

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

October 22, 1956



The October meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Monday, October 22, 1956, beginning at 2:15 p.m., Central Daylight Saving Time.

The following members were present: Mr. Cushman B. Bissell, Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Herbert B. Megran, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, and Mr. Kenney E. Williamson. Mr. Vernon L. Nickell and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Henning Larsen, Dr. Herbert E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Dean C. C. Caveny of the Chicago Undergraduate Division, Mr. C. S. Havens, Director of the Physical Plant Department, Professor Norman A. Parker, Chairman of the Building Program Committee, Director Miodrag Muntyan of the University Press, Mr. Charles E. Flynn, Director of Public Information; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following reports and recommendations from the President of the University.

BIENNIAL OPERATING BUDGET AND BUILDING PROGRAM 1957-59

(1) The state law requires that the University file with the Department of Finance, on or before November 1 of each even-numbered year, a budget of requests for appropriations for the biennium beginning the following July 1. I submit herewith the recommendations of the University administration for (a) the operating budget and (b) the building program, including capital appropriations other than new buildings, for 1957-59.

The operating budget has been prepared after several months of careful study by a special budget committee under the chairmanship of the Vice-President and Provost. The capital budget is also the result of several months of study by the Building Program Committee. The operating budget and the building program have also been reviewed with the University Council. In each budget substantial reductions were made in the original requests submitted by the several departments and colleges. The budgets as submitted represent the minimum needed to carry on and develop the University's services adequately during the biennium 1957-59.

Both budgets were also studied in detail in a special work session by the Finance Committee and the Committee on Buildings and Grounds of the Board of Trustees. These committees are prepared to support the recommendations.

I request that the operating budget and building program be approved as a basis for filing with the Department of Finance and for presentation to the state administration and the Budgetary Commission.

Operating Budget

The complete report of the President of the University on the operating budget, giving detailed analyses and supporting textual material, was previously sent to all members of the Board of Trustees for their study in advance of the meeting. A copy of this report was filed with the Secretary of the Board as a part of the record of the meeting. The recommendations of the President of the University and of the Building Program Committee had previously been reviewed by the Board of Trustees Finance Committee and the Committee on Buildings and Grounds at two special work sessions devoted to this purpose.

In presenting the formal recommendations of the University administration, President Henry pointed out that the operating budget and building program, as submitted, reflect in some measure policies already approved and the decisions previously made by the Board of Trustees. He called particular attention to the following:

Educational and Research Programs. For three biennial periods, the University has received virtually no new funds for increasing the effectiveness of present educational and research programs and for new programs; whatever has been done in these areas was accomplished through adjustments in budgets at the expense of other needs.

Farm and Home Advisers' Salaries. The Illinois Agricultural Association and the Illinois Home Bureau Federation have informed the University that they will be obliged to make substantial reductions in their contributions to the Extension Service in Agriculture and Home Economics, and have asked that this be taken into consideration in the University's request for state appropriations.

Salaries. The amount requested for increases in salaries and wages represents one-half of the new money in the budget estimates. It is approximately 10 per cent of the total budget askings.

Student Fees. The estimate of University income is based upon increasing the total fees charged nonresidents of Illinois. A formal recommendation on this will be submitted to the Board at a subsequent meeting.

Enrollments. It should be noted that not all of the increase in the operating budget requested can be related to anticipated increase in enrollments. Much

of the new money is for adjustments of salaries and wages for necessary extension of existing programs of education and research, and some of it reflects increased operating costs.

Building Program

The complete report of the Building Program Committee was sent to all members of the Board of Trustees for their study in advance of the meeting. That part of the report which includes recommendations for the biennium for 1957-59 is included in the minutes below. A complete copy was filed with the Secretary of the Board for record.

President Henry opened the presentation of this part of the budget by referring to the excellent work of the Building Program Committee under the chairmanship of Professor Norman A. Parker, Head of the Department of Mechanical Engineering. The President announced that subsequent to the study of the building program by the two committees of the Board, he has decided to recommend addition of the following:

Plans and specifications for the Agronomy Unit of the Plant Sciences

Building.....	\$ 200 000
Matching funds for federal grants for science and research facilities	1 000 000
Acquisition of a site for the Chicago Undergraduate Division.....	1 250 000
Total.....	\$2 450 000

The addition of these items will make the building program total \$35,674,000.

Self Liquidating Projects. It is feasible to include in the Building Program for 1957-59 the following buildings which can be financed through bond issues and the assessment of a building service fee and which will require no direct state appropriation:

Addition to the Illini Union Building (this has already been authorized by the Board).....	\$ 5 000 000
Student Service Building (including the Health Service).....	2 000 000
Auditorium-Gymnasium Building.....	5 000 000
	<u>\$12 000 000</u>

The President recommended that these projects be included in the building program for 1957-59, although not in the askings for state funds.

It is estimated that the assessment of a student service fee of \$20 per semester (this will apply only to students enrolled on the Urbana-Champaign campus) will provide sufficient revenues for the amortization of bond issues. Since this will be a service charge, the fee will not be assessed until the buildings are ready for use.

Following this presentation, President Megran called for discussion by the Board of Trustees, in which all of the members present participated. Mr. Livingston discussed the studies made by the two committees of the Board in which seven of the Trustees participated. He called attention to the financing of the student housing program, funds for which come from a small amount of withholding from tuition fees, as authorized by law, and the balance from non-tax sources. He pointed out that this method of financing can be extended to the self-liquidating projects proposed by the President of the University.

At the conclusion of these discussions, Mr. Livingston moved that the following operating budget and building program be approved and that the President of the University and the President of the Board be authorized to present these recommendations to the Department of Finance, to the state administration and the Budgetary Commission. On motion of Mr. Herrick, Mr. Livingston's motion was amended to include the Chairman of the Finance Committee in the presentation of the budget and building program to the state administration. This motion, as amended, was adopted by the following vote: Aye, Mr. Bissell, Mr.

Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megrn, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

Mr. Bissell asked that the record show that this budget, as approved, represents the minimum requirements and that University officials would have been justified in requesting much larger appropriations but reduced the askings to the bare essentials.

THE UNIVERSITY OF ILLINOIS BIENNIAL BUDGET FOR OPERATIONS 1955-57
SUMMARY OF APPROPRIATIONS REQUIRED

	<i>Requested by Deans and Directors</i>	<i>Proposed by Budget Committee</i>
Increases Requested		
I. Contribution to Retirement System.....	\$ 697 900	\$ 697 900
II. To continue existing operations		
A. To continue for a full biennium funds required for one year only in 1955-57.....	400 000	400 000
B. To place temporary appropriations on a permanent basis.....	482 200	482 200
C. To transfer a portion of farm and home advisers' salaries from Agricultural Premium Fund.....	200 000	200 000
III. For additional enrollment.....	3 986 529	3 018 100
IV. To put new buildings into operation.....	290 328	290 300
V. To improve the educational program		
A. To increase effectiveness of existing programs.....	8 269 646	4 200 000
B. For new programs and major extension of existing programs.....	4 069 862	1 309 400
VI. Increase in refunds.....	50 000	50 000
VII. For nonrecurring purposes.....	2 483 313	1 250 000
<i>Sub-total</i>	<u>\$20 929 778</u>	<u>\$ 11 897 900</u>
VIII. Salary adjustments, academic and nonacademic		10 900 000
<i>Total Increases</i>		<u>\$ 22 797 900</u>

TOTAL BUDGET

	<i>General Revenue</i>	<i>Income Fund</i>	<i>Total</i>
1955-57 Appropriations.....	\$77 163 500 ¹	\$ 9 955 000	\$ 87 118 500
Proposed Increase			
a. To replace student fees for housing program.....	628 250	-628 250
b. Additional student fees and miscellaneous income.....		1 873 250	1 873 250
c. Increase requested in general revenue appropriations.....	20 924 650 (21 552 900) (1 245 000)	20 924 650 (22 797 900)
Appropriations requested for 1957-59..	<u>\$98 716 400</u>	<u>\$11 200 000</u>	<u>\$109 916 400²</u>

The University of Illinois Building Program for the Biennium 1957-59

Abridged Report of the Building Program Committee

[The items added by the President of the University have been included in the lists of projects in this report.—Secretary's Note]

The building needs of the University for 1957-59 and succeeding biennia are critical. They are the result of a combination of several factors, namely:

¹ Includes Division of Services for Crippled Children and Police Training Institute.

² Includes \$54,633,650 for 1957-58 and \$55,282,750 for 1958-59.

- A. A backlog of needs deferred during the depression and World War II when either funds or materials for new construction were not available.
- B. The increasing age of existing buildings which forces a program of improvements and rehabilitation to maintain the state's investment in the plant, increase utilization, and improve safety.
- C. A continuing increase in enrollment during, at least, the next eighteen years, within which period the enrollment of the University will probably double.

These needs make it imperative that long-range planning services be increased, that the public and the legislature be fully informed, that construction be materially accelerated, and that appropriations be enlarged accordingly if the University is to fulfill its responsibilities.

ASSUMPTIONS

The recommendations made in this report are based on the following assumptions:

- A. That the major responsibility of the Building Program Committee is to recommend the most urgent capital needs of the University.
- B. That building plans and specifications will be prepared during 1956-57 to permit construction of the major projects recommended for completion during the 1957-59 biennium.
- C. That the construction required at Urbana-Champaign has been estimated on the basis of demand for increased enrollment without regard to the possible desirability of limiting either overall size of the University at Urbana-Champaign or of specific curriculum enrollment.
- D. That the previously reported housing program will go forward at Urbana-Champaign.
- E. That, in general, power plant and utility capacity will be included only for those facilities in the "AA" list and the housing program.
- F. That the land for site expansion at the Chicago Professional Colleges will be acquired through the Chicago Medical Center Commission.
- G. That additional steam capacity will not be needed by the Chicago Professional Colleges in the 1957-59 biennium. It is further assumed that in the event of non-University projects requiring additional steam capacity, such capacity would be financed through the Medical Center Steam Company.
- H. That a laundry building will be constructed at the Chicago Professional Colleges from funds other than state appropriations.
- I. That the G. A. Miller Meadow will be made available as a site for the Chicago Undergraduate Division.

RECOMMENDATIONS

The University Building Program Committee submits herewith its recommendations for the 1957-59 biennium. The projects recommended, including preliminary estimates of costs, are as follows:

I. Land and Planning

A. Site for the Chicago Undergraduate Division.....	\$ 1 250 000
B. Building and site plans, Chicago Undergraduate Division....	750 000
C. Land:	
1. Urbana-Champaign:	
a. Housing.....	1 000 000
b. Academic expansion.....	500 000
2. Chicago Professional Colleges ¹	
D. Campus planning and building studies:	
1. Urbana-Champaign.....	375 000
2. Chicago Professional Colleges.....	150 000
3. Plans and specifications for Agronomy Unit of Plant Sciences Building, Urbana-Champaign.....	200 000
	(4 225 000)

¹ The land for the Chicago Professional Colleges will be acquired through the Chicago Medical Center Commission.

