American Refining Corporation, New York City, $1,265 for renewal of a fellowship in chemical engineering for the academic year 1950-1951.

44. Rohm and Haas Company, Philadelphia, Pennsylvania:

a. $1,200 for the renewal of a fellowship in chemistry, under the supervision of Professor Reynold C. Fuson, for the academic year 1949-1950.

b. $1,200 for the renewal of a fellowship in chemistry, under the supervision of Professor Reynold C. Fuson, for the academic year 1950-1951.

45. Shell Fellowship Committee, New York City, $3,000 for the renewal of two fellowships — one in geology and one in chemical engineering — for the academic year 1949-1950 ($1,200 for the stipend and $300 for miscellaneous expenses).

46. Socony-Vacuum Laboratories, New York City, $2,000 for the renewal of a fellowship in chemistry, under the supersivion of Professors Reynold C. Fuson and Frederick T. Wall, for the academic year 1950-1951.

47. Standard Oil Company of California, San Francisco, California, $1,250 for the renewal of a fellowship in chemistry for the academic year 1949-1950.

48. Standard Oil Company of Indiana, Chicago:

a. $1,500 for a fellowship in chemistry ($1,200 for the stipend and $300 for miscellaneous expenses) for the academic year 1950-1951.

b. $1,500 for a fellowship in chemical engineering ($1,200 for the stipend and $300 for miscellaneous expenses) for the academic year 1950-1951.

49. Henry Strong Educational Foundation, Chicago, $600 for a fellowship in physics, chemistry, or engineering for the academic year 1949-1950.

50. Titanium Alloy Manufacturing Company, New York City, $2,000 for the renewal of a fellowship in ceramic engineering ($1,800 for the stipend and $200 for miscellaneous expenses) for the academic year 1948-1949.

51. United States Public Health Service:

a. $540 for a postdoctoral fellowship in the Department of Chemistry for the academic year 1949-1950 (C-1246 — F-1950).

b. $540 for a postdoctoral fellowship in the Department of Bacteriology for the academic year 1949-1950 (RG-2493 — F-1313).

52. The Upjohn Company, Kalamazoo, Michigan, $1,461.60 for the renewal of a fellowship for work on enzymic transformations of adrenal cortex, under the supervision of Professor Carl S. Vestling, for the academic year 1950-1951.

53. Victor Chemical Works, Chicago, $1,750 for the renewal of a fellowship in chemistry, under the supervision of Professor Ludwig F. Audrieth, for the academic year 1949-1950.

54. Abbott Research Laboratories, North Chicago, Illinois, $1,000 in continued support of research on the side effects of antihistaminic drugs for the academic year 1949-1950.

55. American Cyanamid Company, New York City, $600 for a study of the value of rock phosphate as a filler in complete fertilizers in the Department of Agronomy.

56. The American Cancer Society, Washington, D.C., $2,625 in support of research on genetically induced mutations in plastids in the Department of Botany ($2,500 plus $125 for miscellaneous expenses), under the supervision of Professor Marcus M. Rhoades, for the academic year 1948-1949.

57. American Life Convention and the Life Insurance Association of America, Joint Committee on Investment Research, $5,150 from R. W. Goldsmith Associates, Washington, D.C., for research on family savings in the United States in the Department of Economics, under the supervision of Professor Dorothy S. Brady, for nine months from October 1, 1948.

58. Anti-Defamation League of B'nai B'rith, New York City, $550 in support of research in the field of inter-cultural education in the College of Education, under the supervision of Professor William Van Til.

59. Illinois Crop Improvement Association, Urbana, $500 for a study of the hybrid corn performance tests in the Department of Agronomy.

60. Illinois Farm Supply Company, Chicago, $2,000 for research in the Departments of Dairy Science and Animal Science.

61. Illinois Grain Corporation, Chicago, $2,250 for research and educational programs for the improvement of the operating efficiency and the services of country grain dealers in Illinois.

62. W. K. Kellogg Foundation, Battle Creek, Michigan, $4,882 in support of a health education program in the Division of University Extension, the University Council on Teacher Education, and under the sponsorship of the Superintendent of Public Instruction.

63. Merrill Foundation for the Advancement of Financial Knowledge, Inc., New York, $30,000 to be added to the research project on expectations and business fluctuations, in the College of Commerce and Business Administration (the Foundation has previously given the University $80,000 for this study).

64. Motorola, Incorporated, Chicago, $750 for the renewal of the Galvin Fellowship in Radio and Television Engineering Research for the academic year 1950-1951.

65. National Research Council, Committee for Research in Problems of Sex, Washington, D.C., $1,000 for a study on problems of androgen secretion, in the Department of Animal Science, under the supervision of Professor Andrew V. Nalbandov, for one year beginning July 1, 1948.

66. The Nutrition Foundation, Inc., New York City, $5,000 for research on the role of quinolinic acid in the metabolism of tryptophan and niacin, in the Department of Chemistry, under the supervision of Dr. La Vell M. Henderson, for two years, 1949 and 1950 (payment of $2,500 for 1949 has been received).

67. Tennessee Corporation, College Park, Georgia, $400 in continued support of research on the development of copper fungicides in the Department of Horticulture.

68. Texas Gulf Sulphur Company, New York City, $1,500 for the continuation of research on the mechanism of combustion of sulfur in the Department of Chemistry for the academic year 1949-1950.

69. United States Public Health Service, National Institute of Health:

a. $500 for a study on the mechanism of action of the trophic hormones of the pituitary gland, in the Department of Animal Science, from November 1, 1948, through June 30, 1949 (No. 1819).

b. $1,458 for a study to determine the mechanism of action of gonadotrophic hormones on the ovary, in the Department of Animal Science, under the supervision of Professor Andrew V. Nalbandov, for one year beginning March 1, 1950 (RG-1678).

c. $10,000 for a study on synthesis and maintenance of intracellular enzymes, in the Department of Bacteriology, from September 1, 1949, through June 30, 1950 (No. 1094).

d. $3,900 for isolation and study of the chemical nature of the principle in pyrethrum flowers which causes dermatitis in sensitive persons, in the Department of Chemistry from September 1, 1946, through January 31, 1948 (No. 186).

e. For a study on the origin and interconversions of the nonessential amino acids, in the Department of Chemistry: (1) $16,812 for one year beginning September 1, 1948 (No. 1386); (2) $16,810 for one year beginning September 1, 1949 (No. 1386C).

f. $9,646 for an investigation of the inositol containing lipids of soybeans with particular reference to their separation from soybean phosphatide, in the Department of Chemistry, for one year beginning September 15, 1949 (No. 2031).

g. $7,560 for a study to determine the basic nutrition of virulent insects, in the Department of Entomology, under the supervision of Professor Gottfried S. Fraenkel, for one year from April 1, 1950 (RG-2075).

h. $6,190 for a study to determine the effect of high temperatures on the inactivation of enzymes and on the destruction of micro-organisms and some of the physical-chemical properties of milk and cream, in the Department of Food Technology, under the supervision of Professor Paul H. Tracy, for one year beginning May 1, 1950 (RG-1947).

i. For training in clinical psychology in the Department of Psychology: (1) $11,798 for one year beginning July 1, 1948 (No. C138.2-A); (2) $13,647 from September 1, 1949, through June 30, 1950 (No. C269.2-A).

j. $4,428 for a study on preparation for devices of objective measurements of personality maladjustment, in the Department of Psychology, for one year beginning June 1, 1948 (No. 927—MH-80).

k. $9,413 for a study on refinement of objective measures of personality maladjustment, in the Department of Psychology, for one year beginning June 1, 1949 (MH-80C).

l. $19,892 for a study to indicate empirically promising psychological instruments and designs for screening out persons in need of clinical or hospital care, in the Department of Psychology, under the supervision of Professor Louis L. McQuitty, from April 1, 1950, through June 30, 1951 (MHS-17).

m. $11,398 for training clinical psychologists in the Department of Psychology for one year beginning July 1, 1947 (No. T41.2).

n. For a study on instrumental methods for detecting small amounts of chemical contaminants in water in the State Water Survey: (1) $19,966 from July 1, 1947, through August 31, 1948 (No. 666); (2) $21,168 for one year beginning September 1, 1948 (No. 666C); (3) $17,496 for one year beginning September 1, 1949 (No. 666C-2).

o. $8,986 for a study of the nitrification phase of the biochemical oxygen demand test, in the State Water Survey, for one year beginning September 1, 1949 (No. 2141).

70. VioBin Corporation, Monticello, Illinois, $200 in continued support of the investigation of the value of wheat germ oil in the development of resistance to disease, in the Department of Bacteriology, under the supervision of Professor George I. Wallace.

Total, Funds for Graduate Fellowships, Scholarships, and Research $326 927 23

C. Gifts of Equipment and Works of Art

71. Castleton China, Inc., New York City, a service for twelve in the Laurel pattern china for use in the Home Management House of the Department of Home Economics. Estimated value, $240.

72. Mr. Thomas Dreier, Melvin Village, New Hampshire, a plow with wooden moldboard used prior to 1835, for the collection of the Department of Agricultural Engineering.

73. Hamilton Manufacturing Company, Two Rivers, Wisconsin, a Hamilton Automatic Electric Clothes Dryer #600-E, for the Department of Home Economics. Estimated value, $275.

74. Mr. N. T. Kyle, owner of Carbide Specialty Works, South Milwaukee, Wisconsin, a Sikorsky R4B Helicopter, complete with radio equipment, service tools, spare parts and accessories for the Institute of Aviation.

75. Mr. and Mrs. Earle Ludgin, Chicago, six original etchings by Kurt Seligmann for the Department of Art.

76. Misses Deette and Mary Rolfe, Urbana, Illinois, a Mason and Hamlin piano and certain other pieces of furniture in the house at 601 East John Street, for use of the Speech Clinic.

77. Friends of Director Seward C. Staley, a portrait of Director Staley by Professor J. Denton Hogan of the Department of Art.

Total, Gifts of Equipment and Works of Art ..... $ 515 00

Total, Urbana-Champaign $361 774 98

FOR THE CHICAGO PROFESSIONAL COLLEGES

A. *Funds Received from Private Industry, Foundations, Other Organizations and Government Agencies for Research and Graduate Study*

78. Abbott Research Laboratories, North Chicago, Illinois:

a. $500 for Abbott Anesthesia Research Fund in the College of Medicine, under the supervision of Dr. Max S. Sadove.

b. $2,500 for research on dietary therapy in liver diseases, in the Department of Medicine, under the supervision of Dr. Robert M. Kark, for one year beginning July 1, 1949.

c. $600 for research on value of locally applied antibiotics in the control of post-extraction complications in lower 3rd molar sockets, in the Department of Bacteriology, College of Medicine, under the supervision of Doctors Milan V. Novak and Adrian R. Olech.

79. American Hospital Supply Corporation, $1,333.34; the Burdick Corporation, $1,333.33; Scientific Equipment and Manufacturing Company, $1,333.34 for continued research on value of ultra violet irradiation of blood and plasma, in the Department of Bacteriology, College of Medicine, for one year beginning November 1, 1949.

80. Amurol Products Company, Chicago, $4,250 for research on physical, chemical, and bacterial study of the dental plaque, in the Department of Applied Materia Medica and Therapeutics, College of Dentistry, under the supervision of Dr. Edward C. Wach, for one year beginning March 1, 1950.

81. Bristol Laboratories, Syracuse, New York, $2,500 for a fellowship for research on bacterial metabolism, in the Department of Biological Chemistry, College of Medicine, under the supervision of Dr. Stephen S. Binkley.

82. Hoffman-LaRoche, Inc., Nutley, New York:

a. $250 for studies on the effectiveness of a chemical as an antidote for curare, in the Department of Pharmacology, College of Medicine, under the supervision of Dr. Klaus Unna.

b. $1,830 for research on the effect of Nu-2206 on kidney function with particular reference to the excretion of water (Roche Renal Pharmacology), in the Department of Pharmacology, College of Medicine, under the supervision of Doctors Carl C. Pfeiffer and Jules H. Last, for three months beginning January 1, 1950.

83. Eli Lilly and Company, Indianapolis, Indiana, $3,000 for research on polymeric chemicals as drugs, in the Department of Pharmacology, College of Medicine, under the supervision of Dr. Carl C. Pfeiffer, for one year beginning January 1, 1950.

84. Mallinckrodt Chemical Works, St. Louis, Missouri, $4,000 for research on pharmacological investigation of alkyl carbonates, in the Department of Pharmacology, College of Medicine, under the supervision of Dr. Carl C. Pfeiffer, for one year beginning January 1, 1949.

85. Meade Johnson and Company, Evansville, Indiana, $7,000 for a two-year fellowship on research in biochemistry in the Department of Pediatrics, College of Medicine, under the supervision of Dr. Henry G. Poncher.

86. Smith, Kline, and French Laboratories, Philadelphia, Pennsylvania, $2,000 for continuation of research on effect of amines in experimental renal and other

experimental hypertensions, in the Department of Physiology, College of Medicine, under the supervision of Dr. George E. Wakerlin, for one year beginning October 1, 1949.

87. *Sun Times*, Chicago, $1,000 for research on ACTH or Cortisone, Sun-Times Arthritis Research, in the Department of Medicine, under the supervision of Doctors Irving E. Steck, Carlos I. Reed, and Max M. Montgomery.

88. Swift and Company, Chicago, $1,000 to supplement Swift Amino Acid Fund in the Department of Surgery, College of Medicine, under the supervision of Dr. Warren H. Cole, beginning January 1, 1950.

89. E. R. Squibb and Sons, New York City, $4,833.33 to supplement grant of $4,000 for the year ending April 30, 1950, on investigation of striated muscle relaxants, in the Department of Pharmacology, College of Medicine, under the supervision of Dr. Klaus Unna.

90. Upjohn Company, Kalamazoo, Michigan, $1,000 in continued support of Upjohn Company — Gelatin Sponge in Surgery, in the Department of Surgery, College of Medicine, under the supervision of Dr. Hilger P. Jenkins.

91. Wander Company, Chicago, $2,000, and Programs Unlimited, Inc., $100, for continuation of research on nutrition and digestion, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy.

92. W. K. Kellogg Foundation, Battle Creek, Michigan, $40,000 in support of the further development of certain experimental phases of the program of postgraduate education in the College of Dentistry for three years beginning January 1, 1950 (the grant is payable in installments of $10,000, $15,000, and $15,000; the first payment of $10,000 has been received).

93. LaRabida Jackson Park Sanitarium, Chicago, $1,780 for research on biochemical studies in the collagen diseases, in the Department of Pediatrics, College of Medicine, under the supervision of Dr. Henry G. Poncher.

94. The John and Mary R. Markle Foundation, New York City, $8,000 for continuation of research on treatment and prophylaxis of experimental hypertension, in the Department of Physiology, College of Medicine, under the supervision of Dr. George E. Wakerlin, for two years beginning September 1, 1948.

95. The Rockefeller Foundation, New York City, $115,000 for research on the biochemical aspects of schizophrenia, in the Department of Psychiatry, College of Medicine, under the supervision of Dr. Francis J. Gerty (this program was set up five years ago, and the funds have been contributed in installments as needed).

96. American Cancer Society, Inc., New York:

a. $544.36 additional for the construction of the Illinois Division Cancer Exhibit at the Museum of Science and Industry by the College of Medicine.

b. $14,120.32 for continuation of cytochemical studies of relations between nucleus and cytoplasm, in the Department of Pathology, College of Medicine, under the supervision of Dr. Isidore Gersh, for one year beginning July 1, 1948 (C-5A).

97. American Red Cross (National Office), Washington, D.C., $5,000 for continuation of research on resuscitation, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy.

98. Baruch Committee on Physical Medicine, Chicago, $3,000 for the Baruch Committee Fellowship Fund in the Department of Physical Medicine, College of Medicine, under the supervision of Dr. Gregory Bard, for one year beginning November 1, 1949.

99. Chicago Heart Association, Chicago, $1,000 for research on vascular surgery, in the Department of Surgery, College of Medicine, under the supervision of Dr. Géza DeTakatas.

100. Junior League of Chicago, Inc., Chicago, $13,000 in continued support of the Consultation Clinic for Epilepsy in the Research and Educational Hospitals, under the supervision of Dr. Frederick A. Gibbs, for one year beginning June 15, 1949.

101. William Allen Pusey Fund, $1,200 for the Dermatological Library for 1949.

102. Women's Auxiliary, Chicago Professional Colleges, $110 (three payments of $50, $30, and $30) for the Occupational Therapy Gift Fund in the Orthopaedic Unit.

103. United States Public Health Service:

a. $16,603 for training in clinical psychology in the Department of Psychiatry, College of Medicine, under the supervision of Dr. David Shakow, for one year beginning July 1, 1949 (C-269—2-B).

b. $10,368 for continuation of the study of odontomes (tumor) formation in a known strain of rats, in the Department of Histology, College of Dentistry,

under the supervision of Dr. Isaac Schour, for one year beginning October 1, 1949 (C-464—C-2).

c. $5,000 for research on coordination of cancer instruction, in the Department of Histology, College of Dentistry, under the supervision of Dr. Isaac Schour, for one year beginning April 1, 1949 (C-663—C).

d. $3,870 for research on study of the chemical and mechanical factors which may alter the normal growth pattern of the gastric mucosa, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy, for one year beginning November 1, 1949 (C-1110).

e. $5,924.42 in continued support of the application of visual methods to the teaching of gynecic cancer, in the Department of Obstetrics, College of Medicine, under the supervision of Dr. Frederick H. Falls, for one year beginning March 11, 1949 (CS-631—C).

f. $14,493.27 for continuation of improved and extended undergraduate and postgraduate teaching and research in cancer in the Department of Surgery, College of Medicine, under the supervision of Dr. Danely P. Slaughter, for one year beginning April 1, 1950 (CT-630—C).

g. $12,032.76 for continuation of research on gingival disease, in the Department of Histology, College of Dentistry, under the supervision of Dr. Isaac Schour, for one year beginning November 1, 1949 (D-11—C-3).

h. $11,016 for research on histopathology of the gingiva in systematic disease, in the Department of Histology, College of Dentistry, under the supervision of Dr. Isaac Schour, for one year beginning July 1, 1949 (D-15—C-2).

i. $5,499.25 for continuation of research on alterations in peripheral vessel morphology and physiology after X-radiation, in the Department of Physiology, College of Medicine, under the supervision of Dr. E. Elizabeth Painter, for one year beginning October 1, 1949 (continuation of RG-1348) (H-135—C).

j. $8,964 for research on arteriosclerosis in guinea pigs on high protein diet, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy, for one year beginning September 16, 1949 (H-187).

k. $5,999 for research on determination of cardiac output in the human by a capacitance method, in the Department of Physiology, College of Medicine, under the supervision of Dr. William V. Whitehorn, for one year beginning September 16, 1949 (H-205).

l. $8,640 for research on role of steroids in edema, in the Department of Medicine, College of Medicine, under the supervision of Dr. Robert W. Keeton, for one year beginning September 16, 1949 (H-400).

m. $12,000 for research on relations of cardiac work, efficiency, and coronary flow; relation of cardiac output and serum osmotic pressure to sodium and water excretion, in the Department of Medicine at Rush Presbyterian Hospital, under the supervision of Dr. James A. Campbell, for one year beginning September 16, 1949 (H-404).

n. $9,936 for research on chemotherapy of rheumatic fever, in the Department of Pharmacology, College of Medicine, under the supervision of Dr. Carl C. Pfeiffer, for one year beginning September 16, 1949 (H-409).

o. $8,000 for research on sensitization mechanism in rheumatic fever, in the Department of Pediatrics, College of Medicine, under the supervision of Dr. Henry G. Poncher, for one year beginning September 16, 1949 (H-411).

p. $10,000 for research on arteriosclerosis and hypertension, in the Department of Physiology, College of Medicine, under the supervision of Dr. George E. Wakerlin, for one year beginning September 16, 1949 (H-423).

q. $9,909 for research on vascular permeability as affected by changes in blood O_2 and CO_2 tensions, in the Department of Physiology, College of Medicine, under the supervision of Dr. Alfred A. Schiller, for one year beginning September 16, 1949 (H-425).

r. $10,000 for research on hypertension and elevation of temperature, in the Department of Physical Medicine and Rehabilitation, College of Medicine, under the supervision of Dr. H. Worley Kendell, for one year beginning September 16, 1949 (H-426).

s. $20,000 for research on pathogenesis and treatment of experimental renal hypertension, neurogenic hypertension, and experimental malignant hypertension, in the Department of Physiology, College of Medicine, under the supervision of Dr. George E. Wakerlin, for one year beginning September 16, 1949 (H-428).

t. $8,000 for research on isolation and characterization of cardiac myofibrila, in the Department of Pathology at Rush Presbyterian Hospital, under the supervision of Dr. George M. Hass, for one year beginning September 16, 1949 (H-429).

u. $4,200 for research on anatomy and pathology of the auriculoventricular musculature of the human heart, in the Department of Pathology, College of Medicine, under the supervision of Dr. Maurice Lev, for one year beginning September 16, 1949 (H-430).

v. $3,650 for research on attempt to produce right or left ventricular failure in dogs, in the Department of Pathology at Rush Presbyterian Hospital, under the supervision of Dr. George M. Hass, for one year beginning September 16, 1949 (H-432).

w. $5,000 for research on blood pressure and peripheral, in the Aeromedical and Physical Environment Laboratory, under the supervision of Dr. John P. Marbarger, for one year beginning September 16, 1949 (H-434).

x. $7,500 for research on experimental arteriosclerosis and atherosclerosis in young and old rabbits, in the Department of Pathology at Rush Presbyterian Hospital, under the supervision of Dr. George M. Hass, for one year beginning September 16, 1949 (H-452).

y. $4,000 for research on influence on environmental factors on capillary circulation in normal and diseased subjects (animals and man), in the Department of Pathology, College of Medicine, under the supervision of Dr. Alexander J. Nedzel, for one year beginning September 16, 1949 (H-453).

z. $14,000 for cardiovascular training in the Department of Surgery, College of Medicine, under the supervision of Dr. Warren H. Cole, for one year beginning September 1, 1949 (HT-300R).

aa. $14,184.65 for training in clinical psychology in the Department of Psychiatry, College of Medicine, under the supervision of Dr. David Shakow, for one year beginning July 1, 1948 (MH-362).

bb. $6,492.87 for continuation of the study of cardiac output and total peripheral resistance to flow under various physiological and pathophysiological conditions, in the Department of Physiology, College of Medicine, under the supervision of Dr. William V. Whitehorn, for one year beginning January 1, 1949 (RG-170—C-2).

cc. $6,171.23 for continuation of research on neurophysiological basis of epilepsy, in the Department of Psychiatry, College of Medicine, under the supervision of Dr. Frederic A. Gibbs, for one year beginning June 1, 1949 (RG-865—C).

dd. $2,700 for continuation of research on facial growth after removal of mandibular condyle, in the Department of Oral and Maxillofacial Surgery, College of Dentistry, under the supervision of Dr. Bernard G. Sarnat, for the period ending June 30, 1950 (RG-1091).

ee. $3,306 for research on effect of vagotomy and subtotal gastrectomy on the Mann-Williamson ulcer in the dog, in the Department of Surgery, College of Medicine, for one year beginning September 16, 1949 (RG-1639).

ff. $8,000 for research on circulation — blood flow in vessels and tissues, in the Department of Psychiatry, College of Medicine.

104. United States Public Health Service, National Cancer Institute, $11,880 for continuation of research on cause of gastric cancer, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy, for one year beginning April 1, 1949 (C-317—C-2R).

105. United States Public Health Service, National Institute of Health:

a. $5,939.24 for continuation of research on the isolation of cholecystokinin, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy, for one year beginning July 1, 1949 (RG-518—C-2).

b. $5,425.23 for continuation of research on an investigation of the physiological effects of the influenza virus on the host, in the Department of Bacteriology, College of Medicine, under the supervision of Dr. John E. Kempf, for one year beginning July 1, 1949 (RG-1248—C).

c. $4,339.50 for continuation of peptic ulcer studies: a search for a synthetic antagonist of histamine on gastric secretion, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Morton I. Grossman, for one year beginning July 1, 1949 (RG-1613—C).

Total, Funds from Private Industry, Foundations, Other Organizations and Government Agencies for Research and Graduate Study $548 161 43

B. Funds Received from Individuals

106. Anonymous:

a. $500 to be added to the Anonymous Gift Fund for the Christmas fund for patients in the Illinois Neuropsychiatric Institute.

b. $25 to be added to the Orthopaedic Surgery Gift Fund for Children.

c. $100 for such needs as the budget in the Department of Pediatrics, College of Medicine, would not provide for.

d. $600 for investigations in renal research by the Departments of Pharmacology and Medicine.

e. $100 to be added to the Anonymous Psychiatry Gift Fund for departmental research.

f. $10,000 for research on Psychiatric Disorders of Children in the Department of Psychiatry, College of Medicine, under the supervision of Dr. Francis J. Gerty.

107. Mr. Walter R. Barker, $1,000 for research on Chemical Basis of Epilepsy in the Department of Psychiatry, College of Medicine, under the supervision of Dr. Frederic A. Gibbs.

108. Dr. Fremont A. Chandler, Professor and Head of the Department of Orthopaedic Surgery, and associates, $450 for the Orthopaedic Surgery-Travel Alumni, a travel fund for residents in Orthopaedic Surgery.

109. Mrs. Margaret Pope Hovey, $100 for medical editorial services in the Department of Physical Medicine and Rehabilitation, under the supervision of Dr. H. Worley Kendell.

110. Dr. Louis R. Krasno, Chicago, $1,000, and another donor, $150, to be added to the L. R. Krasno Grant in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy.

111. Dr. Francis L. Lederer of the College of Medicine, $25 to be added to Miscellaneous Otolaryngology Fund — Lederer for research in the Department of Otolaryngology, College of Medicine.

112. Dr. Felix P. Mooney, Chicago, $100 to be added to the Patrick and Bertha Mooney Memorial Fund for assistance of worthy students, under the direction of the Dean of the College of Medicine.

113. Mr. John W. Ruettinger, Chicago:

a. $10,000 for the Pauline E. Ruettinger Memorial Fund for research in arteriosclerosis, in the Department of Pathology, under the supervision of Dr. Granville A. Bennett and the work to be conducted by Dr. Maurice Lev (the grant is for a three-year period, one-third payable each year; the first payment of $3,000 has been received).

b. $1,000 to continue the Phyllis Pierce Ruettinger Memorial Fellowship for research in nephritis, in the Department of Pathology, College of Medicine, under the supervision of Dr. Granville A. Bennett.

114. Mr. Victor S. Yarros, La Jolla, California, $300 to be added to the Rachelle S. Yarros Scholarship Fund in the College of Medicine.

Total, Funds Received from Individuals $25 450

C. Gifts of Equipment or of Funds for the Same

115. Anonymous, $25 to be added to the Pediatric Gift Fund and used to provide motion pictures for hospitalized patients in the Department of Pediatrics, College of Medicine.

116. Asthmatic Children's Aid, Chicago, $275 to be applied toward the cost of a Collins Respirometer for the Allergy Clinic.

117. Women's Rotary Club of Chicago:

a. $525 to be added to Orthopaedic Gift Fund for Children for six chrome wheel chairs in the Department of Orthopaedic Surgery, College of Medicine.

b. $600 to be added to Orthopaedic Gift Fund for Children for wheel stretchers in the Department of Orthopaedic Surgery, College of Medicine, under the supervision of Dr. Fremont A. Chandler.

Total, Gifts of Equipment or of Funds for the Same ..... $ 1 425 00

Total, Chicago Professional Colleges $575 036 43

Grand Total $936 811 41

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

June 22, 1950

The June meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, at the University, in Urbana, on Thursday, June 22, 1950, beginning at 11 o'clock a.m., Central Daylight Saving Time.

When the Board convened in open session, the following members and officers were present: President Williamson, Mr. Fornof, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins.

President Stoddard was present; also Provost C. R. Griffith, Dr. A. C. Ivy, Vice-President in charge of the Chicago Professional Colleges, Mr. A. J. Janata, Assistant to the President, Mr. H. E. Cunningham, Secretary, Mr. Lloyd Morey, Comptroller, Dean L. N. Ridenour, of the Graduate College, Dean H. R. Bowen, of the College of Commerce and Business Administration, and other members of the administrative and teaching staff.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of April 19, 1950.

On motion of Dr. Meyer, the minutes were approved as printed on pages 1067 to 1120 above.

MATTERS PRESENTED BY PRESIDENT STODDARD

The Board considered the following matters presented by the President of the University.

CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

ALBERT JOHN ALLEN (N.C.)
GEORGE EDWARD DELL (Mo.)
HARRY BENFORD FRY (Mass.)
JULIUS JOEL GOTLIEB (Calif.)
HARRISON HENRY HALBE (Mo.)
THOMAS CLARENCE HILLIARD (Ohio)
HAROLD SCOTLAND HINDS (N.C.)
SEYMOUR KRAUS (Calif.)
HARLEY BOB OLIVER (Okla.)
STANLEY RAYMOND PRICE (Ind.)
DAVID SELMER VINE (Calif.)

I concur.

On motion of Mr. Nickell, these certificates were awarded as recommended.

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(2) The faculty Committee on Accountancy recommends the appointment of Mr Richard H. Grosse, of the firm of Haskins and Sells, 111 Monroe Street, Chicago 3, Illinois, as a member of the Board of Examiners in Accountancy for three years from July 1, 1950, to succeed Mr. Cyril Talbot whose term expires June 30.

I concur in this recommendation.

On motion of Dr. Meyer, this appointment was made as recommended.

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS ADVISORY COMMITTEE

(3) The plan for the administrative organization of the Institute of Labor and Industrial Relations provides for an Advisory Committee composed of representatives in equal number of labor, management, and the public, due regard being given to including both urban and rural interests. In 1949, appointments in each group were made for terms of one, two, and three years respectively; appointments thereafter are to be for three years.

The Director of the Institute has recommended and I have approved the following appointments and reappointments beginning July 1, 1950:

Public

CHARLES SHUMAN, President, Illinois Agricultural Association, 43 East Ohio Street, Chicago; reappointed for three years.

FRED L. WHAM, Judge, United States District Court, Eastern District of Illinois, 611 East Third Street, Centralia, Illinois; reappointed for three years.

WILLIAM WIRTZ, Professor of Law, Northwestern University, Winnetka, Illinois; appointed for two years.

MRS. BERNICE T. VAN DER VRIES, member of the House of Representatives, Sixty-sixth General Assembly of Illinois, 439 Maple Avenue, Winnetka, Illinois; appointed in 1949 for three years.

JOHN E. CASSIDY, Attorney, member of the firm of Cassidy, Sloan, and Crutcher, Peoria; appointed in 1949 for two years.

Labor

JOSEPH GERMANO, President, Illinois State Industrial Union Council (C.I.O.), 205 West Wacker Drive, Chicago 6; Director of District 31 of the United Steel Workers of America; reappointed for three years.

THOMAS J. HAGGERTY, Secretary-Treasurer, Chicago Milk Wagon Drivers' Union, Local 753, International Brotherhood of Teamsters, American Federation of Labor, 220 South Ashland Boulevard, Chicago; reappointed for three years.

SAMUEL LEVIN, Vice-President, Amalgamated Clothing Workers' Union, 5005 Drexel Boulevard, Chicago; appointed in 1949 for three years.

R. G. SODERSTROM, President, Illinois State Federation of Labor, Springfield, Illinois; appointed in 1949 for three years.

CLINTON BUSH, State Legislative Chairman, Brotherhood of Locomotive Firemen and Enginemen, 105 East 70th Street, Chicago 37; appointed in 1949 for two years.

Management

WAYNE A. JOHNSTON, President, Illinois Central Railroad, Chicago; reappointed for three years.

COLONEL JOHN SLEZAK, President, Turner Brass Works, Sycamore, Illinois; appointed for three years.

HENRY H. BOLZ, Secretary, Association of Commerce, Decatur; appointed in 1949 for three years.

OLIVER E. MOUNT, Vice-President, American Steel Foundries, 410 North Michigan Avenue, Chicago; appointed in 1949 for three years.

G. W. HOELSCHER, General Manager, East Side Manufacturers' Association, Granite City, Illinois; appointed in 1949 for two years.

All of these people have agreed to serve.

On motion of Mr. McLaughlin, these appointments were made as recommended.

APPOINTMENTS TO THE FACULTY MADE BY THE PRESIDENT OF THE UNIVERSITY

(4) The Secretary reported that the President has approved the following new appointments to the faculty of the rank of Assistant Professor and above since the previous meeting of the Board of Trustees:

1. G. F. ANDERSON, Assistant Professor of Education, beginning June 12, 1950, at an annual salary of $5,500.

2. COLIN R. BLYTH, Assistant Professor of Mathematics, beginning September 1, 1950, at an annual salary of $4,500.

3. RICHARD J. FALETTI, Assistant Professor of Law, beginning September 1, 1950, at an annual salary of $5,500.

4. QUINCY HOWE, Visiting Associate Professor of Journalism and Communications, beginning September 1, 1950, at an annual salary of $7,500.

5. PAUL M. MARCUS, Research Assistant Professor of Physics, beginning November 1, 1950, at an annual salary of $5,400.

6. JOHN W. MARX, Assistant Professor of Physical Metallurgy, beginning September 1, 1950, at an annual salary of $4,900.

7. EDWARD F. MOORE, Assistant Professor of Mathematics (Graduate College), beginning September 1, 1950, at an annual salary of $4,200.

8. MERLE M. OHLSEN, Associate Professor of Education, and Head of Student Teaching, beginning September 1, 1950, at an annual salary of $7,500.

9. ALBERT WATTENBERG, Assistant Professor of Physics, beginning September 1, 1950, at an annual salary of $7,000.

10. CHARLES A. WERT, Research Associate Professor of Physical Metallurgy, beginning September 1, 1950, at an annual salary of $5,500.

On motion of Dr. Meyer, these appointments were confirmed.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE WITH HONORS IN THE LIBRARY SCHOOL

(5) The University Senate recommends the following requirements be established to designate graduation honors for the degree of Bachelor of Science in the Library School:

Honors: Average of 4.0 in all courses used for graduation, and no grade below B in any Library Science course.

High Honors: Average of 4.5 in all courses used for graduation, with no grade below B and with grades of A in at least one-half of the courses in Library Science.

Highest Honors: Average of 4.5 in all courses used for graduation, with grades of A in all courses in Library Science.

I concur.

On motion of Mr. Nickell, these requirements were established as recommended.

GRADUATE CURRICULA IN THE COLLEGE OF LAW

(6) The University Senate recommends the establishment of the following graduate programs in the College of Law.

Curriculum Leading to the Degree of Master of Laws (LL.M.)

I. Requirements for Admission:

1. The applicant must have received the first professional degree in law from a law school which has graduation requirements substantially the same as the University of Illinois College of Law.

2. The applicant must present evidence of ability to do satisfactory work at the graduate level. Normally no student will be admitted as a candidate for this degree unless he has a weighted grade average of 3.5 in all law-school work undertaken.

II. Requirements for the Degree:

1. One academic year in residence in the College of Law.

2. A course program approved by the Graduate Committee of the College of Law.

   (a) The course program shall consist of eight units of work including at least two units of research.

   (b) A grade average of 3.5.

3. A satisfactory thesis.

Curriculum Leading to the Degree of Doctor of the Science of Law (J.S.D.)

I. Requirements for Admission:

1. The applicant must have received the first professional degree in law from a law school which has graduation requirements substantially the same as the University of Illinois College of Law.

2. The applicant must present evidence of ability to do satisfactory work at the graduate level. Normally no student will be admitted as a candidate for this degree unless he has a weighted grade average of 4.0 in all law-school work undertaken.

3. The applicant must also present evidence that he has the capacity for independent research. Ordinarily this requirement may be met by the submission of satisfactory legal writing done while the applicant was a candidate for the LL.B. degree, or subsequent to the receipt of the degree.

II. Requirements for the Degree:

1. One academic year in residence in the College of Law.

2. A course program approved by the Graduate Committee of the College of Law.

   (a) The course program shall consist of eight units of work including at least four units of research.

   (b) A grade average of 4.0.

3. A satisfactory thesis, which shall be submitted not less than one year nor more than five years after the completion of the residence requirements.

4. A final oral examination.

If these programs are approved, the College of Law and the University Senate recommend that the present degree of Doctor of Law (J.D.) be discontinued. As presently administered this is not a graduate degree and it should be discontinued to avoid confusion with the degree of J.S.D.

I concur in these recommendations.

On motion of Mr. Fornof, these recommendations were adopted.

CHANGES IN ELECTRICAL ENGINEERING CURRICULUM

(7) The University Senate recommends the following changes in the undergraduate curriculum in Electrical Engineering.

Power Engineering Option: Discontinue Mechanical Engineering 182, Shop, and Mechanical Engineering 204, Mechanical Engineering Laboratory. Add Economics 108, Elements of Economics, and Economics 248, Personnel Administration. Add Electrical Engineering 347, Industrial Electronics, and Electrical Engineering 378, Power Transmission; these areas are not included in the present curriculum.

Communication Engineering Option: Discontinue Mechanical Engineering 182, Shop. Add Economics 108, Elements of Economics, and Economics 248, Personnel Administration.

Illumination Engineering Option: Discontinue Mechanical Engineering, Shop. Add Economics 108, Elements of Economics.

Changes in the Electrical Engineering courses are mostly rearrangement, renumbering, and new descriptions for existing course material.

I concur.

On motion of Mr. Hickman, these changes were approved as recommended.

REVISION OF CURRICULUM IN PHARMACY

(8) The University Senate recommends a complete revision of the four-year undergraduate curriculum leading to the degree of Bachelor of Science iu Pharmacy. The changes were recommended by the faculty of the College of Pharmacy and follow the lines of recommendations of the National Curriculum Committee appointed by Dr. Edward C. Elliott (formerly President of Purdue University) who has been Director of the Pharmaceutical Survey of the American Association for Pharmaceutical Education.

Because of the development of new therapeutic agents, it is desirable to modernize several of the courses in the basic sciences. The other changes represent the addition of courses in the social sciences and business administration which it is felt are desirable in the development of the pharmacist as a citizen. The faculty of the Chicago Undergraduate Division at Navy Pier will help develop these courses.

All students will be required to complete the basic course of 189 credit hours and will be permitted to choose the remainder of the 202 credit hours required for graduation from electives (see Appendix, page 1250).

I concur in these recommendations.

On motion of Mr. McLaughlin, this curriculum was approved as revised.

UNDERGRADUATE AND GRADUATE PROGRAMS IN FOOD TECHNOLOGY

(9) The University Senate recommends establishment of the following undergraduate and graduate programs in food technology (see Appendix, page 1252).

The Graduate program has also been approved by the Executive Faculty of the Graduate College.

I concur in these recommendations.

On motion of Mrs. Watkins, these programs were approved as recommended.

GRADUATE PROGRAM IN EDUCATION

(10) The University Senate recommends the establishment of the following program leading to the degree of Master of Education and to the Advanced Certificate in Education (see Appendix, page 1254).

These proposals have also been approved by the Executive Faculty of the Graduate College.

I concur.

The Provost commented on this program.

On motion of Mr. Nickell, this program was approved as recommended.

GRADUATE PROGRAM IN STATISTICS

(11) The University Senate recommends the establishment of a graduate program in statistics leading to the degree of Doctor of Philosophy. During the past fifty years there has been a tremendous growth of statistical ideas and methods, and progress is continuing at a rapid rate. Gains made both in the theory and practice of statistics have been of the utmost importance in many fields. With these developments has come the need for training people who can make contributions to both the theory and practice of statistical inference from quantitative data. The proposed doctoral program in statistics is intended to recognize these needs and to serve as a means of preparing people to fill them.

It is contemplated that those who wish to concentrate on research in the theory of statistics will continue to take a doctorate in mathematics with emphasis on analysis, statistics being a second major or a strong minor. Similarly, those who wish to concentrate on statistical research in another field — such as agronomy, economics, or psychology — will continue to take a doctorate in that field with a major or minor in statistics as required by the department in question.

The doctorate in statistics here outlined is intended for students who wish to concentrate on research in statistical methods. It provides those having a major interest in statistical theory with training for practice in one or more fields of application. It offers those having major interest in a subject matter the necessary background in statistical theory (see Appendix, page 1255).

This proposal has also been approved by the Executive Faculty of the Graduate College.

I concur.

Dean Ridenour commented on this program.

On motion of Dr. Meyer, this program was approved as recommended.

GRADUATE PROGRAM IN BUSINESS

(12) The University Senate recommends the establishment of a graduate program leading to the degree of Doctor of Philosophy in Business. The purpose of this program is to prepare graduate students for positions in teaching and research in institutions of higher education; and for consulting and administrative work in both private business and public service (see Appendix, page 1256).

This program has also been approved by the Executive Faculty of the Graduate College.

I concur.

Dean Bowen and Dean Ridenour commented on this program.

On motion of Mr. McLaughlin, this program was adopted as recommended.

RELEASE OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

(13) The Governor has approved the following releases of funds from appropriations made to the University of Illinois for 1949-1951 for buildings and other capital improvements:

Release No. 28

"For Permanent Improvements at Chicago Construction of Utility Distribution System and Remodeling of Existing Buildings"..... $ 16 187
This is a partial release from an appropriation of $190,000. The funds now released are for completion of the installation of new electrical feeders to the Illinois Surgical Institute and other areas including the Research Laboratories and Library units of the Medical and Dental College Laboratories Building in Chicago.

Release No. 29

"For Permanent Improvements at Urbana-Champaign For Land — acquisition of land for the extension of the campus"..... 190 000
This is the total release of an appropriation of $190,000.

Release No. 30

"For Permanent Improvements at Urbana-Champaign Additions to Power and Heating Plant and Remodeling of Existing Buildings".. 334 000
This is a partial release from an appropriation of $1,215,000. The funds now released are for (1) furnishing and installing electrical equipment as part of the addition to the Power Plant ($64,400), (2) fire protection improvements in the Natural History Building ($62,500), and (3) remodeling of Physical Plant Service Building ($207,500).

Release No. 31

"For Contingencies to Cover Expenditures for Purposes for which the Amount Appropriated in any Item Above Enumerated is, or becomes Insufficient"..... 23 000
This is a partial release from an appropriation of $550,000. The funds now released are for the acquisition and installation of chemistry building equipment, supplementing Releases Nos. 1 and 2 of August 3, 1949.

I recommend that the funds released be appropriated for the purposes specified.

On motion of Mr. Livingston, these funds were appropriated as recommended, by the following vote: Aye, Mr. Fornof, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stevenson.

SPECIAL APPRORIATIONS FOR NONRECURRING EXPENDITURES

(14) The Committee on Nonrecurring Appropriations recommends assignments from the General Reserve Fund for the following purposes:

1. Department of Agronomy, equipment	$20 000
2. Department of Agronomy, installation of fume hood in Davenport Hall.	2 000
3. Agronomy Greenhouse remodeling	2 500
4. Department of Animal Science, installation of sanitary facilities in Sheep Barn	3 600
5. Psychological Clinic, remodeling and extension of utilities in new quarters (1005 W. Nevada, Urbana)	15 000
Total	$43 100

I concur.

These proposed improvements have been carefully studied by the Committee on Nonrecurring Appropriations. Its reports giving details of the reasons for these improvements are submitted herewith.

On motion of Mrs. Holt, these appropriations were made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stevenson.

REMODELING IN THE ARMORY FOR ARMED SERVICES

(15) Since the Department of Naval Science has been in the Armory there has been insufficient office and classroom space. At present the administrative staff, accounting and supply section, and instructors are restricted to three offices (Rooms 239, 240, 241), and storeroom (Room 237) for books, uniforms, stationery, and office supplies.

Five instructors are now in one office. This arrangement is not conducive to efficient working conditions. Instructors are required to perform the greater part of their classroom preparation at home. A noisy and crowded office discourages students from discussing naval or scholastic problems with their instructors.

To relieve this crowded situation, the Physical Plant Department has pre-

pared a remodeling plan which will provide four new offices (three for Military Science and one for Naval Science) and one additional classroom, will improve security (for storeroom space), will eliminate corridor noise outside of three classrooms, and will provide better quarters for the carpenter shop used for construction of training aids. The estimated cost of this remodeling is $12,000.

The Provost and Comptroller have reviewed the plans for this project and recommend approval. A special appropriation will be required.

I concur and recommend an appropriation of $12,000 for this project.

On motion of Mrs. Watkins, this appropriation was made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stevenson.

FENCING FOR NEW AGRICULTURAL FARMS

(16) Improved fencing is required on farms recently acquired for agricultural purposes and on one of the outlying experiment farms: McCullough Farm, 160 acres; Sullivan Farm, 80 acres; Newton Agricultural Experiment Farm, 50 acres.

Present fencing is either inadequate or does not exist around areas where new plantings will be made or where land will be rehabilitated or used for grazing.

A committee of the College of Agriculture studied the needs and submitted a detailed report recommending amounts and types of materials to be used. The Dean of the College of Agriculture has requested an appropriation of $6,600 for this purpose. The Provost and the Comptroller have reviewed the report and concur in the recommendation.

