

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 \$2,200 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 \$28,395.97 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

	<i>Project 1 Multiple Story Apartment</i>	<i>Project 2 Adjacent Properties</i>	<i>Project 3 Combined Project (1 and 2)</i>	<i>Project 4 Student Residences</i>
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

(g) 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)

	<i>Two six-story and two three- story buildings (Complete Project, 213 apartments)</i>	<i>West one six-story and one three- story building (106 apartments)</i>	<i>Two six-story buildings (189 apartments)</i>
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
<i>Totals</i>	<u>\$2 304 663 53</u>	<u>\$1 222 995 39</u>	<u>\$1 974 658 15</u>

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
<i>Total Capital Costs</i>	<u>2 993 224 00</u>	<u>1 674 802 00</u>	<u>2 601 898 00</u>
Funds available (including land at \$78,300).....	<u>730 000 00</u>	<u>730 000 00</u>	<u>730 000 00</u>
Balance needed.....	<u>\$2 263 224 00</u>	<u>\$ 944 802 00</u>	<u>\$1 871 898 00</u>

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:

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

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:

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

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.

	<i>Program A</i>	<i>Program B</i>
	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
<i>Total</i>	<i>60</i>

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
<i>Total.....</i>	<i>\$27 865</i>

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:

	<i>Estimated Cost</i>
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:

	<i>Tons</i>	<i>Shipping point</i>	<i>Price f.o.b. mine</i>	<i>Freight</i>	<i>Delivered cost</i>
Taylor-English Coal Co., Danville.....	44 000	Catlin	\$4 20	\$ 95 ¹ 98 ²	\$5 15 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 4 75 ²	95 ¹ 98 ²	5 20 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:

	<i>Tons</i>	<i>Price f.o.b. Mine</i>	<i>Freight</i>	<i>Delivered cost</i>	<i>Approximate total</i>
Taylor-English Coal Co....	25 000	\$4 20	\$ 95 ¹ 98 ²	\$5 15 5 18	\$129 000
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.

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).....	<u>70 439 04</u>
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.....	<u>250 00</u>
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-PENNEL FARM

(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
<i>Total estimated cost.....</i>	<i>\$35 100</i>

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
<i>Total</i>	<i>\$18 616</i>

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:

I. 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 ($\frac{1}{2}$), Summer Session, 1948, June 18-August 14, 1948, \$685, supersedes (7-15-48).
- BAMBER, MRS. LOIS R., Serial Cataloger, rank of Instructor, Library ($\frac{1}{2}$), Instructor, Library Science ($\frac{1}{2}$), 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 ($\frac{1}{2}$), 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 ($\frac{1}{2}$), 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) ($\frac{1}{2}$), 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 ($\frac{1}{2}$), 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 ($\frac{1}{2}$), Assistant to the Director, School of Journalism (Y basis) ($\frac{1}{2}$), 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) ($\frac{3}{4}$), 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) ($\frac{2}{3}$), 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 ($\frac{1}{4}$), 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 ($\frac{1}{3}$), 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 ($\frac{1}{2}$), 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) ($\frac{1}{2}$), Summer Session, 1948, June 18-August 14, 1948, \$800, supersedes (7-15-48).
- GIBB, C. A., Psychology ($\frac{4}{5}$), 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 ($\frac{3}{4}$), Assistant Professor, Institute of Communications Research ($\frac{1}{4}$), 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 ($\frac{1}{2}$), 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) ($\frac{1}{2}$), 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 ($\frac{3}{4}$), \$3250, University of Illinois Bands ($\frac{1}{4}$), \$750, one year beginning September 1, 1948 (7-15-48).
- HUFF, L. R., Business Organization and Operation ($\frac{1}{2}$), 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 ($\frac{1}{2}$), 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) ($\frac{1}{2}$), Division of University Extension ($\frac{1}{2}$), 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).
- JUVINAL, 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 ($\frac{1}{2}$), 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 ($\frac{1}{2}$), 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).
- LAUGHANAN, 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) ($\frac{3}{4}$), 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 ($\frac{1}{2}$), 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) ($\frac{3}{4}$), 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 ($\frac{1}{2}$), 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 ($\frac{1}{2}$), 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 ($\frac{1}{2}$), 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 (4½), 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).
- PROFES, 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 (¾), 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) (¾), Summer Session, 1948, June 18-August 14, 1948, \$584, supersedes (7-15-48).
- ROBBINS, E. W., English (½), Summer Session, 1948, June 18-August 14, 1948, \$334, supersedes (7-10-48).
- ROBERTS, D. R., Humanities (Undergraduate Division in Galesburg) (¾), Summer Session, 1948, June 18-August 14, 1948, \$667, supersedes (7-15-48).
- ROBERTSON, CARITA, Physical Education for Women (½), 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) (⅔), Summer Session, 1948, June 18-August 14, 1948, \$741 (6-19-48).
- SANDAGE, C. H., Journalism (½), 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) ($\frac{3}{4}$), 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 ($\frac{1}{3}$), 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 ($\frac{1}{2}$), 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 ($\frac{1}{2}$), 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 ($\frac{1}{2}$), 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 ($\frac{3}{4}$), 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) ($\frac{2}{3}$), Summer Session, 1948, June 18-August 14, 1948, \$482, supersedes (7-15-48).
- WEIGEL, EUGENE, Music ($\frac{1}{2}$), Summer Session, 1948, June 18-August 14, 1948, \$556, supersedes (7-10-48).
- WEIGEL, EUGENE, Associate Professor, Music ($\frac{3}{4}$), 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).
- 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 ($\frac{1}{3}$), 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.
- PIIPPS, 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.
- TREIZE, 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)
<i>Total</i>		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)
 EVERLY, 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
 DICKFY, 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
 EDWIN, 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)
 VERBRUGGHE, 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)
 KLAUANS, 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)
 CHESSE, 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*)
 LOBRATCO, 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
- LEARSEY, 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