II. Protection of Life and Property and Public Improvements — Urbana-Champaign

A. Green Street (Wright Street to Mathews Avenue) safety improvement.....	150 000
B. Armory roof replacement.....	296 000
C. Stock Pavilion repairs.....	275 000
D. Public improvements (the University's proportionate share):	
1. Urbana-Champaign Sanitary District.....	233 000
2. Green Street (east of Mathews Avenue).....	77 000
	(1 031 000)

III. "AA" Building Projects Most Urgently Needed

A. Biology Building equipment and utilities, Urbana-Champaign	665 000
B. Library addition, Urbana-Champaign.....	2 175 000
C. Art and Architecture Building, Urbana-Champaign.....	2 640 000
D. Hospital and other remodeling and minor additions, Chicago Professional Colleges.....	3 840 000
E. Research Laboratory, Chicago Professional Colleges.....	1 925 000
F. Remodeling, rehabilitation, and minor additions, Urbana-Champaign.....	1 000 000
G. Physics Building, Urbana-Champaign.....	5 425 000
H. Commerce Building, Urbana-Champaign.....	2 610 000
I. Education Building, Urbana-Champaign.....	2 640 000
J. Physical Plant Service Building, Urbana-Champaign.....	1 275 000
K. Power Plant and Utility Distribution System for recommended buildings in Urbana-Champaign:	
1. Power Plant addition.....	1 985 000
2. Utility Distribution System.....	3 238 000
L. Matching funds for federal grants for science and research facilities, Urbana-Champaign and Chicago.....	1 000 000
	(30 418 000)
Total Program.....	\$35 674 000

The above recommendations are only the most urgently needed projects to meet the immediate requirements. Other needed projects are indicated under the following categories in the Appendix: "A" Projects Urgently Needed and Projects Considered Highly Desirable if Financed to a Substantial Degree without State Aid.

(The Building Program Committee's report includes a category of "Projects Considered Deferrable for 1957-59 Biennium" which, however, is not included in the Appendix. — Secretary's Note.)

PLANNING POLICIES

The University Building Program Committee has considered both immediate and long-range problems in formulating the 1957-59 program, and has developed the following general policies:

- A. To Anticipate the Result of Enrollment Trends.
 1. Further enrollment studies by the Bureau of Institutional Research indicate that the 23,000 level for Urbana-Champaign by 1963 was much too conservative. Latest estimates place this figure at 26,500.
 2. While upward enrollment trends can be seen among the various departments, they are much more rapid in some departments of the University than in others. The most striking growth is in the College of Engineering where undergraduate enrollment increased 85 per cent between 1951 and 1955; during which period the undergraduate enrollment in the rest of the University increased 16 per cent.
- B. To Build for Enrollment.
 1. The main, but not the only objective in constructing space in the 1957-59 biennium is to permit the University to continue taking only its proportionate share of the increasing college enrollment.

2. Due consideration, however, must also be given to:
 - a. The need for the University to grow in its overall objectives of education, research, and extension, which requires the support of new and expanding programs.
 - b. Preserving the state's investment in buildings through a long-range safety and modernization program.
 - c. The need to balance auxiliary services with the University's capacity for instruction and housing. This means that with continued growth facilities such as administrative offices, physical plant functions, student services, etc. will also have to be increased.
- C. To Improve Use of Present Space.
 1. By studying the use made of present space on all campuses, the Committee is making every effort to obtain optimum efficiency in the use of existing facilities. This should include initiating a program of air conditioning certain facilities in order to:
 - a. Increase the efficiency of working personnel during the summer, and
 - b. Attract additional summer session enrollments, thereby increasing the overall usefulness of the University's capacity throughout the year.
 2. In determining the relative crowding in various areas, the Committee found the amount of building space devoted directly to instruction is frequently overestimated.
 - a. For example, at Urbana-Champaign, out of the total space (excluding housing), the classrooms, seminars, lecture rooms, and laboratories represent approximately 50 per cent of the total area. Thus, the space for accommodating increased enrollment is only 50 per cent of the total University area.
 - b. In general, the heaviest use of existing space is at the Chicago Undergraduate Division, where only freshman and sophomore work is offered, with Urbana-Champaign at a somewhat lower level because of its large enrollment in professional and graduate programs.
- D. To Postpone Replacement of the Temporary Academic Facilities in Urbana-Champaign During 1957-59.
 1. The use of space in temporary facilities, not only for housing, but for academic and general University purposes as well, has resulted from a continued land-acquisition program and subsequent remodeling of the houses thereon for University occupancy.
 - a. This space now being used is equivalent to that of three buildings approximately the size of Gregory or Mumford Halls.
 - b. The land this space occupies is reserved for future expansion.
 2. Replacement of these temporary facilities should be planned in order to eliminate substandard facilities, to reduce relatively high operating costs, and to free the land for future expansion. Such replacements, however, probably must be deferred beyond 1963 because of the urgent need to utilize all available facilities to accommodate the increases in enrollment.
- E. To Maintain Adequate Housing in Urbana-Champaign.
 1. There is greater flexibility in enrollment capacity than in housing; so the key to enrollment expansion at Urbana-Champaign is the construction of additional housing facilities.
 2. The University must assume the responsibility of providing adequate housing and food-service facilities for practically all future enrollment increases.
- F. To Recognize the Vital Need for Early Planning.
 1. In developing the program through 1963, more emphasis should be given in the future to land acquisition.
 - a. In general, land must be acquired in the biennium prior to that in which construction is to be started. (For example, land for a housing program should be acquired in the 1957-59 biennium for construction in the 1959-61 biennium.)
 - b. In addition, other land must be acquired for long-range expansion, which could be available in the interim either for temporary general use or for parking.

2. In developing the program through 1963, a higher priority should be assigned to building studies.
 - a. The University should recognize the value of allowing adequate time for a thorough study and analysis of departmental requests for space, and for a preparation of building studies and designs.
 - b. The University must also recognize the physical impossibility of preparing plans and specifications, taking bids, and completing construction within a biennium.
 - c. Therefore, funds should be obtained for building studies and, whenever possible, for plans and specifications in the biennium prior to that in which construction is to be started.
 - (1) This would eliminate the need for reappropriating funds, and
 - (2) This would allow more effective planning and designing of future University buildings.

APPROPRIATION REQUIREMENTS

- A. Preliminary estimates of the rate of building construction and of the appropriations required for the University to take its proportionate share of the increasing college enrollments through 1963—even if usage of classrooms and laboratories at Urbana-Champaign might be materially increased—show that the building requirements at Urbana-Champaign, the remodeling needed at the Chicago Professional Colleges, the acquisition of a site and initiating a permanent Chicago Undergraduate Division will necessitate appropriations more than three times as large as have been available during each of the last three biennia.
- B. The program for providing permanent facilities for the Chicago Undergraduate Division will require increasingly large appropriations during the the 1959-61 and 1961-63 biennia if occupancy is to be realized by 1963.
 1. During the interim, nearly all enrollment increases will have to be absorbed at Urbana-Champaign;
 2. During the 1957-59 biennium, therefore, the maximum amount of capital appropriations for building construction and improvements should be allocated to Urbana-Champaign.

APPENDIX

"A" Projects Urgently Needed

The list of projects which follows was developed as a result of reviewing the total requests and as an aid to future planning:

- A. Library, Urbana-Champaign, second addition
- B. Administration Building addition
- C. Additional remodeling and minor additions
- D. Plant Sciences Building, first unit for Agronomy
- E. Central Receiving Station, Urbana-Champaign
- F. Physical Plant Service Building, Chicago Professional Colleges
- G. Fire protection and building repairs
- H. Agricultural Library
- I. Additional public street improvements
- J. Electrical Engineering Building addition
- K. Plant Sciences Building—Plant Pathology
- L. East Dentistry-Medicine-Pharmacy Building completion

Projects Considered Highly Desirable if Financed to a Substantial Degree without State Aid

A Student Services Building

Besides being valuable as a center for the various student services (such as offices of the dean of students, student organizational offices, the coordinating placement office, student counseling facilities, and the like), such a building would release much badly needed space in many cramped areas on campus, particularly in the Administration Building. Some universities have financed

this project in part from funds other than state appropriations, and it may be feasible to do this at the University of Illinois.

Auditorium-Gymnasium

A large Field House-Auditorium, multipurpose building, capable of accommodating 15,000 to 20,000 persons for Commencement, Farm and Home Week, athletic and like events, and 5,000 to 8,500 for musical and other entertainment events, would be a practical way of satisfying a twofold University need. Moreover, the entire state could make very good use of a building this size, especially the down-state communities.

A Digital Computer Laboratory

The University has accepted a grant to be used on preliminary design studies for a new, very fast, and very versatile computing machine. The new machine would furnish service to the entire University and would be of great importance to research and education—particularly in engineering, applied mathematics, the social sciences, and commerce.

Support for the construction of such a machine is anticipated from governmental, industrial, or other agencies.

A new building of approximately 40,000 square feet of net floor area is needed to house the computing facilities and data processing machines.

A University Art Gallery

The University, which conducts one of the largest and most active art schools in the country, owns an important and comprehensive collection of works of art, but has no museum or gallery in which to display it. Many private and state universities have recognized the importance to the students and the community of furnishing space for displaying art works. Some schools have separate buildings which have been financed by alumni and special gifts.

Remodeling for the Physical Environment Unit—Urbana-Champaign

The Physical Environment Unit is of great importance in several fields of research and education. It supplements, but does not duplicate, the environmental facilities of the Animal Science Department and those planned for the Physiology Department in the new Biology Building. Staff members of the Unit are using the facilities for research and instruction; and the following University departments and divisions have used, or are now using, its services: Animal Science, Electrical Engineering, Geography, Home Economics, Institute of Aviation, Mechanical Engineering, Medicine, Physical Education for Men, Physiology, Psychology, Speech, and the State Natural History Survey.

If the space adjacent to the present laboratory can be remodeled, further funds to support experiments and research can be anticipated from governmental, industrial, or other agencies.

A Nuclear Engineering Building

For the past five years, plans have been in progress for a nuclear engineering program in the College of Engineering. This new and dynamic program will become formalized in the 1957-59 biennium, based on preliminary courses now being offered.

If the University would construct a building to house nuclear engineering and measurements laboratories and office facilities, the Atomic Energy Commission probably would provide the atomic fuel, laboratory equipment, and materials to a maximum value of \$350,000.

An Industrial Education Building

Since 1917, the University of Illinois has been the only institution approved by the Illinois State Board for Vocational Education for the preparation of vocational-industrial instructors. The College of Education's Division of Industrial Education is not a self-contained unit; it not only exploits the resources of the University, but it also makes extensive use of the facilities of industrial establishments of the state in the operation of a cooperative program for the preparation of industrial education personnel. There is a heavy demand for graduates of this Division. Moreover, a new undergraduate curriculum was inaugurated during the 1955-56 academic year to prepare personnel specifically for assignments in training departments in industry.

A private foundation interested in this development has been requested to grant funds to cover the cost of the proposed building.