I concur and recommend a special appropriation be made from the General Reserve Fund.

On motion of Dr. Meyer, this appropriation was made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stevenson.

CONTRACT FOR CONSTRUCTION OF HOUSE ON NORTHERN ILLINOIS EXPERIMENTAL FIELD

(17) An area of eighty acres on one of the Wright Farms in DeKalb County was assigned for use as an agricultural experimental field to replace a field formerly leased by the University, and is now known as the Northern Illinois Agricultural Experimental Field of the Agricultural Experiment Station. Donors have made grants of funds to the University for improvements of the field. The main service building and drives have been completed and electric power has been brought into the field. There remains in the trust fund for these improvements a balance of approximately $14,000.

Bids have been taken on the construction of a dwelling for the resident technical man in charge of the field. The Director of the Agricultural Experiment Station and the Comptroller recommend the award of a contract for $11,700 to Watts and Merriman of Shabbona, Illinois, the lowest bidder, for the construction of this house. The contract does not include the septic tank, water heater, lighting fixtures, and certain other accessories which will be installed by others. The estimated cost of these additional installations is approximately $1,000.

The lowest bidder is a small and comparatively new company. The bid is not clearly defined as to some items. In case it is found the bid is inadequate according to specifications, or if this company is unable to submit a satisfactory performance bond, the Director and the Comptroller recommend that the contract be awarded to the next lower bidder, Guldbeck and Ekstrom, DeKalb, whose bid is $12,375.

I concur in these recommendations.

On motion of Mr. Fornof, the award of this contract was authorized, under the terms and conditions stated.

CONTRACT FOR REMODELING AND EQUIPMENT FOR DEPARTMENT OF PATHOLOGY, COLLEGE OF MEDICINE

(18) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for $5,197 to C. W. Haynes Company, Chicago, Illinois, the lowest bidder, for remodeling of rooms 467, 467-A, and 466-B, and the installation of plumbing, ventilating, and departmental equipment in the Medical and Dental College Laboratories Building.

Funds are available.

I concur and recommend that the Comptroller and Secretary of the Board be authorized to execute this contract.

On motion of Dr. Meyer, authority was given as recommended.

STEAM SERVICE TO DEPARTMENT OF PUBLIC HEALTH

(19) The Sixty-Fifth and Sixty-Sixth General Assemblies of Illinois appropriated funds to the Department of Public Health for the construction of a Tuberculosis Hospital in Cook County. This appropriation act includes a provision "that if arrangements are made for the construction of a central heating plant, to serve the said hospital building and other buildings in the Medical Center at a saving in heating costs to the State, the sum of $280,000, or so much thereof as may be necessary, of the said sum of $4,850,000, may be deducted from the construction cost of said hospital and used as part of the cost of constructing the said central heating plant."

The central heating plant to be constructed by the Medical Center Steam Company qualifies under this provision for the allotment of $280,000. Since the University has contracted to take the entire output of the Medical Center Steam Company and has the right to furnish steam to other institutions, the Department of Public Health applied the $280,000 of its appropriation toward the cost of the construction of the Medical Center Steam Company plant. The Medical Center Steam Company acknowledged receipt of the $280,000 by executing a note for $280,000, payable to the Board of Trustees of the University of Illinois. This is a non-interest bearing note, maturing on December 31, 1981, but payable at the option of the Medical Center Steam Company in whole or in part at any time prior to date of maturity. Steam will be furnished to the Tuberculosis Hospital at a rate based on cost of production.

This is submitted for record.

This report was received for record.

TRANSPORT SERVICE AT UNIVERSITY AIRPORT

(20) Parks Air Lines of East St. Louis, Illinois, has offered, subject to all necessary approvals of authorities, to initiate regular air transport service to and from the University of Illinois Airport, beginning on or about June 18, 1950.

On recommendation of the Director of the Institute of Aviation, and with the approval of the Provost, the following temporary arrangement has been approved by the Comptroller and the Legal Counsel's office.

1. University to provide landing area and parking ramp at $75 a month for each scheduled landing; extra sections at $2.50 a landing; present landing fees of $.50 per capacity seat or $2 per capacity ton to apply to charter trips.
2. Supplies and services to be furnished at University current prices.
3. General services (local ticket sales, battery cart service, line service, baggage handling, telephone and teletype, weather observations, waiting room, public address system, public protection, and fire protection) to be supplied for $600 a month.
4. Payments to be monthly in advance.

This temporary arrangement is to become effective with the start of scheduled service and to continue for not more than six months, unless previously superseded by a formal agreement. Either party may terminate the arrangement on fifteen days' notice.

I recommend approval of this temporary arrangement and request authorization, if service is inaugurated and proves satisfactory, to negotiate a formal agreement to be submitted to the Board for approval.

On motion of Mr. Livingston, this arrangement was approved and authority was given as recommended.

GRANTS IN AID FROM AMERICAN CANCER SOCIETY

(21) From time to time the American Cancer Society makes grants in aid of research to the University and to members of its staff. The patent policy of the American Cancer Society includes the following provisions which are in disagreement with the University's patent policy.

"It is the policy of the American Cancer Society to allow investigators complete freedom to publish the results of their research in any scientific or medical journals selected by them as the best media for the most effective dissemination of the work. Because of this policy and the fundamental nature of the research projects which are being investigated, the problem of obtaining United States and foreign patents will seldom be presented.

"However, in the event that the question of patenting should arise, the principal investigator or grantee-institution concerned should inform the Executive Vice-President of the American Cancer Society concerning the matter, so that negotiations by the Society may be effected.

"Where a patent application is made, the policy of the American Cancer Society will apply, requiring the assignment of all patents to the Society; and the inventor shall receive a non-exclusive, irrevocable, royalty-free, and assignable license."

The Bursar of the University has corresponded with officials in the American Cancer Society in an effort to reconcile this disagreement. He reports that the Society is reluctant to make any change in a policy which it applies uniformly to a research program consisting of many individual contracts throughout the country.

In view of this, and since the intent of the Society's patent policy is identical with the University's, namely protection of public interest, I recommend that the Board authorize waiving the patent provisions of the University Statutes in so far as they apply to work done on a grant in aid from the American Cancer Society and authorize acceptance of the Society's policy, as stated above, in such cases.

On motion of Mr. Livingston, these recommendations were approved and adopted.

INVESTMENTS

(22) The Finance Committee reports the following transactions involving securities:

Funds Held as a Reserve for Workmen's Compensation Benefits

Purchase:

U.S.A. 1¼% Certificates of Indebtedness, due July 1, 1951.....$20 000 00

Endowment Funds

Sales:

Phillips Petroleum Company, 200 rights.....	68 75
Pacific Gas and Electric Company, 220 rights.....	90 56

Student Loan Funds

Exchange:

$30,000 U.S.A. 1¼%, Certificates of Indebtedness, due April 1, 1950, for $30,000 U.S.A. Treasury notes, 1¼%, due July 1, 1951.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(23) The Comptroller's report of contracts executed in May, 1950 (see Appendix, page 1258).

This report was received for record.

COAL RECEIVED FROM THE REPUBLIC COAL AND COKE COMPANY, JANUARY 1 TO APRIL 2, 1950

(24) In accordance with the request of the Board of Trustees, the following report is submitted of coal deliveries by the Republic Coal and Coke Company during the period January 1 to April 2, 1950.

Period Ending:		*3/19/50*	*3/26/50*	*4/2/50*
Tonnage		731.25	1794.65	2061.30
	Guaranteed	*Actual*	*Actual*	*Actual*
Moisture	11.7%	13.4%	13.25%	13.7%
Ash (moisture free)	8.7%±1%	9.45%	9.46%	8.7%
Sulfur (moisture free)	2.8%±1%	3.18%	3.17%	3.06%
B.T.U./lb. (moisture free)	13,150±2%	13,018	13,113	13,318
Percentage of Fines	20%±2%	22.98%	23.98%	22.24%

Moisture and per cent of fines have been above guarantee. No penalty is provided for excess moisture. Contract provides tests for "fines" will be made from samples from conveyor belt. Since this coal was placed in storage such tests were impossible, but tests shown were made from the stockpile and indicate coal was substantially in accordance with the specifications.

This report was received for record.

AUTHORITY TO PURCHASE CATTLE

(25) The program for the purchase of feeding cattle for the Wright Farms for the 1950-1951 feeding season will be approximately as shown by the following schedule:

WRIGHT FARMS, DEKALB COUNTY, CATTLE FEEDING PROGRAM 1950-1951

Buying Period	*Number*	*Kind*	*Average Weight (pounds)*	*Price per Hundred Pounds*	*Total Cost*	*University Share*
		Farm No. 3				
August	50	Calves	400	at $30 00	$ 6 000 00	$ 3 000 00
August	40	Yearling Steers	625	at 27 50	6 875 00	3 437 50
September-October	60	Calves	450	at 30 00	8 100 00	4 050 00
October-November	35	Heavy Steers	800	at 27 50	7 700 00	3 850 00
Total	185				$28 675 00	$14 337 50
		Farm No. 4				
August-September	50	Steer Calves	425	at $30 00	$ 6 375 00	$ 3 187 50
August-September	50	Heifer Calves	400	at 28 00	5 600 00	2 800 00
Total	100				$11 975 00	$ 5 987 50
		Farms Nos. 6 and 7				
August-September	50	Steer Calves	425	at $30 00	$ 6 375 00	$ 3 187 50
October-November	25	Yearling Steers	650	at 28 50	4 631 25	2 315 62
October-December	25	Heavy Steers	800	at 27 50	5 500 00	2 750 00
Total	100				$16 506 25	$ 8 253 12
Total, All Farms	385				$57 156 25	$28 578 12

Purchases are made on the basis of current market prices when suitable stock is available and payment is due immediately. Under such conditions, it is impracticable to request the approval of the Board of Trustees prior to each transaction.

The Director of Purchases, the Comptroller, and Professor J. B. Andrews of the College of Agriculture request authority to purchase feeding cattle substantially in accordance with the above schedule when purchases are recommended by the farm manager. All such purchases will be reported to the Board of Trustees, and will be paid for from the Wright Farms operation income.

I concur.

On motion of Mr. McLaughlin, these purchases were authorized as recommended.

PURCHASES

(26) A report of (A) emergency purchases authorized and (B) purchases recommended (see Appendix, page 1258).

On motion of Mrs. Watkins, the action of the President of the University in authorizing emergency purchases was approved and confirmed, and the purchases recommended were authorized.

APPOINTMENT OF PROFESSOR LYLE H. LANIER AS HEAD OF THE DEPARTMENT OF PSYCHOLOGY

(27) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Professor Lyle H. Lanier, now Professor and Head of the Department of Psychology at New York University, as Professor and Head of the Department of Psychology to succeed Professor Herbert Woodrow who has been granted sabbatical leave of absence for the first semester of 1950-1951 and who will retire from active service on September 1, 1951. In the meantime, Professor Woodrow has requested that he be relieved of his duties as Head of the Department.

It is desirable to have Professor Lanier's appointment begin September 1, 1950, but this is conditional on when he can be released from his present position. In any event, he is prepared to come to the University of Illinois not later than February 1, 1951.

I recommend (a) that the Board approve this appointment now, and (b) that the Executive Committee of the Board be authorized to fix the terms upon recommendation of the President of the University.

On motion of Dr. Meyer, this appointment was authorized as recommended.

STREET LIGHTING IMPROVEMENT IN CHAMPAIGN

(28) The Campus Business Men's Association has been promoting the installation of a new street lighting system in the area adjacent to the University Campus on the Champaign side. The majority of the property owners have signed the petition for this improvement. The Association requests that the University participate by assuming its proportionate share of the costs as related to frontage of University property.

This proposal has been studied by the Comptroller, the Director of the Physical Plant, and the Chairman of the Building Program Committee. They have advised that the program will provide desirable improved illumination and is in the interest of vehicular and pedestrian safety. The project has been modified to conform to suggestions made by the University and the plan of construction is satisfactory. The University's share of the estimated cost of the improvement on the Champaign side is $26,325.

An effort was also made to develop a similarly needed improvement on the Urbana side. City authorities and property owners affected proposed a plan which University officials do not believe would provide adequate illumination for vehicular and pedestrian traffic. An effort has been made to secure a change in the Urbana program but present indications are that it will not go forward.

I recommend that the Board of Trustees authorize the payment of the University's share of the new street lighting system on the Champaign side and that it record its agreement to participate in a comparable improvement on the Urbana side should municipal officials and property owners decide on a program of acceptable standard.

On motion of Mr. Fornof, this recommendation was adopted.

CONTRACT FOR AGRONOMY GREENHOUSE PARTITION

(29) There has been submitted, separately, a recommendation that an appropriation of $2,500 be made for remodeling of the Agronomy Greenhouse. This will include the construction of glass partitions.

The Director of the Physical Plant and the Comptroller recommend award of a contract to Lord and Burnham, Des Plaines, Illinois, for $1,311 for materials (steel posts and framing and glass) to be used in erecting the partitions. This company specializes in greenhouse construction. It provided the materials for the original greenhouse and the materials it will supply will fit the original design.

It is difficult to secure competitive bids on such materials because other firms usually are not interested in quoting on structural parts for greenhouses of other builders' designs and especially in the case of a small job.

I concur and recommend that the Comptroller and the Secretary of the Board execute this contract.

On motion of Mr. Nickell, this contract was awarded and authority was given as recommended.

CONTRACT FOR INSTALLATION OF FLOOR DRAIN AND TROUGH, ROOM 563, DENTAL BUILDING, CHICAGO

(30) The Director of the Physical Plant and the Comptroller recommend the award of a contract for $1,552 to the Mutual Contracting Company, Chicago, the lowest bidder, for the installation of a waterproof, lead-lined drainage trough for a new battery of animal cages.

Funds are available in a special appropriation for the Animal Hospitals made by the Board of Trustees, February 16, 1950.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. McLaughlin, this contract was awarded and authority was given as recommended.

CONTRACT FOR REMODELING SPACE AT NAVY PIER TO PROVIDE QUARTERS FOR THE R.O.T.C. PROGRAM

(31) The Director of the Physical Plant and the Comptroller recommend the award of a contract for $10,575 to Mueller Construction Company, Chicago, the lowest bidder, for remodeling space at Navy Pier to provide facilities for the Reserve Officers Training Corps program at the Undergraduate Division.

Funds are available in a special appropriation made by the Board of Trustees for this purpose.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Livingston, this contract was awarded and authority was given as recommended.

CONTRACT FOR PHOTOENGRAVING

(32) During 1949-1950, the University has had a contract for photoengraving from G. R. Grubb and Company, Champaign, only local engraver. This contract was authorized by the Board of Trustees on June 25, 1949 (Minutes, page 482), on the basis of competitive bids, the bid of 3½¢ per unit by G. R. Grubb and Company being twenty per cent lower than the next higher bid.

The contract expires June 30, 1950, and G. R. Grubb and Company has offered to continue the contract for another year at the same price with provision for price adjustment if there is an increase in their wage contract during the period.

The price is low under current conditions as evidenced by the competitive bids received last year. No request has been received from any other engraver for this work. There is saving in time and money in having photoengraving work done locally, as frequent contact by University artists and printers with the engravers is necessary. G. R. Grubb and Company can supply the quality of engraving required in University work.

The Director of Purchases and the Comptroller recommend that the present contract with G. R. Grubb and Company be continued for 1950-1951 with provision for an adjustment in rates in the event of a wage rate increase. Estimated total expenditures are $20,000.

I concur and request that the Comptroller and the Secretary of the Board be authorized to renew this contract on the modified basis.

On motion of Mrs. Watkins, this contract was continued and authority was given as recommended.

FUNDS FOR PRELIMINARY PLANS FOR STUDENT AND STAFF HOUSING

(33) On January 12, 1950 (Minutes, page 970), the Board appropriated $10,000 for preliminary work on plans and specifications for the proposed Biology Building. Meanwhile federal funds for complete advance planning of this build-

ing have become available and all but $106 remains unexpended in the University appropriation.

The University has received the report of Survey of Student Housing by Skidmore, Owings, and Merrill, authorized by the Board on July 28, 1949. This report constitutes the basis for preliminary planning for student and staff housing. The Building Program Committee has recommended that the unused balance in the Biology Building appropriation ($9,894) be reassigned for this purpose.

I concur.

On motion of Mr. Livingston, this appropriation was made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stevenson.

APPROPRIATIONS BY ATHLETIC ASSOCIATION

(34) The Board of Directors of the Athletic Association submits for approval the following appropriations from the contingency fund of the Athletic Association:

1. An appropriation for the expenses of the golf team to the N.C.A.A. meet at Albuquerque, New Mexico, $1,100.

2. An appropriation for the Athletic Association's share of expenses of the Spring Coaches Clinic, $1,063.

I recommend approval.

On motion of Dr. Meyer, these appropriations were approved.

MEETING OF THE CHICAGO DEPARTMENTS COMMITTEE JUNE 15, 1950

Present: Dr. Karl Meyer, Mr. Park Livingston, and Mrs. Frances Watkins, members of the Committee; also Mr. Hilding Anderson, Mr. David H. Brill, and Dr. Walter Theobald, representing the Medical Center Commission; and Dr. A. C. Ivy, Vice-President in charge of the Chicago Professional Colleges.

The Committee met at Hotel LaSalle on June 15, 1950, to consider the proposed offer, conveyance, and lease between the University of Illinois and Medical Center Commission in connection with the proposed housing project on the Chicago campus.

The proposed documents were discussed in view of Dr. Ivy's recent letter to the Medical Center Commission.

Dr. Theobald stated that the members of the Commission present had the power to act for the Commission.

After discussion, two changes were agreed on and incorporated in the proposed documents.

The Chicago Committee of the Board of Trustees recommends that the documents prepared by Chapman and Cutler, and executed by the Medical Center Commission, be approved by the Board of Trustees (see Appendix, page 1261).

KARL A. MEYER, *Chairman*
PARK LIVINGSTON
FRANCES WATKINS

Dr. Ivy commented on this matter.

On motion of Dr. Meyer, the execution of these documents was authorized, by the following vote: Aye, Mr. Fornof, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stevenson.

RECESS FOR LUNCHEON

At this point, at 12:30 p.m., a recess was taken for luncheon.

AFTERNOON SESSION, JUNE 22, 1950

When the Board convened at 1:30 p.m. for the afternoon session, the same members and officers were present as during the morning session.

MR. H. E. CUNNINGHAM TERMINATES WORK AS SECRETARY

President Williamson read the following letter from the Secretary.

June 22, 1950

TO THE BOARD OF TRUSTEES:

This is my formal request for leave of absence from my duties and activities as Secretary of the Board, effective July 1, 1950, and continuing through March 31, 1951, as previously arranged.

As I terminate my active service as Secretary, I must express my appreciation of the confidence the Board has had in me over the years, and of the pleasure I have had in such close association with the members of the Board.

Sincerely yours,

H. E. CUNNINGHAM
Secretary

President Williamson, Dr. Meyer, Mr. Livingston, Mr. Fornof, and other members of the Board expressed their appreciation of the Secretary and his long service.

On motion of Mr. Livingston, the Secretary was given leave as requested.

Dr. Karl A. Meyer presented the following tribute and moved its adoption:

MR. PRESIDENT:

As the senior member of the Board of Trustees of the University of Illinois in number of years of service, it is my privilege to speak of the work of our retiring Secretary, Mr. Harrison Edward Cunningham.

In his forty years on the staff of the University — thirty-six of them as Secretary of the Board of Trustees — Mr. Cunningham has served many Boards of Trustees. He has done his work well, with serenity, dignity, and with unfailing courtesy to all who have held the office of University Trustee.

Through the years we who have known him best have taken these things for granted, scarcely noting how much they have meant to us. But now, as he is about to retire, we desire to take this occasion to record our appreciation for all he has done for us, for his devotion and many years of fine service to the University of Illinois. His career is woven into four decades and some of the glorious chapters in the University's history.

We wish for him and Mrs. Cunningham good health and happiness for many, many years to come.

I ask, Mr. President, that this tribute be made a permanent record in today's transactions of the Board of Trustees, and that a suitable engrossed copy, signed by all members of the Board, be given to Mr. Cunningham as a tangible expression of our appreciation.

And this tribute was unanimously adopted and ordered spread upon the minutes.

MR. A. J. JANATA ELECTED SECRETARY

On nomination and motion of Mr. Livingston, Mr. A. J. Janata was elected Secretary of the Board of Trustees, effective July 1, 1950.

REPORT ON CASE OF PROFESSOR R. H. BLODGETT

President Stoddard presented the report of a fact-finding committee appointed by the Provost to investigate and report on the question of possible violation of academic freedom in the College of Commerce and Business Administration, leading to the resignation of Professor Ralph H. Blodgett. The committee consisted of Dean A. J. Harno, Chairman, Director F. S. Siebert, and Professor F. Wheeler Loomis (see Appendix, page 1269).

With the report of the fact-finding committee, President Stoddard

presented his comments on the report and on conditions in the Department of Economics and the College of Commerce and Business Administration (see Appendix, page 1276).

President Stoddard read his statement.

After the reading of the report, the matter was discussed and commented on by members of the Board and of the audience.

On motion of Mr. Livingston, the report was accepted, and the President was requested to provide copies for the public.

SECRETARY'S REPORT OF CONTRACTS

The Secretary presented for record the following document signed by the President and the Secretary of the Board, and deposited with the Secretary since the last report.

Chicago Title and Trust Company, Deposit Agreement, $700,000 Student-Staff Apartments (Second Unit) Revenue Bonds.

SECRETARY'S REPORTS

The Secretary presented for record the following lists, as printed in the Appendix.

1. Appointments made by the President of the University (page 1191).
2. Graduate fellows (page 1193).
3. Resignations and declinations (page 1194).
4. Leaves of absence (page 1195).
5. Degrees granted in June (page 1196).

The Board adjourned.

H. E. CUNNINGHAM
Secretary

KENNEY E. WILLIAMSON
President

APPENDIX

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. Part-time appointments are shown by fractions after the name of the department. C = College; S = Station; E = Extension.)

ANDERSON, G. F., Assistant Professor, Education (Division of Teacher Placement) (University Council on Teacher Education), June 12, 1950-August 31, 1951, $5500 a year (5-18-50).

BARBER, THOMAS K., Instructor, Graduate Pedodontia (½), and in Operative Dentistry (½) (Dentistry), five months beginning April 1, 1950, $300 a month (5-22-50).

BENDER, COLEMAN C., Instructor, Speech (½), six months beginning September 1, 1950, to render service during the first semester of the academic year, $141.67 a month (5-24-50).

BLAND, GEORGE F., Research Assistant, Electronic Digital Computer (Graduate College), two months beginning June 1, 1950, $300 a month, supersedes (6-3-50).

BLOMQUIST, CONRAD A., Instructor, Zoology (Pharmacy), academic year beginning September 1, 1950, $3900 (5-18-50).

BLYTH, COLIN R., Assistant Professor, Mathematics, academic year beginning September 1, 1950, $4500 (5-18-50).

BOBER, M. M., Economics, Summer Session, 1950, June 23-August 19, 1950, $1178 (6-7-50).

BRASMER, TIMOTHY H., Instructor, Veterinary Clinical Medicine (Veterinary Medicine), July 1, 1950-August 31, 1951, $4000 a year (5-18-50).

BRAUNFELD, MRS. JOHANNA, Humanities (Undergraduate Division in Chicago), Summer Session, 1950, eight weeks beginning June 26, 1950, $845, supersedes (6-15-50).

BRELAND, HERMAN L., Assistant, Soil Fertility (Agronomy) (S), April 16-August 31, 1950, $3400 a year, supersedes (5-18-50).

BRENNAN, LAWRENCE E., Special Research Associate, Electrical Engineering (S), four months beginning May 1, 1950, $320 a month (6-2-50).

BURNS, KENNETH, Instructor, Speech, academic year beginning September 1, 1950, $3800 (6-1-50).

CAIRNS, STEWART S., Professor, Mathematics (Graduate College) (⅔), three months beginning June 1, 1950, $1400, in addition to present appointment (6-1-50).

CAPRON, WILLIAM M., Assistant Professor, Economics (Economics), and Research Assistant Professor, Economics (Bureau of Economics and Business Research), two months beginning July 1, 1950, $475 a month, in addition to present appointment (6-15-50).

COLBY, MRS MARY M., Social Sciences (Undergraduate Division in Chicago), Summer Session, 1950 (83/100), $738 (6-15-50).

DELL, G. H., Civil Engineering, Summer Session of 1950, July 31-September 2, 1950, $722, supersedes (6-7-50).

DIECKAMP, H. M., Research Assistant, Physics (C), one year beginning September 1, 1950, $3240 (5-24-50).

EVERSON, TILDEN C., Clinical Instructor, Surgery (Medicine), five months beginning April 1, 1950, without salary, supersedes (5-18-50).

FALETTI, RICHARD J., Assistant Professor, Law, academic year beginning September 1, 1950, $5500 (5-18-50).

FARRIS, DOROTHY F., Temporary Head Resident, Evans Hall, two months beginning June 20, 1950, $360 (for the convenience of the University, she will also be provided room valued at $10 a month, and board during period when food service is in operation, valued at $21 a month), supersedes (6-8-50).

FELDMAN, DAVID, Research Associate, Physics (C), three months beginning June 16, 1950, $350 a month (5-22-50).

FLABB, BETTY J., Personnel Technician, Student Counseling Bureau, three months beginning June 1, 1950, $233.33 a month (6-8-50).

FULLER, JOSEPH A., JR., Research Assistant, Chemistry (Graduate College), June 15-August 31, 1950, $666.65 (6-16-50).

GOTTNEID, ALLAN J., Research Assistant, Psychology (Liberal Arts and Sciences), and (Graduate College), ten months beginning September 1, 1950, $2666.60 (5-18-50).

GRANDT, ALTEN F., Special Research First Assistant, Soil Fertility (Agronomy) (S), eight months beginning January 1, 1950, $4000 a year, supersedes (5-18-50).

GUILLEMIN, VICTOR, JR., Professor, Biophysics (Physiology) (Medicine), indefinite tenure beginning September 1, 1950, to render service during each academic year, without salary (5-18-50).

HARTOCH, ARNOLD J., Humanities (Undergraduate Division in Chicago), Summer Session of 1950, eight weeks beginning June 26, 1950, $867, supersedes (6-15-50).

HORWITZ, IRWIN D., Clinical Instructor, Otolaryngology (Medicine), one year beginning May 1, 1950, without salary, supersedes (6-1-50).

HOWE, QUINCY, Visiting Associate Professor, School of Journalism and Communications, academic year beginning September 1, 1950, $7500 (6-14-50).

JENTSCHKE, W. K., Research Assistant Professor, Physics (C), one year beginning July 1, 1950, $6600, supersedes (5-18-50).

KIRKPATRICK, MRS. ALICE C., Research Assistant, Bureau of Economic and Business Research, two months beginning July 1, 1950, $400 a month (6-16-50).

LUDWIG, MERRITT C., Research Assistant, Institute of Communications Research (½), one year beginning September 1, 1950, $1800 (5-18-50).

LUECKING, EVELYN M., Research Assistant, Bureau of Research and Service (½), three months beginning June 1, 1950, $116.67 a month (5-22-50).

MARCUS, PAUL M., Research Assistant Professor, Physics (C), ten months beginning November 1, 1950, $5400 a year (5-24-50).

MARTIN, GEORGE E., Research Associate, Bureau of Economic and Business Research, two months beginning July 1, 1950, $400 a month (6-16-50).

MARX, JOHN W., Assistant Professor, Physical Metallurgy (Mining and Metallurgical Engineering) (C), one year beginning September 1, 1950, $4900 (6-8-50).

MCELDOWNEY, H. B., Architecture (Undergraduate Division in Chicago), Summer Session of 1950, eight weeks beginning June 26, 1950, $834 (6-15-50).

MCPHERSON, FRANCES, Assistant, Physical Education for Women, nine months beginning September 16, 1950, $3000 a year (6-1-50).

MEDUNA, LADISLAS J., Professor, Psychiatry (Medicine), indefinite tenure beginning March 15, 1950, $7350 a year, supersedes (6-9-50).

MENDEL, CLIFFORD W., Administrative Assistant, Provost's Office, two months beginning June 15, 1950, $722, in addition to present appointment (6-13-50).

MIKOLAJCZYK, H. L., Architecture (Undergraduate Division in Chicago), Summer Session of 1950 (⅔), eight weeks beginning June 26, 1950, $534 (6-15-50).

MULLANEY, JAMES T., Lecturer, Legal Medicine (Criminology and Legal Medicine) (Medicine), three months beginning April 1, 1950, $300 (5-18-50).

OHLSEN, MERLE M., Associate Professor, Education, and Head of Student Teaching, (University Council on Teacher Education), two years beginning September 1, 1950, $7500 a year (5-18-50).

PEARLSTEIN, EDGAR A., Research Associate, Physics (C), one year beginning July 1, 1950, $4200 (5-18-50).

PETERSON, F. L., Research Assistant, Physics (C), one year beginning September 1, 1950, $3600 (5-24-50).

PIERCE, BEVERLY J., Nursery School (Division of Special Services for War Veterans), Summer Session of 1950 (5/7), June 23-August 19, 1950, $429 (6-7-50).

PURNELL, ISABELLE, Research Assistant, Bureau of Economic and Business Research, two months beginning July 1, 1950, $333.33 a month (6-16-50).

RASOR, N. S., Research Assistant, Physics (C), June 15-August 31, 1950, $270 a month (6-16-50).

RIDER, RICHARD L., Instructor, Visual Communications (¼), and Instructor, Journalism (¼), academic year beginning September 1, 1950, $1800 (5-18-50).

RIESEN, D. E., Research Assistant, Physics (C), one year beginning September 1, 1950, $3600 (6-1-50).

ROACH, CAROL, Speech, Summer Session of 1950, June 26-August 19, 1950, $534, supersedes (6-15-50).

SCHULTZ, R. E., Instructor, Education (Division of Teacher Placement) (Education), one year beginning September 1, 1950, $4200 (5-18-50).

SHAPIN, THEODORE, JR., Research Assistant, Electronic Digital Computer (Graduate College), June 15, 1950-August 31, 1951, $3720 a year, supersedes (6-13-50).

SHAPIRO, M. D., Research Assistant, Electronic Digital Computer (Graduate College), July 1, 1950-August 31, 1951, $3480 a year, supersedes (6-13-50).

SHOPEN, K. G., Art (Undergraduate Division in Chicago), Summer Session of 1950, eight weeks beginning June 26, 1950, $919 (6-15-50).

SLIFKIN, L. M., Research Associate, Physics (C), one year beginning September 1, 1950, $4200 (6-1-50).

SOUTHWICK, HARRY, Instructor, Surgery (Medicine), six months beginning April 1, 1950, without salary, supersedes (5-22-50).

STERN, HARRIET R., Laboratory Assistant, Entomology (Graduate College), three months beginning June 1, 1950, $600, supersedes (6-16-50).

STRUIK, RUTH R., Assistant, Mathematics (Graduate College), seven months beginning July 1, 1950, $250 a month (6-16-50).

VEINUS, ABRAHAM, Music, Summer Session of 1950, June 23-August 19, 1950, $1200 (6-7-50).

VIEST, IVAN, Research Associate, Theoretical and Applied Mechanics (S) (½), one year beginning June 16, 1950, $2100, supersedes (6-15-50).

VON FOERSTER, HEINZ M., Research Associate Professor, Electrical Engineering (C), four months beginning May 1, 1950, $583.33 a month, supersedes (4-26-50).

WAGNER, HELEN L., Instructor, Physical Education for Women, academic year beginning September 1, 1950, $3800 (5-24-50).

WATTENBERG, ALBERT, Assistant Professor, Physics (C), academic year beginning September 1, 1950, $7000 (5-18-50).

WENIG, P. W., Assistant, Psychology, nine months beginning September 16, 1950, $2400 (5-24-50).

WERT, CHARLES A., Research Associate Professor, Physical Metallurgy (Mining and Metallurgical Engineering (S), indefinite tenure beginning September 1, 1950, $5500 a year (5-18-50).

WHITE, MRS. ELWANDA D., Research Assistant, Home Economics (C), February 20-August 31, 1950, $3200 a year (5-18-50).

WIER, JOSEPH M., Research Assistant, Electronic Digital Computer (Graduate College), one year beginning September 1, 1950, $3600 (6-13-50).

WILSON, CHARLES M., Bacteriology, Summer Session of 1950, June 23-August 19, 1950, $1045 (6-7-50).

WU, SHI-SHU, Research Assistant, Physics (C), full time, two months beginning June 15, 1950, $270 a month, and (½), September 16, 1950-January 31, 1951, $135 a month (6-16-50).

ZAGOL, STANLEY, Assistant, Institute of Labor and Industrial Relations, two months beginning July 1, 1950, $266.66 a month, supersedes (6-16-50).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

BHATTACHARJEE, JYOTI P., Booth Fellow, Agricultural Economics, one year beginning February 1, 1950, $1500, supersedes (5-17-50).

EARLE, NORMAN W., Gulf Oil Research and Development Company Fellow, Entomology, one year beginning May 1, 1950, $1500 (6-8-50).

ECKERT, ROGER E., Fellow, Chemical Engineering, nine months beginning September 16, 1950, $1000, supersedes (5-17-50).

MARTIN, RICHARD E., Consolidated Vultee Aircraft Corporation Fellow, Aeronautical Engineering, nine months beginning September 16, 1950, $750 (6-7-50).

REEDER, WALTER D., Consolidated Vultee Aircraft Corporation Fellow, Aeronautical Engineering, nine months beginning September 16, 1950, $750 (6-7-50).

REITAN, EARL A., Laurence M. Larson Memorial Fellow, History, $250 (5-31-50).

SEN, SUDHIR, Postdoctoral Fellow, Ceramic Engineering, three months beginning June 15, 1950, $600 (5-19-50).

SOWMAN, HAROLD G., Titanium Alloy Manufacturing Company Fellow, Ceramic Engineering, ten months beginning September 1, 1950, $1800 (6-9-50).
WICK, ROBERT S., Standard Oil Company of Indiana Fellow, Mechanical Engineering, ten months beginning September 1, 1950, $1500 (5-26-50).

RESIGNATIONS AND DECLINATIONS

ADAMS, CATHARINE, Education, Summer Session of 1950 — declination effective 6-23-50.
ALBRIGHT, W. G., Electrical Engineering, Summer Session of 1950 — declination effective 6-23-50.
ANDERLIK, MRS. BARBARA C., Special Research Assistant, Chemistry (Graduate College) — resignation effective 6-1-50.
AUMANN, ROBERT J., Fellow, Mathematics — declination effective 9-16-50.
BAKER, MELVIN C., Counselor, University Council on Teacher Education — resignation effective 8-31-50.
BRODBECK, A. J., Assistant Professor, Psychology — resignation effective 9-1-50.
BROWN, WILLIAM B., Flight Instructor, Institute of Aviation — resignation effective 7-1-50.
BUCKLEY, NORMAN A., Special Research Assistant, Mechanical Engineering (S) — resignation effective 8-1-50.
BURNS, ALETA V., Research Assistant, Pediatrics (Medicine) — resignation effective 6-14-50.
COBB, A. C., Theoretical and Applied Mechanics (Undergraduate Division in Chicago), Summer Session of 1950 — declination effective 6-26-50.
COULTAS, THOMAS A., Instructor, Mechanical Engineering (C) — resignation effective 8-31-50.
CROFT, MARJORIE L., Instructor, Mathematics (Undergraduate Division in Chicago) — resignation effective 8-31-50.
CUTSHALL, A. D., Social Sciences (Undergraduate Division in Chicago), Summer Session of 1950 — declination effective 6-26-50.
DAHLAN, JOSEPH G., Fellow, Management — declination effective 9-16-50.
DEASON, H. E., Instructor, Agricultural 4-H Club Work (E) — resignation effective 7-31-50.
DRELL, SIDNEY D., Special Research Associate, Physics (S) — resignation effective 6-6-50.
EVANS, MRS. JOSEPHINE F., English, Summer Session of 1950 — declination effective 6-23-50.
FELDMAN, DAVID, Research Associate, Physics (C) — declination effective 6-16-50.
FLANDERS, D. P., Economics, Summer Session of 1950 — declination effective 6-23-50.
FRANKS, MARY L., Library School Library Assistant, Public Service — resignation effective 9-1-50.
FRIEDLEY, ALYCE C., Instructor, Chemistry (Pharmacy) — resignation effective 8-31-50.
GALPIN, AUDREY, English, Summer Session of 1950 — declination effective 6-23-50.
GILLENWATER, VIRGIL W., Counselor, University Council on Teacher Education — resignation effective 8-31-50.
GOLDHABER, MRS. GERTRUDE S., Special Research Assistant Professor, Physics (S) — resignation effective 6-10-50.
GREENBERG, RICHARD A., E. R. Squibb and Sons Fellow, Bacteriology — resignation effective 6-11-50.
GREENWELL, BENJAMIN E., Upjohn Company Fellow, Chemistry — resignation effective 7-1-50.
GRIMELLI, LUKE J., Assistant Physician, Health Service (Chicago Professional Colleges) — resignation effective 7-1-50.
HALVORSON, H. O., Bacteriology, Summer Session of 1950 — declination effective 6-23-50.
HEWLETT, MRS. MARILYN N., Instructor, English (Undergraduate Division in Chicago) — resignation effective 8-31-50.
HEYER, ALBERT W., Assistant Professor, Psychology — resignation effective 9-1-50.
HOGUE, ARTHUR R., Assistant Professor, History — resignation effective 9-1-50.

HOROWITZ, RACHEL L., Research Assistant, Physiology (Medicine) — resignation effective 6-3-50.
KARPINSKI, R. W., Physical Sciences (Undergraduate Division in Chicago), Summer Session of 1950 — declination effective 6-26-50.
KIRKPATRICK, MRS. ALICE C., Business Organization and Operation, Summer Session of 1950 — declination effective 6-23-50.
KLIGER, PAUL I., Research Assistant, Labor and Industrial Relations (Institute of Labor and Industrial Relations) — resignation effective 5-31-50.
KRIDER, J. L., Professor, Animal Science (C & S) — resignation effective 7-12-50.
LAING, A. K., Architecture, Summer Session of 1950 — declination effective 6-23-50.
LANGEBARTEL, R. G., Instructor, Mathematics — resignation effective 9-1-50.
LARSON, R. F., Mechanical Engineering, Summer Session of 1950 — declination effective 6-23-50.
MARROQUIN, ALEJANDRO D., Instructor, Spanish — resignation effective 9-1-50.
MATTHEWS, EDITH, Nursery School (Division of Special Services for War Veterans), Summer Session of 1950 — declination effective 6-23-50.
MCGRATH, G. D., Associate Professor, Education, Director, Teacher Education (Education), and Associate Professor, Education (E), and Assistant Coordinator, Teacher Education (University Council on Teacher Education) — resignation effective 9-1-50.
MIHELICH, J. W., Special Research Assistant, Physics (C) — resignation effective 5-20-50.
MILLER, L. H., JR., Physical Education for Men (Undergraduate Division in Chicago), Summer Session of 1950 — declination effective 6-26-50.
POLK, H. K., Electrical Engineering, Summer Session of 1950 — declination effective 6-23-50.
POLLI, JOHN F., Research Fellow, Toxicology (Medicine) — resignation effective 6-1-50.
RICHARDSON, J. F., Art (Undergraduate Division in Chicago), Summer Session of 1950 — declination effective 6-26-50.
SILIN, JACQUELINE, Fellow, Psychology — declination effective 9-16-50.
SPROW, MRS. CLEMENTINE H., Engineering Library Assistant, Library — resignation effective 7-15-50.
SWENGEL, MRS. BEULAH, Instructor, Speech, and Supervisor of Children's Speech — resignation effective 9-1-50.
WADSWORTH, JAMES H., Instructor, Veterinary Anatomy and Histology (Veterinary Medicine) — resignation effective 8-31-50.
WENDT, ROGERS H., Fellow, Economics — declination effective 9-16-50.
WOOD, MRS. CORDILL H., Clinical Psychotherapist, and Instructor, Mental Hygiene (Health Service) — resignation effective 6-20-50.

LEAVES OF ABSENCE

DUNLOP, KATHLEEN, Research Assistant, Bureau of Economic and Business Research — leave of absence, without salary, July 14-August 31, 1950.
JUGENHEIMER, ROBERT W., Professor, Plant Genetics (Agronomy) (C & S) — leave of absence, without salary, June 10-November 10, 1950.
KIRK, S. A., Professor, Education — leave of absence, without salary, July 22-October 29, 1950.
MCLURE, WILLIAM P., Associate Professor, Bureau of Research and Service (Education) — leave of absence, without salary, July 1-August 31, 1950.
WEIBEL, R. O., Assistant Professor, Crop Production and Plant Genetics (Agronomy) (S) — leave of absence, without salary, June 1-September 1, 1950.