GEHARDT, 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)
 FLEISSNER, 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)
 NELSON, 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	SECOND SEMESTER	HOURS
Rhet. 101—Rhetoric and Composition.....	3	Rhet. 102—Rhetoric and Composition.....	3
Zool. 101—General Zoology.....	5	Bot. 105—Introductory Botany....	3
Chem. 101 or 102—Inorganic Chemistry.....	5 or 3	Chem. 105—Inorganic Chemistry	5
Hygiene 102 or 105.....	2	Military Science (for Men).....	
Math. 104 or 114—Trigonometry.....	3 or 2	Physical Education.....	
Military Science (for Men).....		Electives.....	4-7
Physical Education.....		<i>Total</i>	15-18
<i>Total</i>	15-18		

Second Year

Physics 101—General Physics....	5	Physics 102—General Physics....	5
Foreign Language ¹	4	Foreign Language ¹	4
Chem. 122—Quantitative Analysis; or Chem. 133—Organic Chemistry.....	5	Chem. 133—Organic Chemistry; or Chem. 122—Quantitative Analysis.....	5
Military Science (for Men).....		Military Science (for Men).....	
Physical Education.....		Physical Education.....	
Electives.....	2-4	Electives.....	2-4
<i>Total</i>	16-18	<i>Total</i>	16-18

Professional Curriculum**First Year**

FIRST SEMESTER	CREDIT HOURS	CLOCK HOURS	SECOND SEMESTER	CREDIT HOURS	CLOCK HOURS
V.A. 311—Gross Anatomy.....	5	12	V.A. 312—Gross Anatomy.....	5	12
V.A. 313—Histology and Embryology.....	5	12	V.A. 314—Histology and Embryology.....	5	12
Chem. 350—Biochemistry.....	5	11	Bact. 104 and 105—General Bacteriology.....	5	9
An. Sci. 102—Principles of Feeding.....	3	3	An. Nutr. 301—Introduction to Animal Nutrition.....	3	3
<i>Totals</i>	18	38	D.P. 100—Dairy Production.....	2	4
			<i>Totals</i>	20	40

Second Year

V.P.H. 325—General Pathology.....	5	9	V.P.H. 326—Special Pathology.....	5	9
V.P.H. 323—Bacteriology and Immunology..	6	10	V.P.P. 322—Physiology	4	7
V.P.P. 321—Physiology	4	7	V.P.H. 324—Parasitology.....	6	10
An. Sci. (<i>new</i>)—Livestock Breeds and Management.....	6	8	V.P.P. 329—Pharmacology.....	3	3
<i>Totals</i>	21	34	An. Sci. 305 (or <i>new course</i>)—Animal Genetics.....	3	3
			<i>Totals</i>	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	<i>New Course</i> —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	<i>New Course</i> —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
<i>Totals</i>	20	32	<i>Totals</i>	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	<i>New Course</i> —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	<i>Totals</i>	18	34
<i>Totals</i>	19	35			

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.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
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 - $\frac{3}{4}$ ditto; 250,000 No. 10 - 28 lb. white wove envelopes; 100,000 No. 6 - $\frac{3}{4}$ 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

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
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 pickup 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	Wilkins-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

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
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 maidstrucks; 2 #943 two-shelf trucks	Residence Halls	Nutting Truck and Caster Co., Chicago	1 360 07 f.o.b. Urbana
Fifty-four 60x12 quarter oak flat top desks	Liberal Arts and Sciences Administration	Jack Sheean, Bloomington	3 139 56 f.o.b. Evansville, Ind.
Two mega-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 amp-line 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, 1 1/4" 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 in- stalled 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

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
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.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
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	13½¢ a gallon, or 1 050 00

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED

MAY 1 TO 31, 1948

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
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
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
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
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
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

<i>With Whom</i>	<i>Property</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
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
<i>Sub-total, Urbana-Champaign Departments.....</i>	<i>1</i>	<i>543 562</i>

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
<i>Sub-total, Chicago Undergraduate Division.....</i>	<i>85</i>	<i>929</i>

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
<i>Sub-total, Chicago Professional Colleges.....</i>	<i>367</i>	<i>545</i>

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

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

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

¹ Division of Services for Crippled Children.