SITE FOR CHICAGO UNDERGRADUATE DIVISION

(2) Mr. Johnston, Chairman of the Committee on General Policy which, with the President of the Board, has been operating as a special committee¹ on matters relating to the development of the Chicago Undergraduate Division, brought up for consideration the matter of a site. He reviewed the considerations which led his Committee to recommend the selection of the George A. Miller Meadow in the Forest Preserve District of Cook County as a permanent site for the Chicago Undergraduate Division. The Board of Trustees approved that recommendation on June 27, 1956. Subsequently the Secretary of the Board, on instructions from the Chairman of the Committee on General Policy, wrote to the President of the Forest Preserve Commissioners of Cook County notifying him that the Board of Trustees desires to acquire the George A. Miller Meadow as a permanent site for the University's Chicago Undergraduate Division. On September 19, 1956, the Secretary of the Board of Forest Preserve Commissioners wrote the Secretary of the Board of Trustees as follows:

"Please be advised that on the 5th day of September, 1956, at a regular meeting of the Board of Forest Preserve Commissioners of the County of Cook the Board voted to concur in the recommendation of its Advisory Committee that the proposal of the University of Illinois for the acquisition of three hundred acres of the George A. Miller Meadow be refused."

The Secretary of the Board of Trustees acknowledged this letter stating that it would be brought to the attention of the Board at its next meeting on October 22. Copies of this correspondence have been sent to all of the trustees.

Mr. Johnston recommended that the Board of Trustees request a conference with representatives of the Board of Forest Preserve Commissioners for further consideration of this matter and the alternatives. President Henry pointed out that the University desires to acquire this land through purchase so that the Forest Preserve District will have funds to acquire another area or areas of land suitable for inclusion in the Forest Preserve District and that the University's program in no way contemplates reducing the amount of land in the Forest Preserve.

Following discussion of Mr. Johnston's recommendation, Mrs. Watkins moved that the Committee be authorized to carry on further negotiations with the Board of Forest Preserve Commissioners.

Mr. Herrick moved as an amendment (an addition) to this motion that in case the Committee is unable to reach a site solution in its negotiations with the Commissioners, it be authorized to take such further steps as it deems necessary.

Mr. Bissell moved as a further amendment (an addition) to this motion that the Committee be authorized to purchase the George A. Miller Meadow.

These amendments were adopted and the motion as thus amended was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

The Secretary of the Board was instructed to request a conference between representatives of the Board of Forest Preserve Commissioners and the Special Committee of the Board.

¹ The original Committee appointed by the President of the Board on May 22, 1953, included Messrs. Wayne A. Johnston, Chairman, Cushman B. Bissell, Robert Z. Hickman, Park Livingston, Herbert B. Megran, and Vernon L. Nickell. Recently the functions of this Committee have been taken over by the Committee on General Policy (Messrs. Johnston, Chairman, Bissell, and Livingston), with President Megran of the Board added for this purpose. — Secretary's Note.

**INSTITUTION FOR TUBERCULOSIS RESEARCH BIENNIAL
OPERATING BUDGET FOR 1957-59**

(3) The Institution for Tuberculosis Research was created by the General Assembly for the "production, distribution, and application of the bacillus Calmett-Guerin (BCG), and other methods and materials for the prevention of tuberculosis and for conducting research in tuberculosis." The responsibility for the professional operation and all other management and control of the Institution is vested in the University.

The Director of the Institution and the Vice-President in charge of the Chicago Professional Colleges recommend a budget for 1957-59 amounting to \$60,140 for each year, or \$120,280 for the biennium. This is an increase of \$17,800 for the biennium over the present appropriation.

The increase is requested for the following purposes:

Salary adjustments in accordance with the policy adopted by the

University	\$13 000
Reduction in Retirement System contributions.....	— 200
To increase effectiveness of existing programs (expansion of research activities).....	<u>5 000</u>

Biennial Increase Proposed.....\$17 800

I recommend that this budget be approved for filing with the Department of Finance and presentation to the Illinois Budgetary Commission.

On motion of Mr. Livingston, this recommendation was approved by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megrn, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(4) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State From Which They Obtained Certificates</i>
MARVIN M. BANDOLIK	Evanston, Illinois	District of Columbia
LEON IRWIN FOLB	Park Forest, Illinois	Nebraska
RICHARD GORDON GIBSON	Wausau, Wisconsin	Wisconsin
PETER JOSEPH GILLIGAN	Minneapolis, Minnesota	Minnesota
GENE FREDERICK KRATSCHEMER	East Alton, Illinois	Missouri
JAMES ROBERT MACNAUGHTON	Des Moines, Iowa	Wisconsin
ROBERT GRANT NICHOLS	Chicago, Illinois	Michigan
LOUIS ROBERT F. PREYSZ, JR.	Evanston, Illinois	West Virginia
RALPH BARNETT ROBERTS	South Pasadena, California	California
EDWARD JOHN RUDNICKI	Rockford, Illinois	Wisconsin
GERALD ELROY STANTON	Park Ridge, Illinois	District of Columbia

I concur.

On motion of Mr. Williamson, these certificates were awarded.

APPOINTMENTS TO THE FACULTY

(5) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. SJOERD L. BONTING, Assistant Professor of Biological Chemistry, in the College of Medicine, beginning September 1, 1956, without salary (DY).
2. MERWIN R. CHAPPEL, Assistant to the Director of the Health Service, Medical Adviser, and Associate Professor of Hygiene, beginning October 1, 1956, at an annual salary of \$10,000 (AY; DY).

3. REID O. ENGELMANN, Clinical Assistant Professor of Surgery, in the College of Medicine, without salary, and Assistant Professor of Oral and Maxillofacial Surgery and Director of Hospital Oral Surgery, in the College of Dentistry, beginning September 10, 1956, at an annual salary of \$6,400 (DY80).
4. KAROL J. KOCIMSKI, Visiting Professor of Architecture, beginning October 15, 1956, at an annual salary of \$7,800 (D).
5. RICHARD C. KOHLER, Assistant Professor of General Engineering, Chicago Undergraduate Division, beginning September 1, 1956, at an annual salary of \$5,600 (B).
6. EARL L. LASLEY, Associate Professor of Animal Science, in the College of Agriculture and in the Agricultural Experiment Station, beginning November 1, 1956, at an annual salary of \$8,200 (AY).
7. EUGENE C. PAIGE, JR., Assistant Professor of Mathematics, beginning September 1, 1956, at an annual salary of \$5,400 (D).
8. SEYMOUR L. POLLACK, Clinical Assistant Professor of Neurology, in the Department of Neurology and Neurological Surgery, beginning September 15, 1956, without salary (DY).
9. CLIFTON C. RHEAD, Clinical Assistant Professor of Psychiatry, beginning September 1, 1956, without salary (DY).

Appointments to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to a supervisory position of upper level responsibility.

1. MELVIN P. SALAVITCH, Assistant Tabulating Machine Supervisor, Chicago Business Office, beginning August 21, 1956, at an annual salary of \$5,100.
2. MRS. MARGUERITE M. SPIZZIRRI, Food Service Supervisor, Research and Educational Hospitals, beginning August 27, 1956, at an annual salary of \$3,720.

On motion of Mr. Herrick, these appointments were confirmed.

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS ADVISORY COMMITTEE

(6) The Director of the Institute of Labor and Industrial Relations recommends the following appointments to the Institute's Advisory Committee for a term of three years beginning September 1, 1956:

Management

JOHN HUNDLEY, Director, Industrial Relations and Personnel, Granite City Steel Company, Granite City, Illinois.

HERMAN SEINWERTH, Director, Industrial Relations, Swift and Company, Chicago, Illinois.

WILLIAM MILLER, Vice-President, Stewart-Warner Corporation, Chicago, Illinois.

These appointments replace Messrs. Robert Ryan, Manager-Manufacturing, Hot Point Company, Chicago Heights, and E. G. Kasch, General Personnel Manager, Kraft Foods Company, Chicago, whose terms have expired, and Donald H. Tilson, formerly Works Manager of the Aluminum Company of America, in East St. Louis, who resigned when he moved out of the state.

Labor

RAY PASNICK, Publicity and Education Representative, United Steelworkers of America, Chicago, Illinois.

PETER HOBAN, President, Milk Wagon Drivers Union, Local No. 753, Chicago, Illinois.

These appointments replace Messrs. Stephen M. Bailey, Business Manager, Chicago Journeymen Plumbers, AF of L, Chicago, and Lloyd McBride, Representative, United Steelworkers of America, CIO, Granite City, whose terms have expired.

Public

PETER KELLIHER, Labor-Management Arbitrator, 77 West Washington Street, Chicago, Illinois.

SAMUEL C. BERNSTEIN, Commissioner, Division of Unemployment Compensation, State of Illinois, Chicago, Illinois.

HAL O. HALL, Superintendent, Belleville High School and Junior College, Belleville, Illinois.

These appointments replace Chief Justice Walter V. Schaeffer, Illinois Supreme Court, Springfield, and Mr. Otto Steffey, President, Illinois Agricultural Association, Chicago, whose terms have expired, and Mr. Harold G. Baker, deceased.

I concur.

On motion of Mr. Swain, these appointments were approved.

APPROPRIATIONS BY THE ATHLETIC ASSOCIATION

(7) The Board of Directors of the Athletic Association has made the following assignments from its surplus funds:

To the Alumni Association for services to the Athletic Association during the year 1955-56.....\$ 3 000
 To the University Bands for travel expenses to Ann Arbor, Michigan, on November 9-10 for the Michigan-Illinois football game..... 9 700
 These appropriations are submitted for approval.

On motion of Mr. Bissell, the action of the Board of Directors was confirmed.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(8) The Committee on Nonrecurring Appropriations recommends assignments of funds from the General Reserve Fund as follows:

1. College of Agriculture, remodeling and equipment in Davenport Hall.....	\$ 4 000
2. Armed Forces, purchase of a mimeograph machine.....	1 117
3. Department of Botany, purchase of equipment.....	1 535
4. College of Commerce and Business Administration, purchase of equipment needed in a project financed by the Ford Foundation..	2 075
5. Department of Dairy Science, remodeling and equipment to convert a room in the Animal Sciences Laboratory into a preparation room for large cultures of bacteria.....	2 150
6. Department of Dairy Science, remodeling and equipment to convert a room in the Animal Sciences Laboratory into a laboratory for the study of metabolic production of protein by the mammary gland of the bovine.....	8 500
7. College of Fine and Applied Arts, for the Festival of Contemporary Arts.....	7 500
8. School of Music, for the Opera Workshop.....	3 550
9. School of Music, purchase of practice instruments.....	7 500
10. Physical Plant Department, to provide more adequate lighting in new office space in Civil Engineering Hall.....	3 290
11. Physical Plant Department, for a transformer vault in the Administration Building.....	32 500
12. Physical Plant Department, for University's share of the cost of improvements of Lincoln Avenue and Nevada Street.....	19 388 51
13. Physical Plant Department, removal of diseased trees, tree replanting, and spraying of trees.....	48 000
14. Physical Plant Department, remodeling in Lincoln Hall and the English Building.....	6 975
15. Physical Plant Department, interior painting in areas at the Chicago Professional Colleges and at Urbana-Champaign.....	30 000
16. Department of Plant Pathology, replacement of chemical hood with connecting utilities in Horticulture Field Laboratory.....	2 000
17. Department of Veterinary Physiology and Pharmacology, construction of facilities needed for research under a contract with the United States Army.....	3 000
Total.....	\$183 080 51

I concur.