DEGREES CONFERRED

Degrees in the Graduate College, conferred at Urbana:		
Doctor of Philosophy	93	
Doctor of Education	3	
Civil Engineer	2	
Electrical Engineer	2	
Mechanical Engineer	3	
Master of Education	6	
Master of Social Work	7	
Master of Arts	141	
Master of Science	421	
Master of Fine Arts	5	
Master of Music	1	
Total, Graduate College	684	
Degrees in Law, conferred at Urbana:		
Bachelor of Science	16	
Bachelor of Laws	36	
Doctor of Law	8	
Total, Law	60	
Baccalaureate Degrees, conferred at Urbana:		
Bachelor of Science, College of Agriculture	282	
Bachelor of Science, College of Engineering	644	
Bachelor of Arts, College of Liberal Arts and Sciences	403	
Bachelor of Science, College of Liberal Arts and Sciences	340	
Bachelor of Science, Library School	11	
Bachelor of Science, College of Education	125	
Bachelor of Science, College of Commerce and Business Administration	419	
Bachelor of Science, School of Journalism and Communications	135	
Bachelor of Science, College of Fine and Applied Arts	151	
Bachelor of Fine Arts, College of Fine and Applied Arts	56	
Bachelor of Music, College of Fine and Applied Arts	5	
Bachelor of Science, School of Physical Education	64	
Bachelor of Science, Division of Special Services for War Veterans	378	
Bachelor of Science, College of Veterinary Medicine	24	
Total, Baccalaureate Degrees	3,037	
Total, Degrees Conferred at Urbana		3,781
Degrees in Dentistry, conferred in Chicago:		
Bachelor of Science in Dentistry	18	
Doctor of Dental Surgery	54	
Total, Dentistry	72	
Degrees in Medicine, conferred in Chicago:		
Bachelor of Science in Medicine	27	
Bachelor of Science in Occupational Therapy	14	
Doctor of Medicine	158	
Total, Medicine	199	
Degrees in Nursing, conferred in Chicago:		
Diplomas in Nurse Training	(18)	
Bachelor of Science in Nursing	1	
Degrees in Pharmacy, conferred in Chicago:		
Bachelor of Science in Pharmacy	84	
Degrees in the Graduate College, conferred in Chicago:		
Doctor of Philosophy	5	
Master of Science	36	
Total, Graduate College	41	
Total, Degrees Conferred in Chicago		397
Total, Urbana and Chicago		4,162

Degrees Conferred June 18, 1950, at Urbana

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Agricultural Economics

GLEN THURSTON NELSON, B.S., M.S., Utah State Agricultural College, 1942, 1947
DONALD BIRTALL WILLIAMS, B.S., Sydney University, 1943; B.Com., Melbourne University, 1947; M.S., 1949

In Agronomy

DENTON EUGENE ALEXANDER, B.S., 1941
PAO HUA LIU, B.S., M.S., National Central University, 1940, 1944
RUH-HWA MA, B.S., University of Nanking, 1934; M.S., 1946

In Animal Science

KENNETH AUSTIN BURKE, A.B., A.M., McMaster University, 1944, 1945
GEORGE EDWARD ROBINSON, JR., B.S., Alcorn Agricultural and Mechanical College, 1942; M.S., 1945

In Bacteriology

BERNARD ALBERT STEINBERG, A.B., New York University, 1947; M.S., 1948

In Botany

JOHN WALTON HALL, B.S., M.S., Massachusetts State College, 1940, 1942
TAKUMA TANADA, B.S., M.S., University of Hawaii, 1942, 1944

In Ceramic Engineering

WILLIAM DANIEL FITZPATRICK, B.S., M.S., 1941, 1947
SUDHIR SEN, B.S., Patna University, 1938; M.S., University of Calcutta, 1940

In Chemical Engineering

FRANK OSCAR EKMAN, B.A.Sc., M.A.Sc., University of British Columbia, 1944, 1946
NOEL EDWARD NORMAN, B.S., University of Western Australia, 1943; M.S., 1948
JOHN FREDERICK TAYLOR, B.S., Louisiana State University, 1945; M.S., 1948
ROBERT DANIEL TOOMEY, B.S., M.S., University of Washington, 1945, 1946

In Chemistry

ARNOLD HENRY ANDEREGG, A.B., Montana State University, 1940
JOHN LYNDE ANDERSON, B.Chem., University of Minnesota, 1947; M.S., 1948
ROBERT LYNN BOHON, B.S., 1946
ARCHIE GIRARD BUYERS, B.S., Haverford College, 1943; M.S., 1947
PHILIP DORNIN CAESAR, B.S., Yale University, 1939; M.S., 1948
ROBERT EDWARD CARNAHAN, B.S., University of Wisconsin, 1947; M.S., 1948
JEAN VEGHTE CRAWFORD, A.B., Mt. Holyoke College, 1940; A.M., Oberlin College, 1942
HORACE ALBERT DEWALD, B.S., Allegheny College, 1944
JACOB FUCHS, A.B., New York University, 1944; M.S., 1947
WILLIAM EDWARD GOODE, B.S., M.S., North Texas State Teachers College, 1946, 1947
BENJAMIN ELMER GREENWELL, B.S., Monmouth College, 1945; M.S., 1948
LEO FRANCIS HENEGHAN, A.B., Illinois College, 1946
HAROLD WAYNE HILL, JR., A.B., James Millikin University, 1947; M.S., 1948
CLAUDE RAY HUDGENS, B.S., Southern Illinois University, 1947
ALEX KOTCH, JR., B.S., M.S., Pennsylvania State College, 1946, 1947
GENE FREDERICK LATA, B.S., College of the City of New York, 1942; M.S., 1948
DAVID JACOB MANN, B.S., Long Island University, 1941; M.S., 1947
WILLIAM RIEDEL MILLER, B.S., Iowa State College, 1946; M.S., 1948
PAUL HERMAN MOHR, A.B., M.S., 1947, 1948

ROBERT KEITH OSTERHELD, B.S., Polytechnic Institute of Brooklyn, 1945
PHILIP JOSEPH PIZZOLATO, B.S., Loyola University (New Orleans), 1941; M.S., St. Louis University, 1943
HENRY JAMES SALLACH, B.S., M.S., University of Nebraska, 1944, 1947
CHARLES HERBERT YOUNG, A.B., Columbia University, 1943

In Civil Engineering

VEN TE CHOW, B.S., National Chiao Tung University, 1940; M.S., Pennsylvania State College, 1948
ZUR-KONG LEE, B.S., St. John's University, 1938; M.S., 1949

In Classics

RUTH STAFFORD KOVACS, A.B., A.M., 1941, 1942

In Clinical Psychology

SAMUEL SANFORD DUBIN, A.B., Oberlin College, 1938; A.M., Columbia University, 1939

In Dairy Technology

JOHN WARREN STULL, B.S., M.S., 1942, 1947

In Economics

CHARLES WESLEY FRISTOE, A.B., University of Missouri, 1939; M.S., 1947
VERNON RAY FRYBURGER, JR., B.S., Miami University, 1939
JOHN VINCENT MACHELL, JR., B.S., Temple University, 1935; A.M., 1938
DARRELL LEONARD SPRIGGS, B.S., M.S., 1940, 1947

In Electrical Engineering

ADNAN ATAMAN, M.S., Technical University of Istanbul, 1941
HAN KUEI CHEN, B.S., National Central University, 1939; M.S., University of Michigan, 1947
SURINDRA NATH KALRA, B.S., Punjab University, 1946; M.S., 1947
JOHANNES SAMUEL SCHAFFNER, E.E., Appenzell A.R. Kanlonsschule, 1946; M.S., 1948
NORMAN ROSS SCOTT, B.S., M.S., Massachusetts Institute of Technology, 1941, 1941
HARRY JAMES VENEMA, B.S., M.S., 1946, 1947

In English

GIBBON FRANCIS BUTLER, A.B., A.M., Washington University, 1932, 1932
JOHN EDWARD KEATING, A.B., Loyola University, 1929; A.M., St. Louis University, 1933

In Entomology

WILLIAM GIBBS EDEN, B.S., M.S., Alabama Polytechnic Institute, 1940, 1947

In French

HELEN WHITMAN MACHAN, A.B., James Millikin University, 1921; A.M., Columbia University, 1929
WALTER STAAKS, A.B., Swarthmore College, 1937; A.M., University of California, 1939

In Geology

HARMON EDWIN EVELAND, JR., B.S., M.S., 1947, 1948
JOHN ALEXANDER FERGUSON, B.S., M.S., University of Queensland, 1946, 1948
RICHARD CLAUDE WEART, A.B., Cornell College, 1943; M.S., Syracuse University, 1948

In German

LUCIUS SHEPHERD ROBINSON, A.B., A.M., Howard University, 1931, 1932

In History

VINCENT WOODROW BEACH, B.S.E., A.M., University of Arkansas, 1939, 1947
WALTER NORMAN BREYMANN, B.S., A.M., 1941, 1947

CLAUDE EDWIN FIKE, JR., A.B., Duke University, 1941; A.M., Columbia University, 1947
HILDA KELLEY, A.B., A.M., 1945, 1946
CHARLES WILLIS SIMMONS, B.S., Alcorn Agricultural and Mechanical College, 1940; M.S., 1941

In Horticulture

HAMEEDUDDIN MAJIDUDDIN FAROOQUI, B.S., University of Bombay, 1943; M.S., University of California, 1946
HUSSEIN HOSNY HASSAN, B.S., Fouad First University, 1940; M.S., University of Maryland, 1947
OMAR DRENNAN MORGAN, JR., B.Ed., Illinois State Normal University, 1940

In Mathematics

RAYMOND GEORGE AYOUB, B.S., M.S., McGill University, 1943, 1946
NORMAN ALBERT GOLDSMITH, B.Ed., Eastern Illinois State College, 1932; A.M., 1936
SELMER MARTIN JOHNSON, A.B., A.M., University of Minnesota, 1938, 1940
KE-CHAN KUO, B.S., National Chiao Tung University, 1940; M.S., 1947
JUDSON SANDERSON, JR., A.B., M.S., 1947, 1948

In Physics

BENJAMIN CLINTON DIVEN, A.B., University of California, 1941; M.S., 1948
GORDON FRANK NEWELL, B.S., Union College, 1945
PHILIP BARTLETT SMITH, B.S., California Institute of Technology, 1944
ROBERT STUMP, A.B., Butler University, 1942; M.S., 1948
MARVIN EUGENE WYMAN, A.B., St. Olaf College, 1942; M.S., 1943

In Plant Pathology

RALPH WOLFLEY AMES, B.S., M.S., University of Wyoming, 1939, 1940
DAVID DAVIS, B.S., Cornell University, 1946

In Political Science

HOWARD DEVON HAMILTON, B.S., Purdue University, 1942
CHE-TAI LEE, A.B., National University of Peking, 1941; A.M., 1947
RICHARD WIRTH TAYLOR, A.B., A.M., 1947, 1948
KENNETH EARL VANLANDINGHAM, A.B., A.M., University of Kentucky, 1942, 1945

In Psychology

DAVID ROBERTSON SAUNDERS, B.S., Harvard University, 1943; A.M., 1949

In Spanish

HARRIETT ANNETTE SELTZER, B.S., Illinois State Normal University, 1944; A.M., 1947

In Theoretical and Applied Mechanics

CHANG-KENG LIU, B.S., National Chiao Tung University, 1943; M.S., 1946

In Zoology

EDWARD WILLIAM DANIELS, A.B., Cornell College, 1941; M.S., 1947
BEN JUNIOR FAWVER, B.Ed., Illinois State Normal University, 1941; M.S., 1947
HAROLD TORREY WIEBE, A.B., Greenville College, 1939; A.M., 1940

Degree of Doctor of Education

JAMES CHRISTIAN ATHERTON, B.S., M.S., Louisiana State University, 1935, 1947; Ed.M., 1949
RAYMOND OSCAR DUNCAN, LL.B., Washington University, 1930; A.M., Ed.M., 1940, 1946
LEO LEONARD KNUTI, B.S., M.S., University of Minnesota, 1926, 1937; Ed.M., 1948

Professional Degrees

Degree of Civil Engineer

MARSHALL HOLT, B.S., M.S., Ph.D., 1927, 1929, 1947
BERNT OSCAR LARSON, B.S., M.S., 1938, 1948

Degree of Electrical Engineer

FRANK EUGENE BUTTERFIELD, JR., B.S., 1941
MARION STANLEY HELM, B.S., M.S., 1933, 1934

Degree of Mechanical Engineer

LAWRENCE EDWARD DOYLE, B.S., Yale University, 1930
CYRUS DALE GREFFE, B.S., 1940
QUENTIN COROT VINES, B.S., 1929

Degree of Master of Education

CARL HARMOND BAUMGARDNER, B.Ed., Illinois State Normal University, 1942; A.M., 1949
EARL FOREMAN, A.B., A.M., Bradley University, 1934, 1948
KENNETH LAWRENCE HUSBANDS, A.B., University of Kansas City, 1937; A.M., University of Missouri, 1938
GEORGE COE LORBEER, JR., A.B., San Francisco State College, 1943; A.M., Stanford University, 1948
RALPH HENDERSON THOMPSON, A.B., Dickinson College, 1934; A.M., University of Delaware, 1948
METTA MOUDY ZAHORSKY, B.S., M.S., 1940, 1945

Degree of Master of Social Work

GERALDINE JEAN BREMMER, B.S., University of Wisconsin, 1933
ANNABELLE FAE BURDICK, A.B., 1946
FRANKLYN BURNS, B.S., 1948
MARY LU CORSER, A.B., Antioch College, 1948
THOMAS BENTON LITHERLAND, A.B., 1948
HELEN JANE READ, B.Ed., Illinois State Normal University, 1941
LELA BROWN RIDDELL, A.B., University of Kansas, 1940

Degree of Master of Arts

In Accountancy

HARVEY COLLINS SHERER, JR., A.B., Vanderbilt University, 1934

In Architecture

CHI-YUAN KU, B.S., Aurora University, 1940; M.S., 1949

In Chemistry

HELEN ELIZABETH DEWEY, A.B., Mt. Holyoke College, 1948
TIN BOO YEE, B.S., Arkansas State College, 1938; M.S., University of Arkansas, 1940
OWEN YORK, JR., A.B., Evansville College, 1948

In Economics

JOHN WOOD BEALL, A.B., Ohio Wesleyan University, 1947
LEONARD JOSEPH BRALOWER, A.B., 1949
ROBERT ATKINSON HEDGES, B.S., University of Kansas, 1940
PAUL FREDRICK MUELLER, A.B., 1949
MORTON ISRAEL STOCKLER, A.B., Wayne University, 1949
JOHN JOSEPH ZYGALA, A.B., Gannon College, 1949

In Education

MARIELLA AIKMAN, B.S., 1947
WILLIAM GILBERT ALBERTS, A.B., Shurtleff College, 1949
DONALD THOMAS ANDERSON, B.S., St. Viator College, 1932
ELEANOR JUNE ANDERSON, B.S., Illinois State Normal University, 1945
RUBY VERYL BACHTEL, B.S., Kansas State Teachers College, 1929
CHARLES WESLEY BATT, A.B., 1948
ELEANOR COOK BENDER, B.Ed., Northwestern University, 1939
VIRGINIA ANN CHRISTINE BUTLER, A.B., University of Kansas, 1947
ALICE MARIE CLANCY, A.B., Antioch College, 1948
GEORGE RAY COFFEY, B.Ed., Southern Illinois University, 1934
BARBARA SHIELDS COOK, A.B., University of Missouri, 1948
WAYNE BRACKEN CRAWFORD, B.S., University of Pittsburgh, 1941
IVAN EARL CRULL, B.Ed., Northern Illinois State Teachers College, 1939
CLARIBEL CULLY, A.B., Illinois College, 1936
MARGARET NYHUS DEES, B.S., 1939
EARL HERMAN DIEKEN, A.B., 1949
KENNETH EUGENE FARRAR, A.B., Monmouth College, 1942
RICHARD KEITH GRAGG, A.B., 1949
EVERETT EUGENE HALL, B.Ed., Southern Illinois University, 1947
MAURICE RAPHAEL HEATON, B.F.A., 1940
ROSE LANCASTER HEWITT, A.B., University of Colorado, 1928
LILLIAN JOHNNIE MAE HOUSTON, A.B., Stowe Teachers College, 1947
ANNA KIENTZLE HOWEY, A.B., 1949
BEULAH O'MEARA JORDAN, A.B., Stowe Teachers College, 1942
RICHARD RAY KINNEMAN, B.S., 1948
WILLIAM EARL LACROIX, B.S., Northern Illinois State Teachers College, 1946
CARL MAURITZ LINDVALL, A.B., Augustana College, 1947
E. ALBERTA MAGNUSSON, A.B., 1925
ARTHUR FREMONT MATHISEN, B.S., 1943
ARCHIBALD JOHN MCKINNEY, B.Mus., Illinois Wesleyan University, 1937
DORA EMMA MCNAIR, A.B., Stowe Teachers College, 1943
ELDRED GRANT MONTGOMERY, B.Ed., Illinois State Normal University, 1941
CATHERINE MARY MURRAY, A.B., Bradley University, 1942
RUTH ETHEL NAST, B.S., Southern Illinois University, 1947
ALEXANDER NICKETT, A.B., 1948
MILTON ELLIS PARKS, A.B., Westminster College, 1949
FARREL STANLEY PATTERSON, B.Ed., Eastern Illinois State College, 1940
WILLIAM DEAN POORE, B.S., 1949
HERMAN HENDERSON PRESLEY, A.B., McKendree College, 1935
MARVIN RAYE RAGAN, A.B., Illinois Wesleyan University, 1941
GLADYS MARIANN RUST, A.B., Eureka College, 1919
MARJORIE LUCILE SANBORN, A.B., James Millikin University, 1920
MARK HOPE SIMPSON, A.B., James Millikin University, 1948
WILLIAM REYNOLDS SLOTHOWER, A.B., Cornell College, 1943
DOROTHY MARIAN SMALL, A.B., Stowe Teachers College, 1947
ALFRED HIRAM SNAP, A.B., 1949
OTTO AL STASI, B.S., 1948
SEYMOUR BERNARD STISS, B.S., 1949
HERMAN EUGENE STOLTZ, B.Ed., Illinois State Normal University, 1936
STUART TAFT VAN DORN, A.B., Coe College, 1936
MERCEDES MARIA VARGAS, Profesora, University of Panama, 1946
HAROLD DAVID VOYLES, A.B., Shurtleff College, 1946
LEWIS WARREN WADDY, B.S., West Virginia State College, 1947
EDWARD CUNDIFF WEIR, B.Ed., Eastern Illinois State College, 1942
EUGENE ANDREW WILLIAMSON, B.S., Northern Illinois State Teachers College, 1948
GRACE ELIZABETH WILSON, A.B., Lincoln University, 1935

In English

ABELARDO ALBIS Y SANTOS, B.S., National University, 1936; A.M., St. Tomas University, 1941
LILLIAN TOLAND CALL, A.B., 1949
WALTER EUGENE EDENS, B.S., 1948
JOHN PHILIP FINK, A.B., James Millikin University, 1949
ORCUTT WILLIAM FROST, JR., A.B., 1949
ROBERT ROYAL GARD, A.B., Washington University, 1948
MARY BEATRICE HARRIS, A.B., 1941
PAUL EDWARD KIMMICH, A.B., Loras College, 1931
RAYMOND ALBERT KLOPSCH, B.S., Illinois Institute of Technology, 1949
CHARLES HARTLEY LAWBURGH, A.B., DePauw University, 1945
MARY ELIZABETH MCDOUGLE, A.B., Smith College, 1947
SANDER MOSES POSTOL, A.B., 1949

In Geology

DEWEY HAROLD AMOS, B.S., Marietta College, 1949
Jack MINROD DECKER, A.B., University of Redlands, 1949

In German

HARRIET JANE STAINBACK, A.B., Wellesley College, 1948

In History

EARLAND IRVING CARLSON, A.B., Wheaton College, 1949
LOIS MARGARET DISANTO, A.B., College of St. Scholastica, 1941; B.S., Columbia University, 1945
ROBERT MELVIN MARTIN, A.B., 1949
EARL AARON REITAN, A.B., Concordia College, 1948
JOSEPH FRANCIS STRAUB, A.B., 1949
CHESTER ROBERT SUMMERS, A.B., Miami University, 1947

In Italian

PAUL RICHARD OLSON, A.B., 1948

In Labor and Industrial Relations

IRVING NORTON KING, B.S., 1949
NORBERT JOSEPH SAMBORSKI, B.S., Creighton University, 1948
HERBERT SIECK, JR., B.S., 1948

In Landscape Architecture

CHARLES STEPHEN SCHUSTER, B.S., Oregon State College, 1948

In Mathematics

HANS KARL LUDWIG WILHELM FLESCH, Diploma Preliminary Examination, University of Berlin, 1949
PAUL RICHARD KLEIN, A.B., 1949
JAMES FREDERICK PHELAN, B.S., United States Naval Academy, 1940
TI YEN, B.S., National Chiao Tung University, 1944; M.S., 1949

In Philosophy

TILLMAN ROSS BRADDY, JR., A.B., Knox College, 1949
VICTOR GEORGE CICIRELLI, B.S., University of Notre Dame, 1947
LAWRENCE LINDLEY HAWORTH, A.B., Rollins College, 1949

In Physics

MICHAEL JUDA GLAUBMAN, M.S., Hebrew University (Jerusalem), 1947

In Political Science

LUCIUS JEFFERSON BARKER, A.B., Southern University, 1949
ROBERT ASHLEY BOWERS, B.S., Illinois State Normal University, 1949
LAWRENCE SHERWIN FRIEDMAN, A.B., Roosevelt College, 1949
ROBERT SIDNEY FRIEDMAN, A.B., Hopkins University, 1948
WILLIAM ATHANAS GINOS, A.B., LL.B., 1942, 1948

ROBERT ALLEN HORNER, A.B., 1949
FRANK WILLIAM NEUBER, A.B., Beloit College, 1949
HAROLD BROWN SIMPSON, B.S., 1940

In Psychology

RALPH EUGENE FLEXMAN, A.B., 1942
NORMA DORENE LOWRY, B.S., 1949
THOMAS ALAN PAYNE, B.S., University of Maryland, 1947
DORIS INNES STRAUS, B.S., 1948

In Social Sciences

CARL ANTON GUNDERSEN, JR., A.B., Wheaton College, 1949
JAMES S. ROBINSON, A.B., Roosevelt College, 1949
RICHARD SCHALLER, B.S., 1948
NORMAN KENNETH SOLOMON, B.S., 1948
FRANCIS PLUMMER SQUIBB, JR., A.B., Dartmouth College, 1949
JOSEPH STRICKLAND, JR., A.B., Knoxville College, 1949

In Sociology

HENRY FRANCIS GILMORE, B.S., Florida Agricultural and Mechanical College, 1943
ARNOLD ANTHONY SIO, A.B., Beloit College, 1944; A.M., University of Chicago, 1946

In Spanish

JOAN BALDRY, A.B., 1947
HAROLD LAVERNE BOUDREAU, A.B., 1948
DAVID ESCOBAR, A.B., Miami University, 1948
EBBA ANDERSON HANSEN, A.B., DePauw University, 1925
CARMEN IGLESIAS, Bachiller, Colejio 2^{e} Ensenanza, 1923
CARMEN LOPEZ MANZANARES, A.B., University of Madrid, 1947
CAROLYN LUCILLE RUDORF, A.B., 1948
MARY LOU STOVER, A.B., 1949

In Speech

ROBERT STEWART BRUBAKER, B.S., 1948
MARJORIE MARIE SMITH, B.S., 1949
STANLEY ALBERT WEESE, A.B., University of Minnesota, 1948

In the Teaching of English

EILEENE LOUISE DAEHLER, A.B., 1947
GEORGE ELMER FOGLEMAN, B.S., Eastern Illinois State College, 1949

In the Teaching of French

PHILIP DRAGO, A.B., 1948

In the Teaching of Social Studies

MAX BRODES, B.S., New York University, 1949
WILLIAM WARD GILES, A.B., McPherson College, 1948
JOHN WESLEY KERR, A.B., Wheaton College, 1949
ROSABEL RASMUSSEN, A.B., Carthage College, 1949
FAYE LEVEY SCHWARTZ, B.S., 1949

In the Teaching of Speech

ARNOLD HENRY ZAESKE, A.B., Elmhurst College, 1949

Degree of Master of Science

In Accountancy

HARRY JOSEPH JACOBS, B.S., 1948
LOUIS WAYNE MATUSIAK, B.S., 1949
ROY MILTON MCCOLLOM, JR., B.S., 1949
JAMES CLAYTON MILLER, B.S., Southern Illinois University, 1949
HASSEL VADEN STREETMAN, B.B.A., Baylor University, 1943
VERNON KENNETH ZIMMERMAN, B.S., 1949

In Aeronautical Engineering

PAUL WILLIAM BORN, B.S., 1949
HENRY JOSEPH HIRTZER, B.S., 1949
JOSEPH MARVIN ZABINSKY, B.S., 1949

In Agricultural Economics

KENNETH VERNIE BATTLES, B.S., Ohio State University, 1926
HAROLD DANIEL GUITHER, B.S., 1949
LYNN GOOCHEY SLEIGHT, B.S., Utah State Agricultural College, 1948
RAYMOND CLARIS SMITH, B.S., University of Missouri, 1949

In Agricultural Engineering

HOWARD HUNNICUTT, B.S., University of Georgia, 1949
ROBERT PAUL KAY, B.S., University of Tennessee, 1948

In Agronomy

DONALD DWIGHT DICKENSON, B.S., 1949
HAROLD WESLEY GAUSMAN, B.S., University of Maine, 1949
MAURICE QUENTIN GODLEY, B.S., North Carolina Agricultural and Technical College, 1940
HERBERT HENRY GOLDEN, B.S., Virginia State College, 1949
HAROLD HARRISON HARDIN, B.S., 1949
WILLIAM DANFORTH HAVEN, B.S., 1949
JOHN WILLIAM KETCHESON, B.S.A., Ontario Agricultural College, 1944
ELLIS GILBERT KNOX, B.S., 1949
BURTON WILEY RAY, B.S., 1943
JAMES RAY WILLIS, B.S., 1949

In Animal Science

JOHN ELDON COBB, B.S., 1949
ALDON HOMAN JENSEN, B.S., 1949
HYRUM STEFFEN, B.S., Utah State Agricultural College, 1937

In Architectural Engineering

OLIVER LEON HERRICK, B.S., 1949

In Bacteriology

CASTELLA BURNLEY, B.S., University of Louisville, 1948
EUGENE NOAH FOX, B.S., 1949
LEONARD GRAIVIER, B.S., 1949
RICHARD AARON GREENBERG, A.B., 1948
HARVEY JACOBS, B.S., 1947
RAYMOND LESTER JACOBS, B.S., 1949
NICHOLAS MENOLASINO, B.S., Northwestern University, 1947; M.S., 1948
MOHAMMED HASHIM SAFI, B.S., Science College (Kabul), 1946
EMIL HENRY SANDROLINI, B.S., 1949

In Botany

CHARLES DONALD GRIFFIN, B.S., Butler University, 1948
CHENG-LEE LEE, B.S., National Southwest Associated University, 1943

In Ceramic Engineering

ROBERT JENNINGS BEALS, B.S., 1947
SITARAM VASUDEV BHATYE, B.S., Royal Institute of Science, 1941; B.S., University of Bombay, 1943
ROBERT STEPHEN DEGENKOLB, B.S., 1949
ROBERT JOHN MCEVOY, B.S., 1947
WILLIAM JOHN MEID, B.S., 1945
FRANK GABRIEL RECNY, B.S., 1948
SHRIKRISHNA CHIDAMBAR SANE, B.S., Benares Hindu University, 1944; B.S., Nagpur University, 1946
HARLAN PERRY TRIPP, B.S., 1949
TRACY ALMER WILLMORE, JR., B.S., 1941

In Ceramics

GIRINDRANATH BARPUJARI, B.S., Cotton College (India), 1937; M.S., University Science College, 1939
DARSHAN SINGH CHABHAL, B.S., Sikh National College, 1944; M.S., Forman Christian College, 1945
VARTHAKAVI KRISHNA MOORTHY, B.S., M.S., Andhra University, 1944, 1946

In Chemical Engineering

SATYESH CHANDRA BANERJEE, B.S., M.S., Calcutta University, 1943, 1945
ELEUTHERIOS TED HOUVOURAS, B.S., West Virginia University, 1944
WILLIAM ARTHUR JUNK, JR., B.S., Pennsylvania State College, 1948
CLAUDE EUGENE MCLEAN, JR., B.S., Pomona College, 1948
LU-HO TUNG, B.S., National Tsing Hwa University, 1948

In Chemistry

LILA MARIE BERGMAN, B.S., Rosary College, 1949
WILLIAM ALVIN BUSCH, B.S., St. John's University, 1949
WILLIAM WRIGHT CAMPBELL, B.S., Eastern Illinois State College, 1949
JAMES WILLIAM CURRY, A.B., James Millikin University, 1949
ANTON EARL ERICKSON, B.S., Ph.D., 1941, 1948
HAROLD HERSCHEL HUGHART, B.S., University of Idaho, 1948
HOMER TALCOTT KNIGHT, B.S., Northern Illinois State Teachers College, 1947; A.M., Colorado State College of Education, 1948
RUTH EVALENE KOSKI, B.S., Michigan State College, 1947
LEONA SCHAFER MAKO, A.B., Flora Stone Mather College, 1947
PETER LOUIS MARTESE, B.S., Queens College, 1949
WILLIAM MARCUS NOLAN, B.S., 1949
CLIFFORD RAYMOND NOLL, JR., A.B., Brown University, 1944
ERIC NIELS SLOTH, B.S., 1949
JOHN MORROW STEWART, B.S., Davidson College, 1948
ROBERT HAROLD VAN NOTE, B.S., Eastern Illinois State College, 1949

In City Planning

CHARLES EDWIN AGUAR, B.S., 1949
RICHARD EDWIN ARMS, B.S., 1949
WAYNE CALVERT DEPEW, JR., B.S., 1949
EARL CHARLES GOETSCH, B.S., 1949
HARAGOVIND KALIDAS MEWADA, Diploma Architecture, Kala Bhavan Technical Institute, 1944; B.Arch., M.Arch., Cornell University, 1949, 1949

In Civil Engineering

EDDY ISAK BENMUVHAR, B.S., Robert College, 1944
JAMES ROBERT BISSETT, B.S., University of Texas, 1941
WILLIAM THOMAS BRADLEY, B.S., United States Military Academy, 1939
SAI-PAK CHAN, B.S., Lingnan University, 1943
YUEH CHEN, B.S., Hangchow Christian University, 1942
DAVID BALDWIN CONARD, B.S., United States Military Academy, 1943
ATALAY COSKUNOGULLARI, B.S., University of Kentucky, 1949
FRANKLIN RICHARD DAY, B.S., United States Military Academy, 1946
DAVID ARTHUR DUFF, B.S., 1949
LENARD MORRIS GABERT, B.S., Agricultural and Mechanical College of Texas, 1949
MUZAFFER GOCEK, B.S., 1949
MATHIAS ERWIN HOFFMAN, JR., B.C.E., Georgia School of Technology, 1948
CARL HENRY KOONTZ, B.S., 1948
NAT WETZEL KRAHL, A.B., B.S., Rice Institute, 1942, 1943
BURTON A. LEWIS, B.S., Illinois Institute of Technology, 1948
NORMAN LARY LIVER, JR., B.C.E., Alabama Polytechnic Institute, 1948
HENRY MALTER, B.S., College of the City of New York, 1930
NIKITAS CONSTANTIN MANITSAS, B.S., United States Military Academy, 1945
ROBERT EDWARD MATHE, B.S., United States Military Academy, 1943
RICHARD GLENN PATTON, B.S., United States Military Academy, 1946

OWEN RICHMOND, B.S., Bradley University, 1949
KARL FRANCIS SCHMIDT, B.S., University of Wyoming, 1949
SATOSHI DON SHIMAZU, B.S., Rose Polytechnic Institute, 1949
JAMES REDDING SIMS, B.S., Rice Institute, 1941
MARIO GONZALO SUAREZ, Civil Engineer, Universidad de la Habana, 1948
WILLIAM CARL TREFZ, B.S., United States Military Academy, 1945
ANDREAS CHARLES WACKERNAGEL, Diploma, Swiss Federal Institute of Technology (Zurich), 1948
RAY MOORE WAGONER, JR., B.S., United States Military Academy, 1946
JAMES DANSBY WALL, B.S., University of Mississippi, 1943
DONAL JOSEPH WOLF, B.S., United States Military Academy, 1945
APOSTOL YANOGLU, B.S., Robert College, 1948

In Clinical Psychology

CHARLES LEWIS BALDWIN, A.B., DePauw University, 1947
EDWARD SIDNEY EPSTEIN, B.S., 1947
BETTY JANE FLABB, A.B., Park College, 1947
JANE LEE HARDING, A.B., University of Rochester, 1948
AUSTIN CLAUD HERSCHBERGER, B.S., Columbia University, 1948
ARTHUR KANDEL, B.S., College of the City of New York, 1948
MELVIN KRAMER, A.B., New York University, 1948
JOHN COE LANGDON, A.B., James Millikin University, 1947
VICTOR SAMUEL LEBOW, A.B., Kansas University, 1945
MARY AGNES PRZYPYSZNY, B.S., 1948
WARREN LESLIE SMITH, B.S., Bradley University, 1947

In Dairy Science

ROYCE ADAMS BREEDLOVE, JR., B.S., University of Georgia, 1949
JAMES ATKINSON PRESCOTT, JR., B.S., University of Georgia, 1949

In Dairy Technology

EDWIN ARTHUR BERNARDONI, B.S., 1948

In Economics

JEAN MARGARET LUCINDA MANN, B.Com., University of Toronto, 1946
NORBERT GERHARD MCCABE, B.S., 1949
ARTHUR SETRAK SAMOORE, B.S., 1931
THOMAS NOEL WOOD, A.B., Cambridge University, 1949

In Education

CHARLES WALTER ALLEN, B.S., Southern Illinois University, 1949
UREY BURKE ARNOLD, JR., B.S., Olivet Nazarene College, 1949
LAVERE LOUIS ASTROTH, B.S., 1942
CLAUDE WILLIAM BAKER, B.S., 1949
JOHN ROBERT BARTLEY, JR., B.S., 1948
DELSIA BEASLEY, B.S., Southern Illinois University, 1947
RUSSEL EDWARD BENWAY, B.S., Illinois State Normal University, 1947
DOUGLAS BLAKELEY, B.S., Illinois State Normal University, 1947
BEATRICE JORDAN BOOSE, B.S., Alcorn Agricultural and Mechanical College, 1947
SIDNEY SELVIN BOOSE, B.S., Alcorn Agricultural and Mechanical College, 1949
H. LEVI BROWNING, B.Ed., Southern Illinois University, 1937
ROBERT LEON BUCHANAN, B.S., 1949
JAMES NATHANIEL BUSCH, B.S., Lincoln University, 1941
SHERELL EUGENE CAMPBELL, B.S., Southern Illinois University, 1949
ROBERT LEE CAVITT, B.S., 1949
LAWRENCE CLARK CHRISTOPHER, B.Ed., Eastern Illinois State College, 1940
WILMA DEAN COHLMEYER, B.S., Southern Illinois University, 1945
SAMUEL DARRELL CRISP, B.S., Eastern Illinois State College, 1949
ROBERT EDWIN DAGNER, B.S., 1933
JAMES ROBERTSON DEMOREST, B.S., 1936
PAUL EDWARD DITTMAN, B.S., New York State College for Teachers, 1938

JOHN RICHARD DOHERTY, B.S., 1949
MAJOR DRAKE, B.S., Eastern Illinois State College, 1949
NEWTON KENNETH DRUMMOND, B.Ed., Eastern Illinois State College, 1941
WILLIAM RAYMOND DUKE, B.S., 1947
MERRILL THOMAS DUNN, B.Ed., Eastern Illinois State College, 1939
JAMES JUNIOR EASLEY, B.S., 1949
ALBERT HENRY ECKERT, B.S., Eastern Illinois State College, 1948
JOHN HOFFMAN EGGLESTON, B.S., Indiana State Teachers College, 1949
RALPH RICHARD ELTOFT, B.S., 1947
ORVAL CLEO FLOYD, B.S., 1938
CHARLES LELAND GALBRAITH, B.S., Northwestern State College, 1945
RUSSELL BURNETT GEIST, B.S., 1934
JOHN MARIO GENINATTI, B.S., 1939
JUANITA GREENE GILMORE, B.S., Florida Agricultural and Mechanical College, 1946
WALDO GRIGOROFF, B.S., Southern Illinois University, 1949
EVELYN AUDITHA GRIMES, B.S., 1949
RALPH AMBROSE GUTHRIE, B.S., 1940
ALBERT LEANDER HALL, JR., B.S., 1949
FRED ELROY HARVEY, B.S., 1949
EDITH HOKE HICKENLOOPER, B.Ed., Illinois State Normal University, 1940
JOHN WESLEY HODGES, B.S., Olivet Nazarene College, 1949
THELMA MARIE HOLLAND, B.S., Illinois State Normal University, 1948
RICHARD EARLE HULET, B.S., 1947
ALICE ELIZABETH HYDE, B.S., Eastern Illinois State College, 1944
JACQUELINE QUIGLEY KARCH, B.Ed., Illinois State Normal University, 1943
EARL ROBERT KOGEN, B.S., 1947
ELMER BOHUMIL KOSTKA, B.S., 1949
ARTHUR FRANCIS LAMBERT, B.S., 1944
DOROTHY LEQUATTE, A.B., 1949
JAMES EVERTE LESTER, B.S., Western Illinois State College, 1949
ARLIE VERSCILE LINCKS, B.S., Eastern Kentucky State College, 1949
PATRICIA LAURA MACY, B.Ed., Illinois State Normal University, 1942
WILLIAM JOSEPH MANNING, B.S., 1949
WILLIAM BAGBY MARGRAVE, B.S., Central Y.M.C.A. College, 1944
MAX NEIBERG, B.S., 1949
RALPH EDWARD OHM, B.S., Eastern Illinois State College, 1949
JOSEPH CANNON PAYNE, B.S., 1949
HARRIET NORMA PERRY, B.S., 1946
BEDE ESTELLE PIERCY, B.S., 1947
MARTIN LAVAUGHN PINKSTAFF, B.S., 1949
EMMA LEE CRAFT PRICE, B.S., Northwestern University, 1948
INEZ IONE PROCTOR, B.Ed., Illinois State Normal University, 1942
WILLIAM JOHN RANDLES, B.S., 1936
HAROLD EUGENE RANKIN, Ph.B., Illinois Wesleyan University, 1949
WILLIS CALVERT RARDIN, JR., B.Ed., Eastern Illinois State College, 1947
MILDRED PAULINE REEL, B.Ed., Western Illinois State College, 1942
FRED PAUL RITTSCHOF, B.S., 1940
JAMES HARVEY ROBBINS, A.B., 1949
EDWARD LYLE ROOT, B.S., Pennsylvania State College, 1949
GIL FRANCO SAGUIGUIT, B.S., University of the Philippines, 1947
KATHRYN DIVELY SEAMAN, B.S., Eastern Illinois State College, 1944
GERALD GEORGE SHAFER, SR., B.S., Eastern Illinois State College, 1947
ROBERT LYNN SHEETS, B.S., Eastern Illinois State College, 1947
WALTER DAVIS SMITH, JR., B.S., Southwest Missouri State College, 1948
WILLIAM DALE SNELL, B.Ed., Illinois State Normal University, 1934
STANLEY ANTHONY SOWA, B.S., Northern Illinois State Teachers College, 1949
JAMES SPENCER STAHL, B.Ed., Eastern Illinois State College, 1939
VERNON EDWIN STAHNKE, B.S., 1949
GEORGE SAMUEL STEWART, B.S., Stout Institute, 1934
JOHN MILTON STRAHL, B.S., Taylor University, 1949
ARNOLD MAETZOLD TAUBE, A.B., Augustana College, 1946
RICHARD MARTIN THOMPSON, B.S., 1948

ROBERT HELMUT TOBER, B.S., 1949
GEORGE RIAL WALKER, B.S., 1948
LOIS SIGNE WARNER, B.S., 1949
LUCIEN DAVID WISE, B.S., 1949
HENRY EDWARD WRIGHT, B.S., Eastern Illinois State College, 1946
ALBERT GEORGE ZIMMERMAN, B.S., 1948

In the Education of the Deaf

PATRICIA JANE IRVINE, B.S., 1949
CHARLES JOSEPH STANDLEY, A.B., Illinois College, 1949
JAMES HAROLD STARK, A.B., Illinois College, 1940
BARBARA ELLEN WEIL STEPHENS, A.B., Roosevelt College, 1944

In the Education of Mentally Handicapped Children

MILDRED WEPPLER ERDMAN, B.S., 1946
GEORGE PAUL RICCIO, B.S., 1949
BARBARA JANE SPESARD, A.B., MacMurray College, 1949

In Electrical Engineering

HENRY OLIVER BARTON, B.S., 1949
JOHN MCNAIR BELL, B.S., 1948
GEORGE FRANCIS BLAND, B.S., Brown University, 1948
HARRINGTON COOPER BREARLEY, JR., B.E.E., Georgia Institute of Technology, 1946
WILLIAM KAJNATH BROOKSHIER, B.S., 1949
LLOYD ORLANDO BROWN, JR., B.E.E., Ohio State University, 1943
DONALD RAY BURGENER, B.S., 1949
KAY NEIL BURNS, B.S., University of Oklahoma, 1949
RICHARD CHAPMAN CARNES, B.S., United States Military Academy, 1945
LEWIS JOHN CRAFT, JR., B.S., 1949
DARRELL ELMER CRISS, B.S., Rose Polytechnic Institute, 1943
PAUL MORTON DASHER, B.S., 1949
DOUGLAS LIPP DEAL, B.S., United States Military Academy, 1943
NED ROYAL DICKSON, A.B., University of Nevada, 1940
CARL JAMES DORRENBACHER, B.S., Purdue University, 1949
DALLAS EVERETT ERICKSON, B.S., Kansas State College, 1949
EDWARD WILLIS ERNST, B.S., 1949
GEORGE JOSEPH FALKENBACH, B.E.E., University of Dayton, 1948
NORMAN FARRELL, B.S., United States Military Academy, 1939
CHARLES HENRY FISCHER, A.B., Brooklyn College, 1946
MARVIN FISHER, JR., B.S., Washington University, 1947
JOHN ABRAM FUNK, B.S., University of Manitoba, 1946
RAY DORRIS GLASCOCK, B.S., 1949
THOMAS ROBERT GLEASON, B.S., United States Military Academy, 1945
ALLAN HOWARD GOTT, B.S., 1949
JAMES ROBERT HOWARD, B.S., 1949
EDWIN LAWSON HUGHES, B.S., University of Missouri School of Mining and Metallurgy, 1949
WARREN THEODORE HUNTER, B.S., 1949
ERNEST DELOY JERNIGAN, JR., B.S., United States Military Academy, 1946
LEONARD MYRON KAMINSKY, B.S., 1949
BAHMAN KERSASP KANGA, B.S., Benares Hindu University, 1948
FREDERICK JOHN KNAUSS, B.S., United States Military Academy, 1947
ALBION WILLIAMSON KNIGHT, JR., B.S., United States Military Academy, 1945
GEORGE LOUIS KVITEK, B.S., 1949
ALAN HOWARD LUBELL, B.S., College of the City of New York, 1944
ROY EDWARD LUDWIG, B.S., University of Manitoba, 1946
JOE FENTON LUSK, B.S., United States Military Academy, 1946
ROBERT LESLIE MARBEN, B.S., United States Military Academy, 1945
DON CARLIN MILLER, B.S., 1949
THOMAS CLINTON MUSGRAVE, B.S., United States Military Academy, 1945
JAMES PRESTON NEAL, E.E., University of Cincinnati, 1930

ANSON HENRY RUSSELL, B.S., Case Institute of Technology, 1949
ROBERT EUGENE SANDIFORD, B.S., New Mexico Agricultural and Mechanical College, 1949
ROBERT KEITH SAXE, B.S., Northeastern University, 1936
WILLARD ARTHUR SCHAAF, B.S., 1949
JAMES HENRY SCHUSSELE, B.S., 1949
HARRY DEGAN SMITH, JR., B.S., 1949
TALMAGE EUGENE SOLLENBERGER, B.S., M.S., University of Oklahoma, 1937, 1940
YAU CHIEN TANG, B.S., National Chiao Tung University, 1948
GEORGE HENRY TROXELL, JR., B.S., United States Military Academy, 1945
ALBERT GODFREY WARD, B.S., 1949
MACK ROSS WILLIS, B.S., 1949
ROBERT SWERN WISEMAN, B.S., 1948
HIROSHI YOKOHAMA, B.S., Keio University (Japan), 1949
FREDERIC LOUIS ZEISLER, B.S., 1948

In Geography

EARL RUSSELL WILLIAMS, A.B., Syracuse University, 1949

In Geology

JOHN ALFRED AMES, A.B., University of Denver, 1941
WILLIAM STONE CALDWELL, A.B., College of Wooster, 1948
HOWARD ROSS CRAMER, B.S., 1949
RAYMOND SCOTT SHRODE, B.S., Monmouth College, 1941
GENE FRANCIS TOM, B.S., 1946

In Home Economics

WINONA MORELLE BROWER, B.S., Cornell University, 1943
ANITA MAE RICE, B.S., 1948

In Home Economics Education

ADA LEE LEGGETTE WILSON, B.S., Alcorn Agricultural and Mechanical College, 1945

In Horticulture

PAUL RAYMOND HEPLER, B.S., Michigan State College, 1948
LOUIS FRAZIER MARTIN, B.S., Maryland State College, 1940
EDWARD WILLIAM MELVIN, B.S., A.B., Southern Illinois University, 1948, 1948

In Journalism

ROBERT JOHN CARROLL, A.B., Cornell College, 1949

In Library Science

YEATMAN ANDERSON, III, A.B., University of Cincinnati, 1948
DALE LOCKARD BARKER, B.E.E., Georgia Institute of Technology, 1949
LETTIE CAROLINE JONES BARKER, B.S., Murray State Teachers College (Kentucky), 1948
HOWARD BERENSON, A.B., University of California, 1948
GEORGE CHASE, A.B., George Washington University, 1948
THOMAS SHERMAN CLEVELAND, A.B., Washington University, 1948
MARION CRESAP CRAMER, B.S., Ohio State University, 1930
AUDREY COVELLE GEORGE, A.B.(L.S.), University of Oklahoma, 1944; A.B., Central State College, 1946
CHARLES EDWARD HAGGERTY, A.B., A.M., Brigham Young University, 1939, 1946
RUTH WHITE HILL, A.B., 1943
RALPH HARVEY HOPP, B.S., University of Nebraska, 1943
CHIZUKO ISHIMATSU, A.B., College of St. Mary-of-the-Wasatch, 1945
BARBARA ROSE JEFFERY, Ph.B., Marquette University, 1948
ELIZABETH DAMARIS KESSLER, A.B., Mary Washington College of the University of Virginia, 1948
KEITH COFFMAN KNIGHT, A.B., University of Tennessee, 1945; B.S.(L.S.), 1946

KIKUE RUTH KUMATA, A.B., Augustana College, 1949
GENEVIEVE JUNE LABB, A.B., Indiana University, 1938; B.S., 1939
CHARLES RAYMOND MACHOVEC, A.B., A.M., University of Nebraska, 1947, 1948
HUSTON ELLIS MOUNT, B.S., Principia College, 1948; M.S., Northwestern University, 1949
CAROLINE MATILDA PISCITELLO, A.B., Nazareth College, 1949
DOROTHY EDWARDS POWERS, A.B., Vassar College, 1917; A.M., University of Chicago, 1939
VICTOR SCHORMANN, A.B., 1948
STEWART PEDEN SMITH, A.B., Presbyterian College, 1937; B.S.(L.S.), George Peabody College, 1947
LEAH CAROLYN TEAGUE, B.S., Purdue University, 1949
CHIU CHU WANG, A.B., Hwa Nau College, 1927
FRANCES LUCILE WATKINS, A.B., Denison University, 1948
JAMES BAYLY WOY, A.B., West Virginia University, 1949

In Management

EDWARD RAYMOND AMBROSE, A.B., University of Michigan, 1949
ROBERT HENRY RIGGS, B.S., University of Louisville, 1949

In Marketing

LESLIE BRAVERMAN, B.S., 1949
DONALD GENE HALPER, A.B., 1948
PETER RUDOLPH NATZKE, B.S., DePaul University, 1949

In Mathematics

EARL DUANE EYMAN, B.S., 1949
ALVIN VINCENT FEND, B.S., 1949
JULIUS HONIG, B.S., University of Michigan, 1949
ROBERT ELSWORTH MONTGOMERY, B.S., Grove City College, 1948
VICTOR E. PRATT, B.S., 1949
ORVILLE MILLARD RICE, B.Ed., Eastern Illinois State College, 1942
WILLARD GLADE WARRINGTON, B.Ed., Western Illinois State College, 1941; M.S., 1949
RICHARD GATES WILLIAMS, B.S., United States Military Academy, 1937