On motion of Mr. Johnston, these appropriations were made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. John-

ston, Mr. Livingston, Mr. Megran, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

**CHANGES IN CONTRACTS AND ADDITIONAL APPROPRIATION
FOR ALTGELD HALL REMODELING**

(9) The Committee on Nonrecurring Appropriations recommends an additional appropriation of \$5,300 for further remodeling of space on the second floor of Altgeld Hall for use by the Mathematics Department.

I concur and recommend that the Comptroller be authorized to execute a change order increasing by \$2,681.02 the contract with Schroeder and Sons, for plumbing and heating work and minor changes in other existing contracts for the remodeling of Altgeld Hall.

On motion of Mr. Williamson, an appropriation of \$5,300 was made from the General Reserve Fund for this purpose, and the Comptroller was authorized to execute changes in the contracts for this remodeling, as recommended. This action was taken by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

CONTRACTS FOR CONSTRUCTION OF BIOLOGY BUILDING

(10) When contracts for the construction of the Biology Building were awarded, action on the contracts for the elevator and dumb-waiter installations was deferred, pending negotiations with the lowest bidders to determine whether they would execute contracts subject to availability of funds.

The Hollister-Whitney Company, Quincy, Illinois, lowest bidder on the elevators (\$58,725), is not willing to execute a contract on this basis. The firm of Gallaher and Speck, Inc., Chicago, lowest bidder on the dumb-waiter installations, is willing to extend the time of the contract, but at an increase in price from \$4,200 to \$4,587. The Long Elevator and Machine Company of Springfield, Illinois, the second lowest bidder, submitted a bid of \$63,893 on both the elevator and dumb-waiter installations. This firm is willing to execute a contract, subject to availability of funds after July, 1957, and before August 1, 1957, provided that it will be reimbursed for the actual cost of preparing shop drawings needed by other contractors and for incidental expenses not to exceed \$1,960 in the event funds are not available to proceed with the elevator and dumb-waiter installations.

The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract to the Long Elevator and Machine Company on this basis. I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute such a contract.

On motion of Mr. Swain, the contract for the elevator and dumb-waiter installations in the Biology Building was awarded, as recommended; all other bids on these installations were rejected; and the Comptroller and Secretary of the Board were authorized to execute the contract so awarded. This action was taken by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

**CONTRACT FOR REMODELING IN THE RESEARCH AND
EDUCATIONAL HOSPITALS FOR THE DEPARTMENT
OF OBSTETRICS AND GYNECOLOGY**

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$128,892 to Russell Mansfield, Chicago, Illinois, the lowest bidder, for remodeling in the Research and Educational Hospitals for the Department of Obstetrics and Gynecology.

The work will consist of remodeling an area on the first floor for use by the Department as a clinic, and will include construction of a floor in the waiting area now two stories high, rearrangement of partitions, lighting improvements, and

installation of pneumatic tube station, hospital equipment, and air conditioning. This is a part of the general remodeling program in the Research and Educational Hospitals approved by the Board.

Funds are available in the state appropriation for "Rehabilitation and Minor Additions to Existing Buildings."

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

On motion of Mrs. Watkins, this contract was awarded, and the Comptroller and Secretary of the Board were authorized to execute the same. This action was taken by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

ADDITION TO CONTRACTS FOR REMODELING DAVENPORT HALL

(12) On September 18, the Board of Trustees approved the award of contracts for remodeling Davenport Hall. Alternate bids provided for air conditioning the remodeled area, but the contracts were awarded without this alternate, pending a decision from the Department of Geography, which will use the space, as to whether the available funds could be more advantageously used for air conditioning or for additional equipment. Since the staff members will construct and use maps in this space, air conditioning is highly desirable for effective work during the summer.

Funds are available in the state appropriations to the University for 1955-57 for buildings and other permanent improvements, subject to release by the Governor.

The Director of the Physical Plant and the Vice-President and Comptroller recommend the following additions to the contracts to provide for air conditioning: General — E. N. DeAtley, Champaign.....\$1 000
Plumbing and heating — Reliable Plumbing and Heating Company,

Champaign..... 900
Ventilating and air conditioning — Schroeder and Sons, Champaign.....10 840
Electrical work — Neal Morton doing business as Neal Morton Electric,

Champaign..... 2 097

I concur and recommend that the Comptroller be authorized to execute the contract change orders.

On motion of Mr. Williamson, this recommendation was approved, and the Comptroller was authorized to execute the necessary changes in the contract.

CONTINUATION OF CONTROL SYSTEMS LABORATORY

(13) The Department of Defense has requested the University to continue the operation of the Control Systems Laboratory under a renewal of the present contract for two years, or through November 30, 1958. The Department proposes to provide \$3,100,000 for these operations to cover all operating costs, both direct and indirect, of the Laboratory.

The Dean of the College of Engineering, the Chairman of the Research Board, and the Vice-President and Comptroller recommend the renewal of this contract, and I concur.

On motion of Mr. Livingston, renewal of this contract was approved, and the Comptroller and Secretary of the Board were authorized to execute the same.

SUPPLEMENTAL RESOLUTION REGARDING WOMEN'S RESIDENCE HALLS REVENUE BONDS OF 1956

(14) The Vice-President and Comptroller recommends, and I concur, that the following resolution be adopted:

WHEREAS, The Board of Trustees of the University of Illinois, at a regular meeting held on September 18, 1956, adopted a Resolution authorizing the issue

of Women's Residence Halls Revenue Bonds of 1956, of The Board of Trustees of the University of Illinois in the principal amount of \$3,100,000 for the purpose of providing funds necessary to construct, complete, and equip an addition to the Women's Residence Halls known as the Lincoln Avenue Residences in the City of Urbana, Illinois, fixing the date, maturities, form, and other details of said bonds, and making covenants and provisions for the payment of said bonds and the interest thereon; and

WHEREAS, The Board of Trustees of the University of Illinois has determined that the project can be completed at a cost of \$2,890,000;

Now, Therefore, Be It and It Is Hereby Resolved by The Board of Trustees of the University of Illinois:

That Series B bonds numbered 2891 through 3100 inclusive in the principal amount of \$210,000, of which \$85,000 will mature October 1, 1995, and \$125,000 will mature October 1, 1996, be not issued.

On motion of Mrs. Holt, the foregoing resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

PIPE LINE EASEMENT ON WRIGHT FARMS

(15) At its meeting of September 18, 1956, the Board of Trustees disapproved a request of the Great Lakes Pipe Line Company for permission to lay a pipe line across Wright Farm No. 6 in DeKalb County on the ground that the proposed compensation (\$2.00 for each rod of pipe laid, plus \$5.00 for the easement, plus payment for all damages) was not adequate and the Comptroller was instructed to ascertain whether the Company could secure a better offer.

The Company has now offered to reimburse the University in the amount of \$2.00 for each rod of pipe laid, plus \$5.00 for the easement, plus an additional payment of \$8.00 per rod to be received for additional compensation for signing of the easement. The \$8.00 per rod will be paid to the University under a separate contract between the Great Lakes Pipe Line Company and the University of Illinois.

If the Board grants this contract, it should also adopt the following resolution:

Now, Therefore, Be It Resolved by the Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of the Board of Trustees be and hereby are authorized to execute, acknowledge, and deliver in the name of and in behalf of this corporation, an instrument of conveyance in such form, and other documents in connection therewith, as to them may seem necessary or desirable in order to effectuate a conveyance to the Great Lakes Pipe Line Company, its successors or assigns, hereinafter called Grantee, of a right of easement to construct, maintain, inspect, operate, protect, repair, replace, and remove a pipe line of not more than twelve inches in diameter and appurtenances for the transportation of oil or oil products, gas, and water, and if necessary to construct, maintain, operate, repair, remove, and replace communication facilities with the right of ingress and egress at convenient points to and from said facilities or any of them for the purposes aforesaid on, over, and through the following described property viz:

The Northwest quarter (NW $\frac{1}{4}$) in Section twenty-nine (29), Township Thirty-nine North (T39N), Range Three East (R3E), of the Third Principal Meridian in the County of DeKalb and State of Illinois

and which pipe line shall extend in an eastwardly direction from a point on the west boundary of said property approximately fifteen feet north of the presently existing pipe line to a point on the east boundary of said property not more than four hundred feet north of the presently existing pipe line; for and in consideration of the payment by said Grantee of the sum of \$5.00, the sum of \$2.00 per rod for each lineal rod or fraction thereof of pipe laid on the above described premises to be paid upon the laying of the pipe and supplementary payment of \$8.00 per rod to be paid on the execution of the easement and upon the agreement by said

Grantee to pay for all damage to crops and timber and fences, buildings, drain tile, and other improvements on said premises which this corporation may sustain by reason of Grantee's exercise of aforesaid rights and which payment shall be made within a reasonable time after such damage is sustained.

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

DR. B. B. RAPPAPORT STUDENT DENTAL RESEARCH ASSISTANTSHIP

(16) Mr. Arthur Keating, 1949 North Cicero Avenue, Chicago 39, Illinois, has offered to establish "The Dr. B. B. Rappaport Student Dental Research Assistantship" in the College of Dentistry according to the following plan:

1. Assistantships shall be known as "The Dr. B. B. Rappaport Student Dental Research Assistantship" in honor of Dr. B. B. Rappaport of Homewood, Illinois.
2. The candidates shall be selected by the College of Dentistry on the basis of personal qualifications and potential for further development in the field of dental research.
3. The stipend of each assistantship shall be \$400 a year and will be paid to the recipient during the period he is doing dental research under the supervision of the College of Dentistry. Dr. Rappaport shall be notified when an award is made and the field of research in which the recipient of the award is working.

Mr. Keating also offers the University fifty shares of Ekco Products Company common stock, with a current market value of \$2,000, which may be sold and the proceeds used over a period of five years for the assistantship stipends.

The Dean of the College of Dentistry and the Vice-President in charge of the Chicago Professional Colleges recommend acceptance of these offers.

I concur, and if the Board approves, the following resolution should be adopted to authorize sale of the stock:

WHEREAS, the Board of Trustees of the University of Illinois is the owner of fifty shares of Ekco Products Company common stock, and

WHEREAS, it is the decision of said Board of Trustees to sell and dispose of this stock,

Now, Therefore, Be It Resolved that this sale be completed and that A. J. Janata, Secretary, and H. O. Farber, Comptroller, be authorized to execute all documents necessary to accomplish this.

On motion of Mrs. Watkins, this offer was accepted, and the foregoing resolution was adopted.

PURCHASES

Purchases Recommended

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

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One trailer-mounted refrigerated display case	Animal Science	Modern Trailer Co., Bondville	\$2 621 00 f.o.b. delivered
One six-channel recorder complete with amplifier pen writers and console with provision for curvilinear and rectilinear recording	Anatomy, College of Medicine	Pivan Engineering Co., Chicago	5 867 00 f.o.b. delivered
20,000 capsules of tetracycline hydrochloride, 250 milligrams	Hospital Pharmacy (Research and Educational Hospitals)	The Upjohn Co., Chicago	3 916 00 delivered
One lot laboratory equipment and supplies	General Chemical Stores	A. S. LaPine & Co., Chicago	3 489 38 f.o.b. delivered
One centrifuge, refrigerated, large capacity, high speed	Chemistry and Chemical Engineering	Ivan Sorvall Co., Inc., Norwalk, Conn.	2 505 00 f.o.b. Norwalk, Conn.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One full voltage non-reversing synchronous motor controller for 125 horsepower electric motor	Mechanical Engineering	General Electric Co., Springfield	\$ 3 732 20 f.o.b. delivered
One reduced voltage controller for 7½ horsepower electric motor to be mounted in same cabinet with above controller			
Fabrication of an aluminum vacuum chamber with Armco magnetic iron lids for the 43 ½" cyclotron	Physics	Paramount Boring & Machine Co., Oak Park, Mich.	8 400 00 f.o.b. Oak Park, Mich.
Two power supplies, rated at 270-330 volts, D.C. output at 0-10 amperes; input, 208 V., 60 cycles, 3 phase, at approximately 3.5 KVA	Engineering Research	N J E Corporation, Kenilworth, N.J.	3 160 00 f.o.b. Kenilworth, N.J.
Electronic equipment	Engineering Research	Allen B. DuMont Laboratories, Inc., Passaic, N.J.	3 365 00 f.o.b. delivered
Additional modification of electronic equipment now under construction by Philco Corporation	Engineering Research	Philco Corp., Philadelphia, Pa.	15 349 00 f.o.b. delivered
530 tablet arm chairs for classrooms in Altgeld Hall	Physical Plant, Altgeld Hall remodeling	Buckman Furniture Co., Spring Valley	6 375 00 f.o.b. Urbana
117 reams 22 ½ x 35"—49 ½ lb. English finish book paper	Office Supply Storeroom	Bradner Smith and Co., Chicago	3 395 12 f.o.b. delivered
250 reams 25" x 38"—60 lb. English finish book paper			
Examination books 150,000 sixteen-page 250,000 eight-page	Office Supply Storeroom	C. P. Lesh Paper Co., Indianapolis, Ind.	5 742 50 f.o.b. Urbana
1,000 copies each of four issues of the <i>Illinois Journal of Mathematics</i> to be printed and bound	University Press	Waverly Press, Inc., Baltimore, Md.	10 350 60 f.o.b. Baltimore, Md.

On motion of Mr. Johnston, these purchases were authorized.

Purchases Authorized

The following purchases were approved by the Provost, acting for the President, pursuant to special authorization by the Board of Trustees of International Cooperation Administration contracts:

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One analog type computer, including accessories and X-VS-Y single pen single arm plotter, for use with 220 volts, 50 cycle	India Contracts	Berkeley Division, Beckman Instruments, Inc., Richmond, Calif.	\$37 350 00 f.a.s. San Francisco, Calif.
One centerless grinder, capacity of 0 to 1 ½" diameter, complete with accessories, and power units suitable for use on 220 volt 50 cycle single phase current	India Contracts	Van Norman Machine Co., Springfield, Mass.	9 374 84 f.a.s. New York City
One oscillograph for high speed pulse applications, 7 millimicroseconds, 24 kv. accelerating potential, 220 volt, 50 cycle	India Contracts	Tektronix, Inc., Portland, Ore.	4 710 00 f.a.s. Portland, Ore.
One oscillograph television cathode-ray type, portable self-contained, 220 volt, 50 cycle			
One chromatographic analysis apparatus, complete with recorder and accessories, for use on 220 volt, 50 cycle current	India Contracts	Perkin-Elmer Corp., Norwalk, Conn.	3 350 90 c.i.f. Calcutta, India
One standard measuring machine for precision measurement, 24" capacity, English system, complete with accessories, 220 volts, 50 cycle operation	India Contracts	Pratt & Whitney Co., West Hartford, Conn.	4 680 00 f.a.s. New York City
One gas turbine engine, 60 horsepower, complete with accessories of tapping points, items desk control, for instructional uses	India Contracts	Rover Gas Turbines, Ltd., Solihull, England	5 863 78 f.o.b. English Port
42 pieces of electronic microwave equipment	India Contracts	Hewlett-Packard Co., Palo Alto, Calif.	3 910 21 f.a.s. San Francisco, Calif.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Twelve pieces electronic microwave equipment	India Contracts	Andrew S. Szucs, Inc., New York, N.Y.	\$10 171 25 f.a.s. New York City
One water still, double effect, 150 gallons per hour capacity, steam heat, 230 volt, 50 cycle controls	India Contracts	Aetna Scientific Co., Everett, Mass.	8 103 00 f.a.s. New York City
One bath salt, electrode type 10 kw. One bath salt, electrode type 40 kw.	India Contracts	The Bellis Co., Branford, Conn.	5 671 00 f.a.s. New York City

On motion of Mr. Johnston, these purchases were approved.

COMPTROLLER'S REPORT OF CONTRACTS

(18) The Comptroller's report of contracts executed during the period September 1 to September 30, 1956.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Battle Creek Equipment Co.	Changes induced in various physical fitness measures by various programs of exercise performed on exercisers for conditioning purposes	\$ 1 200 00	September 1, 1956
The Food and Agriculture Organization of the United Nations	Prepare a manuscript in English entitled "Evaluation of a Community Development Project," the text based on data collected by the Rural Welfare Research Institute of the International Christian University, Tokyo, Japan	600 00	February 20, 1956
Phillips Petroleum Co.	Nitrogen composition-population-per cent yield response surface of corn	2 500 00	July 1, 1956
The Reinforced Concrete Research Council	Multiple panel reinforced concrete floor slabs	20 000 00	September 1, 1956
United States Army DA 49-170-SC-2066	Instruction of civilian personnel of the National Security Agency	Rates per contract	August 7, 1956
United States Industrial Chemicals Co., Division of National Distillers Products Corp.	Soil chemistry and plant nutrition	9 000 00	September 1, 1956
United States International Cooperation Administration ICA-W-86	Training of personnel in connection with food and agriculture technical assistance programs	Rates per contract	January 25, 1956
United States Public Health Service SAPH 67815	Poliomyelitis virus tests for the period July 1, 1956, through June 30, 1957	12 000 00	July 1, 1956
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
The American Federation of Arts	Exhibit "Theatre Designs of Donald Oenslager" at Chicago Undergraduate Division	\$ 110 00	October 2, 1957
R. A. Bland Electric Co.	Electrical work, Arbor Suites	1 820 00	August 23, 1956
Illinois Power Co.	Electric service for operation of radio transmitter at Robert Al- lerton Park, Monticello, Illinois	Rates per contract	June 22, 1956

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Audio-Master Corp.	Rental of records	\$ 600 00	July 1, 1956
John Deere Plow Co.	Farm equipment for use by College of Agriculture	132 30	September 1, 1956
Walt Disney Productions	Rental of films	2 350 00	July 1, 1956

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Dehydrators Association	Unidentified growth factors in alfalfa	\$ 2 500 00	August 13, 1956
Commonwealth Edison Co.	Criteria for the cathodic protection of lead surfaces in soils and solutions identified as ERC 130	7 700 00	September 1, 1956
Institute of Boiler and Radiator Manufacturers	Steam and hot water heating systems and related equipment	24 500 00	August 27, 1956
Kretschmer Wheat Germ Corp.	Wheat germ in physical performance tests	2 500 00	August 6, 1956
Northern Illinois Gas Co.	Criteria for cathodic protection of ferrous surfaces and hydrogen embrittlement identified as GRP 3	7 700 00	September 1, 1956
Chas. Pfizer and Co., Inc.	Role of antibiotics in chick nutrition and studies on unidentified growth factors	1 200 00	July 23, 1956
A. E. Staley Manufacturing Co.	Amino acids and vitamin requirements in swine nutrition	1 200 00	October 1, 1956
United States Air Force AF 33(038)-18823 (General Electric Co. prime contractor—University of Illinois subcontractor)	Fatigue strength of titanium	2 900 00	June 15, 1956
United States Air Force AF 33(608)-114	Instruction of Air Force personnel	3 595 00 ¹	June 4, 1956
United States Atomic Energy Commission AT(11-1)-67, Project no. 4	Radiochemistry study	25 836 00	February 1, 1956
United States Atomic Energy Commission AT(11-1)-67, Project no. 8	Biochemical processes by which microorganisms and cells engage in synthesis	8 500 00	March 1, 1956
United States Atomic Energy Commission AT(11-1)-67, Project no. 9	Structural changes in metals due to annealing after deformation	23 661 00	January 1, 1956
United States Atomic Energy Commission AT(11-1)-67, Project no. 10	Metabolic pathways concerned in the synthesis degradation of lactose in cell-free systems	2 500 00	June 20, 1956
United States Atomic Energy Commission AT(11-1)-67, Project no. 12	Metabolism of amino acids labeled with radio active carbon	1 250 00	July 1, 1956

Adjustment Made in 1953-54 Cost-Plus Contract

(Adjustment in project authorized prior to July 1, 1956)

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Consulting Engineering Service	Three items: \$110.29 deduct to \$571.71	\$ 549 28	September 21, 24, and August 24, 1956

Adjustment Made in 1955-56 Cost-Plus Contract

(Adjustment in project authorized prior to July 1, 1956)

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Thirteen items: \$225.00 deduct to \$205.00	\$ 448 02	September, 1956

Adjustment Made in 1956-57 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Harry F. Fisher (Plastering)	Twenty items: \$11.22 deduct to \$559.00	\$1 252 96	August-September, 1956

This report was received for record.

¹ Deduct.

ARCHITECTURAL SERVICES FOR THE 1957-59 BUILDING PROGRAM

(19) Architectural work on the 1957-59 building program should be started at the earliest possible date to allow time for efficient planning and insure completion of construction within the biennial period.

The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for architectural services as listed below on commissions of 6 per cent of the cost of the construction for which professional services are rendered. Such services shall include design and complete building studies, working drawings, plans and specifications, and the supervision of construction, except in the case of the Art and Architecture Building which Mr. Ambrose Richardson is designing and for which design work credit will be required of the firm employed to complete the planning, and with the exception of supervision of the remodeling in the Research and Educational Hospitals and in the Dentistry-Medicine-Pharmacy Building will be furnished by the University. If models are required, additional payments will be made on terms mutually agreed upon in advance.