In Mechanical Engineering

JAKOB ARONCZYK, B.S., 1949
ALBERT WILLIAM BERG, B.S., 1949
FEDERICO BARROS DEMARCHI, M.E., University Santa Mariá (Valparaíso), 1948
PHILLIP BROCK DOLL, B.S., 1949
JAMES JOSEPH FISHMAN, B.S., 1949
CESARIO TIMBOL FLORO, B.S., 1949
LEON RONALD HENRY, JR., B.S., 1949
JAMES LINDSAY LEACH, B.S., University of Mexico, 1942
DAVID FREDERICKS MEYER, B.S., 1949
MIAO YUNG MIAO, B.S., North Carolina State College, 1949
JULIAN EDWIN SJORDAL, B.M.E., University of Minnesota, 1949
LIANG-NENG TAO, B.S., National Chiao Tung University, 1949

In Music Education

NORMA WESNER BRUCE, B.Mus.Ed., Illinois Wesleyan University, 1944
LEO JOHN CHRISTY, B.S., University of Indiana, 1939; B.S., 1941
MARVIN LEE COHLMEYER, B.Mus., Murray State Teachers College (Kentucky), 1949
FRANK DUFOUR, B.S., 1949
JOHN JAMES HAYNIE, B.S., 1949
FRED MANNING HUBBELL, B.Mus., 1949
LEROY OSCAR KIRSCH, B.S., 1949
ROBERT LLOYD OPPELT, B.S., 1949
SAMUEL WESLEY SANNER, B.Mus.Ed., James Millikin University, 1949
ELMER HERMAN SIMON, B.S., Kansas State College, 1949
NORMA LOIS TEDFORD, B.S., 1948
MAURICE MILTON WILLIS, B.Ed., Southern Illinois University, 1936

In Physical Education

CHARLES EUGENE ANDERSON, B.S., Eastern Illinois State College, 1949
EVERETT JOSEPH BROOKS, B.S., 1946
FRED OLIVER BRYANT, B.S., Springfield College, 1949
DIXON BAKER KEYSER, B.S., 1940
ALLEN DALE LACKY, B.S., 1942
JUNE MARILYN MACABEE, B.S., State University of Iowa, 1947
LIONEL WILLIAM MILLER, B.S., Indiana University, 1949
LORRAINE MIESCHKE NIELSEN, B.S., 1945
HUGH FELIX REDDEN, B.S., Murray State Teachers College (Kentucky), 1947
CLEO HAZEL ULM, B.S., Southern Illinois University, 1946
HAROLD PARK WELLS, B.S., Springfield College, 1948
FRED F. ZANDIER, B.S., 1949

In Physics

RUSSELL MARTIN BALL, B.S., 1949
FRANK SHILLING EBY, B.S., 1949
MEYER GARBER, B.S., University of Pennsylvania, 1949
NELSON THOMAS GRISAMORE, B.S., 1948
JAMES WEDD HENDERSON, B.S., Ph.B., University of Chicago, 1948, 1949
DONALD FRANK HOLCOMB, A.B., DePauw University, 1949
FREDERICK EUGENE MILLS, III, B.S., 1949
WILLIAM FREDERICK MUNROE, B.S., Harvard University, 1949
ALAN HESS PHILLIPS, B.S., Illinois Institute of Technology, 1949
JAMES VALENTINE RYAN, B.S., 1949
IRA WEISSMAN, B.S., 1949
BERNARD WIEDER, B.S., Columbia University, 1949

In Physiology

HAROLD WILLIAM DISERENS, B.S., Sam Houston State Teachers College, 1948
ANDREW A. PANDAZI, B.S., Loyola University, 1948

In Plant Pathology

MARTIN S. CELINO, B.S., M.S., University of the Philippines, 1929, 1941
CHESTER FORREST CHEW, B.S., 1940

In Sanitary Engineering

WALTER HAROLD JOLLIE, B.S., 1940

In Speech Correction

ROBERT JAMES DROLET, B.S., Eastern Illinois State College, 1949

In the Teaching of the Biological Sciences and General Science

LOUIS HERMAN ASHER, B.S., 1949
BYRON GEORGE BERNARD, B.S., 1949
MARVIN ALLEN BROTTMAN, B.S., Roosevelt College, 1949
CAROLYN HENNING DEGENKOLB, B.S., 1949
HOWARD MARTIN FRANKLIN, B.S., 1934
DEWITT GARRETT, JR., A.B., Harding College, 1947
GEORGE HARRIS LANGELER, B.S., Elmhurst College, 1949
CLARENCE FRANCIS MATHER, B.S., North Central College, 1949
KENNETH SPENCER STORM, B.S., 1949

In the Teaching of Mathematics

WILLIAM FRANK CERVENKA, B.S., 1949
MARY CATHERINE MCMILLION, A.B., Pennsylvania State College, 1946
FLOYD ALBERT OLSEN, B.S., 1948
RUTH ELIZABETH SPRANKEL, B.S., Southern Illinois University, 1949
VIRGINIA VOGELSANG, B.S., Illinois Wesleyan University, 1949

In Theoretical and Applied Mechanics

CHE-TYAN CHANG, B.S., National Chiao Tung University, 1943
WALTER SANFORD HYLER, B.M.E., Rensselaer Polytechnic Institute, 1948
TRAVIS CARL JAMES, B.S., 1949
WILLIAM BURTON SANDERS, JR., B.S., Purdue University, 1938
MONTGOMERIE CHRISTIE STEELE, B.S., Glasgow University, 1944
HARRY ROHLFS WETENKAMP, B.S., 1942

In Vocational Agriculture

ELLERY LOUIS KNAKE, B.S., 1949
RICHARD EARL PARETT, B.S., 1949

In Zoology

ROBERT BRETON CHIASSON, A.B., Illinois College, 1949
JOSEPH MICHAEL DYMIT, JR., B.S., 1949
MARSHALL BLACKWELL EYSTER, B.S., University of Chicago, 1945
PAUL WILLIAM FRANKENSTEIN, A.B., Stanford University, 1948
LOTTIE OWEN HARVEY, B.S., Southern Illinois University, 1946
LOUIS HILDEBRAND, B.S., 1949
IRENE VERA HOELZEL, B.S., 1947
EDWARD BRUCE HOLMES, B.S., Kansas State Teachers College, 1948
ROBERT WILLIAM HULL, B.S., 1949
STEPHEN EVERETT MCPHERSON, B.S., Southern University (Baton Rouge), 1949
MABEL CLARK PATERSON, A.B., Southern Illinois University, 1948
MARTIN SACKS, B.S., College of the City of New York, 1949
BERNARD SESKIND, B.S., Central Y.M.C.A. College, 1942; M.S., DePaul University, 1945
ROBERT KENDRICK STUBBS, B.S., 1948
EDWARD ARTHUR TEHLE, JR., A.B., North Central College, 1949

Degree of Master of Fine Arts

In Art Education

GLENN RAYMOND BRADSHAW, B.S., Illinois State Normal University, 1947

In Painting

JAMES GEORGE JAMESON, B.F.A., Washington University, 1949
LEON MORGENSTERN, B.F.A., Syracuse University, 1949
WILLIAM TODD MOSES, A.B., 1939
LEOPOLD BERNARD SEGEDIN, B.F.A., 1948

Degree of Master of Music

DAVID JONES BOWEN, B.Mus., 1948

COLLEGE OF LAW

Degree of Bachelor of Science

In Law

MYRON ABERMAN ASH
FREDERICK ROBERT BRISTOL
FRANKLIN HAYS BYERS
PERRY GUS CALLAS
KEITH EUGENE CAMPBELL
RICHARD EUGENE GILLAN
MORTON ALEXANDER GORDON
ROBERT LOUIS HANSON
EDWARD JAMES HARRISON
FRED JOHN KANNMACHER
HARRISON HOWARD KAVENSKY
CARL WESLEY LEE
RAYMOND LESTER LEE, JR.
JOHN ELWOOD POPHAM
JAMES KENT ROBINSON
LLOYD ARNOLD THOLEN

Degree of Bachelor of Laws

JOHN PAUL APLINGTON, B.S., 1949
MAURICE ALBERT BENDES, B.S., 1949
RICHARD EKSTROM CARLSON, B.S., 1949
KENNETH HOWARD CLAPPER, B.S., 1947
ERWIN COHN, A.B., 1949
ROBERT LELAND DANNEHL
BILLY GENE DAVIS, B.S., Lawrence College, 1948
FRANK BERTRAM DEYO, B.S., 1949
OWEN LEE DOSS
PAUL ROBERT DOTSON
WILLIAM ROBERT DRISCOLL, B.S., 1949
WILLIAM WASHBURN EARLY, A.B., 1948
CHESTER EARL EVANS, B.S., 1949
WILBUR ALLEN EVERINGHAM, B.S., 1949
ARTHUR DAVID GAMBACH, A.B., Buena Vista College, 1938
CLETUS ROBERT HALL
WESLEY GIBSON HALL, with Honors
PAUL EDWARD KARLSTROM, B.S., 1943
JOSEPH ROGER LOWERY, B.S., 1948
HAROLD ARTHUR MILLER, B.S., 1942
DONALD ALAN MITCHELL, A.B., 1949
DONALD RAY MITCHELL, B.S., 1948
JOHN DAVID MORRISEY, JR., A.B., 1947
LEO FREDERICK O'BRIEN
JOHN OLIVERO
LAWRENCE ARTHUR PATTON, B.S., 1949
MARVIN PECHTER, A.B., 1948
RALPH KENNETH PEEK, B.S., 1949
ROBERT CARLISLE PRESTON
OMER THOMPSON SHAWLER
ARTHUR FREDERICK WENDLER, B.S., 1949
LOUIS DAVID WILLIAMS, A.B., Illinois Wesleyan University, 1947
VIVIAN MAY WOOD, B.S., 1948
VAUGHN NOSTE WOODRUFF, B.S., Bradley University, 1949
CHARLES RUSSELL YOUNG, B.S., 1949
EDWARD ZUKOSKY

Degree of Doctor of Law

WILLIAM BURTON DAVENPORT, A.B., 1948; with Honors
IVAN A. ELLIOTT, JR., A.B., 1948; with Honors
NED AARON FLEISHMAN, A.B., 1948
EDWIN NORMAN GUNN, B.S., 1947
JOHN DIETRICH KNODELL, B.S., 1947
JOHN MARTIN LAWLESS, B.S., 1949
WILLIAM MCINTYRE LEWERS, B.S., 1949; with Honors
KENNETH RICHARD SHORTS, A.B., Monmouth College, 1947

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

JOHN RODNEY ABBOTT
DONALD JUDSON ADAIR, with High Honors
JOHN SANFORD ALBIN, with Honors
MALCOLM HERBERT ALEXANDER
HAROLD CARL ALVIN
HAROLD CHARLES ATTEBERY
LAUREN DALE BERGER
CLARENCE ARTHUR BEZIO
FRANK AUSTIN BIRCH
CLARENCE ALLEN BOHLEBER
ALBION DANA BRACKETT, JR.
ROBERT WARREN BRADEN, with Honors
JOHN LAYTON BRADLEY
HOWARD OSCAR BRAMEL
VERNON EDWIN BRISCHKE
CARL WAYNE BRUSH
DONALD LEON BUCKALEW
RALPH DELOS BUSWELL
WILLIAM MARTIN CAMPBELL
RAYMOND CHARLES CANIK
SHERMAN QUINTEN CASE
GEORGE HERBERT CAYWOOD
ROGER KEITH CAYWOOD
BRUCE ALBERT CERLING
CATHERINE MARY CHRISTIE
JOHN RAY CLINE, with Highest Honors
DONALD EVERETT CODE
JOHN ROBERT CORNEILLE, with Honors
WILLIAM FINLEY CORRIE
ROBERT EARL CRAFT
CHARLES HOWARD CRATZ
JOHN WILLIAM CURRY, with Highest Honors
DON B. DAVIS
JOHN WILLIAM DETROY
MARCEL HERBERT DE WAELE
BILLY BOB DRAKE
ROBERT PHILIP DRIVER
JAMES DESMOND DUNN
PHILIP ELLSWORTH EDGERLEY
SCOTT DONALD ERICKSON, with Honors
RICHARD KARLTON EUBANKS
ARTHUR PAUL EYMANN
JOSEPH LEE FAIRBAIRN

JUDSON WESLEY FAW, with Honors
PAUL HAROLD FINKENBINDER
WILLIAM ALBERT FORTSCHNEIDER
JOSEPH EMERY FOSTER, with Honors
FREDERICK SCHERBER FRANK
DONALD K. FREEBAIRN, with High Honors
PAUL GEORGE FRIEDEL, with Honors
ROBERT EUGENE FRITZ
WILLIAM HAND FULLERTON, with Honors
VICTOR MORTON FUNK
HOWARD RYAN GALE
THOMAS BERNARD GLEASON
LESTER EARL GOODHEART
GERALD WILLIAM GOOK
ROBERT LOUIS GORECKI, with Honors
THOMAS JAMES GREEN
JOHN VICTOR HACKERSON
ROBERT HILLERY HAMILTON, JR., with Honors
PAUL MAGNUS HANSELMAN
RALPH EUGENE HARMON
ARCHIE EVERETT HARPER, with High Honors
JACK IRVIN HARTLEY, with Honors
LENARD FRED HECKERT
ROGER WAYNE HEMKEN, with High Honors
ROBERT ALLEN HENN
ERMA WANDALENE HILL
ALBERT HINRICHS, JR.
JAMES ROBERTS HOLBERT, with Honors
CHARLES OLIVER HOOKS
WILLIAM ROSS HOSTETTER
EVERETT HRUBANT
JAMES LEX HUMPHREYS
RALPH MATHIAS HUNTER
HUGH ALDEN HURT
WALLACE WOLEVER HUTCHISON
GEORGE RONALD IFTNER
GLENN KARL IODER
ROBERT HENRY IRVIN
HUBERT ROBERT JACOBS
LAVERNE AUGUST JENNE
MELVIN WALTER JOHNSON, JR.
ROGER DAVID JOHNSON
WAYNE DONALD JONES
DONALD JOHN FREDERICH JORDING
ROLAND ROBERT KANE
LOUIS AARON KAWESCH
JOHN FLETCHER KEENEY, with Honors
FRED JOHN KILLAM, with Honors
ARDELL WRIGHT KIMMEL
EDWARD MAURICE KIMMELSHUE
WILLIAM KIRCHHOFER, JR., with Highest Honors
MERTON WALTER KLEMM
EDWARD WILLIAM KOENIGSMARK, with Honors
BERNHARDT CARL KRAUSE
WALTER LYLE LAMB, with High Honors
NORMAN EUGENE LAMP
CARLYLE JULIUS LERCH
LYLE DEAN LEWIS, with High Honors
MERWYN KEITH LINDSTROM, with Honors
GERARD FRANCIS LINSNER, with High Honors
WILLIAM RICHARD LLOYD, with High Honors
ALBERT LOUIS LUNDGREN
BURTON RUSSELL LUNDQUIST
THOMAS DAVID LUTZ
ALEXANDER JAMES MACKIMM
HAROLD KAY MAIN
DONALD ROSS MANN, with Honors
CHARLES ELVIN MARTIN, with Honors
WILLIAM MERRITT MARTINIE
PERRY WHEELER MCCLELLAND
HORACE RICHARD MCCULLOCH
JAMES GERALD MCCURDY
CHARLES HANNAM MCKIE, with High Honors
JOHN DAVID MCNAIR
EVERETT HENRY MEYER
ROLAND WENDELL MEYER, with Honors
OREN FREDERICK MILES
J. PHILLIP MILLER, with Honors
LAWRENCE MILLER
JOHN ELMORE MOATS
LARSON TIMOTHY MOGAN
GLENN HENRY MOODY, with Honors
CHARLES DANIELS MOWERY
CARL IMMANUEL NELSON, JR.
ISAAC LANSING NEWMAN
DONALD WAYNE NIEWOLD, with Highest Honors
HARLEY PHILIP OLSON
DANIEL JOHN OWENS, JR.
RALPH ERNEST PAINTER, JR.
GLENN HAROLD PAULSGROVE
CHARLES RAY PEARSON
ROY EVERETT PHELPS
SAMUEL DAVID PHELPS
WILLIAM ORRIS PICKETT
RICHARD ALLEN PILCHARD
PHILLIP EDMOND PLUMART
NORBERT FRANCIS POHLMAN
PAUL FREDERICK REIFSTECK
ROBERT WILLIAM RENKEN, with Honors
WILLIAM ROBERT RENOUD, with Highest Honors
GEORGE EDWIN RUBLE
GEORGE BENJAMIN RUBY
CLARENCE EUGENE RUTHE
EVERETT LANE SANDUSKY
ORVILLE LOUIS SAUDER, with High Honors
WARREN ELLSWORTH SCHMIDT
JAY NORMAN SCHNEIDER

VERYL EDWARD SCHUBERT
ALVIN DAVID SCHULMAN
EDWARD DONALD SCHULTZ
CLARENCE P. SCHUMAIER, with Honors
KENNETH EDWIN SCOTT
JOHN ALAN SHIELS, with Honors
HERBERT EUGENE SHORT
MILTON DAVIS SHULMAN
JOHN JOSEPH SMALL, with High Honors
OWEN M. SMITH
DONALD LEO SNAVELY
KENNETH WILLIAM SODERSTROM
JOHN DONOVAN SOMERS
JOHN REGINALD STAUBUS, with High Honors
HENRY H. STRAUS, with Honors
CHARLES SAMUEL STUBBS
JOHN GLYNDON STUFF
HARVEY LOUIS STUMPF, with High Honors
CHARLES WILLIAM SYKES
ARNOLD CRAIG TAFT
ROBERT RITCHEY TEEL, with Honors
CHARLES EDWARD TERRIL
WILLIAM ALFRED THARP, JR.
GORDON REICH THOMAS
LYLE EDWIN TOEPKE
VIRDEN LEE TROTTER
CHARLES ARTHUR TURNER
ELDON RAYMOND TWICHELL, with Highest Honors
NORMAN PAUL VOGEN, with Honors
RICHARD EDWARD WAGONER
ROBERT DANIEL WALKER
JAMES NELSON WHITCOMB
WESLEY CRAIN WILCOX, with Honors
RICHARD LLOYD WILLIAMS
CLARENCE JEREMIAH WILSON, with Honors
MARVIN WILLIAM WIRTZ
AARON MEREDITH WYSONG, with Highest Honors
LEX EVANS XANDERS
EDWARD YADLOSKY
HARRY WHITAKER YODER, JR., with Honors
GEORGE FRED ZELLMER, JR.
LAURENCE SETH ZUCKERMAN

In Dairy Technology

HERMAN MCADAMS HOWARD
LINCOLN THOMAS KREUZKAMP
DONALD MILLER
DONALD GENE SANG
JOHN TRUMBO VAN ETTEN
ROBERT LEE VEDELL
CLAYTUS EUGENE WATTERS
JOSEPH GEORGE WEST
FRANK WILLIAM WHITE

In Floriculture

BERNARD RAY BUTLER
GEORGE MAURICE CHENIAE, with Honors
LENNART ALGOT HOLMBERG
WARREN JOSEPH KUTCH
ROBERT WILLIAM LATEER, with Honors
PATRICK MARTIN MILLER, with Highest Honors
ALBERT PERCY NORDHEDEN
EILEEN ANN O'DONNELL
JAMES ROBERSON PRUTER
HUGH HOPPS ROBINSON
WILLIS JACK SCHMECKEBIER
NOBLE JENKINS SMITH

In Food Technology

WILLIAM JAY HOOVER, with High Honors
JOHN CALVIN SAILOR

In Home Economics

MAIZIE JEANETTE ANGIER
BARBARA MAY ATTEBERY
CATHERINE JEAN ATTEBERY
RUTH ANN BUSCH
MARY LOUISE CAMPBELL
CHARMIAN NANCY CHASE
SARAH COX
CLARA ADRIAN CRAFT
LORETTA JEAN DIERKES
INGRID JOAN ELOWSON
HELEN ADELAIDE FINLEY
JENNIE EUGENIA FORD
CAROL JEAN GROSSTEPHAN
MARY LOIS HANNING
MARY FRANCES HANSEN, with High Honors
DOROTHY ANN HOLIN
MARILYN IRENE HOUSE
DOROTHY ELLA KELLOGG
ARMINA HENRIETTA KOLMER, with High Honors
MARIAN RUTH LAMB
NESTA JEAN MANN
MARGARET JEANETTE MCELVAIN, with High Honors
HELEN JOHANSEN MEDENDORP
ELLEN RUTH MEYER, with Honors
CLARIBEL LOUISE MILLER
MARY GLENDOLA MYERS
MARY PALCHEFF, with High Honors
JILL PITTS
PHYLLIS LORRAINE PRETZMAN

JEANNINE AGNES REICHELT
PATRICIA LOU RINGGER, with Honors
MAXINE RAE ROBERTS
RUTH ELIZABETH ST. JOHN, with Honors
YVONNE WOOLEY SCHAEFER, with Honors
PATRICIA CLAIRE SCHERER
PATRICIA JOAN SHELDEN
JOAN ROSEMARY TARRO
MARJORIE ANN THORSON
JEAN MARIE VERTOVEC
CAROL NELSON WILLIAMS
ROSE MARIE WORTHEY
VIVIAN ANNE ZENZIPER
SHIRLEY ANN ZIEGLER, with Honors

In Home Economics Education

NORMA EILEEN BOWARD, with Honors
NORMA PLOTNER DAVIS
MARIE TERESE FLACH, with High Honors
BEVERLY JEAN GIBBS, with Highest Honors
MARJORIE BERNADINE HARMS
KOREEN PHA KRAPF
GINEVERA MARIE LITTLE
LEOTA DARLENE NASLUND, with Honors
JANE DIVALL POLLARD
BARBARA ISABEL PRENTISS
FRANCES JEAN ROBINSON
MARIAN LOUISE RYAN, with Honors
ESTHER MYRTLE SCHUCHMANN
VIRGINIA LUCILE STEWART, with Highest Honors
CONSTANCE LOUISE WALKER, with Highest Honors
DOLORES PAULINE WHITE
MARGY JEANETTE WOODBURN, with Highest Honors

In Restaurant Management

SHELDON WAYNE BECHER

In Vocational Agriculture

HEARL CHESTER BISHOP
DANIEL DEAN CHAMBERS, with Honors
MARVIN DEAN KREILING
RUSSELL OLIVER LEWEY, with High Honors
EUGENE JOHN POHL
ELDON LEE STEFFEN

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

PAUL HERBERT ANDERSON, with High Honors
KENNETH GLENN BENSEN
ALLEN MERRILL BENSON
JAMES LAURELL BODE
SHERWOOD FRANKLIN BRASCH
MAX THOMAS BRAUN, with High Honors
DONALD GEORGE BROWN
CALVIN HOMER BRUNINGA
REED LYNN BURCH, with Honors
HOWARD RILLING BURNETT, with Honors
RODNEY STUART CHASE
ALLEN CLIFFORD DANIELS
THOMAS WILLIAM FEHR
CLIFFORD CALVIN FELT
HERMAN DAVID FRONING, JR.
PAUL NORMAN FULLER
BYRON LOWELL GABBERT
GLEN EUGENE GABRIELSON
LAVERNE WILLIAM GONNERMAN
NORMAN EARL GOWIN, with Honors
WINTHROP ADOLPH GUSTAFSON, with High Honors
JOHN PETER HEADLUND
CHARLES FRANKLIN HERNDON
ROBERT FRANK HUNTER
EDWIN LEIGH JONES, JR.
CHARLES EDWARD KAEMPEN
DONALD JOSEPH KATZ
MICHAEL WILLIAM LUDWIG
HERBERT BRYAN LYONS, JR.
DEWEY JULIUS MANCUSO
RICHARD EDGAR MARTIN, with High Honors
RICHARD ALAN MEYER
GLENN GROVES MYERS
RICHARD HAZEN MYERS
JOHN EDWARD O'HERON
JAMES RICHARD PLIML
WALTER DUANE REEDER, with High Honors
PURNA CHANDRASEKHER RAO SANGA
ARTHUR IRWIN SCHMIDT
GENE SHINOSAKI
WILLIAM EMIL SIMON
RICHARD ROBERT SLADEK
CHARLES CORLESS SMITH
CHESTER TARCYSIUSZ SOKOLOWSKI
ERNEST STUCKAL
KENNETH ALAN YOUNG

In Agricultural Engineering

ROBERT JUNIOR CAMP
BENJAMIN FORREST DETROY
LYMAN WAGNER HELLER
WAYNE DONALD JONES
MICHAEL LENARD, with Honors
EDWIN JOHN MONKE, with High Honors
EUGENE PALMER MORGAN
ROBERT LLOYD MORRIS
ARTHUR JAMES MUEHLING
RANDEL ARTHUR ROCK
MERRET BAKER SANDERS
GILBERT FREDRICK SAUER
JAY NORMAN SCHNEIDER
HOWARD LESLIE WAKELAND
DONALD RAY WILLIAMS
DEAN WILLIAM WINTER

In Ceramic Engineering

HUGH EUGENE BOETTNER
DONALD EDWARD BOULTBEE, with Honors
EDWARD MICHAEL BUTKOVICH
CHARLES MERLE COOK
DONALD PATRICK CROSBY
VERNON HARRIS EDLIN
EUGENE ALBERT FISHER
RICHARD MERLE FULRATH
ROBERT HOWARD HERRON, with High Honors
JOHN PARKER JERO
DUDLEY BURT JOHNSON
RAYMOND RALPH KIMPEL
JULIAN HAWTHORNE LAUCHNER
CHARLES RICHARD MACPHERSON
GEORGE DON MCTAGGART
JOHN PATRICK NOVAK
LEROY ELMER PETERSON
LUCAS EDWARD PFEIFFENBERGER
WILLIAM GEORGE SCHUMACHER
JEROME DAVID SCHWEITZER
JAMES THOMAS SHAPLAND
HERBERT ROBERT TOLER, JR.
JAMES WILLIAM TUSTIN
NEIL DOUGLAS VAN DYKE
JAY MOSES WOLDENBERG
DONALD ARCHIE ZUMWALT

In Civil Engineering

RICHARD WILLIAM ARMSTRONG
SUAT ALI ATAY
LEROY DONALD AUSTIN
GEORGE MCCLELLAND BAUER
ALPHEUS CUTLER BEMIS
ROBERT MORTON BLAIR
CARROLL EDGAR BLAKEMAN
ROY CARL BODETT, JR.
LAWRENCE ARTHUR BOLIN
MILTON JOHN BORIK
WILLIAM CLEMENT BOYD, with High Honors
WILLIAM ROE BRIDGES
WILLIAM TAYLOR BRISTOW, JR., with Honors
EDWARD ALBERT BROOKS
ROBERT EDWARD BRUMBY
RICHARD DEXTER CIESLA
ROBERT RICHARD COOPMAN
GEORGE LEROY CRAWFORD
JAMES JOSEPH CURTIS, JR.
CLYDE KEITH DIAL
PHILIP GORDON DIERSTEIN
STANLEY DODGE DOREMUS, with Honors
JOHN ERNEST EBBESEN
LOUIS JOHN ECK
RICHARD WARREN ELDREDGE
WILLIAM GEORGE EMRICH
ARTHUR WILLIAM ENDER
CARL NICOLAUS FALKENSTROM
EDWARD BAUER FINKEL
SIDNEY JONES FLOOK
DONALD DELOS FOWLER
VAREL LEONEL FRALEY
ROBERT EDWARD FROST
TOM SAMUEL FRY
ROBERT FRANCIS GALLAGHER
CARLO GHILARDUCCI
FRED OWEN GILBERTSEN
LOUIS GEORGE HALLA
DONALD GENE HANKINS
WILLIAM AUGUST HASSE
RICHARD WADE HUSTON
NICHOLAS ANTHONY IOSUE
HAROLD IRVING JOHNSON
LEE WENDELL JONES
ROBERT FRANCIS KENNEDY
RAYMOND EARL KIGER
RAYMOND JOHN KOCOL
WILLIAM DAVID KOEPSEL
JERRY THOMAS LACY
JOHN WILLIAM LAGER
BENJAMIN ELMER LAMPITT, JR.
DUANE FAY LILLIE
ROBERT BOTHO MACK, with High Honors
GORDON WILLIAM MARTYN
FRANCIS EUGENE MAYHALL
GERALD VINCENT MCCOLLAM
PATRICK HAROLD MCHOOD, JR.
WILLIAM CARL MEISENHEIMER
CARL JULBERT MELIN
HARTMAN MITCHELL, with High Honors
RAYMOND FRANCIS MOTTET
DONALD JAMES NELSON
MIKE NIKCEVICH
ROLAND HARRY OLSON
MYRON ELLIS OPPENHEIM
FRED ROBERT PERLMAN
LAWRENCE BENJAMIN POLKOWSKI

CHARLES RAY PULLEN
ROGER LEVIN RICHEY
JOHN REMMERS ROSS
PAUL EUGENE RUSSELL
RUSSELL GEORGE SANDEN
GLEN HAROLD SAWYER
ROY STEVEN SCHECK
WILLIAM SHACKELFORD
ALBERT SIFRER
ROGER E. SKINNER
ANDREW PATRICK SMITH
ROBERT HOWARD SMITH
BERNARD HENRY SPINNER, with Honors
WILLIAM EDWARD STALLMAN
HAROLD WILLIS STILLMAN, JR.
JAMES EDWARD SWENDSEN
JEROME FRANCIS ULATOWSKI, with Honors
RAYMOND JOHN VERTOVEC, with Honors
EMIL VLAISAVICH
RAYMOND PAUL WARCHOL
RICHARD GLENN WARNOCK, with Honors
WILLIAM OTIS WHITE
RICHARD PHILIP WITHENBURY
JOHN STANLEY WOJTALEWICZ
THOMAS ELDRIDGE YOUNG
SERMET HUSEYIN YURTMAN

In Electrical Engineering

BENJAMIN RALPH ACKERSON, with Honors
ROBERT OLIVER ALDE
ROBERT ORVILLE ANDER, with High Honors
KENNETH ELMER HAROLD BACKMAN
JACK CLAYTON BASSIE
ROBERT BURNELL BEARE
ERWIN HENRY BENEKE
WALLACE ARTHUR BERGLUND, JR., with High Honors
DONALD LEROY BERMEL
ROY EDWARD BEVAN
HAROLD J. BLANK
GEORGE DEWEY BONE, JR.
GORDON GAIL BONVALLET
KENNETH WAYNE BORROR
ROBERT GUY BRIDGEWATER
DONALD BURT BRINGMAN, with High Honors
WAYNE DONALD BRODD, with Honors
WILL MORGAN BRYEN
EDWARD STANLEY BUDRECK
MORRIS MILTON BUZAN
JOHN ARTHUR CALDER
WILLIAM PETER CAMPBELL
DANTE CASOLARI
RICHARD WARREN CASTOR, with Honors
HARRY CERBIN
WILLIAM CHAN
JAMES NOLEN CHAPMAN
ROBERT HOWARD COMPTON
RUSSELL HOWARD CORBIER
JOHN WILLIAM CRAMER
EDWARD LESTER CURTIS
THOMAS EDWIN DAGGETT
ARNOLD PIERCE BAAR DARSCH
WILLIAM FOLEY DE BOICE, with High Honors
EUGENE DE MURO
ROBERT EARL DOLL
ROBERT EARL DUFF, JR., with High Honors
WENDELL ROBERT DUNNING
GEORGE FRED ECKENSTALER, JR., with Honors
JOHN JOSEPH EICHHOLZ
CHARLES LAMOYNE ELETSON
MARVIN HERMAN EULER
ROBERT JEROME EVELAND
BRUCE WALLACE EVERITT
JOHN WILLIAM FAHLBERG
WILLIAM JOHN FERN
FRED AUGUST FISCHER, JR., with Honors
EDWARD JOSEPH FLANNERY, JR.
JOHN FRANCIS FLANNERY, with Honors
CHESTER HENRY FLUDER
RAYMOND PAUL FORECKI
GEORGE WARREN FOREMAN
ROBERT WILLIAM FORSYTHE, JR.
EDWIN CLEMENT FOUDRIAT
ROBERT JOHN FOVELL
CHARLES THOMAS FREY
RALPH CHARLES FROEHLICH
MARSHAL LEE FROLAND
JAMES DEE GARLS
AUGUST JUNIOR GARTNER
LAWRENCE THEODORE GENISE
WILSON ARTHUR GILES
KEITH FREEMAN GOODWIN, with Honors
RICHARD EMMERICH GOROZDOS, with Honors
JOHN LOUIS GRAY
CHARLES FRANCIS GREEN, JR.
LOWELL JUDSON GREEN
ROBERT NORMAN HARGIS
RUSSELL VERNON HAVEMANN
WILLARD EUGENE HAYES
IMLA EDWIN HEWITT
JOSEPH ALDRICH HOLLY
NICK HOLONYAK, JR., with High Honors
GEORGE JAMES HOSSFELD
GEORGE KEFALAS
PAUL HOMER KEHM
DANIEL THOMAS KENNEDY
FLOREND EDWIN KINDELL
RAYMOND JOSEPH KIRK

HUBERT JEROME KLEEMANN
JOHN GRANVILLE KNOX
RALPH HENRY KRICHBAUM
LINTON STEVEN KYPTA, JR.
ALBERT JOHN LACY
ROBERT GERALD LANE
MELVIN JAMES LEACH
CAROLD LA FREECE LEGG, with High Honors
FREDERIC CORBIN LEINER
THOMAS LEO LEMING
JOHN FRANCIS LENZINI
NORMAN LAWRENCE LEWIN
ROBERT HAMILTON LEWIS, with Honors
ANDREW CHARLES LINDBERG
RAYMOND JOSEPH LINDER
WALTER CHARLES LIPINSKI, with Honors
RICHARD THOMAS LOEWE
WILLIAM LAVERNE LOVELESS
EDWARD LAWRENCE MACOICZ
GERALD MILTON MARKS, with High Honors
DONALD CHARLES MARTIN, with Honors
MAX EUGENE MAUK
ROBERT EDWIN MCCLURE, with High Honors
VINCENT JOSEPH MCDONALD
MITCHELL GUY MESECHER
MELVIN RICHARD MESNARD
CHARLES FREDERICK MEYER, with Honors
GEORGE EDWARD MISTHOS
HOMER THOMAS MOORE
STUART GRAHAM MOORE
DEAN HOWARD MOSHER, with Honors
ALFRED OTTO MUELLER
ELMER LINTON MYERS
RICHARD ALLEN NAATZ
ISAAC DAVID NEHAMA
HARVEY AXEL NELSON
ROBERT EARL NEWLIN
ROBERT VIRDEN NICOLSON, with Honors
RUSSELL CLARENCE NIELSEN
CARL HOWARD NORDEEN
EDWARD KENNETH NOVAK
JAMES WILLIAM O'BRIEN
JOSEPH RICHARD O'CONNOR
FREDERICK ALEXANDER ORDEMANN, JR.
GEORGE GASPER ORTAGGIO
FRANK LEE OSBORNE
JOHN PAKLEPA
WILLIAM RUSSELL PAYNE
ROLF VILHELM PEDERSEN
JOHN FLETCHER PENN
GEORGE LEE PETERS
RALPH JAMES PETERSON
WILLIAM HOWARD PETERSON
EDWARD ANDREW PETKO
RICHARD CARR PRICE, with High Honors
PETER GREGORY PRINEAS
CARL JOSEPH PUDEWILL
ROGER CLAPP PURDY
GERALD NORMAN QUICK
RALPH FREDERICK RABE
CHARLES EDWARD RACSTER
ROBERT CHARLES REINEKE
GLEN STANLEY RIDGE
HERBERT ROY RINDER
ANDREW J. ROBY
NICK SAMARAS
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HAROLD ARTHUR LINDAHL
STANLEY DAVID MACK, with Honors
WILBERT JOHN MAGERS
ARTHUR KENWARD MILLS, with Honors
MERTON MORSE
LEONARD AARON SALINGER
WILLIAM WAYNE SANDERS, JR., with Highest Honors
JOHN HOWARD SHURTLEFF
ELBERT CLARENCE SMITH, with Honors
VICTOR FRANCIS STROZEWSKI
ROBERT GEORGE VANDERWATER
KENNETH AUGUST WACHTER
KENNETH RAY WALSTON, with Honors
DONALD EMIL WOLLSCHEID
CARL PHILIP ZUPIC, with Honors

In Chemistry

DONALD NORMAN BERNHART
JOEL BROWNSTEIN
HIRSH MEYER BUSCH
ARTHUR EDWARD CAULK
JAMES WILLIAM CURRIER
JIM ROLLO DEVOE
DONALD CHARLES DITTMER, with Highest Honors
JOHN WILLIAM ERTEL, with Highest Honors
JOHN MATTHIAS FRANZ, with Honors
JOHN OWEN GARDNER, with Highest Honors
THOMAS STUART JONES
PERRY KING, JR.
RUDOLPH WARD KLUIBER, with Highest Honors
STEVE MICHAEL JOSEPH KOVACH, with High Honors
ROBERT GLENN LANGE, with Honors
RALPH HARRELL LASCO, with High Honors
HOWARD BERNARD LEVINE, with Highest Honors
CLAUDE ALFONSO LUCCHESI
DONALD WILLIAM MOHRMAN
ALVIN HENRY NEUNABER
RICHARD EUGENE PRIEST, with Highest Honors
FRED WILLIAM RATHS
EDWARD MCCREERY ROBERTS, with High Honors
ROBERT JOHN ROLIH
ROBERT RUDOLPH SMEBY, with High Honors
ROBERT DEAN SMITH
FRANK DOMINIC STEIDL
HORATIO SERAFINO STILLO
FRED WILBUR STONE, with High Honors
ROLF KURT SZYBILSKI
CLIFFORD MARSHALL VOGT
JOSEPH JOHN VRBA
VINCENT RAYMOND WIEDERKEHR
KENNETH HERBERT WILKINSON
LOUIS ALBERT WOLLERMAN
WILLIAM DAVID WOOD
HENRY FREEMAN ZOBEL

In Liberal Arts and Sciences

HAROLD WILLARD ADAMS
JOHN JOSEPH ALDERSON
YVONNE LORRAINE ALDRIDGE, with Highest Honors in Psychology
WILLIAM JACOB AUGUSTINE
RICHARD WILLIAM BAGLEY
ROGER JONES BAKER
PHILIP WILLIAM BARDELL
RAYMOND FRANCIS BARNES
EMIL BARONAK
CHARLES EDWARD BARTZ
SHIRLEY LEE BASH, with Highest Honors in Chemistry
HOWARD EMORY BELL
RONALD ARLY BERGMAN
HARVEY BERMAN
JOHN RICHARD BESHOAR
MILTON BIBERGAL
WILLIAM STANLEY BICE
ROBERT LEE BLACK, JR.
BENDT D. BLADEL
JAMES NIEL BRADY
HARRIET JUNE BRAGDON
RALPH NATHAN BRANSKY
JAMES FRANCIS BRENNAN
ETHEL NEWLAND BROWN, with High Honors in Psychology
VICTOR ERNEST BUHRKE
EUGENE STANLEY BURDA, with Honors in Psychology
ROBERT ANTHONY CAMERON
ROBERT VERNON CARLSON, with Honors in Bacteriology
BURTON DANFORTH CARTER, JR.
BARBARA BOZES CASTEEL, with Honors in Psychology
EUGENE DALE CHAMBERS, with High Honors in Psychology
WILLIAM CHECOVICH
HOWARD MARION CHILES, JR.
CHARLES THOMAS COFFEE
JOHN ROBERT CONNELLY
GEORGE EDWARD COOLEY
JAMES JOSEPH COSTELLO
RAYMOND ALPHONSO CRAMER, JR.
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BARBARA JEAN CRUSE
FRANK RICHARD DEITZ
FERNANDE NANCY DESJARDINS
EUNICE EILEEN DETTMAN
WILBUR FRANCIS DOLEZAL
JOANNE DOWELL, with High Honors in Psychology
ROSEMARY MARJORIE DOWELL
MARJORIE EILEEN DURWARD, with High Honors in Botany
ROBERT LAWRENCE EARLENBAUGH
PETER GEORGE ECONOMOU
DONALD ROY EKBERG
JEAN ELISE ERICKSON, with Honors in Psychology
RAYMOND GABRIEL PAUL ESPOSITO
NORMAN SANFORD FALKANGER, JR.
IRWIN IRA FEINBERG
JEROME FIELD
LEONARD JOHN FIGURA
ERVIN EUGENE FILER
THOMAS MASON FOLKERTS
ANTHONY MATHEW FRALE, JR.
JEROME FRANKEL, with Honors in Psychology
JOHN EDGAR FRAZIER

James Wyllis Frisch
Francis Patrick Gallagher
Charlotte Dolores Garber, with Honors in Psychology
William James Gard
Charles Ernest Gavin
Albert Herman Gillis
William Schockett Goldman
Melvin George Goldzband
Karl Leroy Goodall, Jr.
William Alan Gothard, with Honors in Mathematics
Bernard Gothelf
Seymour Leo Gottlieb
Alfred Raymond Gould
Fred Robert Grewe
Stanley Irwin Grossman
Wade David Hamby
Lawrence John Hammerbacker
Masaro Harada
Clifford John Harris, Jr.
Robert Frederick Harwood
Katsumi George Hashimoto
Donald Elmer Heitmeier
Richard Thomas Hercher
Robert Leslie Herting
Marian Sara Hill, with Highest Honors in Bacteriology
Robert Samuel Hill
Marvin Hirsh
Julius Holtzman
Shirley Hood
Edward Allen Hoover
Paul Imre
Virginia Ruth Ivens
Carol Doris Jacobs, with High Honors in Psychology
Helen Huckins Jennings
Lillian Jin
Nancy Carol Johnson
Ardeth Joyce Jones
Einar Axel Juhlin
Eugene Kanter
Morris Kaplan
William Herbert Kennedy, with High Honors in Zoology
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Priscilla Ann Kieback
Robert Leslie Kirby, with Honors in Mathematics
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Joseph Dave Kramer
Milton Kramer, with Honors in Zoology
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John Charles Kukral
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Robert Edward Murphy, Jr.
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Louis James Nicholas
Doris Barbara Niden
Thomas William Nielsen
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Frederic Stanton O'Hara
Earl Eugene Ose
Harriet Otis
Stanford Elmer Parris
Oke Lee Pearson, Jr.
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Donald Arthur Peterson
Robert Landon Phillips
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Jack Pinsky
Helen Virginia Pletsch
Shirley Selma Plowen
James Medill Reed
Raymond Leroy Reinert
Edward Joseph Reininger
Rita Louise Remer

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BYRON RUSKIN
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HERMAN ERNEST SCHMID, JR., with Honors in Physiology
GABRIELLE SCHOUR
WILLIAM PRESLEY SCHREIBER
DEAN HENRY SCHROEDER
RAYMOND DONALD SCHUBERT
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RICHARD FRANCIS SCHWERDT
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YOSHIO SHIGEMURA, with Honors in Botany
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MARVIN SILVERMAN
IVAN HOOGLUND SKOOG
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ROBERT KEITH SWEHLA
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JOHN SHERMAN WEISS
DONALD IRVIN WELLER
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ROBERT EUGENE WILKINSON
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RUTH DORIS WILSKER, with Honors in Psychology
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EDNA YALE
HENRY FLOYD YARBROUGH, JR., with Honors in Bacteriology
ROBERT GALE ZIRKLE

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DORIS RUTH MCKAY

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JUNE EILEEN BRANDING, with Highest Honors
BARBARA LOUISE BROCKMEIER, with Highest Honors
SHIRLEY ANNE CHRISTENSEN, with Honors
BARBARA ANNE CHRISTIANSEN
PEARL HARRIS
MARILYN AILEEN HOWARD
KATHLEEN JEAN MARY KEELEY
ADELINE ELIZABETH KULIG, with Honors
BONNIE PRESTON LEWIS
RITA SHIRLEY MESSER
MAURINE JUDITH SCHECKMAN, with High Honors
MARIAN SCHEINEMAN, with Honors
SUSIE JANE SCHUTZ
JUANITA JUNE TAYLOR

In the Teaching of Biological Sciences and General Science

JANET ELIZABETH BUTE, with High Honors
RUTH LOUISE COULTAS
JEAN SMITH FEENEY, with Honors
HELEN JO HAHNE, with Highest Honors
JAMES VERNON HIGGINS, with Honors
WILLIAM JOHN MAHONEY
WILLIAM EUGENE MARTIN, with High Honors
ROBERT THOMAS SCHOPP
ROBERT CLAYTON WALLACE
ELIZABETH ANN ZICKENBERG

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EAREL MYLROIE BELFORD
MIRIAM LORRAINE ERICKSON

In the Teaching of Geography

JOHN CARLTON HOFER, with Honors

In the Teaching of Mathematics

DONALD JAMES BIRR
JAMES CURTIS GRADY
CHARLES RUSSELL STEGMEIR
FRANKIE JEWEL WILLIS

In the Teaching of Mathematics and Physical Sciences

DONALD ROY HUDGINS

LIBRARY SCHOOL

Degree of Bachelor of Science

In Library Science

BETTY HUNTER BLOSS
PATRICIA ANNE BORNGASSER
CHARLOTTE FANTA
SALLY JO HUBBELL, with Honors
JAMES O'BRYAN MOORE
MIRIAM ELIZABETH RECTOR, with Honors
ETHLYN FAYME SCHATZMAN
ALICE ALICIA SPENCER, with Honors
LAURA MISAO UCHIMOTO, with Honors
BARBARA ALYCE WAINWRIGHT, with Honors
BARBARA ANN ZEIDERS, with High Honors

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

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HELEN L. HAYS ALLHANDS
RACHEL KOORENNY ANDERSEN
MARY ALICE HINTON ANDREWS
MIERLEY BROWN BAILEY
NANCY JUNE BARBER
MARIAN HALBERTA BARNHART
DORIS MAY BAUER
RUTH GLORIA BERNSTEIN
JOSEPH MARION BIEDENBACH
JANE A. BRAYFORD
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LEE MARIE CADWELL, with Honors in Education
GLADYS CAPLE
GRACE COOLEY
EDWIN FLOYD COPPLE
MARGERY MAE CUSHMAN
WILLIAM DAVID DAUGHERTY
NANCY DAVIS
LOIS MAXINE DEAN
GERALDINE WILLIAMS DIAL
SABINA MONAGHAN DORAN
MARY LOIS DORNER
FLOYD JOHN DRESSEL
BERYLE SCHWABE DRY
MARION ROSE DULKIN
MARY ALICE EASTMAN
KATHRYNLEE FLESCH
JACK FLOCK
JOHN FORDONSKI
JANET ISABEL SINCLAIR FORSYTHE
ARTHUR HERBERT FRANSON
WILLIAM FRINSKO
CLIFTON DALE FULTON
DOROTHY MAE GAHM
JESSE JEAN GARROTT
FRANKIE LEE GLATZ
DELORES DAVIDSON GOODELL, with Honors in Education
MARGARET ANN GOODHEART
WILMA LOIS HASEMEYER
PATRICIA ANNE HAVARD
ELWOOD JOHN HEIN
ALYCE FOSDICK HERRICK
JOYCE LODENE HOMERDING
MILDRED RUTH HOOKS
EMILY HRUBY, with Honors in English
GRETCHEN IRENE HUTSON, with Honors in Education
SHIRLEY MAE IRESON
DONNA ROSE ISEBERG
JOHN FRANKLIN JENKINS
JANET ELIZABETH JONES

CLEMENT LEONARD KACZOROWSKI
ROBERT BIGNAL KANE, with Honors in Education
MARY TATE KRAUSE
BEVERLY JOY KUBAT
KATHRYN MARTHA LAMBRECHT
CORINNE ROSE LAUSCHKE
JEWELL RAE LEFF
MARJORIE LOU LEHR
GRACE HARTMAN LEIGHTON
JOYCE SIMMA LEVIN
GLORIA LEWIS
LOREN RICE LEWIS
SHARI ARONIN LIPPITZ
MARY LOUISE LLEWELLYN
WESLEY EUGENE MADSEN
BEVERLY ANN MARKUS
DONALD CLARENCE MCWARD
ERIKA MARY MEWS
HARLEY K. MINNIS
JULIA MAY MUIRHEID
JOHN BERNARD MURPHY
MARGARET JUNE MYERS
MARY ELLA NEWTON
MARY LOU NICHOLLS, with Honors in Education
MARY JANE THOMAS NYSTROM, with Honors in Education
MIGNON JULIA OHM
AUGUST LYNN OLSON, with Honors in Education
JANET HUNTINGTON OLSON
ROLAND LUDOVICO ORSUCCI
PATRICK JAMES PALUMBO
SUE MARTHA PERA
MARIANNE POGGENPOHL
THOMAS JAMES QUINN
JOAN MARIE RAMSDELL
ROBERTA RUTH RAYBURN
BETTY BEER REBER
MAURICE JOHN REINHART
KENNETH EUGENE ROELLIG, with Honors in Education
PATRICIA KAY ROLLER
JOSEPH MCDANIEL RYKER
FRANCIS MATTHEW SCHEIDT, with Honors in Chemistry
SCOTT KEY SHELTON
DOROTHY MAY SHERRARD, with Honors in Music and in Education
NANCY SCHMELING SHUGART
GERALD RUSSELL SMITH
MIRIAM LOUISE SOMMER
ANGELO JOSEPH SPATARO
EVELYN ELAINE STEIN
CARMEN IRIS STELZRIEDE
MARJORIE LEE STERN
DONALD EUGENE STONE
JOANNE MARGARET TERRY, with Honors in Education
EDWARD DONALD TERTOCHA
KATHRYNE LUELLA VALENTINE
FRANK OLIVER VOLLE
HELEN ELIZABETH WALKER
JUDITH ANN WEINSTEIN, with Honors in Education
HARVEY WEISS
HORACE EDWARD WEST
DAVID LOGAN WOLFE

In the Education of the Deaf

MARY LOU RENNER
MARION ANNETTE SCHWETZ, with Honors in Education

In the Education of Mentally Handicapped Children

FRANCES ELIZA FRANK
ANITA FAYE HEYMAN, with Honors in Education
VIRGINIA GOODWINE LUDWIG

In Industrial Education

ERVIN LEE ATKINS
JAMES HAROLD BATTON
WILLIAM ROBERT CLIFTON
JOHN HENRY LENTZ
ROBERT MORRIS TOMLINSON, with Honors in Industrial Education and in Education

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

ARTHUR WILLIAM ANDERSON, JR.
ELMER FRANCIS ANDERSON
VALERIE RAE BABBITT
RAYMOND PAUL BACHERT, with Honors
MIRIAM CAROLYN BACKS
CECIL EUGENE BAIRD, with Honors
BRUCE LEE BALCH, with Honors
ALDO BALZARINI, with Honors
ESTILL WILLIAM BEATTY, with Honors
THOMAS ELIOT BENNER, JR.
CHARLES FRANK BERG
ROBERT LOYAL BERGSTROM
DORATHEA BRASH BERNSTEIN with Honors

HOWARD IRVING BERNSTEIN, with Honors
WILSON JEROME BESANT
ROLAND LOOK BOCKMAN
MELVIN EUGENE BOYD
SIMON MARSHALL BRAZY
JAMES THOMAS BROPHY, with Honors
MAYNARD CARY BULLIS
MICHAEL BURNSTINE
SOLLIE JUDA CALDERON
CHARLES GARRIOTT CALLAHAN
DONALD LEE COLBERT, with Honors
JAY STUART COLBERT
CHESTER LEROY DAHLGREN, with Honors
FRANK LOUIS DASH
JOHN HOWARD DOYLE
ANDREW VINCENT DRAKE, with Honors
PAUL EDWARD DUNN
MAX ROBERT FARRELL
DALE LEE FIELDCAMP, with Honors
GERALD BONNER FISHER
EDWARD ELLIOTT FRADKIN
ROBERT WILLIAM FURTKAMP, with Honors
JOSEPH FREDERICK GAUGER, JR.
DEAN ELMER GOLDNETZ, with Honors
HOWARD ARTHUR GRAENING
JAMES LEONARD GREEN
DALLAS EUGENE HAMMOND
HOWARD HEAD HANKINS
JOHN PAUL HAXEL
JEROME IRWIN HERSH, with Honors
CLARENCE DAREN HICKEY
VERYL HUBERT HOOTMAN
WILLIAM ARTHUR HOTZE
HAROLD LESTER HOUCK, with Honors
CONSTANTINE THOMAS ISKALIS
HAROLD AUGUSTUS JONES
JOHN MILTON THORNTON JONES
ROBERT BULAND KARKOW
DICK GLIXON KOPEL
HAROLD RANDOLPH KRITSER
GEORGE THEODORE KUTSUNIS
RICHARD ELWIN LARSEN, JR.
ROY GREGER LARSON, JR.
GILBERT WING LEE
PHILIP HOWARD LEMBKEY
MARVIN LEON, with Honors
SAMUEL DAVID LEVENSON, with Honors
HOWARD MORTON LONDON
JOSEPH HENRY LONG
DONALD WARNER LONN
DAVID NELSON LOVELL, with Honors
ALEX PAUL MADARASZ
RUSSELL GEORGE MARTIN
KENNETH JEROME MATLOCK, with Honors
HERBERT EUGENE MCCURDY
CHARLES MCDANIELS
JOHN PETER MCEWEN
GLENN FRANK MCWILLIAMS
HUGO JAY MELVOIN, with Honors
KATHRYN LUCILLE MESSMAN
BERNARD MILLER
MICHAEL MITCHELL
EDWARD JOHN MOLNAR
ROBERT MELTON NORRIS
WAYNE LEROY OAK
ELIDA MARIE PAGE
THEODORE ALFRED PARKER
FRANCIS YEAZEL PETERSON
KENNETH ARTHUR PIEDLOW
JOSEPH ALOYSIUS POELKER
WILLIAM JOSEPH PORTER
WINSTON WALTON POWNALL
ROBERT STANLEY PREUSS, with Honors
LAURENCE ROYCE PROUTY
TULLIO RALPH RANALLETTA
CARROL HARRISON REINGANUM, JR., with Honors
HEROLD LOUIS RIFKEN
LEONARD ROTBLATT
DONALD PAGE ROTH
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LOUIS GEORGE ST. CLAIR
DANIEL HERMAN SCHADE
CHARLES PHILLIP SCHMID
RAOUL TODD SCHUBERT
THOMAS ALLAN SCHULTE
GEORGE PRESTON SHALLCROSS
ROBERT WESLEY SHEAR, with Honors
EDWIN CARLYLE SIGEL
IRWIN SMILEY
KENNETH LEE SMITH, with Honors
ELLIOT DAVID SPIRO
SELIG STEIN
JOHN HENRY STEVENS, with Honors
JAMES DAVID STUDZINSKI, with Honors
ROBERT MCBROOM THOMPSON
DEAN LESTER TRAUTMAN, with Honors
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WILBUR PAUL TYLER
JOHN WALTER VICEK
PHILIP VOOLACH
ROBERT FINDLEY WALKER
FRANCIS DALE WALLS
HERBERT WASSERMAN
RICHARD PHILIP WIPPMAN
MAURICE CLIFFLY WORKMAN
MARSHALL LEONARD ZISSMAN, with Honors

In Accountancy and Management

GILBERT RANDLE CARR
CHARLES EDWARD HETZEL
HAROLD RILEY JACKSON
WAYNE ALLEN KISSEL
NORMAN RICHARD KOZY
ROBERT GILBERT MCDONALD, with Honors
GERALD BENJAMIN RIVLIN
CECIL DEAN YOUNG, with Honors in Accountancy

In Accountancy and Marketing

SHELDON S. COHEN

In Banking and Finance

WILBUR DEAN BABCOCK
STUART ALAN DICKERSON
GERALD HARTLEY FALDER, JR.
MARVIN DONALD FRIEDMAN
MARTIN LEONARD GERSH
HOMER LEE MASON
ROBERT EUGENE NEWMAN, with Honors
ANDREW ARTHUR VAVRIK

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CHARLES THOMAS TAGLIANI
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RALPH EMERSON FLETCHER, JR.
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JOSEPH ROBERT HALE
WILLIAM CARROLL JACKSON
MARK LEE SCHWARTZMAN
FRED DANIEL WELSCH

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LOIS MAY FINKENBINDER
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OLIVER PAUL THEODORE HALE
EDGAR WALTER LUDWIG
KATHERINE MARY ELEANOR O'CONNOR
JULIENNE RENAUD
MADONNA INEZ STAHL
MIYO RUTH TAJIMA
THELMA PATRICIA WILBOURN
WANDA SABINA ZABIEREK

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ELMER RICHARD BADE
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EDWARD LESLIE BLAU
JOHN HENRY COX
NORMAN JAMES CRUM, with High Honors
RAYMOND WILLIAM FICK, JR.
WILLIAM NORMAN GEORGESON, with High Honors
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MARTHA CARLYN INNIS
PETER MOLLER JANSON
WILLIAM HAROLD JOHNSTON
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HUGH HENRY PRICE, II
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WENDELL CLEMENT STONE, with Honors
HAROLD MEYER TERFANSKY
WILLIAM OTIS THOMAS

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JAMES LEWIS HOLMAN
JAMES RICHARD HURST
MARSHALL DAVID OSSEY
LAWRENCE HAROLD STREICHER

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ORIN BRADFORD GRANT
ROSARIO WILLIAM GULIZIA
EUGENE OLIVER GUSTAFSON
LEE KENT HINNEN
RALPH SMYKAL
GEORGE ROBERT SNYDER
ROBERT THOMAS VITT
ROBERT HAROLD WICKES

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ROBERT DONALD ALLARD
ROBERT DEE BATTLESON
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GARRETT HOBERT BRICE, JR.
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JOSEPH BUTENSKY
DUANE WALTER CHAPMAN
RICHARD D. CLARK
RICHARD CHARLES COLVER
RICHARD RAYMOND COVEY
GEORGE FRANKLIN CRAWFORD

WILFRED M. CREDIT
EARL EUGENE CUNION
JOHN ERIC DANIELSON
LEO ALBERT DECMAN
PETER PAUL DE PASQUALE
WALLACE LOGAN DICKS
CHARLES ROBERT DOCKUM
FREDERICK ROBERT DUDA
DARRELL BRUCE DYER
STANTON DAVID ERICSON
JOSEPH EDWIN FINA
RONALD ROY FOELL
JOSEPH PETER FOLEY
RUSSELL DEAN FORD
EMANUEL JAMES GLYMAN
DONALD LESTER GOULD
WILLIAM RUSHTON GRAHAM
DONALD BUTLER GRISWOLD, with Honors
RICHARD EVERETT HAESEMEYER
CLARK MILTON HARTZELL, JR.
RICHARD BENNETT HARVEY
ROBERT DWIGHT HEATH
CHERRY ROSALINE HUDSPETH, with Honors
WILLIAM JOHN JANNENGA
THEODORE FRANK KACIUSIS
JOEL MARVIN KAY
EUGENE MILLARD KOCH, with Honors
DONALD KNUTE LARSON, with Honors
ARTHUR LEE LEEPER
JOHN ROBERT LEMNA
ROBERT GEORGE LESLIE
RALPH H. LIVINGSTON
WILLIAM THORNTON LOCKHART
ALEXANDER ELLIS MACPHERSON
ROBERT LEE MARCH
ALDO MARTIGNAGO
ROBERT FRANKLIN MCCLATCHEY
JOHN CHARLES MEGRAN
WILLIAM WARREN MEYER, JR.
JOSEPH TREVER MORTIMER, with Honors
ALLAN PAUL NELSON
EDWARD WILLIAM NICEWICK, JR.
DANIEL JUDD NICHOLAS
GEORGE LEO O'CONNELL
THOMAS EDWARD OLER
JAMES JACOB PACKTOR
ROY JOSEPH PESAVENTO
DOUGLAS ROBERT PICHT
RICHARD MARSHALL RAEMER, with Honors
EUGENE FRED RINGSTAD, with Honors
LOUIS FRANK RODINO
ROBERT RICHARD SALABA
STANLEY HASKEL SHEPARD
JOHN LEO SLY, with Honors
WILLIAM SOULE, with Honors
DANIEL ERNEST STARK
ROBERT FREDERICK THOURSON
ALBERT FRANK TRAKINAT
KENNETH FAY VAIL
BOBBIE GORDON VEST
GORDON THURLOW VOKES
WALTER HENRY VOLKMANN
DOMINIC JOSEPH VOTA
JAMES CECIL WALKER, JR.
NICK WINGERT
EARLE ELBERT ZATLOUKAL

In Management and Marketing

HARRY SUTTON ANDERSON
DEAN CHARLES BAMBINI
CHARLES NORMAN BERNSTEIN
VELMA MARIE BLAND
IRWIN JOSEPH BLITSTEIN
ROBERT LEWIS CARPENTER
NORMAN CHAUNCEY
EUGENE ROGER CLAYPOOL
THIEL PHILLIP COHEN
CHARLES RAY DIPPEL
SHELDON LEE EICHEN
HOWARD EISEN
LEONARD EISENBERG, with Honors
THOMAS OWEN FINLEY
PHILIP HENRY GUETTEL
EUGENE HENRY HOFFMANN, JR.
WILLIAM DEAN HOUGH
JOSEPH EDWARD HOWELL
ROBERT WILLIAM IRWIN
DORIS ELAINE KOTEK
GLEN WILLIAM KRIEG
GEORGE HOUSTON LANDIS
CARTER NOEL LE BEAU
JOHN WARREN LUSK, JR.
JOHN DUNCAN MAVOR
ELWIN FLOYD MESSERALL
LLOYD WAYNE MOORE
RICHARD LESLIE MOSSMAN
ROBERT JOSEPH MOTTET
LAWRENCE EDWARD NEEDHAM
EUGENE GERARD PIAZZA
RICHARD LEO QUINLAN
WILLIAM FRANCIS RING, JR.
JACK GEORGE JOSEPH RONCHETTO, with Honors
IRWIN RUBIN
DAVID MCNAIR RUND
JOSEPH ALLEN SANDERS
ROBERT LOUIS STEVENS
RAYMOND EUGENE WALKOWICZ
GEORGE GENE WALTHIUS
ROBERT JOHN WELSCH
LAWRENCE MARKEL WESTON
BYRON JAMES WHEELESS
DAVID GEORGE WRIGHT, with Honors

In Marketing

ARTHUR TADAKIYO ABE
RAY LEE ALLEN
LOREN DEAN ALPERS
WILLIAM ALBERT ALTER
HARVEY M. ASHER
EVERETT BAREL
WILLIAM EDWARD BARZ
JACK WENDELL BELLINGER
JEROME LOUIS BERKOWITZ
GERALD BERNSTEIN
ROBERT WARREN BLUCKE
HOWARD ZACHARY BLUM
NORMAN EDWIN BORGESON
JOAN FRANCES BRUGGER
EDWARD WILLIAM BUKOVSKY, with Honors
FRANCIS MAURICE CALLAHAN
JOHN THOMAS CALLAHAN
JAMES REID CAMPBELL, JR.
WILLIAM CHARLES CEDERBERG
BILL NICHOLSON CONARD
JAMES LEWIS COX
RAMON EUGENE DALE
JULIO PATRICK D'ALESSANDRO
JAMES BURTON DEGENER
RALPH EMERSON DEWERFF
LAWRENCE M. DIAMONDSTONE
ROBERT PHILLIP DORF
RICHARD JAMES FELBER
MARTIN ALEXANDER FINDUR
STANLEY FISHNER
CHARLES WILLIAM FRANK
STEPHEN CHARLES FRENCH
HAROLD FREDERICK FRITSCHER
RICHARD GUSTAVUS FUCHS, JR.
WILLIAM THOMAS GATZIOLIS
LESLIE ANTHONY GEORGE
ROBERT MAX GREENAN
CATHERINE LOUISE GRIESEDIECK
KENNETH MYHRE GUNSTEENS
RALPH GORDON HEALY
FRANCIS GENE HEAVEY
STUART ALLAN HELFFRICH
LARRY DONALD HOLLANDER
JACK DEAN HORNECKER
HAROLD JACOBSON, with Honors
THADDEUS KAMINSKI
CHARLES MARVIN KARDON
LAWRENCE GERALD KASSOVER
HORACE ABNER KELLEY
EARL WILLIAM KINAST
JOSEPH S. KIRSHNER
STANLEY HOWARD LADER
CAROLUS RAYMOND LAMARCHE
JOSEPH JEROME LA ROCQUE
JOHN ENGSTROM LATEER
SHELDON MAURICE LEE
DARIO SALVADOR LENCIONI
CLARENCE ROBERT LINSKY
DAVID LOGAN
WILLIAM MICHAEL LOWRY
EARLE IRVING MAGID
ROBERT EMANUEL MANN
ROBERT RUSSELL MAPLE
EDWARD JOHN MCARDLE
ROBERT COOKE MCBRIDE
THOMAS OWEN MCDONOUGH
JACK COLLYER MCKINZIE
JOHN JOSEPH MILLER
BARBARA LUCILLE MOURITSEN
RICHARD ANDREW MURPHY
JOHN ADOLPH NELSON, JR.
BEN OVERSTREET
DONALD MERLE PEDDYCORD
ROGER ERIC PERERS
GERALD WINSTON PERRY
ANTHONY ROBERT PIAZZA
PEGGY LOUISE POOL
HAROLD CLARENCE PRICHARD
NORMAN ANTHONY PRUSINSKI
HERBERT LEE RAPHAEL
HARRY EDWARD ROETHE, JR., with Honors
JULIAN MORTON ROSENBERG
DOROTHY MAE RUST
PAUL HAYWARD SAPP, JR.
WILLIAM RICHARD SCHNIRRING
GORDON DOUGLAS SEATOR
COMA WELLINGTON SEITZINGER
CLIFFORD ALBERT SELL
DONALD E. SHEARBURN
STANFORD HOWARD SHOLEM
GEORGE VINCENT SLEVIN
HAROLD RICHARD SMITH
RAYMOND RUSSELL STEWART
GORDON CHARLES SWANSON, with Honors
JEROME TENENBAUM, with Honors
CHARLES PAUL TOMCHEK
RAYMOND JOSEPH TWERY, with Honors
CLIFFORD ELLIS TYLER
RONALD ALLAN WEINRESS
JAMES WILLIAM WELLS
JAMES HARTLEY WINANS, JR.
WILLIAM EIDAM ZACHER
ROBERT EARL ZIMMERMAN

SCHOOL OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Journalism

CHRISTOPHER JOSEPH AGRELLA
MIRIAM JANE AMBROSE
HARLEY ERNEST ANTHONY
ROSCOE EDWARD ARTHUR
MAURICE MARTIN BALSON
MARION EDWIN BARTOSIAK

ROBERT NOEL BAUER
JOAN CHARLOTTE BERGQUIST
DOROTHY ELEANOR BERGST
THEODORE BERLAND
EDWIN ARTHUR BIHL
GEORGE JACOB BOPP
WILLIAM MACK BRADY
RICHARD NORMAN BRAMS
JOAN KATHRYN BRITTIN
WINIFRED ELIZABETH BROWN, with Honors
HAROLD ROBINSON BRUNO, JR.
DONALD IRWIN BURNS, with Honors
ROSE MARGARET CAPODICE
MARY CATHERINE CARLSON
JOHN EDWARD CHALMERS
LILLIAN AHLGRAIN COLLINS
EDWARD JOHN CONNOR, JR.
CECILE WEXLER COOPER
ROBERT MORRIS CORBETT
CHESTER FRANCIS CRAFT
SHIRLEY GENE CUNNINGHAM
GENE DIVINE
MARY BERTHA DOBSON
ROBERT BARNETT DOWNS
GEORGE MARION DRAKE
NADINE ANN DUERWACHTER
ROBERT EDWARD DUNN
GUY WILLIAM EISENHUTH, JR.
ROBERT HOWARD ELLIOTT
ROSS ELLIOTT
HELEN LOUISE FALKENROTH, with High Honors
NANCY KEITH FANSHIER
WILLIAM HORACE FARRELL
MORTON FINKLE
ROBERT JOSEPH FITZGIBBON
JOSEPH JAMES FOUCHARD, with Honors
PAUL FRANCIS
RENEE FRANKEL
REX GENE FRENCH
ROBERT CHARLES GAND, with Honors
KENNETH JOSEPH GELMS
RONALD JOHN GUILD
LEO GUTMANN
MARY ANNE HAMILTON
MARY LOUISE HAMILTON
HELEN JOAN HASTY, with Honors
ROBERT SALEM HEIMAN
CLARENCE ORIN HINDERER, JR.
PATRICIA JO HOLT
WILLIAM MATHEW HONIG
MARY RUE HOWARD
CALVIN EDWARD HUGY
CORINNE SHIRLEY JAFFE
PHILLIP ADLAI JAMES
JOHN LEWIS JANOSIK
BEVERLY FERNE JANOV
CAROL MARIE JOHNSON
MORTON KAPLAN
ARTHUR EDWARD KARLAN
MONROE WILLIAM KARMIN
RICHARD FRANCIS KILLELEA
RALPH DAVID KRUBECK
SHIRLEY ELLEN KRUEGER
MILDRED KURCHITZER
DONALD GEORGE LAIBLE
JEROME HERBERT LOEB, with High Honors
BEVERLY ANNE LUNDBERG
JANICE WINIFRED MACDOUGALL
JOHN WARNER MARCUS
DAVID WILLIAM MEUSER
ALLEN CLINTON MILES
JACK MILLER, with Honors
WILLIAM ANTHONY MINDAK, with Honors
ROSEMARY AGNES MORTHORST, with High Honors
WILLIAM NEWTON MUSTER
CHARLES JOSEPH NEARHOFF
HAROLD FREDERICK NEUBAUER, with Honors
SHIRLEY MILLER NEWMAN
JOYCE CORRINNE OLIN
WILLIAM FRANCIS PATRICK, with Honors
HENRY PONLEITHNER, JR., with Honors
RICHARD FRANCIS PRINDIVILLE
NORMA JEANE PRUDENT
STEWART WILLING RAMSEY
JOHN ALBIN REGNELL
GEORGE RAYMOND REICH
GERALD LOUIS REICHARD
MARIE ROTH RENO, with Honors
FRANCIS THEODORE REUTER
FRANCINE PELLETIER RICHARD
NORMAN RICHARDS
JAMES RAY ROBINSON
ROBERT MILTON RODERICK
GLEN WILLIAM RUSSELL
JOHN FRANCIS RYAN
JUNE RUTH SALEY
BETTY JANE SANDERSON
CHARLES HAROLD SANDLER
GENE LOUIS SANDMAN
MARY SAVINA
ROBERT DEAN SAYLES
STEPHEN GEORGE SCHICKEL
WILLIAM JOSEPH SCHMELZLE
THOMAS PAUL SCHOENDIENST, with Honors
ALICE DORIS SCHWARZ
BARBARA JEAN SEAY
JAMES HOUGHTON SEDGWICK
BARBARA ANN SEYMOUR
ROBERT COLLINS SIMPSON
HOWARD LEE SNOWDEN
VIRGINIA MARGARET SORSEN
ROZANNE SPEARS
RICHARD JOSEPH STANCLIFFE
RUSSELL WILLIAM STEGER
MARION STANLEY STEPHENSON
FELIX THOMAS TANCULA

James William Terry
Irene Lillian Ther
Vanna Joy Thorman
William Dean Thrasher
Vivian Harris Tichenor
Russel Robert Viehman
Steve Lawrence Vlasich
Leonard Pope Weber
Mary Ann Weeks, with Honors
Edwin Tadeus Wilk
Samuel Kendall Wilson
Betty Zidell
Paul Kenneth Zilly

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architectural Engineering

Delburt Everett Allison
Ivan George Anderson, Jr.
Gilbert Merchant Beatty
Edward Mathew Borre
Thomas Graham Bradley
Walter Warren Brown
David Bernard Cohen, with Highest Honors
Leroy Myron Cohen, with High Honors
Lawrence LeRoy Dobyns
Martin David Dubin
Delbert Louis Dudenbostel, with Honors
Robert Wilbur Eby, with Honors
John Andrew Erickson
Ronald Webster Felt
Albert Wolfgang Friedland
Andre Gay
John Henry Geiger, with Honors
Robert Ernest Hays, with Honors
Watson Arthur Healy
Thomas Joseph Hickey
Walter Ellsworth Houghton, Jr.
Dexter Inman, with Honors
Malcolm Bryant Jaseph
Robert Edward Kain
Arthur Jess Kaulfuss
Howard Edwin Kessler
Harold James Koca
Orville Irvin Kurtz
Carl Martin Lindstrom
Edward George Maliskas
William McRae Mattingly
Marvin Meyers
Walter John Mier
Robert Delos Moulton
Robert Gene Neal
Roger Orkin
Albert Osran
Guy Charles Parker
Adrian Mount Pearsall
Victor Pojman, with Honors
David Keith Pyle, with High Honors
Edward Daniel Rechel
Kenneth Merl Rhodes
Duane Barr Rowe
Albert Ferdinand Sedeen
John Edward Severns, with High Honors
John Robert Skinn
Thomas Anthony Smith
Donald Fraser Stewart
Floyd David Stewart
Howard Tattnall Story
Abe Tannenbaum
Miguel Vasquez, Jr.
John Thomas Wallace, Jr., with High Honors
Robert Edwin Williams
James Darse Woods
Arnaldo Zancaner

In Architecture

Carl William Almblad
Robert Lee Applegate
William Hamilton Arthur, Jr.
John Aubrey Banks
James Merrill Battersby
Albert Belrose
Hildegarde Ingraham Bergeim, with Highest Honors
Irwin Berkun
Robert Eugene Boles, with Honors
Donald Louis Brooks-Miller
Harry Noble Caldwell
Kenneth Xavier Carey
James Lee Caron
Daniel Comm
Edson Greenlee Connell
Dewey George Dearing, Jr.
Morris Vernon Doyle, with Honors
Clifford Ray Fields
Samuel Gerald Footlik, with High Honors
Robert Wade Forsythe
Henry Robert Gabriel
Charles Ellis Garrison
William Franklin Golding, Jr.
Nancy Heal
Glenn Charles Hjort
Quentin Norbert Hofman
John David Hubbard, with Honors
Gordon Marvin Ihbe

ROBERT LEO JABLONSKI
ARTHUR JESS KAULFUSS
CONRAD STEVEN KRISTMANN
ALBIN EDROY KUBALA
JACK MARTIN LEVIN, with Honors
LEE LIPSON
PAUL JAMES LOUGEAY
WALTER MANNABERG
ROGER CALVIN MELLEM
KENNETH HARRISON MENDENHALL, JR., with Honors
IRVING MOSES
DONALD SCOTT MURRAY
ROBERT JOSEPH NELMAR
HOWARD NICKERSON, JR.
EARL WILLIAM PARGE
DONALD VICKREY PATTON
LESTER WILBUR POKLEN
DANIEL DAVID REGINATO
ALPASLAN REYHAN
MARILYN LORINE ROHE
ROBERT OLIVER ROY, with Honors
ARTHUR HERMAN RUDE
WILLIAM JOHN SCHEIDEMANTEL, with High Honors
EMERSON CASTER SCHOLER
PAUL BRENDEN SHEEHAN
ROBERT JERRY SIDLO
ROBERT ALBIN SOELLNER
DONALD EDWIN STOLL
ROBERT BRENNEN SULLAN
NORTON SAMUEL SUTER, JR.
ROBERT MILTON TENNANT, with Honors
ARNOLD WILBUR THOMPSON
GUNNAR THORESEN
WILEY JAMES TILLMAN, with High Honors
JOHN JAMES TRUEMPER, JR., with Honors
ROBERT DOUGLAS WARNER, with Honors
LLOYD JACOB WEBER
FRANK XAVIER WEINERT, with Honors
RICHARD EMERY WHITE, with Honors
HAROLD WIENER

In Landscape Operation

ROY FREDERICK CLAVEY, JR.
EDWARD SPEER REID
GEORGE FREDRICK ROSS

In Music Education

PHYLLIS LLEWELLYN ANOVITZ
GRACE OLGA BALAZS
EVELYN BLACKMAN
FLETA MAE BEISNER BOYD, with Honors
ANNE BURSTER
JUANITA JEAN DAVIS
AMY FUHRBERG
JOAN LATOWSKY GLEASON, with Highest Honors
BARBARA ANN GRUMLEY
EUGENE LEE ICE
EUGENE WALTER LOFTISS, with Honors
DARRELL KEITH MCCARTY, with Honors
HAZEL LAVERNE MEERS
RODNEY LEMOYNE MILLER
JOAN MAE OPPELT, with High Honors
RICHARD AUSTIN OVERBEY
RUSSELL ORIS PUGH, with Honors
NANCY ROSE
WESLEY QUAYLE STELZRIEDE, with High Honors
BARBARA LEE STEWART
FRANK IRWIN STOCKSTILL
DAVID WALTER TUCKER, with Honors
ROBERT KARL WEBB

Degree of Bachelor of Fine Arts

In Advertising Design

HOWARD ALFRED BURGDORF, with Highest Honors
JOSEPH CULOTTA
ARTHUR DANNER, JR.
JEAN DANIEL DEVAUD, with Honors
WANDA DELLE HAHN
ROBERT ERNEST VOGELE, with Highest Honors
HERSCHEL JOSEPH WARTIK, with Highest Honors
CHRISTOPHER JOSEPH ZAJIC

In Art Education

HAROLD HARMAN ALEXANDER
JANET WELLINGTON CARSON, with Honors
DANIEL ADOLPH COHEN
MONA LYNNEA DEAN
PHYLLIS DONOHOE, with High Honors
NORMA LOUISE GIDDINGS
MARJORIE ROBBINS KNAUSS, with Honors
LUCILE STICE KNIGHT
ALICE WYMAN MILLER, with High Honors
FRED DAVID PETING, with Honors
MARJORIE LEE SHEARER
RAMONA ALICE TARRANT
NORMAN BERTRAM VAN KOUGHNETT
JOAN MARY ZIV

In Industrial Design

WALTER BAKER, JR.
HENRY HERMAN BLUHM
JOHN ROBERT CARLSON
JOAN FAGERBURG, with High Honors
HUGH DANA HUBER
EDWARD JOSEPH LALLY
CHARLES VINCENT LAROCCO
STEPHEN DAVID NAPIER
JAMES LYELL SCHUCKER
EDWARD JOSEPH SEILER
EARL STEINKE

In Landscape Architecture

HAROLD ARTHUR CARLSON
THURMAN DEHART DONOVAN
TOM SHERMAN HAMILTON, JR.
HENRY GERHARD HENDRICKSON, with High Honors
NANCY ANN HOPKINS, with High Honors
PHILIP HOWARD LEWIS, JR., with Honors
THOMAS ELDON MOORE
ROBERT HOWARD MYERS
PAUL MARTIN NOVAK, with Honors
OTTO PAUESICK, JR.
CLIFFORD EUGENE ROWE
MARGARET ANN SINCLAIR

In Painting

RUTH ELLEN AKEY
FLORENCE LOU BECHTOL, with Honors
CHARLES JOSEPH GRAHAM
CARL RANDALL HELDT, JR.
DONALD WALLACE HOLST
ANNE JAESCHKE, with Honors
BENJAMIN WHARRIE LAWLESS, JR.
CAROL LAVERNE MARQUARDT
ALICE JANE BROWN MYERS, with High Honors
FREDERICK WILLIAM VOELPEL
DELORES BOURAS WALLACE, with High Honors

Degree of Bachelor of Music

BARBARA ANN GARVEY, with Highest Honors
TRENT SIMON KNEPPER
DARRELL KEITH MCCARTY, with Honors
MAE PELLER, with High Honors
DONALD EUGENE STOUT, with Honors

SCHOOL OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

JAMES ETHRIDGE AARON
ALLYN BOOKER ALLEN
DENMAN JOSEPH BASSETT
ARTHUR EDWARD BLECKE
THEODORE BOCKMAN, JR.
MARY LOUISE BUTTERFIELD
LYLE ALVIN BUTTON
DONNELLE DEAN CHAPLIN
LOUIS COTOVSKY
GEORGE JOHN MICHAEL DAYIANTIS
CHARLES ELRIE DIAL
WILLIAM O'NEAL EDWARDS
ALBERT DUWAYNE ELLSWORTH
BERTIL WILLIAM ERICKSON
DOROTHY HELEN JANE FISHER
MELBA ROSE FRANK
JANET CLAIRE FRAZER
LORRAINE MARIE FREZZA
JESSIE FUJITA
THOMAS DIMITRI GACHI
ROY JAMES GATEWOOD
JOSEPH GIAGNORIO
EVERETT GEORGE HALL
JOSEPH CHARLES HAYER
HOWARD MILTON HOLMGREN
GEORGE ROLLIN HOOVER, with Honors
BERNARD WILLIAM HURLEY
LOUIS MELVIN IRONS
ELLIN HINTON KAUFFMANN
DAVID RALPH KENNEDY
WILLARD EUGENE KENNEY
PAUL WALTER KRATZ, JR.
ELAINE KROLL
GWEN ADAIR LAUFER
BERNADETTE ANN LONGAWA
EDWIN CHARLES LUNDIEN
WILLIAM CLARENCE MANN
VIRGINIA LEE METZLER
DON ELTON MILES
BERNARD JAY MILLER
BENTON DEMPSEY ODUM
RAY CHALMER O'NEAL
GEORGIA ANN PAHLOW
DOMENICK JOHN PECCHIA
HERBERT EUGENE PLEWS
JOHN WALTER RUSHIEWSKI

BURTON J. SCHMIDT
ELMER ARTHUR SCHOLER, with Honors
WALTER CARL SIEBOLD
GUS SKIZAS
MARCIA JANE SPAETH, with Honors
LESLIE SPARREY
EDNA SPEAR
EDWARD ALBERT STARKS
THOMAS CRAWFORD STEWART
STEVE SUCIC
FREDRICK THOMAS TAMEN
ANGELO ARTHUR TIRITILLI
PATSY PERNETTE WAGNER
LOUIS WILLIAM WAPPEL
DAVID CLINTON WOODWARD
CLARE RAY ZIMMERMAN

In Recreation

HENRY ALBERT PLAIN
KENNETH ALONZO WAITY

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

WILLIAM ADAMS
LOUIS WALTER ALEXANDER, JR.
JEAN GEORGE ALFERS
HERMAN ROLLIN ALLEN
DOUGLAS HANS AMUNDSON
DARREL MARTIN ANDERSON
DONALD EUGENE ANDERSON
HENRY ANDERS ANDERSSOHN, JR., with High Honors in Art
DALE ROBERT ARVIDSON
ALBIN JOSEPH AUGUSTYN
GEORGE BAHRY
PHILIP ANTHONY BAIN
ROY BERNARD BALDER, JR.
EARL THOMAS BALKUM
FRED ANTHONY BARNABE
ROBERT ESMOND BARNETT
RALPH LUVERNE BEASON
IVAR BEN BENTSEN, with Honors
RONALD EUGENE BLACK
GEORGE SHELDON BLANCHARD
MERRILL YALE BLOCK
BERNARD CORMAN BLUMENTHAL
ORVILLE GUS BOLTE
IMOGENE BOTTOMS
JAMES PHILLIP BRADLEY
JOHN MARSHALL BRANION, JR.
JOHN CARTER BREARLEY
JEROME BRESSLER
EUGENE HORACE BRIDGES, JR.
WALTER MANNING BRIGGS
ERWIN RISLEY BRIGHAM
FREDERIC WILLIAM BRODIE
GLEN DONALD BROWN
JOHN POWERS BRUNDAGE
SEVERYN TEN HAUT BRUYN, JR.
ALAN DEAN BUCK
JAMES WILLIAM BULLOCK
ROGER STANLEY BUMSTEAD
RUSSELL IVAN BUNN
RAYMOND LEWIS BUTCHER
JOSEPH ANTHONY CALVETTI
WILLIAM CARROLL CAMPBELL
JOHN DAVID CAPPS
JOHN CLARK CARTER
RICHARD MILES CHELOTTI
IRVING ABEL CHESLER
JAMES BERNARD CLARK
ROBERT FRANKLIN CLAXTON
BERNARD BEN COHEN
DAVID SAUL COHEN
JOHN DEBRATH COMPTON
JAMES EDWARD CONRAD
FRANK DEVINE COOKE
FRANK WESLEY COPELAND
FREDERIC OTTO CORRAN
WILLIAM ELLIS CREEK
ARTHUR JAMES CREIGHTON, JR.
GEORGE KILPATRICK CRICHTON, JR.
SAMUEL BYRON CRISPIN
HUGH EDWARD CROSS
JACK LESEMANN CROUSE
JAMES EVANS CROWELL
THOMAS ROBERT CZAJA
DONALD RICHARD DAVIS
WILLIAM LESLIE DAVIS
LYLE CLAIR DENTINGER
JOHN CALVIN DEVINE
ALOYSIUS JOSEPH DIDIER, with Honors
CARL EDWIN DIECKMANN
BERNARD WILLIAM DIEMER
ALBERT ANTHONY DILGER
LOUIE MAX DIXON
HUBERT DEAN DODDS
CHESTER FRANK DOROBA
RODNEY VAUGHN DOUGHERTY
HERBERT GLENN DRAKE, JR.
JAMES ROSS DUNCAN
DAVID DEWEY DYER, JR.
VERN ELMER ECHOLS
MELVIN ALLEN EDELMAN
ROBERT FRANCIS ELLENA
DANIEL HENRY ELSE
MAXWELL JAY EPSTEIN
HOMER JEROME ERZINGER, JR.
JAMES WILLIAM EVERHART, JR.
ROBERT DEAN FAGALY
GILES STOLP FARMER
ANDREW FRANCIS FAY
CARL LEO VICTOR PETER FEDERICI
MYRON ROBERT FELDMAN
ROBERT JULIAN FELLOWS

Earl Edward Fenner
Robert Faulkner Fenton
George Albert Fischer
Donal John Fisher
Harold Edward Fitzgerald
George Huston Flower
Darrell Maynard Forbes
Paul Dow Foster
James Ambrose Francoeur
Frank Henry Frandsen
Harmon Clarence Freeto
Richard Neil Frost
Mark Henry Fry
Vernon Keith Fuller
Theodore Funnekotter
Joseph Francis Gambino
Edward Bruce Gasser
George Weber Gassmann
Harry Charles Gersbaugh
Eugene Adolph Giesler
Harold Carl Gohl
Howard Henry Gohl
Norton Robert Goldberg
Albert Joseph Goldstein
George Herbert Gordon, Jr.
Roger Paul Gosswein
George Edward Graziadei
William Kelts Green
David Anthony Grobl
Harold Andrew Gundersen
Mel John Gutstadt
Paul Milton Haines
Thomas Bashore Hallman
Julius Ellsworth Hammack
Charles Porter Hammersmith
Ronald Roman Hanzl
William Carlton Harcourt
Robert Leon Hardin
Donald Jack Harper
Jevne Haugan
Darrell Neil Helmuth, with High Honors in Geology
Leon Herzog
Glen Edgar Hesler
James Alexander Heuer
Theodore J. Himes
Eugene Earl Hixson
Morris Glenn Hocutt
Arvo Edwin Hokans
George Hoogasian
Daniel Edwards Hooton
Victor Ramsey Horton
Kenneth Richard Howarth
James Alfred Howden
Robert Bernard Hudak
Stanley Earl Huffstutler
Raymond Huggins
Whitfield George Hughes, Jr.
Jere Lee Hulson
John Bergess Hultgren
James Richard Hunter
James John Husa
Paul Eugene Huston
Ralph Vernon Hutton
William Charles Jackson
Charles Haskle Jacoby
Daniel John Janus
Charles Richard Jelliffe
Harold LeRoy Jensen, with Honors
James Clifford Jessen
Achmed Lawrence Johnson, Jr.
Carl Francis Johnson
Fletcher Gilbert Johnson
Kenneth Edward Johnson
Robert Ernest Johnson
Robert Charles Kaufmann
Hartwell Charles Keith
Burt Henry Kelly
Harry John Clare Kelly
Robert Edward Kelly
Eugene Weldon Keplinger
Walter Thomas Kersulis
Harris Leonard Kimball
Robert Astor King
Robert Andrew Kingery
John Anthony Kittermaster
William Edward Klein
Robert Eugene Kofoed
Theodore Constantine Kontos
Romuald Kowalewski
John Frederick Kraeger
John Donald Krebs
Howard Krom
Oscar Arthur Krueger
Raymond Edward Krueger
Richard Lee Kruse
Joseph Adrian Labrecque
Glenn Robert Landen
Andre Ernest LaPointe
Leonard M. Lappe
Robert Dale Law
John Allen Leemon
Keith Thomas Lercher
Melvin Benson Levitt
James Blakely Lohr
Michael Edward Lynch
Richard Ryan Lytle
Kenneth Ballantine Maack
Gordon Low MacAdam
Axel Harry Magnuson
Richard Knudt Malm
Hillard Harry Mandell
Richard Paul Manthey
Leland Dexter Mapes
James Leslie Marmion
Joseph Ignatius Martin, Jr.
Earl Edwin Matthews
James LeRoy Maurer
Merrill James McAllister
Howard Jennings McBride
Fred John McCarthy
James Calvin McCray
Richard Neil McKelvey
William Levi McKenzie