The University will reserve the right to terminate contracts and any of the work covered at any time, provided that:

1. In the event of termination on or before completion of building studies, compensation will be computed on the basis of cost of work done plus 100 per cent for overhead and commission, and provided further that such costs shall not exceed the fixed amounts hereinafter specified. The "cost" shall include salaries paid to professional employees and/or partners actually working on the project. Records will be maintained by the architects on all "costs" and shall be subject to audit by the University.
2. In the event architectural work is terminated after working drawings have been authorized but before completion, the architects will be paid a fixed sum within the limits herein specified plus a further payment computed on salaries paid professional employees plus 100 per cent for the work done after completion of building studies accepted by the University.

The University will not be committed to making any payments prior to August 1, 1957, to the architects for work done under these contracts in excess of the fixed amounts stated as follows:

1. Library Addition (seventh addition), Urbana-Champaign — Graham, Anderson, Probst, and White, Chicago.....	\$ 10 000
2. Art and Architecture, Urbana-Champaign — Mittelbush and Tourtelot, Chicago (completion of building studies by Mr. Ambrose Richardson).....	20 000
3. Research and Educational Hospitals remodeling and other remodeling, including minor additions, Chicago:	
Dentistry-Medicine-Pharmacy Building — Pace Associates, Chicago...	6 000
Hospitals — Fugard, Burt, Wilkinson, and Orth, Chicago.....	25 000
4. Research Laboratory, Chicago Professional Colleges — Skidmore, Owings, and Merrill, Chicago.....	20 000
5. Physics Building, Urbana-Champaign — Shaw, Metz, and Dolio, Chicago.....	40 000
6. Laundry Building, Chicago Professional Colleges — Schmidt, Garden, and Erikson, Chicago.....	9 000
7. Family housing, Urbana-Champaign — Lundeen and Hilfinger, Bloomington.....	20 000
<i>Total</i>	<u>\$150 000</u>

Funds for the Laundry Building studies are available in the accumulated reserves from operations of the present laundry. In addition to the amounts required for the services specified above, \$10,000 is needed to cover miscellaneous costs, such as travel for inspection of similar projects elsewhere, and \$5,000 is needed to revise existing plans for the addition to the book storage wings of the Library, this being the sixth addition to the building.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute contracts, subject to the conditions stated above, and that a nonrecurring appropriation of \$156,000 be made from the General Reserve for these services.

On motion of Mr. Bissell, these contracts were awarded as recommended, and the Comptroller and Secretary of the Board were authorized to execute the same; and assignments of \$156,000 from the General Reserve Fund and \$9,000 from laundry operations reserves were made and allocated to the various contracts for purposes as specified. This action was taken by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Swain, Mrs. Watkins; no, none; absent, Mr. Nickell, Mr. Stratton; not voting, Mr. Williamson.

ARCHITECTURAL SERVICES

Mr. Livingston suggested that in the future all recommendations for the employment of architects and engineers on University building projects be submitted to the appropriate committee of the Board of Trustees for its consideration before being presented to the Board.

Although not offered as a motion, this suggestion was accepted for record, and the Secretary of the Board was requested to notify all University officers concerned. President Megran designated the Committee on Buildings and Grounds for this purpose.

CONTRACT FOR ENGINEERING SERVICES ON ABBOTT POWER PLANT ADDITION AND UTILITY DISTRIBUTION SYSTEMS

(20) Sargent and Lundy, Engineers, Chicago, designed the Abbott Power Plant and the major portion of the utility distribution systems. Their services have been highly satisfactory, and it is desirable that they be employed as engineers to design the Abbott Power Plant addition and extensions of the utility distribution systems proposed for the 1957-59 biennium according to the following terms and instructions:

Abbott Power Plant Addition. Prepare specifications, take bids, analyze bids, and submit recommendations prior to July 1, 1957, for purchase of the major items of equipment, viz., turbine, condenser, and cooling tower which will determine ultimate design of the addition. Charges for services will be based on salaries and wages paid for engineering and drafting work, plus 100 per cent thereof for commission, plus cost of clerical and stenographic services and incidental expenses incurred by Sargent and Lundy. In the event of termination of contract before completion at the request of the University, Sargent and Lundy will bill the University for services on the above basis. If funds are available and the University approves proceeding with the project, Sargent and Lundy will enter into its usual engineering service agreement with the University at the same rates as under the present agreement and credit the University with one-half of the 100 per cent overhead charges referred to above.

Utility Distribution Systems. Furnish complete engineering services as requested for extensions of the utility distribution systems, including preparation of plans and specifications, taking of bids, analyzing bids, and submitting recommendations prior to July 1, 1957, for award of contracts for the two extensions of the systems which are required for the minimum program now proposed, viz.,

- a. Extension of steam tunnel and piping from the intersection of Gregory Drive and Oak Street, south on Oak Street to Peabody Drive extended, and east on Peabody Drive to intersection with existing tunnel at Euclid Street.
- b. Construction of a new 2,000 KVA load center at or in the vicinity of the intersection of Peabody Drive and First Street; underground duct to Stadium Drive; installation of a normal feeder cable and a reserve feeder cable from the load center to Abbott Power Plant; switchgear at Abbott Power Plant; and transfer of Law Building and Stadium cables to the new load center.

Engineering services furnished prior to July 1, 1957, for the foregoing work will be charged on the same basis as specified for the Abbott Power Plant addition.

If funds are available and the University approves proceeding with extension of the utility distribution systems, Sargent and Lundy will enter into its usual engineering service agreement with the University and will credit the University with one-half of the 100 per cent overhead charge referred to above.

The University will not be committed to making any payments in excess of \$40,000 prior to July 1, 1957, when funds appropriated for the 1957-59 biennium become available.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that a contract be entered into with Sargent and Lundy on the terms specified, provided that it may be terminated by the University or scope of services reduced.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the contract and that an appropriation of \$40,000 be made from the General Reserve for these services.

On motion of Mr. Livingston, this contract was awarded, as recommended, and the Comptroller and Secretary of the Board were authorized to execute the same; and an appropriation of \$40,000 was made from the General Reserve Fund to apply on this contract. This action was taken by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megrn, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

ADDRESS BY MIODRAG MUNTYAN

At this point the President of the University presented Mr. Miodrag Muntyan, Director of the University Press, who addressed the Board discussing the work of the Press and some of its problems. An exhibit of Press publications was on display in the meeting room.

SPECIAL COMMITTEE ON CLAIMS OF CONTRACTORS FOR CONSTRUCTION OF THE RESEARCH AND EDUCATIONAL HOSPITALS ADDITION

At a meeting of the Board of Trustees on October 24, 1952, Messrs. Livingston, Hickman, Herrick, Johnston, and Megrn were appointed a special committee to consider the claims of the Patrick Warren Construction Company, and of other contractors, with respect to additional costs they alleged were incurred by them in the construction of the addition to the Research and Educational Hospitals. As reported to the Board on September 18, 1956, Crouch-Walker Company, one of the subcontractors, has instituted a suit in the Circuit Court of Cook County in which the University is one of the defendants, asking judgment to satisfy certain claims. The Board has authorized the employment of special counsel in this suit.

President Megrn announced that it is desirable to reactivate this special committee to advise the Board and the administration of the University regarding these claims and certain other issues which have been raised. He stated that he is reappointing this committee, with Mr. Livingston as Chairman, and is adding to it Messrs. Bissell and Williamson.

MEETING WITH MEDICAL CENTER COMMISSION

With the approval of the Board of Trustees, a formal request was submitted to the Medical Center Commission for the allocation of certain specified areas of land in the Medical Center District for the future development of the University's Chicago Professional Colleges. The Secretary reported that representatives of the University are invited to

meet with the Commission on Tuesday, November 13, 1956, to discuss this land allocation. The meeting will be held in the Chicago Illini Union Building at 12:30 p.m. It is desirable that as many of the Trustees as can do so participate in this meeting.

Mrs. Watkins, Chairman of the Committee on Chicago Departments, requested that members of her committee attend.

DEGREES CONFERRED

The Secretary presented for record the following list of degrees conferred at Urbana on October 15, 1956.

Summary

Degrees in the Graduate College:

Doctor of Philosophy.....	92
Doctor of Education.....	5
Doctor of the Science of Law.....	2
Master of Arts.....	19
Master of Science.....	34
Master of Architecture.....	1
Master of Music.....	3
<i>Total, Graduate College.....</i>	<i>(156)</i>

Baccalaureate Degrees:

Bachelor of Science, College of Engineering.....	3
Bachelor of Arts, College of Liberal Arts and Sciences.....	4
Bachelor of Science, College of Liberal Arts and Sciences.....	3
Bachelor of Science, College of Education.....	3
Bachelor of Science, College of Commerce and Business Administration...	4
Bachelor of Science, School of Journalism and Communications.....	2
Bachelor of Architecture, College of Fine and Applied Arts.....	2
Bachelor of Science, College of Fine and Applied Arts.....	1
Bachelor of Science, School of Physical Education.....	1
<i>Total, Baccalaureate Degrees.....</i>	<i>(23)</i>
<i>Total, Degrees Conferred.....</i>	<i>179</i>

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Agricultural Economics

WILLIAM LYLE FITZGERALD, B.S., A.M., University of Missouri, 1947, 1949
CHESTER MILLINGTON WELLS, JR., B.S., M.S., Mississippi State College, 1948, 1949

In Agronomy

LOUIS EDWARD HALEY, B.S.A., M.S., Purdue University, 1949, 1951
JOHN WILLIAM KETCHESON, B.S.A., Ontario Agricultural College, 1944; M.S., 1950

In Animal Science

GEORGE ERNEST MITCHELL, JR., B.S., M.S., University of Missouri, 1951, 1954
DONALD LAFAYETTE STAHELI, B.S., Utah State Agricultural College, 1953; M.S., 1954

In Botany

THEODORE CAYLE, A.B., A.M., Brooklyn College, 1949, 1951
ARMAR ARCHBOLD STRAUSS, B.S., Yale University, 1951; M.S., University of Rhode Island, 1953

In Business

ALY ABDEL MEGUID ALY ABDOL, B.Com., Fouad First University, 1950; M.S., 1954
JAMES ERWIN ROSENZWEIG, A.B., M.B.A., University of Washington, 1951, 1954

In Chemical Engineering

WILLIAM ERNEST WEST, JR., B.S., Iowa State College, 1948; M.S., 1953

In Chemistry

- ROBERT JAMES CRAWFORD, B.S., M.S., University of Alberta, 1952, 1954
GLENN WHERRY CULLEN, B.S., University of Cincinnati, 1953; M.S., 1954
WILLIAM CHARLES DRINKARD, JR., A.B., Huntingdon College, 1950; M.S., Alabama Polytechnic Institute, 1952
JAMES RALPH FLORIN, A.B., Blackburn College, 1953
ARTHUR HARVEY GOLDKAMP, B.S., University of Notre Dame, 1951; M.S. Loyola University, 1953
CARL LOUIS HAKE, A.B., DePauw University, 1948
ROBERT JUNIOR HARDER, B.S., Antioch College, 1951
FRED PETER HAUCK, JR., B.S., Rutgers University, 1953
THEODORE EMO HOPKINS, B.S., Purdue University, 1952
ALBERT JOHN LAUCK, B.S., 1951
RONALD RAYMOND SAUERS, B.S., Pennsylvania State University, 1953
MILTON K. SNYDER, A.B., College of Wooster, 1951; M.S., 1953
ROBERT DAVID STOLOW, B.S., Massachusetts Institute of Technology, 1953
STANLEY JULIAN STRYCKER, A.B., Goshen College, 1953
PAUL TREVOR TOMBOULIAN, A.B., Cornell University, 1953
GEORGE ABIAH WILLIAMS III, A.B., Colgate University, 1952
JOHN FRANK ZACK, JR., A.B., Hope College, 1953