CHARLES JAMES MCLEAN
JACK WALKER MCMORROW
ROLLAND DELANE MCMULLEN, with Honors
ROBERT DOUGLAS MCNEIL
WILLIAM ALBERT MEADER
EDWIN DALE MELLON
FREDERICK JOB MERSBACH
MELVIN LEONARD MEZOFF
JOSEPH FRANK MICOLI
JOHN ALEXANDER MIHALKANIN
JOHN CLARK MILLER
CHARLES HOLLAND MILLSPAUGH
ROBERT JUSTIN MILUM
JAMES ORAN MITCHELL
WILLIAM CHARLES MOORE
WILLIAM LOW MOORE
THOMAS FRANCIS MULLAHY
KARL FRANKLIN MUNSON
JOHN MURARO, JR.
FRANK MURPHY, JR.
GERALD LEON MURRAY
MARSHALL CARL MUSSAY
RICHARD DWIGHT MYLIUS
WILLARD ELDRIDGE NAGLE
RAE ELKIN NEHLS, JR.
GEORGE EDWIN NELSON
ROBERT JAMES NEWELL
EDWARD MARVIN NEWMAN
JOSEPH PETER NICOLOSI
ROBERT WILLIAM NISSEN
JUDSON WILFRED NOBLE
ROBERT HOWARD NORWOOD
ROBERT JAMES NOVAK
CHARLES JAMES O'CONNOR
HARVEY RICHARD O'CONNOR
JOHN WESTER OLANDER
KENNETH ALLAN OLSON
BURDETTE GLENN OLTHOFF
JOHN COLLINS O'NEAL
CHARLES ALBERT PALIS
JAMES JOSEPH PARDIECK
PAUL LAWRENCE PATTERSON
BRUCE VOLNEY PENWELL
THEODORE JOSEPH PETERSON
WAYNE RICHARD PHILLIPS
STANLEY MELBOURNE PIERCE
EDWARD FRANCIS PINGER
STANLEY PLACEK
JACK WILLIAM POLIVKA
PETER RAYMOND PONTON
JAMES ROGER POWERS
JOHN TARBELL PRATT
KENNETH GORDON PRIBBLE
BENJAMIN MONTAGUE MAY PRICE, JR.
THOMAS SPENCER PRICE
ROBERT BENTLEY QUICK
ROBERT LAWRENCE QUICK
RICHARD AUGUST RADTKE
RAYMOND WALLACE RALL, with Honors
JOHN EDWARD REGAN
ROBERT DEAN REYNOLDS
DONALD HERMAN RICE
JOHN LEE RIFE
JAMES MORTON ROACH, JR.
JAMES ARCHIE ROBISON
SEYMOUR HAROLD ROGOFF
HENRY ANTHONY ROLEWICZ, with High Honors in Chemistry
LINDO DAN ROMANI
JAN BERTOROTTA ROOSA
JACK WILLIAM ROOT
CLIFFORD MYRON ROSEN
THOMAS LOUIS ROSENBERG
ROY CHARLES ROSS
LLOYD LEROY RUDESILL
ORLIE JOSEPH RUE
RICHARD WILLIAMS RUEHE
WALTER WILLIAM RUST
EDGERTON RAMSAY SAATHOFF
DON CARLOS SALISBURY
HAROLD LEE SALTSGAVER
BERNARD FRANK SCHLESINGER
JACK EUGENE SCHULTZ
RALPH EMIL SCHUMACHER
ARTHUR CLIFTON SCHUTT
ARTHUR EDWARD SCHWEIK
MICHAEL JOHN SCHWETZ, with High Honors in Psychology
ERNEST RICHARD SEELING
DANIEL JOSEPH SHEEHAN, JR.
WILLIAM WAYNE SHEPARD
THOMAS WILLIAM SHERARD
MELVIN DEVERE SHOLL
WILLIAM JAMES SHRAMEK
DONALD ALLEN SILVERSTONE
ARTHUR DONALDSON SIM
LESTER SIMON, JR.
HERBERT SLUTSKY
DON MERRILL SMART, with Honors
WARD COLLEY SMIDL
DURWARD BOND SMITH
HARRY CURTIS SMITH, JR.
JULIANNE MARIE SMOKOWSKI
ROBERT DEAN SNYDER
RICHARD CHARLES SPRING
HAROLD IRVING STEIN
FRANCIS LEWIS STEPHENS
ROBERT WIRTH STEPHENSON
JOHN NORMAN STERNER, with Honors
ELTON STANFORD STEVENS
JOHN LANDEE STEVENSON
JOHN NORMAN STEVENSON
NOBLE HENRY STIBOLT
ELBERT LEE STOCKS
RAYMOND HOWARD STONE
ROBERT LEROY STONE
JOHN JAMES STROUD
ROBERT WOOD SUDBRINK
ROBERT ROLLAND SURYK
IRWIN LAWRENCE SVOBODA
MYRON SIDNEY SWARTZ
BARTON LEE SWINDALL
LUCILLE WILSON TALIAFERRO
NATHAN TARNOFF
HERMAN ALBERT TEBRUGGE

RUDOLPH WILLIAM THOMAS
STANLEY JERRY THOMAS
WILLIAM ALFRED THOMPSON, JR., with Honors
RAYMOND TIMPONE
JOSEPH ALLEN TROUTT
NORMAN ERIC TRUITT, JR.
JOHN WILLIAM TUCKER
JAMES BYRON TUTTLE
WARREN THEODORE VANNICE
RICHARD JOHN VIBELIUS
RICHARD HAROLD VOSHALL
ARTHUR FAULKNER VYSE, III
ERNEST HOWARD WALKER
ORVALL J. WALL
JOSEPH KEITH WALSH
WILLIAM MICHAEL WALSH
ROBERT JOHN WARGER
GEORGE CHRISTIAN WARNEKE
ROBERT ALDEN WATSON
TEE VINCENT WATSON
JAMES FRANCIS WEAVER
HENRY JOSEPH WEGER
EARL JAMES WEINCEK
DONALD CASSELS WEISS
JACK ROBERT WESTBERG
ROBERT HYMAN WEXLER
JOSEPHINE LILY WILCOCK
CHARLES EDWARD WILLHITE
MERLE EDGAR WILLIAMS
ROBERT LEE WILLIAMS
GEORGE PHILLIP WILSON
WILLIAM JAMES WINCHESTER
LEROY EUGENE WISNIEWSKI
JACK EMIL WOLLER
WAVERLY ROY WOOD
DONALD DEAN WOODWARD
STANFORD EUGENE WORKMAN
THOMAS JOHIN YANKAITIS
WILLIAM ROBERT YOUNGMAN
HOWARD HO CHOON YUH
LEON NORMAN ZOGHLIN

COLLEGE OF VETERINARY MEDICINE

Degree of Bachelor of Science

In Veterinary Medicine

JOHN ROBERT BAKER
ROBERT GERALD BRAMEL
ROBERT FRANK BUTZOW
KENNETH DWIGHT CAMPBELL, with Honors
JOHN MCCLURE CARROLL
GEORGE FRED FEHRENBACHER
RICHARD BERNARD FINK
WILLIAM PAUL HENDREN
WILLIAM GEORGE HUBER
CECIL RICHARD JOHNSON, with Honors
BOYD BERTON KNUPPEL
ROBERT ALLEN LATHAM, JR.
CHARLES EDGAR LINDLEY
HARRY ADOLPH LOEFFLER
CLIFFORD EDWIN LOOMIS
EARL EDWIN LUTZ, with Honors
EDWARD CLARENCE MURPHY
WILLIAM MORGAN NEWTON
RAYMOND EDGAR OLSEN
HAROLD IRVING PATTERSON
GEORGE CLIFFORD SCOTT
WILLIAM KENNETH SPECHT
OLIVER WILBERT STOWE
ROBERT FREDERIC WHALEN

Degrees Conferred in Chicago

COLLEGE OF DENTISTRY

Degree of Bachelor of Science in Dentistry

(Conferred August 18, 1949)

EDWIN CARLETON BROWN, A.B., North Central College, 1946
ROBERT JOSEPH STENGEL

(Conferred December 17, 1949)

HOWARD APPLE
SANFORD ALVIN BEAR
CHARLES WILLIAM CANTRELL
VERNON RUSSELL DAMER
HARLAN EUGENE FEICHT
WILLIAM FREEMAN
SAMUEL FRIEDMAN, B.S., Central Y.M.C.A. College, 1943
HERBERT JACK GORDON
SUSUMU HASEGAWA
MAURICE HAUPTMAN
HOMER LAWRENCE HEDMARK
MILTON JUNIOR KNAPP
PHILIP JOHN LONG
PHILIP SOLOMON MERZER, A.B., New York University, 1943
LEONARD JOSEPH RICH
WALTER HERMAN SCHNEIDER

Degree of Doctor of Dental Surgery

(Conferred June 16, 1950)

JAMES PERSHING ALLEN, B.S., University of Grand Rapids, 1940
JAMES WILLIAM ANGEL, B.S., 1948
NORMAN RUSSELL ASCHERMAN, B.S., 1948
ROBERT CORWIN BAXTER
EUGENE SCHLEGEL BLAIR
MILTON BLOOM, B.S., Syracuse University, 1938; with Honors
OSCAR BREYER
ERNEST PAUL BRINKMANN
EDWIN CARLETON BROWN, JR., A.B., North Central College, 1946; B.S., 1949
ROBERT PAUL CHAPPELL, B.S., 1948
ALBERT COHEN, B.S., 1948
RALPH DON COVEN, B.S., 1949
JOHN WILLIAM DAVIS
FRANCIS ALOYSIUS DEMIRZA
FREDERICK WRIGHT FISCHER
SAMUEL FRIEDMAN, B.S., Central YMCA College, 1943; B.S., 1949
JIMMIE EUGENE FULLER, B.S., 1948
EDWARD CHANDLER GATES, B.Ed., Eastern Illinois State College, 1938; B.S., 1948
HOWARD R. GREENBERG, B.S., B.S., 1943, 1948
ROY RAYMOND HURST, B.S., 1948
VICTOR SUMIO IZUI, B.S., 1948
HANS GEORG KANT, B.S., 1948
KAY K. KASHIWABARA, B.S., 1948
RICHARD I. KAUFMAN
CHARLES WILLIAM KREML, B.S., 1948
PHILIP HENRY LAURENCE
NORMAN DANIEL LIEB
ROBERT HENRY LUNDGREN
HOWARD WILLIAM MARLEY, B.S., 1948
SHIG JULIUS MASUOKA, B.S., University of Southern California, 1941
JOHN ROBERT MCDONALD
PHILIP SOLOMON MERZER, A.B., New York University, 1943; B.S., 1949
WALTER CHARLES MICHEL
LEONARD BUD MIDDLEMAN, B.S., 1948
KENNETH HAWTHORNE MOORE, B.S., Lincoln University, 1938; M.S., 1940
EARL EVERETTE MORRIS, B.S., Agricultural, Mechanical and Normal College, 1939
RALPH L. ODES, B.S., 1948
MELVIN HAROLD POLLACK
EDWARD S. PROROK
HOWARD WILLIAM REDMANN, A.B., DePauw University, 1943; B.S., 1948
LEONARD JOSEPH RICH, B.S., 1949
WILLIAM JOHNSON ROGERS, B.S., 1942
ALEXANDER JACOB SABO
LEON MARVIN SALTZMAN
WILLIAM SUTHERLAND SHERWOOD
SEYMOUR JEROME SOLOMON, B.S., 1941
GORO JACK SUGA, B.S., 1947
ROBERT HARTWIG SUNDIN
HUGH LEE THOMPSON, B.S., 1948
WILLIAM CLARENCE TINERVIN
JOSEPH TINKELMAN
RICHARD LEO VERBIC
ELIZABETH JUNE ZWEMER, B.S., 1948
THOMAS JOHN ZWEMER

COLLEGE OF MEDICINE

Degree of Bachelor of Science in Medicine

(Conferred August 18, 1949)

AARON JOHN FINK, B.S., University of Chicago, 1947

(Conferred December 17, 1949)

MORTON JERSEY ALEXANDER, M.D., 1947
DEAN ROBERT BORDEAUX, A.B., Bradley University, 1948
CARL EDWARD BURPO, B.S., Southern Illinois University, 1947
LOUIS ERNEST COWSERT, B.S., Southern Illinois University, 1947
JAMES WALTER DAVIS, B.S., Indiana State Teachers College, 1943
JUNE ELIZABETH DEWOLF, A.B., North Central College, 1947
JULIAN WALTER FALECKI
LEROY PAUL WALTER FROETSCHER, B.S., Elmhurst College, 1947
MILDRED JULINA GYLFE, A.B., Cornell College, 1944
ROBERT LOUIS HOYT
HYMAN MAYER JACOBSON, B.S., Central Y.M.C.A. College, 1938
WILLIAM ERNEST LACY, JR., A.B., Talladega College, 1941
EVELYN JUNE LORENZEN, B.S., University of Oklahoma, 1942; Ph.D., Cornell University, 1946
WILLIAM CHARLES MASLOW, B.S., 1947
ROBERT EDWARD MCELROY
DELBURT GRANT HAROLD NELSON, B.S., Wheaton College, 1936
RICHARD WARREN NIXON, B.S., 1943
ARLENE NYSTROM
RICHARD DIGNAN OSLAND, B.S., Southern Illinois University, 1947

JOHN WILLIAMS SCHALLER, B.S., 1947
DEAN BLAIR SMITH, A.B., Wheaton College, 1942
BURTON MCROBERT SUTHERLAND, A.B., Wheaton College, 1947
HENRY HUNTINGTON SWAIN, A.B., 1943
WILLISON I. TAYLOR, B.S., 1947
PAUL GEORGE THEOBALD
DAVID CLARENCE VORIS, B.S., 1947

Degree of Bachelor of Science in Occupational Therapy

(Conferred December 17, 1949)

PHOEBE FRUDDEN

(Conferred June 16, 1950)

MERLE LEE CHAMPNEY
DOROTHY DENNIS
PHYLLIS MARY DOYLE
ELAINE CONSTANCE FELLIOS
ARLINE HOPE GOLDMAN
ROSE-MARIE HOLSTON
PATRICIA LOU HOULIHAN
ELEANORE ANN HURTAK
ANN BETH KEHM
EDITH MICHIKO MAEDA
HELEN STELLA POLENSKE
PATRICIA JOAN TOZIER
K. ALTHEA VOLLAND WALTON

Degree of Doctor of Medicine

(Conferred December 17, 1949)

THEODORE ROOSEVELT SHERROD, A.B., Talladega College, 1938; M.S., University of Chicago, 1941; Ph.D., 1945

(Conferred June 16, 1950)

ROBERT HENRY ALLISON, B.S., 1948; with Honors
RAYMOND LAVERNE ANNIS, B.S., 1948
STANFORD WARREN ASCHERMAN, A.B., Stanford University, 1947; B.S., 1948
ROBERT JAY BAKER, A.B., Miami University, 1947; B.S., 1948; with Honors
JACK RICHTER BALDWIN, B.S., Tufts College, 1946
JOHN MAURICE BERRY
ARTHUR ALLEN BILLINGS, B.S., 1948; with Honors
ROBERT OLIVER BJURSTROM, A.B., Miami University, 1947; B.S., 1948
JOSEPH CHARLES BRETTNER, JR., B.S., 1948
CHARLES IRVING BRINK, B.S., 1948
MARIA PETRO BROLLEY, B.E., Chicago Teachers College, 1943; M.S., University of Chicago, 1946
ISRAEL MEYER CARSON, B.S., Northwestern University, 1947; B.S., 1948
HENRY MINTOURE CASTELLO, B.S., 1948
JAMES BENJAMIN CAULFIELD, A.B., Miami University, 1947; B.S., 1948
SIDNEY COLLENDER, B.S., University of Chicago, 1938
JAMES RICHARD COOPER, B.S., 1948
NOBLE OTTO CORRELL, JR., B.S., Indiana State Teachers College, 1942; B.S., 1948
NADENE COYNE, B.S., 1948
HARRY LOUIS DAVIS, B.Ed., B.S., Southern Illinois University, 1943, 1946
ORVILLE LLOYD DAWSON, B.S., University of Kansas, 1937; B.S., 1948
WILLIAM EMIL DEUTSCH, B.S., 1948; with Honors
DOROTHY RUTH DIETER, B.S., Aurora College, 1942
RUTH EVELYN DIETZ, B.S., 1942, 1948
ROBERT PAUL DORIN, B.S., University of Chicago, 1941; M.S., 1942
BERNARD DAVE EDIDIN, B.S., 1948
RICHARD KARL EIRICH, A.B., Miami University, 1947; B.S., 1948
JESSE EISEN, B.S., 1948; with Honors
EFFIE O'NEAL ELLIS, A.B., Spelman College, 1933; M.S., Atlanta University, 1935; with Honors
CLOYD LEE EZELL, A.B., University of Alabama, 1946
ROBERT MCCLURE FERGUSON, B.S., 1948
QUENTIN GROVE FISK, B.S., South Dakota State College, 1942; B.S., University of South Dakota, 1948
BARBARA JOAN FLUSCH, B.S., 1948
EUGENE ROY FOLK, B.S., 1948
LOIS EVELYN FRIEDL, B.E., Chicago Teachers College, 1945; B.S., 1948; with Honors
CARL MILTON FRIEDMAN, A.B., University of Iowa, 1937; B.S., 1948
SAMUEL CALVIN GALLOWAY, A.B., University of Mississippi, 1947
JULIUS GLICK, B.S., 1948; with Honors
CLARK WARREN GREEN
THEODORE GREVAS, B.S., 1948
MILDRED JULINA GYLFE, A.B., Cornell College, 1944; B.S., 1949; with Honors

ALBERT SIDNEY HAGAN, JR., B.S., University of South Dakota, 1948
FRANK HALDANE HAIGLER, JR., B.S., Northwestern University, 1942; B.S., 1948
ADAM ANTHONY HAJDUK, B.S., 1949
HOMER HARVEY HANSON, B.S., Southern Illinois University, 1946; B.S., 1949
WILLIAM HUNTER HARRIDGE, B.S., Northwestern University, 1946; B.S., 1948
HARRY GLEN HARSHBARGER, B.S., B.S., M.S., 1941, 1948, 1948
ELIZABETH SELEY HEMMENS, B.S., Ph.D., University of Chicago, 1937, 1941; with Honors
VIRGINIA KONZ HENDRICKS, A.B., Olivet Nazarene College, 1946; B.S., 1948
CLYDE LAFAYETTE HENRY, B.S., Philander Smith College, 1941; B.S., 1948
LAWRENCE LEONARD HIRSCH, B.S., B.S., 1943, 1948
MARVIN MUDD HIRSCH, B.S., Lewis Institute, 1940; M.S., 1942
JOHN MATHIAS JACOBOWITZ, B.S., B.S., 1940, 1948
BURTON MARVIN JACOBSON
FRANK JOSEPH JIRKA, JR., A.B., Knox College, 1944; B.S., 1948
MINAS JOANNIDES, JR., B.S., Northwestern University, 1943; B.S., 1948
ELLIS DONALD JOHNSON, B.S., St. Augustine College, 1940; B.S., 1948
ROBERT PETER JOHNSON, JR., B.S., 1943
JAMES PAUL JOHNSTON, A.B., Miami University, 1947; B.S., 1948
RICHARD THOMAS JOHNSTON, B.S., 1942
HAROLD KADE, B.S., 1948
HAROLD ALEXANDER KAMINETZKY, B.S., 1948
LESLIE SHELDON KAPLAN, B.S., Lewis Institute, 1941
JOHN EIKICHI KASHIWABARA, B.S., 1948
AVNER KAUFFMAN, B.S., 1948
ROBERT GENE KILLOUGH, B.S., 1948
GILBERT PERCY KIPNIS, B.S., 1948; with Honors
JOHN JOSEPH KLABACHA, B.S., 1948
ROBERT ELIJAH KNIGHT, A.B., Illinois College, 1947; B.S., 1948
DOLORES EDDELMAN KNOBLOCK, B.E., Chicago Teachers College, 1942; B.S., 1948
ROBERT MORTON KOHLENBRENER, B.S., 1947
WILLIAM ARNOLD KORNBLUM, B.S., University of Notre Dame, 1948
RUTH LEONA KRAMER, A.B., 1941
HOWARD LYNN KUHL, B.S., B.S., 1945, 1949
KENJI KUSHINO, B.S., 1947
WILLIAM ERNEST LACY, JR., A.B., Talladega College, 1941; B.S., 1949
JAMES HOWARD LAMBERT, JR., B.S., B.S., 1947, 1949
JEROME J. LANDY, B.S., 1948
DANIEL ABRAHAM LANG, B.S., 1947
ROSEMARY RITA LARKIN, B.S., 1948
KENNETH WILLIAM LARUE, B.S., 1948
ALVIN JEROME LEEB, B.S., B.S., 1943, 1949
CLARA JULIA LEINBERGER, B.S., Elmhurst College, 1947; B.S., 1948
MARVIN KENNETH LEVIN, B.S., 1948
THEODORE THOMAS LEWIS
CHARLES ALLEN LINKE, B.S., 1948; with Honors
JOHN LOUIS, B.S., 1948
ANTHONY JAMES LUND, A.B., B.S., University of North Dakota, 1946, 1948
LOUIS G. MANN, B.S., University of Alabama, 1942; B.S., 1948
JOHN MARVIN MARSHALL, JR., A.B., Rice Institute, 1941; M.S., 1948; with Honors
GEORGE BURNIE MARTIN, JR.
FRANCIS ANTHONY MATYCHOWIAK, A.B., Miami University, 1947; B.S., 1948
JOHN EDGAR MCLENNON, B.S., 1948
WARREN GORDON MCPHERSON, JR., A.B., Miami University, 1947; B.S., 1948
ARTHUR FRANCIS MEAD, B.S., 1948
JACK LEON MELAMED, B.S., 1948
VIRGINIA LOUISE MORELAND, A.B., MacMurray College, 1942; B.S., 1949
WILLIAM HARRISON MYERS, B.S., Northwestern University, 1946
IVAN CHARLES NEUBAUER, A.B., B.S., 1943, 1949
ELVINA AGNES NEUFELD, B.S., Bluffton College, 1947; B.S., 1948; with Honors
ROSEMARY ELINOR NIEMANN, A.B., MacMurray College, 1946; B.S., 1948
RICHARD WARREN NIXON, B.S., B.S., 1943, 1949
CLARICE ANNABELLE NORDLUM, B.S., University of Minnesota, 1942; B.S., University of South Dakota, 1948; with High Honors
VALDO PETER OLEARI, B.S., Wheaton College, 1943; B.S., 1949
EDWIN ARTHUR OSTER, A.B., B.S., University of North Dakota, 1947, 1948

RICHARD VINCENT OWEN, A.B., Monmouth College, 1946
BERNARD SUTHERLAND PATRICK, B.S., University of Mississippi, 1948
HARRY ALEX PAUL, B.S., 1948
JAMES ARTHUR PAULSEN, B.S., Northern Illinois State Teachers College, 1944; B.S., 1948
HUBERT SAMUEL PEARLMAN, B.S., 1948
MARTIN PEPPER, B.S., 1947; with Honors
THOMAS RUPERT PFISTERER, JR., A.B., Miami University, 1947; B.S., 1948; with Honors
LEONARD NICHOLAS PICCIONE, A.B., Miami University, 1947; B.S., 1948
SHOLEM POSTEL, B.S., University of Chicago, 1945; B.S., 1948; with High Honors
NORMAN EMORY POWERS, B.S., Bradley Polytechnic Institute, 1946; B.S., 1948
MATTHEW BERNARD PRICE, B.S., 1948
ROBERT ALLEN RABENS, B.S., 1948; with Honors
DAVID IRWIN RABINOV, B.S., 1947; with High Honors
LEONARD RACK, Ph.B., University of Chicago, 1945; B.S., 1947
CHARLES ESTEL RAMSEY, B.S., 1949
LESLIE GEORGE REED, B.Ed., Southern Illinois University, 1942
JOHN RICHARD REEDER, B.S., B.S., 1946, 1948
WALDA STAHMER REEDER, B.S., 1948
FRANCIS HAROLD RICHARDSON, B.Ed., Whitewater State Teachers College, 1938; M.Ph., University of Wisconsin, 1941
THOMAS WALTER SAMUELS, JR., B.S., 1948
GEORGE SAXL
KURT OTTO SCHLESINGER, B.S., B.S., 1941, 1948
LIONEL SCHOUR, B.S., M.S., 1947, 1949
MARIANNE SCHOUR, Ph.B., University of Chicago, 1945; B.S., 1948
HAROLD SCHWARTZ, B.S., 1948
JOHN WILLIAM SELLETT, B.Ed., Illinois State Normal University, 1935; M.S., 1935
WELDON GOODWINE SHEETS, B.S., 1948
PAUL WINSTON SHEFFLER, A.B., B.S., 1943, 1949
NORMAN HOWARD SHERMAN, B.S., 1948
RICHARD GLENN SHIFRIN, B.S., 1948
JEROME MARTIN SILVER, B.S., B.S., 1946, 1948; with Honors
BURT SIOKOS, B.S., 1948
LEONARD RICHARD SMITH, B.S., 1948
LORAN EUGENE SMITH, B.Ed., Southern Illinois University, 1942; B.S., 1948
CHARLES OTIS STANLEY, B.S., 1948
RICHARD PERRIE STILL, A.B., B.S., 1943, 1948
ROBERT GILBERT STONE, B.S., The Citadel, 1942
SHERMAN HERMANN STRAUSS, B.S., Illinois Institute of Technology, 1945; B.S., 1948; with Honors
JAMES LAWRENCE STRUTHERS, B.S., Monmouth College, 1946; B.S., 1949; with Honors
HERMAN GETZIE STURMAN, B.S., 1948
JOHN BERNARD SUMMERS, B.S., 1948; with Honors
ALVIN SUSLICK, B.S., 1948; with Honors
NANCY CLAAR TREADWELL, A.B., Smith College, 1944; B.S., 1948; with Honors
GEORGE JOSEPH TURKE, JR., B.S., 1948
HOWARD GUNTHER VAN BUREN, B.S., Wheaton College, 1941
HAROLD SYLVESTER WANDLING, B.S., M.S., B.S., 1943, 1944, 1948
GEORGE DORRITT WHAM, B.S., 1948
JERROLD WIDRAN, A.B., B.S., 1948
RALPH HENRY WIEBER, B.S., 1942
JANET MCROBERTS WOLTER, A.B., Cornell College, 1946
EARL CHANCE WOODALL, B.S., B.S., 1946, 1948
FRANK WRIGHT, JR., B.S., 1948
LLOYD THOMAS WRIGHT, B.S., 1948

SCHOOL OF NURSING

Diploma in Nurse Training

(Conferred June 16, 1950)

NADINE RUTH BREITBARTH
GERTRUDE GENEVA BROWN
MARGARET ANN COLLINS
IRIS JOANNE DAHLSTROM
FRANCES ELEANOR GILLESPIE
FRANCES LEATRICE GOFF
RUTH JEANETTE GORDON
RUTH LOUISE GRUENSFELDER
DORIS IRENE HELFENBERGER
VIVIAN LOIS HOLLY
GEORGIANNA JOAN LUKAS
MARIETTA KATHRYN MILLER
ANNE BENETTA PHILLIPS
JOYCE MARIE PIERSMA
JUNE ROSS
DOLORES EUGENIA UPHUES
PATRIA DIANE VANOY
MABEL TAKAKO YOSHIDA

Degree of Bachelor of Science in Nursing

(Conferred June 16, 1950)

PATRICIA ANN TAIF

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy

(Conferred August 18, 1949)

MARY ANN MATESI BLAHA
ROBERT JAMES BREEN
JERRY JASTROMB
DOH SHIK KIM
CARL GEORGE LINHART
CHARLES EUNHO PANG
HENRY THOMAS SHARP

(Conferred June 16, 1950)

HERBERT H. ALPERT
ELIZABETH MARIE BARWIG, with Honors
EDWARD GOLL BEVERLY
RAYMOND ANTHONY BIEDERMAN
JEAN BOSTRUM
KENNETH ALFRED BOWMAN
HERBERT EDWARD BRAUN
PAUL FREDERICK BRINKMANN
BERTRAM ROBERT BROWN
DARWIN EVERETT BROWNE
JAMES DALE BROWNING
ALFRED FRANK BRZOZOWSKI
WILLIAM ROY BUCK
MILTON GEORGE CHRISTY
NORMAN FRANK CIPOLLE
JACK ELLSWORTH COOK
LOUIS CUBURNEK
FRANK NATHANIEL DEFRANK
STELLA S. DEMETT
WILLIAM JOSEPH DROSTE
TOMMY MELVIN DUGGER
GOODWIN WENTWORTH DUNCAN, JR.
ROBERT DONALD EKLIN
CLARENCE EVANS
FRED FLEISCHER
CHESTER HOWARD GERBER
HENRY EDISON GILBERT
ROBERT ABRAHAM GLASSNER
KEITH GOUWENS
CLURE MCHENRY GRASSEL
CHARLES LAWRENCE GRIFFIN
ROBERT ELMER HAUERT
ROBERT CHARLES HAVRANEK
EDWARD BERRY HEIMBECK
ROBERT LEE HIGGINS
DAVID HOLLAND, with Honors
HARRY IGNATIUS JABLONSKI
FRED MINORU KATSUYAMA
RAY HOWARD KING
SISTER M. HORTENSIA KIZIOR
FLORENCE CHRISTINE KLEE
KENNETH RAYBORNE LOHR
JAMES ROBERT MALLEN
PAUL MARTIN, B.S., Illinois Wesleyan University, 1947
DONALD RICHARD METZGER
MARY MARGARET MIRANTI
JACK CLIFTON MITCHELL, with Honors
TED ITSUSO MIYATA
SAMUEL JOSEPH MLADINER
WINSTON OSCAR MOORE
GEORGE ANTHONY MORAVA, JR.
CLARENCE CLARK MORELAND, JR.
WARREN PHILLIP MOSCINSKI
WILLIAM JAMES MRAZEK
LOUIS BERNARD NEIRA
JOHN HERBERT NEUMANN
PAUL EDWARD NEUMANN
ROBERT ANTHONY PANKAU
WALLACE AARON REITMAN
BERNARD SADKIN
ROBERT HARRY SCHMIDT
RICHARD ANTHONY SCHRANZ
ALBERT HAROLD SCHULMAN
FLORIAN JOSEPH SCHWARZ
HARVEY RANDALL SPRIGGS, A.B., B.S., Southeastern Missouri State Teachers College, 1945
ROBERT WILLIAM STRAUSS
CARL SVETANOFF
EDWARD JOHN SWININOGA
CHARLES JOHN THIEL
SHERWOOD THOMAS
BETTY JANE THOMPSON
CLEMENT FRANCIS VRCHOTA
ROBERT MYERS WATT
ROBERT A. WELLMAN
EUGENE EDWARD WITT
AUGUST CHARLES YOS
WAYNE ALLEN ZIEGLER

GRADUATE COLLEGE

Degree of Doctor of Philosophy

(Conferred June 16, 1950)

In Bacteriology

EDWARD NIMROD PALMER GILMAN, A.B., State University of Iowa, 1932; M.S., Iowa State College, 1937

In Physiology (Clinical Science)

ROBERT WEBSTER DENTON, B.S., B.M., M.S., M.D., Northwestern University, 1943, 1946, 1947, 1947
RALPH ROBERT SONNENSCHEIN, B.S., B.M., M.S., M.D., Northwestern University, 1943, 1946, 1946, 1947
CHIH CHUN WANG, B.S., National Tsing Hua University (China), 1936; M.S., 1948

In Surgery

TILDEN CYRIL EVERSON, A.B., B.M., M.D., University of Minnesota, 1940, 1943, 1943; M.S., 1947

Degree of Master of Science

(Conferred June 16, 1950)

In Bacteriology

HSIOH-TEH CHANG, M.D., Peiping Union Medical College, 1941
WILLIAM JAMES DOUGHERTY, B.S., Loyola University, 1949
MARVIN LEON LEVINSON, B.S., Northwestern University, 1948
JOSEPH PETER USCAVAGE, B.S., Pennsylvania State College, 1949

In Biological Chemistry

GORDON NIKIFORUK, D.D.S., University of Toronto, 1947
MAYNARD EDWARD PULLMAN, B.S., 1948
IRVING WARNER, B.S., 1948

In Dental Histology

LEO MORRIS SREEBNY, A.B., D.D.S., 1942, 1945

In Orthodontia

CHARLES EVERETT CRAIG, D.D.S., University of Toronto, 1943
ROBERT MURRAY RICKETTS, D.D.S., Indiana University, 1945
NORMAN THOMAS SPECK, D.D.S., University of Texas, 1945

In Pedodontics

RALPH BERNARD NEADERLAND, D.D.S., New York University, 1948
BHIM SEN SAVARA, B.D.S., University of Punjab, 1946

In Pharmacognosy

CONCEPCION BUZON SANTOS, B.S., University of Santo Tomas (Manila), 1939
LEO JAMES SCHERMEISTER, B.S., 1947

In Pharmacology

RALPH JERRY CAZORT, B.S., West Virginia State College, 1943; M.D., Meharry Medical College, 1947
WILLIAM HENRY FUNDERBURK, B.S., University of Kentucky, 1939
MILDRED JULINA GYLFE, A.B., Cornell College, 1944; B.S., 1949
ANDREW TAKEO HASEGAWA, A.B., Baker University, 1948
ROBERT MORTON KOHLENBRENER, B.S., 1947
DANIEL ABRAHAM LANG, B.S., 1947
ROBERT EUGENE LEE, B.S., 1948; B.S., University of Notre Dame, 1948
JOHN LOUIS, B.S., 1948
EDWARD WARREN PELIKAN, B.S., 1948

In Pharmacy

WILLIAM PETER BLACKMORE, B.S., University of Saskatchewan, 1948

In Physical Medicine

MOHAMED ABDUL HAFEEZ, B.M., B.S., University of Mysore (India), 1941

In Physiology

JOHN CHARLES KENNADY, A.B., State University of Iowa, 1948
JOSEPH MICHAEL KIELY, B.S., M.D., 1945, 1947
JEROME LEONARD LIPIN, B.S., 1949

In Physiology (Clinical Science)

FRED BERTHOLD BENJAMIN, D.M.D., Frederic William University, 1934
FRANCIS THOMAS FLOOD, M.D., Loyola University, 1947
ARCHER SAMUEL GORDON, A.B., North Central College, 1942; B.S., M.D., 1944, 1945
PYUNG KI MOON, M.D., Severance Union Medical College, 1942

In Surgery

NOBLE OTTO CORRELL, JR., B.S., Indiana State Teachers College, 1942; B.S., 1948
CLARENCE RAYMOND HEIDENREICH, A.B., M.D., University of Nebraska, 1947, 1948
PAUL HOWARD JORDAN, JR., B.S., M.D., University of Chicago, 1941, 1944

REVISION OF CURRICULUM IN PHARMACY

The complete curriculum as revised is outlined below. In the outline, D, meaning didactic, indicates the number of class room hours each week, L the number of laboratory hours each week, and Cr the number of credit hours based on the quarter system. Such credit hours are equivalent to two thirds of semester hours.

First Year

Subject	*First Quarter*			*Second Quarter*			*Third Quarter*			*Total*
	D	*L*	*Cr*	*D*	*L*	*Cr*	*D*	*L*	*Cr*	*Cr*
English 120, 121, 122	3	0	3	3	0	3	3	0	3	9
Mathematics 140, 141, 142	3	0	3	3	0	3	3	0	3	9
Chemistry 143, 144, 145	4	3	5	4	3	5	3	6	5	15
Sociology 123	3	0	3	..	..	..	..	..	..	3
Zoology 161, 162	..	..	..	2	4	4	3	6	5	9
Pharmacy 100, 101, 102	2	0	2	2	0	2	2	2	3	7
Hygiene 160	1	0	0	..	..	..	..	..	..	0
	16	3	16	14	7	17	14	14	19	52

Second Year

Chemistry 146 (Quantitative)	4	6	6	..	..	..	..	..	..	6
Physics 150, 151, 152	3	3	4	3	3	4	3	3	4	12
Pharmacy 103, 104, 105	2	4	4	2	4	4	2	4	4	12
Economics 124	3	0	3	..	..	..	..	..	..	3
Psychology 125	..	..	..	3	0	3	..	..	..	3
Chemistry (Organic) 147, 148	..	..	..	4	6	6	4	6	6	12
Zoology 163 (Histology)	..	..	..	..	..	..	2	6	4	4
	12	13	17	12	13	17	11	19	18	52

Third Year

Pharmacognosy 290, 291, 292	2	6	4	2	6	4	2	6	4	12
Pharmacy 200, 201, 202	2	3	3	2	3	3	2	3	3	9
Chemistry (Physical) 240	4	3	5	..	..	..	..	..	..	5
Chemistry (Biochemical) 241, 242	..	..	..	3	6	5	3	6	5	10
Bacteriology 280, 281	3	6	6	2	0	2	..	..	..	8
Physiology 260, 261	..	..	..	3	3	4	3	3	4	8
	11	18	18	12	18	18	10	18	16	52

Fourth Year

Subject	*First Quarter*			*Second Quarter*			*Third Quarter*			*Total*
	D	*L*	*Cr*	*D*	*L*	*Cr*	*D*	*L*	*Cr*	*Cr*
Pharmacology 262, 263, 264	4	0	4	4	2	4	3	3	4	12
Pharmacy 203, 204, 205	3	0	3	3	0	3	1	4	3	9
Chemistry (Synthetic) 243	4	0	4	..	..	..	..	..	..	4
Chemistry (Drug Assay) 244	..	..	..	2	6	4	..	..	..	4
Jurisprudence 220	..	..	..	..	..	..	4	0	4	4
	11	0	11	9	8	11	8	7	11	33
Electives		5–7			5–7			5–7		15–21

Basic Curriculum 189 hours

Elective Subjects Available to Senior Students

First Quarter:	*Didactic*	*Laboratory*	*Credit Hours*
Accounting 220	2	3	3
Chemistry 346	2	9	5
Chemistry 245	4	0	4
Entomology 270	3	3	4
Second Quarter:			
Principles of Marketing 221	4	0	4
Manufacturing Processes 207	1	6	3
Physical Chemistry 340	4	3	5
Genetics 304	3	3	4
Plant Anatomy 301	2	9	5
Crystallography 310	2	3	3
Third Quarter:			
Pharmacy (Cosmetics) 208	1	6	3
Hospital Pharmacy 206	1	6	3
Analytical Chemistry 349	2	9	5
Toxicology 345	2	9	5
Plant Physiology 302	3	6	5
Chemical Microscopy 311	1	6	3
Instrumental Analysis 350	3	6	5

Pre-registration of student to complete the senior year will be held subsequent to the completion of the junior year. Students will be asked to indicate their desires and objectives in terms of: (a) graduate study and training; (b) study areas of particular interest.

The following elective programs are recommended:

A. For students not planning to undertake graduate study:

First Quarter	*Second Quarter*	*Third Quarter*
Accounting 220	Principles of Marketing 221	Pharmacy 208
Entomology 270	Manufacturing Processes 207	Hospital Pharmacy 206

B. For students anticipating graduate training in pharmacy:

Chemistry 245	Manufacturing Processes 207	Analytical Chemistry 349
Entomology 270	Physical Chemistry 340	Hospital Pharmacy 206

C. For students anticipating graduate training in chemistry:

Chemistry 346	Physical Chemistry 340	Analytical Chemistry 349
		Instrumental Analysis 350

D. For students anticipating graduate training in biological sciences:

Entomology 270	Genetics 304	Plant Physiology 302
Chemistry 245	Plant Anatomy 301	

UNDERGRADUATE AND GRADUATE PROGRAMS IN FOOD TECHNOLOGY

Undergraduate Program

This program leads to the degree of Bachelor of Science. It is designed for students who wish to prepare for employment as food production, quality control, research, or technical sales workers in governmental agencies, educational institutions, and in such food processing industries as canning, freezing, fermenting, milling and baking, vegetable oil processing, and confection manufacturing. Students will be urged to engage in at least one summer of employment in selected food processing industries and will be required to go on a senior inspection trip of three days' duration. (Estimated cost of inspection trip is $35.)

General University Requirements:	Hours
D.G.S. 111[1]—Verbal Communication	4
D.G.S. 112[1]—Verbal Communication	4
Hygiene 102 or 105—Personal and Environmental Hygiene	2
Military (for men)	(4)
Physical Education	(4)
	10 (18)

Mathematics and Physical Sciences:	
Chem. 101 or 102—General Chemistry	5 or 3
Chem. 105—Inorganic Chemistry and Qualitative Analysis	5
Chem. 122—Elementary Quantitative Analysis	5
Chem. 133—Elementary Organic Chemistry	5
Chem. 247[2]—Elementary Physical Chemistry	4
Chem. 249[2]—Chemistry of Colloids	3
Chem. 329—Food Analysis	5
Chem. 350—Biochemistry	5
Math. 117[3]—Combined Freshman Mathematics	5
Math. 127[3]—Combined Freshman Mathematics	4
Math. 137[3]—Calculus	3
Math. 147[3]—Calculus	3
Physics 103—General Physics	5
Physics 104—General Physics	5
	60 or 62

Biological Sciences:	Hours
Bact. 104 and 105—Introductory Bacteriology	5
Bact. 308—Food and Applied Bacteriology	5
Botany 104—Botany-Zoology Sequence	4
Zool. 104—Zoology-Botany Sequence	4
	18

Applied Courses:	
F.T. 201—Elements of Food Technology	3
F.T. 202—Elements of Food Technology	3
F.T. 206—Inspection Trip	0
F.T. 269—Raw Materials for Processing	3
F.T. 270—Raw Materials for Processing	3
F.T. 301—Food Processing	4
F.T. 302—Food Processing	4
F.T. 332—Principles of Sanitation in the Processing and Handling of Foods	4
F.T. 363—Elements of Unit Operations	3
	27

Electives in social sciences or humanities (including foreign language)	15
Total required for graduation (exclusive of physical education and military)	130

[1] D.G.S. 111 and 112 are required in place of Rhet. 101 and 102.

[2] Students adequately qualified may substitute Chem. 240 and 342, Elementary Physical Chemistry, for Chem. 247 and 249.

[3] Students lacking necessary entrance requirements for Math. 117 will take the sequence, Math. 111, 114, 122, 132, 142.

Graduate Program

This program is designed to stimulate basic and applied research in the preservation and manufacture of foods, and to train scientific personnel to conduct the research, control, and production activities of the food industry. It will be administered by members of the graduate faculty in the Department of Food Technology.

I. Admission Requirements:

1. General requirements governing admission of graduate students with full status. No students on limited status will be admitted to graduate study in this department.

2. A degree of Bachelor of Science in Food Technology or in a major field of chemistry, bacteriology, chemical engineering, horticulture, or other recognized field of biological, physical, agricultural, or engineering science in which a *minimum* of the undergraduate credits are as follows: one year of college physics (8 hours); one year of calculus (6 hours); one year of college biology (6 hours); bacteriology, 5 hours; analytical chemistry, 5 hours; organic chemistry, 5 hours; physical chemistry, 4 hours; food technology or equivalent, 20 hours. Deficiencies in any of the above requirements may be made up during the first year of graduate study, but no graduate credit will be given.

II. Required Courses:

Bacteriology 308 — Food and Applied Bacteriology
Chemistry 329 — Food Analysis
Chemistry 350 — Biochemistry
Food Technology 301 — Food Processing
Food Technology 302 — Food Processing
Food Technology 332 — Principles of Sanitation in Processing and Handling Foods
Food Technology 421 or 422 — Seminar
Food Technology 493 and/or 494 — Research

It is understood that the list of required courses is flexible to the extent that students who have had equivalent work will be permitted to substitute other established courses, and that new courses may be added or substituted with the approval of the Executive Faculty.

III. Electives:

Bacteriology 309 — Bacterial Nutrition and Vitamin Assays
Chemistry 326 — Chemical Analysis and Treatment of Water
Food Technology 363 — Unit Operations in Food Technology
Food Technology 373 — Advanced Food Microbiology
Food Technology 481 — Advanced Studies in Food Technology
Food Technology 482 — Advanced Studies in Food Technology
Home Economics 324 — Problems in nutrition
Established graduate courses in dairy technology and, with the approval of the Department of Food Technology, graduate courses in other departments which by their nature cover material closely related or complementary to the general field or a specific phase of food technology.

IV. Degree Requirements for the Degree of Master of Science:

1. Fulfillment of the general requirements with respect to residence and credit.

2. Proficiency in reading scientific literature in one foreign language selected from German, French, or Spanish to the satisfaction of the Department of Food Technology.

3. At least one minor consisting of not less than one unit in a physical, biological, agricultural, or engineering science.

4. An acceptable thesis.

5. A final examination covering the field of general food technology and of the areas of specialization and selected minor will be required. It will be primarily an oral examination but at the option of the department may include a written section.

V. Degree Requirements for the Degree of Doctor of Philosophy:

1. A comprehensive written qualifying examination covering both major and minor fields of study must be passed before the department will admit a student to the oral preliminary examination.

2. Fulfillment of the general regulations with respect to residence, credit, minors, language proficiencies, preliminary and final examinations.

3. An acceptable thesis.

GRADUATE PROGRAM IN EDUCATION

The admission and degree requirements for the Master of Arts, Master of Science, Doctor of Philosophy, and Doctor of Education will remain substantially the same. If the new Ed.M. program here recommended is approved, it is further recommended that the present curriculum for that degree be discontinued as of September, 1950, except that students who have been admitted to the Graduate College prior to September 1, 1950, and have declared their candidacy for the Ed.M., as presently defined, by September 30, 1950, will be permitted to qualify for that degree under the present regulations. All others can become candidates only for the degrees and certificates proposed.

These two programs will be administered by the College of Education within the general administrative framework of the Graduate College.