In Civil Engineering

- ROBERT SCHMIDT, B.S., M.S., University of Colorado, 1951, 1953
JAMES REDDING SIMS, B.S., Rice Institute, 1941; M.S., 1950
SHAHEN YEGIAN, B.S., University of Tehran, 1948; M.S., 1952
GEORGE ALLEN YOUNG, B.S., M.S., 1942, 1950

In Dairy Science

- LOUIS JEFFERSON BOYD, B.S., M.S., University of Kentucky, 1950, 1951
MARIO ANTHONY INCHIOSA, B.S., M.S., Rutgers University, 1950, 1953

In Economics

- CHARLES ZACHARY WILSON, JR., A.B., 1952
STEPHEN THEODORE WORLAND, A.B., A.M., 1947, 1949

In Education

- LEONARD EDWIN DODSON, B.S., Ed.M., University of Oklahoma, 1946, 1948
GILBERT RUGG GREDLER, A.B., University of New Hampshire, 1948; Ed.M., Boston University, 1950
NILZA CONT CALDAS SANTOS, A.B., Ed.M., 1951, 1952

In English

- KATHARINE TRACY GILL, A.B., Randolph-Macon Woman's College, 1936; A.M., Syracuse University, 1938
ELISABETH ANN NOEL, A.B., Seton Hill College, 1948; A.M., 1954
GLENN ARTHUR SANDSTROM, A.B., A.M., State College of Washington, 1948, 1948
ARLIN KEITH SKARSTEN, A.B., A.M., University of Washington, 1949, 1951

In Entomology

- JAMES BYRON LOVELL, B.S., Pennsylvania State University, 1950; M.S., 1955
PATRICK TUNG MOON LUM, A.B., Earlham College, 1950; M.S., 1952
JOHN VINCENT OSMUN, B.S., University of Massachusetts, 1940; A.M., Amherst College, 1942

In Food Technology

- WILLIAM LEWIS BROWN, B.S., Clemson Agricultural College, 1949; M.S., North Carolina State College of Agriculture and Engineering, 1952
MAHMOUD HELMY CHAHINE, B.S., Fouad First University, 1952; M.S., 1954

In French

- VINCENT EUGENE BOWEN, A.B., University of Texas, 1948; A.M., University of Wisconsin, 1950
JOHN ANGLIN RAMSEY, A.B., Duke University, 1926; A.M., 1928

In Geography

CHARLES CORBIN YAHR, B.S., M.S., Illinois State Normal University, 1949, 1950

In German

CHARLES WESLEY HOFFMANN, A.B., Oberlin College, 1951; A.M., 1952

ELIZABETH GRUNBAUM SANDS, A.B., Rice Institute, 1950; A.M., 1952

In History

JOHN JOSEPH BEER, A.B., Earlham College, 1950; M.S., A.M., 1952, 1954

JAMES GORDON BURROW, A.B., University of Missouri, 1943; A.M., University of South Carolina, 1947

JACK DAVIS, A.B., Brooklyn College, 1952; A.M., 1953

PINCKNEY MILLER MAYFIELD, B.S., Southeast Missouri State College, 1947; A.M., 1949

HOWARD LEE SCAMEHORN, A.B., Western Michigan College of Education, 1949; A.M., 1952

WAYNE CALHOUN TEMPLE, A.B., A.M., 1949, 1951

In Mass Communications

DAVID KENNETH BERLO, A.B., 1953

In Mathematics

LILY HANNAH SESHU, B.S., M.S., University of Travancore, 1944, 1946; M.S., 1953

In Mechanical Engineering

MORRIS ELSMERE CHILDS, B.S., Murray State School of Agriculture, 1944; M.S., 1947

WHEELER KAY MUELLER, JR., B.S., Iowa State College, 1945; M.S., 1952

In Metallurgical Engineering

EARL JOSEPH ECKEL, B.S., Michigan College of Mining and Technology, 1937; M.S., 1945

In Philosophy

GEORGE WILLIAM LINDEN, A.B., University of Missouri, 1951; A.M., 1953

In Physico-Chemical Biology

SEYMOUR STEVEN BRODY, B.S., City College of New York, 1951; M.S., New York University, 1953

In Physics

ALLAN CLARENCE JUVELAND, A.B., Saint Olaf College, 1951; M.S., 1953

MURRAY DONALD SIRKIS, B.S., Massachusetts Institute of Technology, 1951; M.S., 1952

In Physiology

JAMES FRANCIS BRENNAN, B.S., M.S., 1950, 1952

In Political Science

RONDAL GENE DOWNING, A.B., Southwest Missouri State Teachers College, 1952; A.M., 1953

In Psychology

JOHN LIONEL FALK, A.B., A.M., McGill University, 1950, 1952

MARILYN CAIRNS LEE, A.B., Cornell University, 1949; A.M., University of Minnesota, 1951

DONALD JAMES MASON, A.B., University of Colorado, 1951; M.S., State College of Washington, 1952

JAMES ROBERT SKEEN, A.B., A.M., 1948, 1952

DONALD WYMAN STILSON, B.S., M.S., Utah State Agricultural College, 1951, 1952

PETER VYTAUTAS VYGANTAS, A.B., Brooklyn College, 1951; A.M., Fordham University, 1952

In Sociology

JOHN CLARENCE POCK, A.B., University of Chicago, 1947; A.B., Roosevelt College, 1949

JOHN SAMUEL TAYLOR, A.B., Illinois Wesleyan University, 1939; A.M., 1941

In Speech

JAMES HUBERT CLAY, A.B., Indiana State Teachers College, 1948; A.M., 1951

KENNETH GORDON CRIDER, A.B., University of Denver, 1950; A.M., 1952

SALLY MILLER GEARHART, A.B., Sweet Briar College, 1952; A.M., Bowling Green State University, 1953

BEN GRAF HENNEKE, A.B., University of Tulsa, 1935; A.M., State University of Iowa, 1941

MILDRED LANGFORD HOWARD, A.B., A.M., University of North Carolina, 1936, 1950

ROBERT DELMAR KULLY, A.B., Hastings College, 1950; A.M., University of Oregon, 1954

WILFORD LEACH, A.B., College of William and Mary, 1949; A.M., 1954

JACK MILLS, A.B., A.M., University of Florida, 1946, 1948

ROBERT FRANCIS NAGEL, A.B., M.S., 1947, 1954

ROGER ELLIS NEBERGALL, A.B., Augustana College, 1949; A.M., Bradley University, 1951

In Theoretical and Applied Mechanics

HARVEY REED FRASER, B.S., United States Military Academy, 1939; M.S., California Institute of Technology, 1948

In Zoology

GEORGE GAROIAN, A.B., Washington University, 1949; M.S., 1951

SIDNEY KANTOR, A.B., A.M., George Washington University, 1947, 1949

JAMES CARL LIST, B.S., M.S., University of Notre Dame, 1948, 1949

Degree of Doctor of Education*In Education*

MARGARET KNOTTS BARKLEY, B.S., Millikin University, 1949; M.S., 1951

ZOLO GEORGE BARNETT, B.S., A.M., Ed.M., 1947, 1948, 1950

ELEANORE ELIZABETH LARSON, B.Ed., Northern Illinois State College, 1941; A.M., Northwestern University, 1946

EVELYN MILDRED LUECKING, A.B., Harris Teachers College, 1943; A.M., Ohio State University, 1947; Ed.M., 1949

In Music Education

RICHARD ALBERT WORTHINGTON, B.Mus., M.Mus., University of Michigan, 1942, 1948

Degree of Doctor of the Science of Law

SUNIL KANTI GHOSH, A.B., Patna College, 1937; B.Law, Ravenshaw College, 1939; LL.M., 1953

SARAH ESTHER TORRES-PERALTA, B.Sec.Sc., LL.B., University of Puerto Rico, 1946, 1949; LL.M., 1955

Degree of Master of Arts*In Art History*

JAMES HUGUS SLAYMAN, A.B., 1955

In Economics

NAOKI KATSUYAMA, B.Econ., Tohoku University, 1953

In Education

NANCY CHONG WHITMAN, B.S., 1954

In History

EDWARD MOORE BENNETT, A.B., Butler University, 1952
JACQUES ROGER GOUTOR, A.B., Allegheny College, 1952
MICHAEL PHELPS HOYT, Ph.B., A.B., University of Chicago, 1950, 1955
ROBERT PAUL McCORD, A.B., Millikin University, 1950
LEWIS MILTON ROBINSON, A.B., Westmont College, 1951
PATRICIA THOMAS TEVEBAUGH, A.B., 1950

In Labor and Industrial Relations

MILFERD LIEBERTHAL, B.S., 1950
RICHARD BYRON PETERSON, A.B., Augustana College, 1955
HERBERT SOLDZ, A.B., Washington University, 1953
ROBERT ALAN VERNOOY, A.B., Syracuse University, 1952
JOHN CORNELIUS WAITE, JR., B.S., Southern Illinois University, 1955

In Political Science

ISABELLE MARY CRAWFORD, B.S., 1949
RICHARD STERLING JOHNSTON, A.B., University of Colorado, 1950

In Psychology

JANET KENNEDY LUNDGOOT, B.S., 1952

In the Teaching of English

VICTORIA PAPPAS, A.B., 1954
WINIFRED GRIFFEN SCHUTTE, A.B., Waynesburg College, 1949

Degree of Master of Science*In Accountancy*

CLARENCE GEORGE AVERY, B.S., University of Omaha, 1953

In Aeronautical Engineering

FRANK GILBERT MORTON, B.S., 1955

In Agricultural Economics

JOSEPH DAVID HENDERSON, B.S., 1953
ROBERT ERWIN JACOBSON, B.S., 1953

In Biological Sciences

OTIS WILLIAM THOMPSON, B.S., North Carolina College, 1949

In Chemical Engineering

DUANE LESLIE FLINT, B.S., Washington State College, 1952

In Chemistry

CARL FRANK STOCKER, B.S., Loyola University, 1954; M.S.(Physics), 1956

In Civil Engineering

BERNARD JOSEPH GOODAL, B.A.Sc., University of Toronto, 1953
GEORGE TERRELL MAYES, B.S., University of Texas, 1955
JOHN WILLIAM MELIN, B.S., Rose Polytechnic Institute, 1954
STANLEY LANGFORD PAUL, B.S., 1955
KENNETH SMITH PETERSEN, B.S., 1955