I. Admission Requirements:

A. For the Master of Education: (1) a grade-point average of at least 3.5 for that portion of work which represents the last fifty per cent of the hours completed to secure the bachelor's degree; (2) sixteen semester hours in education with a grade-point average of 3.5 for all education courses.

B. For the Advanced Certificate in Education: (1) a master's degree from an accredited institution; (2) two years of professional employment in education.

II. Required Courses:

It is understood that the list of required courses is flexible to the extent that students who have had equivalent work will be permitted to substitute other established courses, and that new courses may be added or substituted with the approval of the Executive Faculty.

A. For the Master of Education: Education 311, Psychology of Learning for Teachers; Education 312, Mental Hygiene and the School; two of the following: Education 304, Social Foundations of Education; Education 301, Philosophy of Education; Education 302, History of American Education; Education 303, Comparative Education.

B. For the Advanced Certificate in Education: in addition to the courses listed above, Education 390, Elements of Educational Statistics; Education 413, Social Psychology and Problems of Education; and either Education 411, Psychology of Adolescence for Teachers, or Education 412, Advanced Child Development for Students of Education.

III. Degree Requirements:

A. For the Master of Education: eight units of work of which at least four must be earned in residence.

B. For the Advanced Certificate in Education: eight units of work beyond the master's degree, all of which must be taken on the Urbana campus and four of which must be taken in residence, i.e., the equivalent of one semester's or two summer sessions' work in residence.

It is the judgment of the Executive Faculty of the Graduate College and of the Senate Committee on Educational Policy that when a teacher in service, or one who has been in service, first enters upon the program leading to one of the advanced professional degrees, the student's adviser should determine whether the student has been or is teaching a subject for which he is not qualified in terms of the Limited Certificate requirements. If this is the case, then the student's program should be drawn up in such a way that it includes the work necessary to meet the minor requirements of the Limited Certificate in the subject which the student has been teaching without having met those requirements. With the approval of the adviser, courses in the subject-matter field involved which carry two-hundred numbers may be approved for advanced professional credit, though no such course may be counted as part of the work required for the Master of Arts, Master of Science, Doctor of Education, or Doctor of Philosophy degrees.

This is intended to secure the result that the upgrading procedure for teachers in service be used not only to improve their competence in the art of teaching, but also their grasp of the subject taught, in those cases where the latter is clearly inadequate.

Statement to be included in revised version of Programs in Education for Students Continuing Beyond the Fourth Year:

1. Secondary school teachers who, at the time of first registration, do not hold a valid certificate from the state in which they are employed for every subject which they are teaching will be required to take sufficient courses in the respective subject-matter fields to meet the requirements for a valid certificate. With the prior approval of an adviser, courses in subject-matter fields which carry two-hundred numbers may be approved for advanced professional credit.

2. In general, candidates for the degree of Master of Education are expected to take at least two units of work outside of the field of education. This expectation is especially applicable to students in secondary education. Candidates for this degree may take courses bearing two-hundred numbers for advanced professional credit.

3. Advanced professional credit for courses bearing two-hundred numbers is allowed under the following conditions:

a. That the courses be approved in advance by an adviser.
b. That credit be computed at the rate of one quarter unit for each semester hour of credit.
c. That the total credit for such courses shall not be in excess of two units.
d. That no credit for such courses may be counted as meeting the requirements for the degrees of Master of Arts, Master of Science, Doctor of Education, and Doctor of Philosophy.

GRADUATE PROGRAM IN STATISTICS

This program will be administered by the Department of Mathematics with a small interdepartmental advisory committee appointed by the Dean of the Graduate College. In the administration of the degree the following conditions are to be satisfied.

Upon entering graduate work in statistics the student is to choose the area of application in which he expects to take the courses required for IIC below. The work of the student will be supervised by two advisers, one in statistical theory and one in that area of application, one of whom shall be in charge of his thesis.

The student will also be asked to decide whether he expects to write his thesis in statistical theory or in the area of application. If he expects to write his thesis in the area of application, then the departments administering that area will determine the details of the program required under IIC and IID below. For example, in the field of economic statistics, the work elected under IIC and IID below would have to satisfy the requirements of a well-rounded coverage of empirical economics with a background of economic theory. Economic statistics as a major interest would accordingly require a minimum of four units in economic theory and history and six units in economic statistics, selected to complement the training in statistical theory and to maximize the benefit of the research experience provided by the dissertation.

If he expects to write his thesis in theoretical statistics, the Mathematics Department will determine the details of the program required under IID below.

If the thesis will be in several departments, these will jointly determine the details of the program under IIC and IID within the spirit of the above conditions.

The doctoral committee for each student will consist of one person for mathematics, one person for theoretical statistics, one person for the area of application, and two persons selected on the basis of the course work and area in which the thesis is written. This committee will be responsible for both the preliminary and final examinations for the doctorate. Its chairman will be from the area in which the thesis is written.

The requirements for admission include college and scholastic record sufficient to gain admission to the University of Illinois Graduate College and the completion of a thorough course in the calculus.

The requirements for the degree, in addition to language and other standard requirements, are:

I. Thesis. To show capacity for important original contributions to one or more of the following:

(A) The development of new statistical ideas and methods.

(B) Research improving the applications of statistical methods.
(C) New applications of statistical methods in some field of application.

II. Minimum Course Work.

(A) Mathematics. Mathematics 315, 347, 348 or similar courses of approximately equivalent content.

(B) Theoretical Statistics. Mathematics 363 and eight additional units of which at least four are 400 courses, from a list of courses prepared by the Department of Mathematics, and including all courses jointly listed by the Department of Mathematics and areas of application of statistics.

(C) Area of Application. Four units of which at least two must be 400 courses, and none of which may emphasize training in statistical methods as such. These courses must be taken in some single field of application of statistical methods.

(D) Optional. At least six units of which at least four are 400 courses. These courses may not be taken in more than two departments.

Note 1. So long as a student fulfills the standard requirements for graduate degrees in the University of Illinois, he can complete some of these course requirements as an undergraduate, or by outside reading, or by any other means approved by the Department of Mathematics.

Note 2. It is expected that at least one year will be required for the completion of the thesis after the above course requirements have been fulfilled. Thus a student entering graduate work without having any of the above units would need a minimum of three and one-half to four years to complete the degree, while a student entering with six of these units completed would need a minimum of about three years.

Note 3. A.M. Requirements: The student will need to offer Mathematics 315, 347, 348, 363 or their equivalents, one other unit of 300 courses, and two units of 400 courses in theoretical statistics, two units of courses under IIC and two units of courses under IID. Usually a year and a half will be needed to complete these requirements, unless some of the courses are completed in accordance with Note 1 above.

GRADUATE PROGRAM IN BUSINESS

In developing this program for the Doctor of Philosophy in Business, the goal is to serve the public by contributing to the continuing development of more responsible and better informed business administrators. The University has the facilities to train men as administrators through instruction and to advance knowledge in the field of business administration through research. It is important to aid men in acquiring the knowledge, the technical competence, the resourcefulness, the vision, the insight into the nature of the administrative process, and the instinctive acceptance of responsibility that characterizes successful administrators.

The Department of Business Organization and Operation also desires to offer this major program so that it might have a part in the further development of men to do the work of scholars in this particular field. Such men to be trained properly for this work should have a wide knowledge of the applied fields as well as a close acquaintance with basic economics.

The specific objectives of the program are: (a) to apply the techniques and the disciplines of the social sciences to the analysis of data in the area of business administration; (b) to seek and point out the economic relationships which permeate all business operations; (c) to interpret the meaning which attaches to human relations related to business activities; (d) to prepare students for teaching, research, and administrative positions.

The proposed Doctor of Philosophy degree requires examination in five fields of which two are in the Department of Business Organization and Operation, two in the Department of Economics, and one which may be either in the Department of Economics or the Division of Accountancy, depending on the background and interests of the individual student. In addition, candidates may offer one field outside of the Department of Business Organization and the Department of Economics.

Courses in areas outside of the two departments offering the joint degree which are cross-titled to courses in either of the two departments are not considered as additional fields when offered by candidates for this degree.

The general administration of the degree will be through an interdepartmental committee. The Committee shall consist of not more than nine members appointed for annual terms. The five members from Commerce will be from the following areas: Accountancy, Economics, Finance, Management, and Marketing.

Four members from non-commerce departments shall be selected from the following departments or areas: Communications, Geography, History, Labor and Industrial Relations, Law, Mechanical Engineering, Philosophy, Psychology, Political Science, and Sociology.

The committee shall select its own chairman from the members of the committee from Commerce.

1. The committee should be nominated by the graduate faculties of the departments of Business Organization and Operation and Economics, and appointed by the Dean of the Graduate College.

2. A majority of the members of the committee should be full-time members of the graduate faculty of Business Organization and Operation and Economics.

3. The committee would function as a policy group and a board of review rather than as an administrative body responsible for day-to-day execution of the program. They would consider procedures for assignment of advisers, guidance of students in selecting courses of study, examination of candidates, and selection of thesis topics. They would consider available courses and recommend changes therein or new courses to be added. Periodically, they would review the program as a whole and its administration, and suggest changes. They would, however, delegate the actual day-to-day administration to one or more individual staff members who might or might not be members of the committee.

4. The Committee would be available also as a panel of technical consultants to assist students and their advisers in the carrying out of specific thesis projects.

I. Admission Requirements:

Candidates for the degree of Doctor of Philosophy in Business should have a broad training in business subjects, such as is represented by graduation from an accredited college or school of business. Students who have not graduated from a college of commerce, school of business administration, or an institution offering an equivalent program, must present a minimum of thirty hours in commerce subjects, including at least one course in each of the following: accountancy, economics, management, and marketing. Students lacking adequate preparation for admission may, with the consent of the adviser or committee in charge, be admitted but must remove any deficiencies during the first year of residence by taking prescribed courses without graduate credit.

II. Degree Requirements:

1. A minimum of twenty-four units of graduate work conforming to the grade standards of the Graduate College.

2. Up to eight units of research resulting in an acceptable doctoral dissertation in the field of business (see list of suggested topics following).

3. Demonstrated ability to read French and German. The Committee administering the program may recommend appropriate substitutions to the Executive Faculty of the Graduate College in individual cases.

4. A minimum of two units in the field of Economic Theory.

5. A minimum of two units in the field of Management.

6. A minimum of two units in the field of Marketing.

7. A minimum of four units in any two of the following fields: Economic Statistics and Forecasting, Public Finance, Private Finance, Labor, Foreign Trade and International Economics, Economic History, Government Regulation and Regulated Enterprises, Accountancy.

8. The presentation of four units in any of the following fields: Economic Theory, Marketing,[1] Public Finance, Labor, Economic History, Accountancy, Management, Economic Statistics and Forecasting, Private Finance, Foreign Trade and International Economics, Governmental Regulation and Regulated Enterprises.

[1] The Committee may require certain courses and may allow considerable flexibility in the choice and combination of courses in the various fields. For example, a candidate particularly interested in Marketing may, with the permission of the Committee, consider certain courses in the fields of Consumer Economics, Foreign Trade, Transportation, or graduate courses in Marketing Farm Products as "Marketing."

9. The presentation of an acceptable master's thesis or of work in substitution therefor as permitted or required by the Committee.

10. The candidate may substitute two units in a related field outside of the Department of Business Organization and Operation and the Department of Economics for any one of the fields detailed in sub-paragraph 8, above.

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED MAY 1 TO MAY 31, 1950

With Whom	*Purpose*	*Amount to be Paid to the University*	*Date*
United States Air Force	Instruction for not more than five hundred Air Force personnel June 1, 1950, to June 30, 1953	Rates per contract	May 15, 1950
White & McTaggart Co.	Installation of coin operated Bendix home laundry machines in Lincoln Avenue Residence and Student-Staff Apartment buildings	Rates per contract	May 11, 1950

With Whom	*Purpose*	*Amount to be Paid by the University*	*Date*
The American Federation of Arts	Rental of film "Visual Education for Architects"— November 5 to 26, 1950	$ 65 00	April 11, 1950

Contract Changes Executed

With Whom	*Purpose*	*Amount of Change*	*Date*
E. N. DeAtley	Natural History renovation and ventilation	$1 164 00	May 1, 1950

Adjustments in Authorizations Issued Prior to July 1, 1949, Under Cost-Plus Standing Contracts

With Whom	*Purpose*	*Amount*
Lewis S. Colbert	One adjustment	$179 25[1]
Reliable Plumbing and Heating Company	Two adjustments	8 93
Square Deal Electric Co.	One adjustment	41 16

PURCHASES

A. Purchases Authorized

The following purchases were authorized by the President's Office on the recommendations of the Director of Purchases and the Comptroller.

Item	*Department*	*Vendor*	*Cost*
Football gear for thirty-six players, plus practice pants, extra jerseys, and miscellaneous items for the Chicago Undergraduate Division football squad	Chicago Undergraduate Division, Physical Education	Mr. Lee A. Freeman, 135 South LaSalle Street, Room 808, Chicago	$3 000 00 f.o.b. warehouse
130 yearling ewes	Animal Science		3 900 00 delivered (approximately)

B. Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

Item	*Department*	*Vendor*	*Cost*
One ram type milling machine with adjustable cutter head, complete with 1 h.p., 1150 r.p.m., 60 cycle reversible motor, collets, profile stud, table and stop, slotting attachment, and arbors	Industrial Education	Marshall & Huschart Machinery Co., Chicago	$2 525 50 f.o.b. Springfield, Mass.
One microformer type high magnification stress-strain recorder; one model PS-5M averaging extensometer for use with a 120,000 lb. testing machine	Civil Engineering	Baldwin Locomotive Works, Chicago	1 560 00 f.o.b. Washington, D.C.

[1] Deduct.

Item	*Department*	*Vendor*	*Cost*
One plate type pasteurizer with a capacity of 60 gal. tomato juice per hour to be heated from 140° F. to 250° F. and cooled to 205° F.; accessories to include twelve smooth plates, one divider plate, hot water circulating unit, and pressure reducing regulator	Food Technology	Pfaudler Co., Chicago	1 670 49
Four vacuum tube voltmeters; one slotted line	Electrical Engineering	Alfred Crossley & Associates, Chicago	1 275 00 f.o.b. Palo Alto, Calif.
One 10 kc. oscillator; one cup, 100 c.c. capacity; one cup, 168 c.c. capacity	Bacteriology (Graduate College)	Raytheon Mfg. Co., Waltham, Mass.	1 850 00 f.o.b. Waltham, Mass.
Two pumps, diffusion, oil, purifying, 5000 liters per second, 16″	Physics	National Research Corp., Cambridge, Mass.	2 800 00 f.o.b. Cambridge, Mass.
Two Q meters, range 50 kc.-75 mc.	Physics	Boonton Radio Corp., Boonton, N.J., c/o Alfred Crossley & Associates, Chicago	1 250 00 f.o.b. Boonton, N.J.
Two each decade scalers, scale 1000, model 105	Physics	Atomic Instrument Co., Boston, Mass.	1 300 00 f.o.b. Boston, Mass.
Two vibrating Reed electrometers, model 30	Physics	Applied Physics Corp., Pasadena, Calif.	3 000 00 f.o.b. Pasadena, Calif.
One continuous film printer, 16 mm., with three-way aperture for printing (by contact) either sound or picture fitted with filter holders for printing Kodachrome	Photography	O. F. Carlson Co., Chicago	3 035 76 f.o.b. Chicago
One #12 Smyth book sewing machine complete with electric controls	Print Shop	E. C. Fuller Co., Chicago	6 720 00 f.o.b. Hartford, Conn.
1900 cases (approximately) Pyrex (Borosilicate) laboratory glassware to be ordered and delivered as required between July 1, 1950, and June 30, 1951	General Chemical Stores		40 500 00 (approximately)
5500 lbs. acetic acid, C.P. reagent; 13,000 lbs. hydrochloric acid, C.P. reagent; 8500 lbs. nitric acid, C.P. reagent; 23,600 lbs. sulphuric acid, C.P. reagent; 5200 ammonium hydroxide	General Chemical Stores	Grasselli Chemical Co., Chicago	8 753 66 f.o.b. Urbana
2000 gm. L-Leucine; 1000 gm. DL-Isoleucine; 16 oz. L-Gystine; 1000 gm. DL-threonine; 500 gm. L-Tyrosine; 200 gm. L-Proline; 2000 gm. L-Glutamic acid; 1 lb. L-Histidine monohydrochloride; 300 gm. L-Lysine monohydrochloride	Chemistry	Merck & Co., Rahway, N.J.	2 061 10 f.o.b. Rahway, N.J.
40,000 gallons (approximately) aviation gasoline, 80 octane; 20,000 gallons (approximately) aviation gasoline, 91 octane	Institute of Aviation	Shell Oil Co., Chicago	11 295 00 f.o.b. delivered
70,000 gallons (approximately) gasoline, regular	Physical Plant Storeroom	Shell Oil Co., Chicago	10 532 20 delivered
600 cases bleached paper towels, 3750 towels per case	Physical Plant	Duckett Paper Co., Champaign, representing National Paper, manufacturer of Sorbette towels	2 859 00 f.o.b. warehouse
300 ⅜″ laboratory gas cocks, rough brass, single male, seven serrations, with #1498 single tapped turret; 300 ⅜″ laboratory gas cocks, rough brass, single male, seven serrations, with #1498 double tapped turret; 150 ⅜″ brass hose nipples, male, brass, seven serrations	Physical Plant Storeroom	Field & Shorb Co., Decatur	1 059 75 f.o.b. delivered

Item	*Department*	*Vendor*	*Cost*
5400 #35913 common links, chrome C.I. for stokers at Abbott Power Plant	Physical Plant Storeroom	Babcock & Wilcox Co., Chicago	2 700 00 f.o.b. Barberton, Ohio
285 kitchen wall cabinets to be installed in Student and Staff Apartments	Physical Plant	Howard's, Monticello Lewis S. Colbert, Champaign Total	6 933 96 2 850 00 9 783 96
Four #A353CH Guth fluorescent fixtures; 29 #A3531H Guth fluorescent fixtures; 45 #A3532H Guth fluorescent fixtures; 64 pr. #M3342 Guth stem extensions	Physical Plant	Heider Electric Supply Co., Elgin	1 981 70 f.o.b. delivered
One 7 ft. Steinway grand piano	Physical Plant	Lyon & Healy, Chicago	3 746 63 delivered
Furnish and spread approximately 10,000 gallons RT-10 road tar on campus roads	Physical Plant	Illiana Construction Co., Urbana	1 925 00
3000 tons (approximately) screenings coal to be delivered as required during June, July, and August, 1950	Physical Plant	Republic Coal & Coke Co., Chicago Taylor-English Coal Co., Danville Bell & Zoller Coal Co., Chicago Total	4 940 00 4 590 00 4 590 00 14 120 00
Incandescent and fluorescent lamps to be ordered as required by the Urbana campus and Chicago branches during the period July 1, 1950, to June 30, 1951	Physical Plant Storeroom	Crescent Electric Supply Co., Peoria	22 200 00 (estimated cost) plus 2% o.e. tax less 2% cash discount
One truck, 1½ ton, long wheel base with 12 ft. van body, solid side panels, no rear doors, complete with dual rear tires (700 x 20-10 ply), overload springs, oil filter, heater, and defroster and hydraulic tailgate	Purchasing Office	Sullivan Chevrolet Co., Champaign	2 517 38
1621 board feet #2 KD fir lumber; 6848 sq. ft. 4 x 8⅛" flexboard; 3008 sq. ft. 4 x 8¼" plywood; 1000 lineal ft. shoe mold; 4000 lineal ft. lattice; 36 casings; 36 door molds; 11 2'8" x 6'8"-1⅜" two-panel fir doors	Institute of Aviation	Illini Lumber Distributors, Champaign	1 484 92 f.o.b. delivered
60,000 reams 8⅜ x 10⅞ 16# sub. white mimeograph bond paper to be delivered as required during the coming year	Office Supply Store	Bradner Smith & Co., Chicago	27 510 00 f.o.b. delivered to our warehouse
Fire and extended coverage insurance, including unearned premium coverage, subject to 80% co-insurance, effective June 30, 1950, for three years, covering Allerton 4-H Memorial Camp Buildings in the aggregate amount of $50,000, and contents thereof in the aggregate amount of $8,580, with premium payable on an annual installment basis	Extension Service in Agriculture and Home Economics	Max Stark, Champaign, representing the American Insurance Co.	3 288 36
Fire and extended coverage insurance including unearned premium coverage in the provisional amount of $200,000 on a monthly reporting form basis, effective July 29, 1950, for one year on the contents of the Illini Union Bookstore, Champaign, with authority to renew in the same companies for at least one additional year. (This coverage may be purchased on this risk only on an annual basis; the premium can not be any lower than indicated here.)	Illini Union Bookstore	J. Warren Montgomery, Urbana, representing Glens Falls Fire Co. Oren Lane, Peoria, representing the Liberty Mutual Co. Total	1 500 00 501 00 2 001 00

Item	*Department*	*Vendor*	*Cost*
Aviation liability insurance on a monthly reporting form basis effective July 1, 1950, for one year with bodily injury limits of $50,000 per person and $250,000 per accident, and property damage limits of $50,000 per accident covering aircraft owned, leased, and operated by the University on and off its premises	Institute of Aviation	R. Hill Carruth, Chicago, representing the U. S. Aircraft Insurance Group Deposit premium Annual premium (estimated) Total	 500 00 1 416 00 1 916 00
One recorder, indicating, D-C potentiometer type, 16-point, range −2 to −6 millivolts, 115 volt	Mechanical Engineering	Leeds & Northrup Co., Chicago	1 006 82 f.o.b. Urbana
Two each recording timers, precision model SCI-5	Physics	Streeter-Amet Co., Chicago	1 040 00 f.o.b. Chicago
32 animal cages to be manufactured to University specifications and blueprints	Animal Hospital	Sherman-Reynolds, Inc., Chicago	2 785 00 net delivered and installed
Approximately 500 cases of Pyrex laboratory glassware	Professional General Stores (Chicago)	Corning Glass Works, Corning, N.Y., through five authorized dealers	10 000 00
Builders' all-risk insurance including fire, extended coverage, vandalism and malicious mischief coverages at two-year rates on a monthly reporting form basis effective August 1, 1950, on the Animal Sciences Laboratory, Urbana Campus, on which the final insurable value is estimated at $2,400,000	Physical Plant	The Reynolds Ins. Agency, Peoria, representing the General Insurance Co., the Hartford Fire Insurance Co., the St. Paul Fire and Marine Insurance Co., and the Springfield Fire and Marine Insurance Co.—one-fourth of the coverage to each company	6 500 00 (gross estimated)

AGREEMENTS WITH MEDICAL CENTER COMMISSION

OUTLINE OF CONDITIONS OF PROPOSED AGREEMENTS BETWEEN MEDICAL CENTER COMMISSION AND UNIVERSITY OF ILLINOIS FOR CONSTRUCTION OF A STUDENT RESIDENCE HALL AND STAFF APARTMENT BUILDING FOR THE CHICAGO PROFESSIONAL COLLEGES OF THE UNIVERSITY OF ILLINOIS

(Recommended by a Committee of the Medical Center Commission and the Committee on Chicago Departments of the University Board of Trustees June 15, 1950.)

1. The University will convey to the Commission the site for the residence hall (immediately west of the main Medical-Dental-Pharmacy Building). The Commission will provide the site for the apartment building (four blocks east of main building) including certain present buildings to be incorporated with the staff apartment project.

2. The Commission is to procure all the necessary temporary and permanent financing for the proposed project on conditions mutually acceptable to the two parties. (Equitable Life Assurance Society has offered to lend the Medical Center Commission the total amount required for construction and equipment of the projects up to $2,700,000, with an informal tentative maximum of $3,000,000, at 4 per cent to be fully amortized in twenty-five years, with a commitment fee of ¼ of 1 per cent, subject to a mutually satisfactory agreement between the Commission and the University.)

3. The Commission agrees to construct and equip the residence hall and the apartment building from funds thus secured, buildings to be constructed in accordance with plans and specifications provided by architects previously appointed by the University.

4. Bids are to be solicited by public advertisement, opened in the presence of University representatives, and contracts for all construction, equipment, and remodeling are to be let on written approval of the University. Payments for work

are to be made on written approval of the University and Commission, but not in excess of the amount of the loan.

5. When improvements are completed, the Commission will lease all premises to the University for the period of the loan.

6. The University is to pay all operating expenses including insurance and a rental of an amount sufficient to cover debt service each year until the loan is fully paid. (Estimated debt service on a maximum loan of $3,000,000 is $195,000; estimated income is $146,000; balance to be met from General University Income $49,000 a year. On the basis of architect's estimate, $3,600,000 cost of these improvements, debt service would be $234,000 a year and difference $88,000.)

7. When all debt obligations are fully paid, the Commission will convey all premises to the University (offer of financing of Equitable loan would be non-callable for five years, thereafter at premiums ranging from ½ to 3%).

NOTE: The foregoing conditions are in conformity to the conditions agreed on by representatives of the Commission and the University March 29, 1949, approved by the Board April 21, 1949, and reaffirmed by the Board May 19, 1950, except that construction is to be supervised by the architects, who, although they were chosen by the University, will become agents of the Commission, instead of being "University architects" as previously provided.

OFFER OF THE UNIVERSITY OF ILLINOIS TO THE MEDICAL CENTER COMMISSION RESPECTING THE CONSTRUCTION BY THE MEDICAL CENTER COMMISSION OF CERTAIN STAFF HOUSING FACILITIES AND STUDENT RESIDENCE HALL TO BE LEASED TO THE UNIVERSITY OF ILLINOIS

TO THE MEDICAL CENTER COMMISSION, COOK COUNTY, ILLINOIS:

An emergency exists at the Professional Colleges of the University of Illinois (hereinafter referred to as the "University") with respect to housing for members of the staff of and students attending the Professional Colleges, and the University is in urgent need of additional housing facilities for said purposes.

The University now owns the following described property:

PARCEL A

Lots One (1) to Ten (10) inclusive and Fifty-nine (59) and Sixty (60) and Lots Ninety-five (95) and Ninety-six (96) of Potter Palmer's Subdivision of Lot Eleven (11) and that part of Lot Twelve (12) lying South of the center line of Polk Street, except Winchester Avenue, in Codewise's Subdivision of the West Half (W½) of the Southeast Quarter (SE¼) of Section Eighteen (18), Township Thirty-nine (39) North, Range Fourteen (14) East of the Third Principal Meridian, except the West one and thirty-seven hundredths (1.37) chains,

and the Medical Center Commission (hereinafter referred to as the "Commission") now owns the following described property:

PARCEL B

Lots One (1) to Twenty-four (24) inclusive in Sturges et al Resubdivision of Block Nine (9) in Assessor's Division of the East Half (E½) of the Southeast Quarter (SE¼) of Section Eighteen (18), Township Thirty-nine (39) North, Range Fourteen (14) East of the Third Principal Meridian.

In order to procure the necessary staff and student housing for said Professional Colleges, and in consideration of the Commission making arrangements for temporary and permanent financing of and the construction and equipment of the necessary buildings for that purpose on the above-described parcels, and, as may hereafter be agreed upon by the University and the Commission, for the remodeling and repairing of such of the existing buildings as are retained on Parcel B hereinabove mentioned, the University hereby offers to convey to the Commission the tract of land now owned by it and hereinabove described as Parcel A by deed in substantially the form attached hereto and marked Exhibit "A".

The Commission, in consideration of the conveyance to it and by acceptance of this offer, shall agree to arrange for temporary and permanent financing on terms mutually acceptable to the Commission and to the University for the con-

struction of a student residence hall on said Parcel A, a suitable building for staff housing on said Parcel B, including the repairing and remodeling of the existing buildings (retained as aforesaid) on Parcel B, and all equipment and furniture necessary therefor, and to construct and equip said buildings and remodel and repair retained existing buildings on Parcel B for the purposes aforesaid, all to be done in accordance with the provisions of Exhibit "B" hereto attached.

Upon advice in writing addressed to the President of the Board of Trustees of the University by the Commission that it has procured temporary and permanent financing, to be mutually agreed upon, for the matters above mentioned, the Commission will simultaneously with the delivery by the University of its aforementioned deed execute and deliver a lease in substantially the form attached hereto and marked Exhibit "B" to the University. It is understood that the blank amount of rent to be paid as provided in Section 3 of said lease, shall be such amount and on semi-annual dates as may be mutually agreed upon at the time said lease is executed.

Upon acceptance of this offer, the University for and on behalf of the Medical Center Commission, will prepare and submit to the Commission all necessary plans, specifications and estimates of cost necessary for the construction of said buildings, it being understood and agreed that the expenditures by the Medical Center Commission for the construction, repair, remodeling and equipment of said buildings, including all extras, shall not exceed the amount of the permanent financing therefor, and that the University is to be reimbursed by the Commission from the proceeds of the permanent financing of the construction, repair and equipment of the aforesaid buildings for all funds advanced by it for that purpose, but only after all other costs and expenses of such construction, equipment and repair have been fully paid, and that there are sufficient funds therefore from such permanent financing at that time to reimburse the University for such funds advanced.

Upon receipt by the Medical Center Commission of the plans, specifications and estimates of cost necessary for the construction of said buildings, the Commission agrees that it will advertise for bids for the construction of said buildings by giving at least three weeks' notice thereof, and that bids will be opened publicly in the presence of representatives of the University of Illinois and that the bids received will be turned over to representatives of the University of Illinois for analysis and will award all contracts responsive to the written recommendations of the University of Illinois.

Respectfully submitted,

UNIVERSITY OF ILLINOIS

By.....
President of the Board of Trustees

By.....
Secretary of the Board of Trustees

ACCEPTED for and on behalf of the Medical Center Commission, Cook County, Illinois, pursuant to authority of a resolution adopted by the Medical Center Commission on the ..... day of ....., 1950.

MEDICAL CENTER COMMISSION

By.....
President

By.....
Secretary

EXHIBIT A

THIS INDENTURE made this ..... day of ....., 1950, by and between the Board of Trustees of the University of Illinois, a body politic and corporate of the State of Illinois (hereinafter referred to as the "University"), party of the first part, and Medical Center Commission, a body politic and corporate of the State of Illinois (hereinafter referred to as the "Commission"), party of the second part,

WITNESSETH:

WHEREAS the University is the owner of the premises hereinafter described, now vacant and unimproved, and the Commission is the owner of certain property, now improved with certain buildings thereon (hereinafter referred to as the "other property"); and

WHEREAS the University is in need of housing facilities for the staff and student body of its Professional Colleges; and

WHEREAS the Commission has agreed to construct buildings necessary for the above purposes on the premises hereinafter described and upon the other property now owned by the Commission and to procure temporary and permanent financing for said construction, and the Commission further agrees, upon the execution and delivery of this deed, to execute and deliver a lease covering the premises hereinafter described and the other property and all buildings now or hereafter located thereon:

NOW, THEREFORE, the University, in consideration of the agreements of the Commission and Ten Dollars in hand paid, hereby conveys and quitclaims to the Commission the following described property in the County of Cook and State of Illinois, to wit:

Lots One (1) to Ten (10) inclusive, Fifty-nine (59), Sixty (60), Ninety-five (95) and Ninety-six (96), and all interest now owned or hereafter acquired in and to the alleys adjoining any of said Lots, of Potter Palmer's Subdivision of Lot Eleven (11) and that part of Lot Twelve (12) lying South of the Center line of Polk Street, except Winchester Avenue, in Codewise's Subdivision of the West Half (W½) of the Southeast Quarter (SE¼) of Section Eighteen (18), Township Thirty-nine (39) North, Range Fourteen (14) East of the Third Principal Meridian, except the West one and thirty-seven hundredths (1.37) chains.

It is understood and agreed that this conveyance is made upon the express condition that the construction of the aforementioned buildings is to be commenced on or before June 1, 1953, and in the event the Commission shall fail to commence the construction as aforementioned, then this conveyance shall be null and void, and the estate hereby conveyed shall immediately revert to and be revested in the University, and the University shall forthwith have the right to re-enter and repossess the premises hereby conveyed.

IN WITNESS WHEREOF the Board of Trustees of the University of Illinois has caused this instrument to be executed in its corporate name and behalf by its President and its corporate seal to be hereunto affixed and attested by its Secretary, all as of the day and year first above written.

THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

By.....
President

(Seal)
Attest:

.....
Secretary

STATE OF ILLINOIS }
COUNTY OF COOK } SS

I, ..., a Notary Public in and for the County and State aforesaid, do hereby certify that ....., personally known to me to be the President of the Board of Trustees of the University of Illinois, a body politic and corporate of the State of Illinois, and ...., personally known to me to be the Secretary of said corporation and personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that as such President and Secretary they signed and delivered the

said instrument and caused the corporate seal of said corporation to be affixed thereto as their free and voluntary act and as the free and voluntary act and deed of said corporation, for the uses and purposes therein set forth.

GIVEN under my hand and notarial seal this ..... day of ....., 1950.

.....
Notary Public

EXHIBIT B

THIS INDENTURE made this ..... day of ....., 1950 between Medical Center Commission, a body politic and corporate of the State of Illinois, party of the first part (hereinafter called the "Lessor") and the Board of Trustees of the University of Illinois, a body politic and corporate of the State of Illinois, party of the second part (hereinafter called the "Lessee"),

WITNESSETH:

SECTION 1. The Lessor, in consideration of the rents herein reserved and of the covenants and agreements herein contained on the part of the Lessee to be kept, observed and performed, has demised and leased and does by these presents demise and lease unto the Lessee the following described real estate in the County of Cook and State of Illinois, to wit:

Parcel A

Lots One (1) to Ten (10) inclusive and Fifty-nine (59) and Sixty (60) and Lots Ninety-five (95) and Ninety-six (96) of Potter Palmer's Subdivision of Lot Eleven (11) and that part of Lot Twelve (12) lying South of the center line of Polk Street, except Winchester Avenue, in Codewise's Subdivision of the West Half (W½) of the Southeast Quarter (SE¼) of Section Eighteen (18), Township Thirty-nine (39) North, Range Fourteen (14) East of the Third Principal Meridian, except the West one and thirty-seven hundredths (1.37) chains,

which premises are at present vacant and unimproved and on which is to be erected a Student Residence Hall (hereinafter referred to as the "Residence Hall"); and

Parcel B

Lots One (1) to Twenty-four (24) inclusive in Sturges et al Resubdivision of Block Nine (9) in Assessor's Division of the East Half (E½) of the Southeast Quarter (SE¼) of Section Eighteen (18), Township Thirty-nine (39) North, Range Fourteen (14) East of the Third Principal Meridian,

which premises are at present vacant and unimproved and on which is to be erected is to be erected a ten story Staff Apartment Building (hereinafter referred to as the "Apartment Building").

The Lessor further agrees, as soon as may be after the date hereof, to procure ordinances necessary for and at its own cost and expense to complete the vacation of the east and west alley south of and adjoining Lots 1 to 10 inclusive and north of and adjoining Lots 59 and 96 and also that part of the north and south alley lying between Lots 59, 60, 95 and 96, all referred to in Parcel A, and that part of the north and south alley lying west of and adjoining Lots 1 to 12 inclusive and east of and adjoining Lots 13 to 24 inclusive, all referred to in Parcel B; as and when the alleys aforementioned have been vacated, it is agreed by the parties hereto that the same shall be and constitute a part of the premises hereby demised and leased, which are defined as Parcels A and B and all buildings thereon with all equipment and furnishings therein, and are hereinafter referred to as the "demised premises".

TO HAVE AND TO HOLD the demised premises above described and all buildings and improvements now thereon or hereafter placed or erected thereon, together with all the rights, privileges, easements and appurtenances thereunto attaching and belonging, unto the Lessee for and during the term and upon the provisions hereinafter specified.

SECTION 2. This lease shall be effective for a primary term beginning on the ..... day of ....., 1950, and ending on the 30th day of June, 1951,

and the Lessor hereby gives and grants to the Lessee the right and option of renewing this lease for successive two year periods until the year 1974 and thereafter for a one year period until the ..... day of ....., 1975. It is further agreed that unless the Lessee notifies the Lessor at least sixty days prior to the expiration date of the primary term or of any two year period thereafter while this lease, by its terms or by successive extensions thereof shall be in effect, of its intention not to renew the same, this lease shall be automatically renewed for the next succeeding two year or one year period, as the case may be.

SECTION 3. The Lessee, in consideration of the leasing aforesaid and in further consideration of the Lessor's covenants and agreements herein contained, hereby covenants and agrees to pay to the Lessor as rent for said demised premises (a) the sum of $100 in advance for the period beginning on the date of the execution hereof and ending on the day of the date on which the construction of said Residence Hall and Apartment Building as hereinafter provided shall be completed, but not later than June 30, 1954, and (b) after completion or from and after said date, whichever is earlier, further agrees to pay as rent during the balance of the two year period then in effect and during each two year period subsequent thereto in which this lease shall be in effect by virtue of renewals thereof, effected as aforementioned, the sum of $....., payable in semi-annual installments of $..... each on the 10th day of ..... and ..... in each year.

It is agreed that the semi-annual rent is to be assigned or pledged as security for the obligations of the Lessor incurred by it in accordance with the provisions of Section 5 hereof, and such assignment or pledge shall only be effective upon delivery of an executed counterpart thereof to the Lessee, and thereafter all payments of said rentals shall be made to said assignee or the pledgee at such place as it may, in writing, direct.

SECTION 4. The Lessor, in consideration of the rents herein reserved and of the covenants and agreements herein mentioned to be kept and performed by the Lessee, does hereby transfer, assign and set over to the Lessee all of its right, title and interest in and to each of the respective existing leases, whether oral or written, demising and leasing any part or portion of the present buildings on the premises described in Parcel B, together with all rent due and payable under said leases on the ..... day of ....., 1950, and all rents under said leases which shall become due and payable thereafter. It is further agreed that the Lessee shall have the sole right to manage and operate the demised premises and be entitled to sublet any or all of the demised premises and to collect all rentals and receive and retain under its control all income derived or accruing from the use of any part of the demised premises, and the Lessee agrees to pay all expenses of operation of said demised premises and the expenses of heat, light, power, water, janitor services and maintenance of the demised premises and all other expenses incident to the operation thereof; provided, however, that all rents so collected during the period of remodeling shall be by the Lessee used and applied, so far as the same may extend and be remaining after payment of expenses as in this Section provided, toward the cost of remodeling, reconditioning and improving the buildings to be retained now standing on Parcel B.

SECTION 5. The Lessor agrees to construct and erect and fully equip upon Parcel A the aforesaid Residence Hall and upon Parcel B the aforesaid Apartment Building, and further agrees, upon terms and conditions satisfactory to Lessee, to procure and provide, by and through its own obligations and at its own expense, all financing and funds necessary to complete the construction and erection of said buildings, to furnish said buildings, pay all architects' fees, including all advances made by the Lessee for that purpose, and any additional cost of remodeling the buildings to be retained now standing on Parcel B. It is further understood and agreed that said Residence Hall shall be constructed in accordance with plans and specifications prepared by Messrs. Naess & Murphy and that said Apartment Building shall be constructed in accordance with plans and specifications prepared by Messrs. Skidmore, Owings & Merrill, and that all such plans and specifications and the letting of all contracts for the construction, equipment and remodeling of said buildings and purchase of equipment and all payments for any and all such work to

contractors and of architects' fees shall be subject to the prior written approval of the Lessee, and further that such construction and work shall at all times be under the supervision and direction of said architects.

SECTION 6. The Lessee hereby covenants and agrees that it will, while this lease shall be in effect, carry and maintain at its cost and expense fire insurance with extended coverage upon the aforesaid buildings and equipment in such amounts and companies as may be deemed satisfactory to it, which policies shall provide that losses, if any, will be payable to the Lessor and the Lessee as their respective interests may appear, and in the event the rent payable hereunder is assigned or pledged, to carry and maintain such insurance in the amount as may be required by, which in the event of loss or damage shall be applied in accordance with, the provisions of the indenture or agreement securing said assignment or pledge.

SECTION 7. The Lessee hereby covenants and agrees to and with the Lessor that it will not use or permit any person to use the demised premises or any buildings at any time situated upon the premises or any part of such buildings for any use or purpose in violation of the applicable laws of the United States, the State of Illinois, the ordinances or other regulations of the City of Chicago, Illinois, or of other lawful authorities, and while this lease shall be in effect said demised premises and every part thereof and all buildings at any time situated thereon shall be kept by Lessee in a clean and wholesome condition and generally that all applicable health and police regulations shall in all respects and at all times be fully complied with by the Lessee, and also that improvements at any time situated upon the demised premises and all the sidewalks and areas in front and along the side of the same, as well as in the rear thereof, shall be made and kept, at the Lessee's own expense, safe, secure and conformable to the applicable requirements of the City of Chicago, Illinois, and all other public authorities, and the Lessor kept harmless and indemnified at all times against any loss, damage, cost or expense, for which the Lessor or the Lessee may be legally liable, by reason of a failure so to do in any respect, or by reason of any accident, loss or damage resulting to any person or property by reason of any use which may be made, or condition of said premises, or of any improvements at any time situated thereon, or by reason of or growing out of any act or thing done or omitted to be done upon the said premises, or in any building at any time situated thereon.

SECTION 8. The Lessee covenants and agrees at its own expense to maintain and repair all buildings now or hereafter located on the demised premises, and further agrees that it will not make any changes in the construction of the buildings now or hereafter located on the demised premises which will adversely affect the income therefrom without the approval of the Lessor.

SECTION 9. If at any time while this lease is in effect the Lessee shall fail to extend or renew this lease, or for a period of two months fail to make the rental payments herein provided, or shall make default in any of the covenants and agreements herein contained and two months shall elapse after such default without the same being remedied, the Lessor shall have the right, on written notice to the Lessee, to declare the said term ended and the said demised premises or any part thereof, either with or without process of law, to re-enter and the said Lessee and every other person occupying, in or upon the same to expel, remove and put out, using such force as may be necessary in so doing and the said premises again to repossess and enjoy as in its first and former estate.

SECTION 10. It is understood and agreed that this lease is subject to and accepted by the Lessee upon the condition that in the event of non-use of the demised premises, or any part thereof, for the purpose described in "An Act in relation to the establishment of a Medical Center District in the City of Chicago and for the control and management thereof", approved June 4, 1941, as amended, or of the disuse of the demised premises, or any part thereof, for a period of one year, all right, title and interest of the Lessee hereunder shall cease and determine and the demised promises revert to the Lessor, its successors or assigns, as provided by said Act as amended.

SECTION 11. If the Lessee shall maintain this lease in full force and effect until all of the Lessor's indebtedness referred to in Section 5 hereof is fully paid,

released and discharged, the Lessee may, as a matter of right and agreement, request of and the Lessor, upon such request, agrees to make, execute and deliver a good and sufficient deed conveying the demised premises to the Lessee. It is further understood and agreed that the Lessee shall have the right, in order to secure the aforementioned conveyance of the demised premises, to exercise any right of Lessor to prepay and discharge the said indebtedness, and upon such payment and discharge, notwithstanding the provisions of this Section, the Lessee shall be entitled to demand and receive the aforementioned deed of conveyance of the demised premises.

SECTION 12. It is understood that, if the Lessee shall fail to maintain this lease in effect on its present terms as long as any of the Lessor's indebtedness referred to in Section 5 hereof shall be outstanding, the Lessee shall forfeit all right, title and interest in and to the demised premises and shall forfeit all claims for moneys expended in maintenance, improvements, repairs, insurance, and any and all other moneys, of every kind and nature, expended by it in the operation and improvement of the demised premises and all rights to acquire the demised premises as hereinbefore provided.

SECTION 13. This lease may be simultaneously executed in any number of counterparts, each of which when so executed and delivered shall be an original, but such counterparts shall together constitute but one and the same instrument.

IN WITNESS WHEREOF Medical Center Commission has caused this lease to be executed in its corporate name and behalf by its President and its corporate seal to be hereunto affixed and attested by its Secretary and The Board of Trustees of the University of Illinois has caused this lease to be executed in its corporate name and behalf by its President and its corporate seal to be hereunto affixed and attested by its Secretary, all as of the day and year first above written.

MEDICAL CENTER COMMISSION

By.....
President

Attest:

.....
Secretary

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

By.....
President

Attest:

.....
Secretary

STATE OF ILLINOIS }
COUNTY OF COOK } SS

I, ..., a Notary Public in and for the County and State aforesaid, do hereby certify that ....., personally known to me to be the President of Medical Center Commission, a body politic and corporate of the State of Illinois, and ....., personally known to me to be the Secretary of said corporation and personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that as such President and Secretary they signed and delivered the said instrument and caused the corporate seal of said corporation to be affixed thereto as their free and voluntary act and as the free and voluntary act and deed of said corporation, for the uses and purposes therein set forth.

GIVEN under my hand and notarial seal this ..... day of ....., 1950.

.....
Notary Public

STATE OF ILLINOIS }
COUNTY OF COOK } SS

I, ..., a Notary Public in and for the County and State aforesaid, do hereby certify that ....., personally known to me to be the President of the Board of Trustees of the University of Illinois, a body politic and corporate of the State of Illinois, and ...., personally known to me to be the Secretary of said corporation and personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that as such President and Secretary they signed and delivered the said instrument and caused the corporate seal of said corporation to be affixed thereto as their free and voluntary act and as the free and voluntary act and deed of said corporation, for the uses and purposes therein set forth.

GIVEN under my hand and notarial seal this ..... day of ....., 1950.

.....
Notary Public

REPORT ON CASE OF PROFESSOR R. H. BLODGETT

REPORT OF FACT-FINDING COMMITTEE

June 12, 1950

Provost C. R. Griffith
207 Administration (East)

DEAR PROVOST GRIFFITH:

On May 18 you wrote, asking us to serve as a "fact-finding group on the question of possible violation of academic freedom in the Department of Economics." You wrote that you did not wish to prejudice the case by assuming that there was a violation of academic freedom, which might be the implication if you presented the question to the Senate Committee on Academic Freedom. You concluded by stating, "What I really need is assistance in the determination of prior fact, viz., has anything occurred with respect to Professor Blodgett either directly or indirectly, which requires that a question about academic freedom be raised?"

From the outset, the members of the Committee have assumed that this was an assignment of major significance to the University and to all individuals concerned with the question. In consequence the Committee has worked very hard. Whatever else you may conclude about our report, I am sure you will grant that we have gone about this task seriously and with industry. We have, of course, interviewed Professor Blodgett, Dean Bowen, and Professor Hagen. In all, we have heard twenty individuals and, in doing this, we have sought out, so far as we could determine them, all varying points of view. This has not been a one-sided examination.

Each individual who appeared before us gave the Committee his full cooperation. While some said they had no objection to their names being used in our report in relation to this testimony, the members of your Committee are deeply sensitive to the fact that they are the repositories of confidences that must not be violated. We wish to record the fact, also, that while wide divergences in opinion and judgment were expressed, the testimony on the essential facts brought out before the Committee was amazingly uniform. All the statements made were sincere and frank. After hearing the successive statements of those who testified and after observing their demeanor and their efforts to be fair in all they said, the Committee is puzzled over the fact that individuals apparently so candid and reasonable could have so much difficulty in getting along with each other. But here we are ahead of our report.

The commission to the Committee, according to your letter of May 18, had to do with the question of academic freedom. The Committee finds it undesirable, if not impossible, to report on that question alone. The issue of academic freedom is inextricably woven into a wider texture. We could give an answer to the academic freedom question but if we dealt with that alone, it would be an answer out of con-

text. It would not convey an understanding of the problem involved. From the very first, each successive person who was heard by us talked about a human-relations controversy. The facts disclosed by all the persons were essentially the same but, with few exceptions, they were not focused on academic freedom. Some who testified found it difficult even to identify an issue on that subject. We sincerely believe we can perform our services more acceptably if we describe and discuss the question assigned to us in a broader setting. In doing this, we shall devote attention primarily to the Department of Economics, but we shall also, on occasion, extend our remarks to the College of Commerce and Business Administration.

Background

Twenty years ago such men as Weston, Robinson, and Bogart dominated the situation in Economics. Professor Scovill was then, as he still is, active in Business Organization and Operation and in Accounting. C. M. Thompson was the Dean. In 1933, Professor Weston died, and Professor Robinson retired. Then followed what has been described as the "limping period." In 1937 new blood was introduced when several men, including Professor Blodgett, joined the staff. Then came World War II and its repercussions on higher education. A number of the staff went into the armed services, and a substantial number accepted positions in the various departments of government. Before the war, the largest number of staff members in the Department of Economics (counting assistants) was thirty-five. The Department for years had been understaffed. After the war the situation was well-nigh desperate as a depleted staff labored to meet the impact of mounting student enrollments. Professor Scovill was performing valiantly as Acting Dean of the College, but when other divisions of the University were planning and acting with all the manpower they could bring to bear on the problem of postwar enrollments, the College of Commerce and Business Administration was almost literally marking time, looking for a dean. In 1947 Howard R. Bowen was appointed to the position. The task that confronted him and his colleagues was a critical one.

When Dean Bowen arrived on the campus, he found that decisions on various policies and actions relating to the affairs of the College, including advancements for members of the staff, had been held in abeyance until his arrival. He was faced, therefore, not only with matters for decision on the ongoing problems of the College but with a backlog of unsolved issues. The immediate task ahead was to build up a depleted staff and to build it well. He chose, because he believed the situation there more critical than elsewhere, to give his attention first to the Department of Economics. It is not within the assignment of this Committee to determine whether it is wiser, assuming resources are available, to build a staff rapidly or through slower evolutionary steps. Dean Bowen felt it to be his assignment to proceed expeditiously with staff additions to build up a depleted staff, not only in number, but in distinction and potential distinction in teaching and scholarship. There was agreement among those who appeared before our Committee on these objectives. There was recognition that the Department of Economics was badly understaffed and there was unanimity that the goal should be the organization of a balanced and distinguished staff; that the goal should be a distinguished department.

Developments under Bowen

Dean Bowen is a man of high intelligence, high standards, and personal charm. He is industrious and energetic. On becoming Dean of the College, he proceeded forthwith to execute his assignment as he conceived it. Staff additions were made and curricular changes were initiated. No one who testified questioned the desirability of curricular changes. In fact, changes in the curriculum had been initiated by the staff in economics before Dean Bowen came. Some of these curricular changes involved the reorganization of the courses of the older members of the staff. The new staff members had to be fitted into the program with assignments in teaching and research. The older members, of course, were aware that they had been carrying overloads, but to agree to an objective becomes a matter of different complexion when the issue touches the instructor's own courses. As the newer men were fitted into the program of the department and changes were made in the courses of the older men, there often was inadequate consultation with the men whose courses were involved. This created resentment and apprehension.

The newer men, also, developed sensitivities. They had a right to expect teaching and research assignments. It was disagreeable for them to have to fight their way to these assignments. There was evidence of inequalities in rank and salary, and evidence of tactless remarks by the Dean and Professor Hagen, the present Chairman of the Department. Feelings were hurt. The older staff members developed the conviction that they had no standing with the administration; that they had no one in the administration to whom they could go with their questions and problems for friendly consultation; that the Dean and Professor Hagen placed a low estimate on their worth. There were innuendoes and some direct statements that the teaching and scholarship of the older men were outmoded, and, on the other hand, that the newer men were picked on the basis of their adherence to one school of economic thought. Charges were made that the older men were failing to use their skills and tools that were generally accepted in the discipline, and countercharges were made that these accusations were unfounded and that the newer members of the staff were indoctrinating with a special brand of economic policy.

Eventually a cleavage developed between the older and newer staff members. The Committee notes the fact that the division is not so definite as that, and that there are moderates who were anxious to work out a program of amicable teamwork. In the main, though, the cleft is between the new and the old. This cleavage resulted in practices involving caucusing when votes were taken in the Department and in its Executive Committee. There was some evidence of this procedure in the events leading up to the election of the present Chairman of the Department. There was clear evidence of it when the issue relative to Professor Blodgett's leaving the University came before the staff of the Department. The Committee wishes to record its condemnation of such practices. They are unworthy of university people and are incompatible with the best traditions of a society of scholars.

We have mentioned the fact that charges were made that there had been a lack of consultation with staff members when the courses of these individuals were under consideration for change. There were further charges with supporting evidence that the statutes of the University and the established procedures of the Department were, at times, ignored in the determination of curricular changes and in establishing policies. The Department of Economics is now organized under a chairman as distinguished from an organization under a head. The charge is that Professor Hagen, the Chairman, did on at least one occasion of some importance (as evidenced by ensuing events) ignore his Executive Committee. Charges were also made that Dean Bowen has taken actions without going through established channels. The general atmosphere is one of apprehension and distrust. It centers in the Department of Economics but extends to the staff of the whole College.

The Issue of Academic Freedom

Charges have been made by some individuals that academic freedom has been infringed in the College, and more particularly in the Department of Economics. Since these charges, for the most part, focus on the case of Professor Ralph H. Blodgett, we shall devote our attention primarily to it.

Professor Blodgett came to the University as an Assistant Professor in 1937. He was promoted to Associate Professor in 1941, and to Professor in 1945. Through the years of his service here, he had been given a growing number of responsibilities. These responsibilities in 1947 included the following: He taught at the undergraduate level a course for non-commerce students on the principles of economics; two courses on the subject of comparative economic systems, one at the undergraduate and the other at the graduate level; and a year (two-semester) course in economic theory at the graduate level. In addition, he was the adviser for graduate students in economics. His writings have been substantial. He was co-author (Gemmill and Blodgett) of *Principles of Economics,* and author of *Principles of Economics* (a text of his own), and *Comparative Economic Systems.* He has written some articles, but his original contributions to the periodical literature in economics have not been extensive. His textbooks have had substantial adoptions in other universities. He is a good teacher.

Those who charge violation of academic freedom agree that the Blodgett case is not the usual one in which that subject is involved. Professor Blodgett was not

discharged. They contend, as the Committee understands them, that Professor Blodgett was relieved, step by step, of his responsibilities in the Department until what remained was but a semblance; that statements were made by the Chairman of the Department disparaging his scholarship; that the Dean and the Chairman of the Department charged him unjustly with not employing in his teaching and writings recognized skills in the field of economics; that efforts were made by the Chairman to discriminate against him in salary advancement; that these actions were taken because Blodgett did not stress a particular brand of economics acceptable to Dean Bowen and Professor Hagen and that the cumulative effect of all these constituted a compelling force to make him leave the University in order to maintain his self-respect. Facts were presented to the Committee in support of these charges, on the strength of which the contention was made that there had been a violation of academic freedom.

The Department offers two basic courses on the principles of economics — one for commerce students (now Economics 102-103) and the other for non-commerce students (now Economics 108). Professor Blodgett, as we have indicated, taught the latter course, but his texts, at one time, had been used in both. The evidence is that Professor Hunter (now deceased), when he was the Head of the Department, had changed the text in the course for the commerce students. Later, under Dean Bowen, the course (Economics 108) for non-commerce students was transferred from Blodgett to another instructor, who does not use the Blodgett text. Professor Blodgett had taught two courses on comparative economic systems. In the one for undergraduate students, the Blodgett text, *Comparative Economic Systems,* was used. This course was transferred to another instructor, who does not use the Blodgett text. Professor Blodgett was given and accepted the responsibility for teaching another course (Economics 109) intended for non-commerce students who wish to take additional work in that field. He taught that course during 1949-1950, using his own text, but he had only fourteen students in it. There was some evidence that the plans for the curriculum involved giving greater emphasis to this course and that as a consequence it probably would have a considerable increase in enrollment next year.

Mention was made above that Professor Blodgett had been the adviser for graduate students in economics. He was relieved of that responsibility by Dean Bowen. More recently a move was projected by Professor Hagen, Chairman of the Department, to limit Blodgett's graduate course in economic theory from a year to a one-semester course. This proposal had not been approved by the Executive Committee of the Department when Blodgett decided to leave the University to accept an offer from the University of Florida. We shall mention the move to restrict the economic theory course in relation to another incident.

To what extent these various actions were discussed with Professor Blodgett before the steps just outlined were taken is not clear. There is evidence that he was consulted as to some. As to one move the evidence was that he was told about it by the then-Acting Head of the Department (Professor Brown) in the morning and action on it was announced in the afternoon of the same day.

Last spring when salary adjustments for 1950-1951 for members of the staff were under consideration by the Executive Committee of the Department, Professor Hagen, Chairman of the Department, opposed any increase for Blodgett Hagen was supported by one or two members of the Committee. The majority, however, voted to recommend an increase of $250. This recommendation was transmitted by Hagen to Dean Bowen, who raised the amount to $300 to make Blodgett's salary the same as that of another staff member. Professor Blodgett received $7500 last year (1949-1950). In March, when he had received an overture from Florida, he told Professor Hagen about it and inquired what he might expect here by way of increase for next year. Professor Hagen stated that he did not feel free to disclose this information without consulting Dean Bowen. Professor Blodgett did not have a complete offer at that time. He had a statement that Florida wished to invite him to come there at a salary of $8,000, but this was contingent on the approval of the Florida budget. Professor Hagen told Blodgett that he could not recommend $8,000 for him, since that would bring his salary out of line with others. During this conversation, Hagen told Blodgett that he

expected to recommend a reduction in time for Blodgett's graduate course in economic theory. Professor Hagen testified he told Blodgett that he was looked upon as a good teacher and that he hoped he would remain at Illinois. A day or two afterwards, Hagen, having obtained Dean Bowen's consent, told Blodgett that the increase recommended for him next year was $250 (later increased to $300).

Professor Hagen did not take the question of the Florida negotiations with Blodgett to the Executive Committee of the Department. Blodgett, to be sure, did not have a complete offer from Florida when he talked to Hagen, but, in view of the near finality of the Florida approach, Hagen probably should have done that. It should be observed that a chairman of a department (as distinguished from a head) under the statutes of the University has no clear powers, by virtue of his chairmanship, to decide departmental questions of policy. He is Chairman of the Executive Committee, but in settling matters of policy, he is but one of the Executive Committee which settles them. Whatever the proper judgment on this question may be, the fact is that Hagen was criticized by various individuals for not having taken this question forthwith to the Executive Committee, and this is cited as one of the instances in which an administrative officer failed to act through proper channels.

On May 4, Blodgett informed Hagen that he had received a definite offer from Florida and that he had accepted it. News of Blodgett's action became known almost immediately. In a setting already charged with apprehension and distrust, Blodgett's leaving was fuel for the flame. Some staff members went to Hagen at once to persuade him to act to keep Blodgett here. It was reported to us that Hagen resisted this move. We were told that Hagen on that occasion said that Blodgett is incompetent. Hagen was requested by staff members to call a meeting of the staff of the Department. He is reported to have resisted that move also but, on hearing that a petition for a staff meeting was being circulated, he called a meeting. At the meeting he explained the use of the word "incompetent." He spoke particularly of Blodgett's graduate course and said that, while he did not look upon Blodgett as best-fitted to present the essential materials in that required course, he did not mean to imply that Blodgett was incompetent in a general sense. A motion was presented to the group, aimed to seek ways to keep Blodgett here; it had a note of censure in it for Hagen. The vote was *22* to *22*. Another vote was called for. Professor Hagen said if this vote carried, he would look upon it as a vote of censure of himself. He also said that, regardless of the outcome of this vote, he would take the Blodgett question back to the Executive Committee. The second vote on this motion lost by a few votes. Hagen gave up the chair at this meeting and voted on the motions. Blodgett did not attend the meeting. Shortly after this meeting, the Provost declared the Blodgett negotiations closed.

Do these facts show a violation of academic freedom? There are those who contend with sincerity that they do. Our view is that they disclose not a violation of academic freedom but rather a failure in human relations and a failure in administration. On administration and human relations, we shall have more to say later.

We are sensitive to the fact that the actions taken on Professor Blodgett might, if the motivations for them were different than we conceive them to have been, show an infringement of academic freedom. As we see it, the question turns on motivation and emphasis. We find that the concern of Dean Bowen and Professor Hagen was to project the best possible program of instruction for students in economics. If we are right as to their objectives, their actions did not infringe academic freedom. We must assume that it is the responsibility of administrative officers who head educational divisions of the University to press for sound educational programs. Any other position on this question would be incompatible with ends of a university. If the officer is inept in the way he goes about accomplishing these ends, we have an administrative problem, but not one involving academic freedom. Even if he is mistaken on the contents of a sound educational program, so long as his actions are directed toward what he believes are sound educational ends, there is no violation of academic freedom. Here again, the problem is an administrative one. If, on the other hand, the motivation is the indoctrination of students with a particular point of view, as distinguished from good educational

policy, and if the administrator insists that that view be taught or insists that educational materials be withheld from students, then academic freedom is violated. The facts bearing on the situation in the Department of Economics do not support this conclusion.

What, then, are the critical facts in the Blodgett case? When Dean Bowen came to the University, Professor Blodgett occupied a strategic position in the Department of Economics. He was teaching a basic course to non-commerce students on the principles of economics, a year course on the theory of economics, required of all graduate students in economics and he was the adviser for graduate students in economics. In addition, he was teaching two courses, one for undergraduate students and the other for graduate students, on comparative economic systems. This, it would seem clear, was an overload of work, but the matter of overload was not, in the opinion of the Committee, the primary motivation for changes in Blodgett's program. Dean Bowen relieved him of his responsibilities for advising graduate students, and he was relieved of the teaching of the economic principles course and the undergraduate course in comparative economic systems. There also was a move by the Chairman of the Department to restrict his course in economic theory. What was the issue back of these actions? There was no objection to what Blodgett taught. There was agreement that what he taught should be taught and that he taught it well. The criticism by the Dean and the Chairman of the Department centered on the scope of his courses. The criticism was that he did not include in his teaching some of the important skills or analyses of economic data; that, while in charge of basic courses at both the undergraduate and graduate levels, he failed to equip his students with some of the essential skills employed in the discipline to arrive at economic facts. These, the Committee believes, are questions of educational policy, and not of academic freedom. There was no issue relative to ideologies. The question was: Did Blodgett or did he not give consideration to these skills in his courses? The Dean and the Chairman of the Department insisted that he did not. Some of the persons who came before the Committee said that he did and, indeed, insisted that he covered them adequately.

It is true that Professor Blodgett was relieved of the teaching of some courses and that he was relieved of the responsibility for advising graduate students. The Committee stresses the fact that no instructor has a vested interest in a course, nor in a position of responsibility for advising students. Educational interests are primary. When issues arise as to who should teach a course or who should advise students, a delicate administrative problem calling for high administrative skill may be involved, but the line of action is clear: If educational ends are best served through making changes in personnel, it is the responsibility of the administration to make them. We find that the actions taken by Dean Bowen and Professor Hagen in relieving Professor Blodgett of the teaching of some courses and of advising graduate students were administrative measures, and as such were aimed at improving the educational program of the Department.

There were, of course, other factors in the Blodgett case. There were charges that he was not informed relative to pending changes in his assignments, or at least not adequately consulted about them; that critical and tactless remarks were made about him; and that questions of policy were not taken through proper channels. These factors, we believe, all must be appraised in the light of their propriety as administrative actions. We conclude that the issue in the Blodgett case did not involve a question of academic freedom.

Problem in Human Relations

We have implied that the basic issue in the Department of Economics and extending into the broader context of the College of Commerce and Business Administration is one of administration. It is to be observed, however, that the situation in the Department of Economics when Dean Bowen became administrative head of the College was a critical one. He had the assignment of building up a depleted staff, depleted not only in number but in distinction. As steps were taken to execute this assignment, it was to be expected that some friction, some uneasiness and some apprehension as to their place in this changing context on

the part of staff members would arise. The Committee wishes to record its appreciation of the difficulties involved in this task. Notwithstanding, it finds that the situation now existent in the Department presents a failure in human relations. The responsibility for this failure must be shared by many individuals, but the burden of it falls on the administrative officers and particularly on Dean Bowen and Professor Hagen. The problem is one of personnel.

An Appraisal

We are sensitive to the fact that we have already gone beyond the scope of our assignment. Nevertheless, it would be unfortunate if we ended our report here, for we have perceived something which we believe merits emphasis and which holds genuine promise. We interviewed twenty individuals. They are reasonable people, frank, honest, and intelligent. These observations hold both for the older and the newer staff members. Dean Bowen and his colleagues have assembled in the Department of Economics a group of younger staff members of fine potentialities. Some have already made a place for themselves as scholars. This is not a radical group, and any impressions that it is must be allayed. As to the older men, they have achievements to their credit in teaching, scholarship, and research. It is perhaps unfortunate that the descriptive word "older" is used in relation to these individuals. Several in this classification are comparatively young men. There is full agreement in both the younger and older groups on objectives. All wish to make the Department a distinguished one — a department in which each will share in mutual pride with the others. All realize that, if they are to achieve this goal, they must learn to work together, and this, indeed, is what they want to do.

There is perhaps a misapprehension as to the schools of thought typified in these groups. There is a tendency to label the older group "conservative" and the young one "liberal." At times the word "radical" has crept in. A danger ever lurks in the use of labels. Perhaps on the whole the younger group includes more liberals than the older, but if this be true, it would not be a strange phenomenon. The fact is that there are liberal and conservative individuals in the older group, and liberals and conservatives in the younger one. As a whole, young and old, the group is predominantly conservative.

There is a divergence of views among them, but that is wholesome. Diversity in views is of the essence in a society of scholars. The ideal department in a university is one made up of strong men who approach the problems of their discipline from different angles, who are firm in their convictions, but who respect each other's views. Mutual respect and teamwork are essential. It is this atmosphere of trust and respect that now is lacking in the Department of Economics, and in a measure in the College. Except for that, this division of the University has the seeds of greatness. The staff members are well aware of the problems. In our opinion, they are anxious to bring about a happier situation. The point must be stressed, however, that if a propitious atmosphere is to become a reality, each individual involved must contribute his full share toward bringing it about, but while each must contribute to that end, the weight of the responsibility for consummating this result must fall on those who also bear the onus for the breakdown in relations: The weight of the responsibility for creating wholesome relations must fall on the Dean of the College and the Chairman of the Department. In this program Dean Bowen occupies a strategic position, and as a consequence the burden of establishing a framework of mutual trust and respect — a framework in which scholars with differing points of view can work with confidence and a feeling of security — must fall on his shoulders.

Sincerely yours,

F. WHEELER LOOMIS
FREDRICK S. SIEBERT
ALBERT J. HARNO, *Chairman*

June 22, 1950

A REPORT TO THE BOARD OF TRUSTEES ON CONDITIONS IN THE DEPARTMENT OF ECONOMICS AND THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

GEORGE D. STODDARD

I

The public announcement by Professor Ralph H. Blodgett on May 8, 1950, that he had accepted a position at the University of Florida precipitated newspaper charges on the question of academic freedom. Since no charges had been submitted through channels — to the Dean, the Provost or the President's Office — the Senate Committee on Academic Freedom (representing the faculty) had no item of business before it. There was no action requested by the American Association of University Professors.

Nevertheless, the Provost, feeling that the public would be confused by repeated statements out of context, decided to appoint a fact-finding committee to report on the question of a possible violation of academic freedom in the Department of Economics. He was supported in this move by Dean Howard R. Bowen, Dean of the College of Commerce and Business Administration, who wrote (May 17th):

"Because there have been innuendoes and thinly-veiled suggestions which have cast discredit upon the Department, the College, and the University, I believe it important that such allegations be further investigated and the truth established beyond any doubt. If anything is found to be wrong, it should be corrected at once.

"I urge you, therefore, to appoint an *ad hoc* committee consisting of faculty members from various departments of the University to investigate academic freedom in the Department of Economics or any other matters pertaining to the Blodgett case, and to report to the President."

Professor F. G. Wilson, Chairman-elect of the Committee on Academic Freedom, expressed the view that the plan followed by the Provost was a good procedure.

On May 18th, this *ad hoc* group accepted the assignment. It consisted of the following members: Dean Albert J. Harno, College of Law, Chairman (on the faculty since 1921); Professor F. Wheeler Loomis, Head of the Department of Physics (on the faculty since 1929); Director Fredrick S. Siebert, School of Journalism and Communications (on the faculty since 1926). I shall identify this group as the *Fact-finding Committee on Academic Freedom in the Department of Economics* (or, the *Fact-finding Committee*).

The Fact-finding Committee went to work immediately.

On May 31st, by telephone from Florence, Italy, I issued the following statement:

"I have been fully informed by letter and telephone of the last two weeks' developments on the Illinois campus.

"The fact-gathering committee composed of Professors Harno, Loomis, and Siebert, which is investigating the situation, has my complete confidence as does also the Provost of the University. I shall give immediate attention to the committee's report when I return to Urbana the middle of June, and if there is any suggestion of infringement on the honorable and traditional rights of a teacher or on the right of students to hear a diversity of viewpoints, I shall want to consult the Senate Committee on Academic Freedom and to take whatever other action seems necessary. We have the machinery to handle problems like these, and that machinery will be used. In the midst of argument and uncertainty we must not lose sight of the goal which we all have in mind — a great university dedicated to the needs of all of the people of a great state."

The Fact-finding Committee submitted its report on June 12th. It is signed by all three members. Its work having been done — and done well, in my opinion — I have discharged the Committee, expressing thanks for its devoted and painstaking service to the University.

Its report is before us.

Let us consider, first of all, the assignment. For the reasons given above, it

was asked to inquire into a "possible violation of academic freedom in the Department of Economics."

Now *academic freedom* is not a simple, black-or-white concept. It is not a packaged commodity. It has proved troublesome since the time of Socrates. The best statement on it is the well-known "1940 Statement of Principles" of the American Association of University Professors. I quote it exactly, omitting the further statement on academic tenure which is not germane to the present controversy:

"The purpose of this statement is to promote public understanding and support of academic freedom and tenure and agreement upon procedures to assure them in colleges and universities. Institutions of higher education are conducted for the common good and not to further the interest of either the individual teacher (The word 'teacher' as used in this document is understood to include the investigator who is attached to an academic institution without teaching duties.) or the institution as a whole. The common good depends upon the free search for truth and its free exposition.

"Academic freedom is essential to these purposes and applies to both teaching and research. Freedom in research is fundamental to the advancement of truth. Academic freedom in its teaching aspect is fundamental for the protection of the rights of the teacher in teaching and of the student to freedom in learning. It carries with it duties correlative with rights.

"Tenure is a means to certain ends; specifically: (1) Freedom of teaching and research and of extra-mural activities, and (2) a sufficient degree of economic security to make the profession attractive to men and women of ability. Freedom and economic security, hence tenure, are indispensable to the success of an institution in fulfilling its obligations to its students and to society.

Academic Freedom

"(a) The teacher is entitled to full freedom in research and in the publication of the results, subject to the adequate performance of his other academic duties; but research for pecuniary return should be based upon an understanding with the authorities of the institution.

"(b) The teacher is entitled to freedom in the classroom in discussing his subject, but he should be careful not to introduce into his teaching controversial matter which has no relation to his subject. Limitations of academic freedom because of religious or other aims of the institution should be clearly stated in writing at the time of the appointment.

"(c) The college or university teacher is a citizen, a member of a learned profession, and an officer of an educational institution. When he speaks or writes as a citizen, he should be free from institutional censorship or discipline, but his special position in the community imposes special obligations. As a man of learning and an educational officer, he should remember that the public may judge his profession and his institution by his utterances. Hence he should at all times be accurate, should exercise appropriate restraint, should show respect for the opinions of others, and should make every effort to indicate that he is not an institutional spokesman."

The Committee examined this question with care — and it went further, as it says, beyond its assignment, in a wholesome endeavor to probe into sources of frustration or misunderstanding in the Department and the College. It need not have done this; a less courageous group would have shunned the task! Nevertheless, I am grateful for this, for a better hearing body could not be found. To have ended their conversations with a simple determination of the prior question of academic freedom, would have been legalistically correct but otherwise unrewarding. Although the public had been led wrongly to identify the problem, a problem existed.

I shall now take up the conclusions of the Fact-finding Committee and then review them in some detail.

The basic question was, *Has there been a violation of academic freedom?* The Report gives the answer:

"The facts disclosed by all the persons were essentially the same but, with few exceptions, they were not focused on academic freedom. Some who testified found it difficult even to identify an issue on that subject."

After reviewing salient points concerning Professor Blodgett and actions related to his decision to leave Illinois, the Committee reverts to the original question:

"Do these facts show a violation of academic freedom? There are those who contend with sincerity that they do. Our view is that they disclose not a violation of academic freedom but rather a failure in human relations and a failure in administration. . . .

"We are sensitive to the fact that the actions taken on Professor Blodgett might, if the motivations for them were different than we conceive them to have been, show an infringement of academic freedom. As we see it, the question turns on motivation and emphasis. We find that the concern of Dean Bowen and Professor Hagen was to project the best possible program of instruction for students in economics. If we are right as to their objectives, their actions did not infringe academic freedom. We must assume that it is the responsibility of administrative officers who head educational divisions of the University to press for sound educational programs. Any other position on this question would be incompatible with ends of a university. If the officer is inept in the way he goes about accomplishing these ends, we have an administrative problem, but not one involving academic freedom. Even if he is mistaken on the contents of a sound educational program, so long as his actions are directed toward what he believes are sound educational ends, there is no violation of academic freedom. Here again, the problem is an administrative one. If, on the other hand, the motivation is the indoctrination of students with a particular point of view, as distinguished from good educational policy, and if the administrator insists that that view be taught or insists that educational materials be withheld from students, then academic freedom is violated. The facts bearing on the situation in the Department of Economics do not support this conclusion."

I concur in the judgment of the Fact-finding Committee with respect to a violation of academic freedom: *there has been none.* Following the AAUP definition, it can be said that:

(1) Professor Blodgett has had "full freedom in research and in the publication of the results." (That he has done little in the field of research has been a free choice on his part.)

(2) He has had "freedom in the classroom in discussing his subject."

(3) He has spoken and written as a citizen, "free from institutional censorship or discipline."

(4) In turn, he has not, to my knowledge, abused the privilege of academic freedom by "introducing into his teaching controversial matter which has no relation to his subject"; his utterances have been exemplary.

It can not be emphasized too strongly that the question of academic freedom as defined above is crucial — invested at every point with intellectual progress and with the public interest. In most faculties, as in ours, machinery exists for protecting these essential rights; national organizations are properly alert to this question. It was the loss of this right to work freely and speak freely that ruined the universities under Mussolini and Hitler — and it will ruin them under Stalin. In all free societies it is a right jealously guarded by professor and administrator alike.

As I have indicated, the Report of the Committee could have ended at this point. Lacking a complaint from an aggrieved person, lacking data to support the charges, I should not have reason to bring matters, however serious, before the Senate Committee on Academic Freedom. Therefore, as far as the issue of academic freedom is concerned, there is no business before us.

II

A second question, also invested with the public interest, is harder to define and harder to judge. It has to do with indoctrination, particularly of indoctrination with ideas foreign to our democratic principles. At the level of communism, the problem takes shape, but I find nowhere in the Report of the Committee, or in any responsible public reference, a suggestion of such infiltration. The Department of Economics is not "red"; it is not "radical." To quote the Report:

"Dean Bowen and his colleagues have assembled in the Department of Economics a group of younger staff members of fine potentialities. Some have already

made a place for themselves as scholars. This is not a radical group, and any impressions that it is must be allayed. As to the older men, they have achievements to their credit in teaching, scholarship, and research. . . .

"There is perhaps a misapprehension as to the schools of thought typified in these groups. There is a tendency to label the older group 'conservative' and the younger one 'liberal.' At times the word 'radical' has crept in. A danger ever lurks in the use of labels. Perhaps on the whole the younger group includes more liberals than the older, but if this be true, it would not be a strange phenomenon. The fact is that there are liberal and conservative individuals in the older group, and liberals and conservatives in the younger one. As a whole, young and old, the group is predominantly conservative."

As far as the principal persons in the controversy are concerned, they all appear to be defenders of capitalism. They are not blind to its faults; they want to strengthen it against error and to protect it from the blandishments of untried social systems.

Thus Hagen in his technical writings is deeply concerned with the ways in which a capitalistic system may protect itself against the recurrent dangers of economic depression and the high cost of living (*American Economic Review*, Vol. 38, Part 2, 1948, pp. 428-429):

"But improving federal machinery is only one step. For the President and the members of Congress are not after all the men who determine public action. The basic need is the spread of understanding of these rather technical matters among the public and a wider group of its leaders and specifically among the members of those social groups, and their leaders, whose conflicts of interest must be compromised if we are to achieve successful economic action in a democratic society. Professor Hart has thoughtful suggestions to offer concerning that problem. That spread of understanding is occurring; whether or not it will occur in adequate measure is in part the responsibility of the economic profession.

"There are prophets who affirm that we will not take the necessary steps for economic stability until we have plunged into another major depression. If so, the necessary steps may be accompanied by — or replaced by — irrelevant social changes based on misconceptions of the problem, and on widely felt emotional urges to fix the blame for one's misery, to absolve oneself of a feeling of incompetence and failure, and to gain a feeling of security. How good or ill will be the resulting changes in our social system will then be in part in the laps of the gods."

Blodgett's *Principles of Economics* (Farrar & Rinehart, 1941, pp. 609-610), closes with this paragraph:

"From this point it would seem a short step to reach the conclusion that we should trade in our old capitalistic system for a new socialistic model and thus be rid of our ancient difficulties in connection with business cycles. But this is a conclusion we must examine carefully. Granted that a socialistic economic system may be able to eliminate the business cycle, it has other features which many of us would not like at all. Under socialism, freedom of enterprise for the individual would be eliminated, too, and all of us would work for the government. We could own, for the most part, only consumable goods. Wages would be our only type of money income and differences in wages would be small between occupations and industries. There would be no chance to start our careers as poor boys and end them as rich men. The beneficial and stimulating effects of competition, as well as its wastes, would be lost. With all individuals receiving relatively similar amounts of wages, it might be most difficult under socialism to induce the workers to try to develop greater efficiency or to qualify for the more responsible and exacting managerial positions in industry. It is conceivable that in the operation of a planned economy there may be many more problems and obstacles more damaging than business cycles. Regardless of the political, social, or religious aspects of socialism, it is clear that not everything would be as rosy as promised under that system. Most of us may decide that we prefer to keep, with all its faults, our capitalistic system in which, as a novelist once said, the Law, in its majestic equality, forbids the rich as well as the poor to sleep under bridges, to beg in the streets, and to steal bread."

Bowen states in *Toward Social Economy* (Rinehart & Company, Inc., 1948, p. 326):

"For example, capitalism provides highly effective motivation for individuals. It spurs them on to great personal effort in providing the goods needed by society. Also, it encourages experimentation, innovation, new ideas, and new ways of doing things. Moreover, it provides a fascinating and varied 'game' in the form of a competitive race for fame, fortune, and economic power which anyone with the wit, the courage, and the stamina can enter. Finally, capitalism is one type of economic system which has *demonstrated* that it is compatible with free political institutions. That any other system is compatible with or conducive to political freedom is a theory and not a demonstrated fact."

Perhaps the other two would join us laymen in subscribing to Bowen's final paragraph (*Ibid.*, p. 330):

"To solve our problems intelligently will require more scientific social knowledge than we now have. One can be reasonably hopeful that social scientists will be able to provide this knowledge — especially in view of the great strides in this area of study within the past generation. But in addition to knowledge, statesmanship on the part of our political leaders will be required, and also — not less important — our people must understand the issues and must learn to view these issues in terms of the broad social interest. The technical findings of social scientists are of little consequence unless there is also receptivity to the findings among the people. The great tasks of our age are to develop social science and to bring about a widespread diffusion of knowledge and understanding about social matters to the end that we may develop a free society of plenty and justice."

III

This leaves us with a third basic question, to which the Committee devoted a substantial part of its report: Since there is apparently frustration in the Department of Economics, and perhaps in other areas of the College of Commerce and Business Administration, what are the true difficulties?

I shall take up certain general considerations first and then refer explicitly to the case of Professor Blodgett. The Fact-finding Committee states that in 1947 when Dr. Howard R. Bowen was appointed Dean of the College of Commerce and Business Administration:

"The task that confronted him and his colleagues was a critical one . . . decisions on various policies and actions relating to the affairs of the College, including advancements for members of the staff, had been held in abeyance until his arrival. He was faced, therefore, not only with matters for decision on the ongoing problems of the College but with a backlog of unsolved issues. The immediate task ahead was to build up a depleted staff and to build it well."

There has not been any divided feeling about the goal in the Department of Economics, namely, that it should become a distinguished department. The Fact-finding Committee does not go into substantive issues on this; it gives its attention largely to procedures, personnel, and administrative efficiency. I should like to say something about the merits of the question.

It is natural that the Department of Economics should, from the first, receive special attention from a new dean, for economics is a fundamental subject, not only in commerce but also in the social sciences. The Department of Economics apparently had not kept pace with other departments in the College and the University. There was in the Department a large number of young assistants. Little research was in progress. There were many decisions to be made involving staff, salaries, promotions, curricula, and joint relationships between departments. It was inevitable that some decisions would cause dissatisfaction in various staff ranks.

Dean Bowen is aware of the fears that exist in the College, and especially of the fear on the part of older staff members that they might be overlooked. Nevertheless, he points out that almost every member of the staff who was here in 1947 has been recommended for salary increases for each of three succeeding years. In terms of percentage, the salary increases for this "older" group have been larger than for new persons added to the staff. Of the fourteen members of the faculty now receiving a salary of $8,000 or more, nine were on the staff before Dean Bowen arrived. There is no evidence to indicate that the older group is at a disadvantage in salary, rank, or rate of promotion. It is true, however, that the

Dean, the Chairman of the Department of Economics, the Director of the Business Management Service, the Director of the Bureau of Economic and Business Research, and the head of the Division of Secretarial Training have been brought in from the outside. All these appointments were carefully reviewed at the time they were made. In my opinion, the decisions were sound.

It is necessary to relate recommendations and decisions of this type to conditions that exist in the College. It is easy to misunderstand references to "inbred" conditions that obtain in certain areas of the College. The Department of Business Organization and Operation furnishes the outstanding example. The table below shows the percentage of staff members of the rank of assistant professor or above who have had their terminal degrees from the University of Illinois:

Accountancy	93%
Marketing	62%
Management	75%
Secretarial Training	50%
Business Law	100%
All divisions	81%

The bringing in of men from the outside in some of these areas can scarcely be regarded as an attempt to replace the old by the new; rather, what we have had is a near monopoly enjoyed by Illinois professors and their students. Dean Bowen's statement to me in regard to this is reassuring:

"However, we should not be dogmatic or inflexible on the subject of inbreeding. I believe that we should get the best possible man for each vacancy that arises. If the best man is now on the staff or if he holds degrees from Illinois, he should not be discriminated against merely because of his Illinois connections. If anything, this should be an argument in his favor in the sense that we would prefer a member of the family and a person we know to an outsider."

In any case, I have found no evidence that political views have had anything to do with appointments or promotions in the Department of Economics or elsewhere in the College. In times of hot and cold wars, in which the Government of the United States is deeply involved, it is inevitable that some of the best men would come to us after a season of Government service. Such men would have worked for the Government as a patriotic contribution, regardless of what political party was in power. The economic and financial problems of the United States dominate the whole Western World. The technical assistance on these problems rendered by many of our staff members is to their credit. These men are as independent in their thinking, writing, and theorizing as are men in the field of chemistry, engineering, or agriculture. Nowhere have I found evidence of devotion to a particular dogma, theory, or person without reference to the merits of the case.

In view of Dean Bowen's special competence in economics and finance and of his intention to build up this basic area, it has sometimes been said that he is not paying sufficient attention to the professional aspects of education for business. I believe there is little substance to such complaints. We have a new curriculum in secretarial training; there is a proposal by Dean Bowen that finance be made a separate division of the Department of Economics in order to give better professional education for financial occupations; there are proposals for new professional curricula in statistics, insurance, advertising, and merchandising and there is a steady attention to improvements in the programs in accountancy, marketing, management, and industrial administration.

IV

Finally, what are the special troubles that center in the case of Professor Blodgett?

There is no need to repeat here the detailed notes presented in the Report of the Fact-finding Committee. The question is not one of academic freedom; it is not, at root, a matter of conflicting ideologies. We come rather to a discussion (a) of the quality of certain administrative judgments and (b) of the propriety of certain procedures. All these must be judged on their merits and in the light of the statement, unanimously accepted, "that the goal should be a distinguished department."

With respect to the case of Professor Blodgett, it is clear:

(1) That his academic freedom has not been impaired. (See the first part of my report.)

(2) That differences in ideology between him and administrative officers, if they exist, are not involved. (See the second part of my report.)

(3) That his responsibility for graduate teaching and research supervision had been reduced. (In view of the growth of the Department and of Professor Blodgett's major interest in textbooks and general economics, I would approve this change.)

(4) That his salary has not been adversely affected by recent events. (This is shown by the following facts:

	Professor Blodgett	
Academic Year	*Salary*	
1945	$5,000	
1946	5,000	(adjusted to $5,800, 2/27/47)
1947	7,000	
1948	7,250	
1949	7,500	
1950	7,800	(recommended by Dean Bowen)

Professor Blodgett's Florida offer apparently was slightly higher, but not significantly so in view of dislocation expenses and a possible loss in retirement funds.)

(5) That Professor Hagen probably erred in not sharing with the Executive Committee of the Department Professor Blodgett's first indication of an interest in going to the University of Florida.

The word, "probably," is used advisedly here, as no doubt it was in the Report of the Fact-finding Committee. Normally there would be another opportunity for discussion when the Florida offer was clarified. When, as the Report states, "on May 4, Blodgett informed Hagen that he had received a definite offer from Florida and that he had accepted it," there was, in fact, no need to go further. At that time, Professor Blodgett had entered into a contract with the University of Florida, as was his privilege. Hence the subsequent staff meeting, while of interest, was not of consequence in the matter of retaining Professor Blodgett. Professor Blodgett was already under contract to serve elsewhere. (That is precisely what is meant by "accepting an offer.") The motion in the staff meeting, therefore, must have been somewhat involved, for it included the taking of steps to keep Professor Blodgett and a "note of censure" for Professor Hagen. It lost by a vote of 25-19.

(6) That clarification is needed with respect to the duties of the chairman of a department. (The University Statutes say:

"(d) In each department organized with a chairman, there shall be an executive committee composed of men of the rank of assistant professor or above, elected annually by the voting members of the department. The chairman of the department shall be *ex-officio* a member and the chairman of this committee. The chairman and the executive committee shall be responsible for the preparation of the budget and for such matters as may be delegated to them by the voting faculty of the department. In a department which has a voting faculty of five members or fewer the executive committee shall consist of all persons of the rank of assistant professor or above.

"(e) In each department organized with a chairman, that officer shall be responsible for the formulation and execution of departmental policies and the execution of university and college policies in so far as they affect the department; he shall have power to act independently in such matters as are delegated to him by the executive committee; he shall report on the teaching and research of the department; he shall have general oversight of the work of students in the department; he shall collaborate with the executive committee in the preparation of the budget and be responsible for the expenditure of departmental funds for the purposes approved by the executive committee; he shall have general charge of departmental property; and he shall call and preside over all meetings of the department and of the executive committee. The chairman together with the executive committee shall be responsible for the organization of the work of the department, and for the quality and efficient progress of that work.

"(f) In the administration of his office the chairman shall recognize the individual responsibility of other members of the department for the discharge of the duties committed to them by their appointments, and shall allow proper scope to the ability and initiative of all members of the department.")

This means that the Chairman has genuine responsibilities, but their extent, like the powers of the executive committee, will vary with the actions of the voting faculty. In any case, I feel that Professor Hagen will need to study this matter, as will Dean Bowen, as an indicated move toward wholesome relations among all concerned.

I am unable to take seriously the implications concerning a choice of textbooks. Very likely I am revealing a prejudice in this regard. It occurs to me that no professor should insist upon having his textbooks adopted by other professors, or in any course in the department. I find no evidence that Professor Blodgett himself raised this question. A professor who writes a textbook is vulnerable with respect to any requirement that it be used in his classes or in the classes of his colleagues. Such decisions are, of course, best made by other persons.

V

It should be repeated that the real test of progress in the Department and the College will come from external sources. What is their position in the academic world with respect to instruction, research, and public service? Many persons have remarked upon the high quality of the instruction in economics. The research studies constitute a steady stream; they are impressive. Also, advanced students in economics are turning toward the University of Illinois. From Dr. Louis N. Ridenour, Dean of the Graduate College, I have secured the following data:

Fellowship Applications

Year	*University*	*Department of Economics*
1949	756	20
1950	1172 (55% increase)	78 (290% increase)

As Dean Ridenour says, "Graduating seniors usually follow the advice of their professors in deciding where to send their applications for graduate fellowships. The best institutions, and the best departments within those institutions, get the largest number of applicants."

The chief public service is in the education of young people at all levels from the first year of college to the doctorate. In addition, as noted above, various branches of the College of Commerce and Business Administration, as never before, are entering vigorously into programs that give immediate assistance to business and industry in Illinois.

In summary, I agree in principle with the final words of the Fact-finding Committee — Dean Bowen occupies the strategic position in amalgamating the diverse forces and points of view in the College, within a "framework of mutual trust and respect." To my way of thinking, the word, *mutual*, is important. It calls for a new attempt at understanding on the part of staff members who may have been disaffected, and for renewed attempts on the part of the Dean. Moreover, it calls for a further effort on the part of the Provost and myself to evaluate decisions and procedures in order that progress may be achieved in an atmosphere conducive to personal growth for everyone.

There is no growth without struggle and a certain amount of pain. The University of Illinois is a healthy, growing institution. It is young in years and still younger in its realization of the vast potentials of wealth and human resources given to the great State of which it is a part.

The University has a place of residence — indeed, several places. It tries to be a good neighbor in the local community, but it is not a local enterprise. Every farm, village, town, and city in Illinois has a stake in the University. As a community of teachers, researchers, and public workers, the University reaches out to meet standards unrelated to political boundaries. The study of atomic energy, for example, tends to ignore geography and to point our efforts to the future. For the University of Illinois, as I envisage it, backed by the Board of Trustees and leaders in the various branches of the State government, these standards must be of the highest. Our concern is with the talent and the promise of youth and we can do no less.

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