In Clinical Psychology

ORVALL JUNIOR WALL, Ph.B., University of Chicago, 1949; B.S., 1950

In Dairy Science

BERNHARD CHRISTOPH HERTLEIN, B.S., 1955

In Entomology

JOHN ARTHUR LOWE, B.S., Lawrence College, 1951

In Food Technology

SHUI SHUNG MAO, B.S., National Central University, 1945

In Geology

MARVIN JOHN ANDRESEN, B.S., 1955

THOMAS LEE WRIGHT, B.S., Lawrence College, 1954

In Health Education

DOLORES KOTSIKOS DOEHLER, B.S., 1954

In Journalism

HAROLD COLE RUGGLES, B.S., Ohio State University, 1939

In Library Science

ESPERANZA ACOSTA, A.B., Texas Western College, 1954

In Mining Engineering

CHARLES DAVID DOBSON, B.S., 1951

HAROLD CHRISTIAN ROLSETH, B.S., 1953

In Music Education

SUSAN ESTHER WILSON, B.Mus.Ed., Bradley Polytechnic Institute, 1938

In Physical Education

RALPH WILLIAM DECKER, B.S., Springfield College, 1952

EVERETT LESLIE HERDEN, JR., B.S., Springfield College, 1954

JEAN HELEN IVISON, B.S., New York University, 1955

NORMAN THOMAS LAAKSO, B.S., Boston University, 1954

WILLIAM JOSEPH McMAHON, B.S., Temple University, 1955

LEROY FARWELL STERLING, B.S., 1955

In Physiology

ROBERT RIX PENSINGER, A.B., Millikin University, 1951

In Recreation

ROBERT EARL BENNER, B.S., University of Georgia, 1952

In Sanitary Engineering

KEITH AINSWORTH YARBOROUGH, A.B., 1955

In Zoology

CLYDE HEDMAN ERIKSEN, A.B., University of California, 1955

Degree of Master of Music

ALAN STANLEY CURTIS, B.Mus., Michigan State College, 1955

LLOYD PHILLIP FARRAR, B.Mus., 1955

NANCY COE MAZE, A.B., Smith College, 1953

Degree of Master of Architecture

DANIEL HOWARD GOLTZ, B.Arch., Carnegie Institute of Technology, 1955

COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Electrical Engineering*

JOHN EDWARD ADE, with Honors

In Mechanical Engineering

LEWIS RICHARD WORTH

In Metallurgical Engineering

THOMAS LEE HARRIS

COLLEGE OF LIBERAL ARTS AND SCIENCES**Degree of Bachelor of Arts***In Home Economics*

EVELYN MABON DORRIS

In Liberal Arts and Sciences

CARL EMSLEY BASS

THOMAS WILLIAM GYORI

JANICE HOLLY BOSS

Degree of Bachelor of Science*In Chemistry*

THEODORE LEWIS SHEDROFF

In Liberal Arts and Sciences

GAEL MARY CAMPBELL

GORDON EUGENE HINES

COLLEGE OF EDUCATION**Degree of Bachelor of Science***In Elementary Education*JUDITH SHEILA BALL, with High
HonorsLORIS RISSMAN LEVY
EVELLE LEAH SHKOLNIK**COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION****Degree of Bachelor of Science***In Accountancy*

KENNETH BAYGOOD

In Industrial Administration

HERBERT WEINTRAUB

In Management

EARL DONALD AUSTIN, JR.

In Marketing

BERNARD JOSEPH PAPE

SCHOOL OF JOURNALISM AND COMMUNICATIONS**Degree of Bachelor of Science***In Journalism*

ALLAN ROGER KURTZMAN

KEITH GERALD PETERSON

COLLEGE OF FINE AND APPLIED ARTS**Degree of Bachelor of Architecture**

DAVID EUGENE CHAMBERLAIN

JOHN PAUL MANACHEK

Degree of Bachelor of Science*In Architectural Engineering*

LARRY UNO LARSON

SCHOOL OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Physical Education*

JANE MARIE YOSEPIAN

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations, declinations, and cancellations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- ALI, IQBAL, Research Assistant in Civil Engineering (S), one year from September 1, 1956, \$5400 (9-19-56).
- AMADOR, LUIS V., Clinical Assistant Professor of Neurological Surgery (Medicine), $\frac{3}{4}$ time, one year from September 1, 1956, \$1500, supersedes (9-5-56).
- ARONSON, DONALD G., Research Associate in the Digital Computer Laboratory, nine months from September 16, 1956, \$5000, supersedes (10-2-56).
- ARONSON, ROSLYN G., Assistant Editor, with rank of Assistant (S), September 10, 1956-August 31, 1957, \$4000 a year (9-12-56).
- ASCHNER, MARY J., Research Assistant in the Bureau of Educational Research, $\frac{1}{2}$ time, and on the University Council on Teacher Education, $\frac{1}{2}$ time, nine months from September 1, 1956, to render service during the academic year, \$3600, supersedes (9-10-56).
- ATE, LOUIS C., JR., Assistant Professor of Psychology and Clinical Counselor in the Student Counseling Bureau, one year from September 1, 1956, \$6500, supersedes (10-5-56).
- BAILAR, MRS. FLORENCE L., Instructor in Mathematics, six months from September 1, 1956, to render service during the first semester of the academic year 1956-57, \$400 a month (10-9-56).
- BALLOWE, JAMES C., Assistant in English, nine months from September 16, 1956, \$3000, supersedes (9-19-56).
- BARBIERI, QUINTIN V., Assistant in the Institute of Aviation, September 16, 1956-January 31, 1957, \$425 a month (10-5-56).
- BARRON, SAMUEL H., Assistant Professor of Pediatrics, Departments of Psychiatry and Pediatrics (Medicine), $\frac{1}{2}$ time, four months from September 1, 1956, \$333.33 a month, supersedes (9-25-56).
- BAYLEY, WILLIAM H., Assistant in Accountancy, nine months from September 16, 1956, \$3000, supersedes (10-10-56).
- BEDFORD, MRS. RUTH A. H., Serials Cataloger, with rank of Instructor (Library), one year from September 1, 1956, \$4400, supersedes (9-7-56).
- BERMAN, DAVID S., Instructor in Applied Materia Medica and Therapeutics (Dentistry), $\frac{3}{10}$ time, one year from September 1, 1956, without salary (10-4-56).
- BERNAUER, EDMUND M., Instructor in Physical Education for Men, $\frac{1}{2}$ time, academic year beginning September 1, 1956, \$2000, supersedes (9-19-56).
- BLUHM, ELAINE A., Research Assistant in Anthropology, to render service during the academic year 1956-57, September 10, 1956-June 15, 1957, \$350 a month (9-19-56).
- BOSDELL, BETTY J., Instructor in Education, $\frac{1}{2}$ time, academic year beginning September 1, 1956, \$2100 (9-11-56).
- BOWNESS, LAWRENCE J., Orthopaedic Consultant in the Respiratory Center, in the Department of Preventive Medicine, and Clinical Instructor in Orthopedic Surgery (Medicine), $\frac{1}{2}$ time, six months from July 1, 1956, \$600; this is in addition to his nonsalaried appointment (9-19-56).
- BROCK, GEORGE W., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1956, \$4000, supersedes (10-8-56).

- BRODY, VIOLA A., Research Associate in Psychiatry (Medicine), four months from September 1, 1956, \$460 a month (9-25-56).
- BROOKS, ALFRED J., Assistant in Radiology (Medicine), one year from September 1, 1956, without salary (10-5-56).
- BROWNLEE, DOLORES A., Assistant in Medical Social Work (Medicine), one year from September 1, 1956, \$4170, supersedes (9-6-56).
- BUSCH, HIRSH, Instructor in Applied Materia Medica and Therapeutics (Dentistry), $\frac{1}{5}$ time, one year from September 1, 1956, without salary (8-31-56).
- BYARS, EDWARD F., Instructor in Theoretical and Applied Mechanics (C), six months from September 1, 1956, to render service during the academic year, \$366.67 a month, supersedes (9-13-56).
- CALEF, ENRICO, Research Associate in Bacteriology, $\frac{3}{4}$ time, September 15, 1956-June 30, 1957, \$3600 a year (7-23-56).
- CALLOWAY, NATHANIEL O., Lecturer in Medicine, with rank of Assistant Professor (Medicine), one year from September 1, 1956, without salary (10-8-56).
- CARRIGAN, MRS. NANCY J., Assistant Editor, with rank of Instructor (S), $\frac{1}{2}$ time, eleven months from October 1, 1956, \$2200 a year (10-9-56).
- CLARKE, MATTHEW, Assistant in English, nine months from September 16, 1956, \$3000, supersedes (9-19-56).
- COLBERT, MARVIN J., Instructor in Medicine (Medicine), one year from September 1, 1956, \$7500 (9-11-56).
- COLLINSON, CHARLES W., Lecturer in Geology, $\frac{4}{10}$ time, September 16, 1956-January 31, 1957, to render service during the first semester of the academic year 1956-57, \$1500 (9-22-56).
- COLVIN, JAMES C., Editor of Alumni News, with rank of Associate Professor, and Administrative Assistant in the Office of the President of the University on part-time (27 percent), one year from July 1, 1956, \$2982; in addition to salaries paid by University of Illinois Alumni Association and University of Illinois Foundation for services to those organizations, supersedes (10-1-56).
- COTTRELL, FRANCES B., Assistant in Education (University High School), nine months from September 16, 1956, \$4000 (9-26-56).
- DANNER, CHARLES S., Assistant Professor of Civil Engineering (C), $\frac{1}{3}$ time, to render service during the first semester of the academic year 1956-57, September 1, 1956-February 28, 1957, \$161.11 a month (9-19-56).
- DEAN, DAVID W., Assistant in Mathematics, September 16, 1956-January 31, 1957, \$333.33 a month, supersedes (10-10-56).
- DIAMOND, MRS. ANITA M., Assistant Supervisor of Testing in the Student Counseling Bureau, September 15, 1956-August 31, 1957, \$3660 a year (9-19-56).
- DOUGAL, ARWIN A., Research Associate in Electrical Engineering (C), one year from September 1, 1956, \$6160 (9-12-56).
- DUNCAN, JAMES W., Research Assistant in Electrical Engineering (S), one year from September 1, 1956, \$5800 (9-12-56).
- EICHBERGER, LEROY C., Research Associate in Theoretical and Applied Mechanics (C), $\frac{3}{4}$ time, nine months from September 16, 1956, \$3000, supersedes (9-7-56).
- EISEN, NATHANIEL H., Assistant Professor of Psychology, $\frac{1}{4}$ time, academic year beginning September 1, 1956, \$1500 (10-5-56).
- ELMER, CHARLES D., Assistant in Physical Education for Men, one year from September 1, 1956, \$5500 (10-10-56).
- ENGBRING, JANET, Assistant in Occupational Therapy (Medicine), two months from September 1, 1956, without salary (9-28-56).
- ESPENSCHIED, ROLAND F., Instructor in Vocational Agricultural Service $\frac{1}{3}$ time and in Agricultural Engineering $\frac{17}{100}$ time (C), one year from September 1, 1956, \$3600, supersedes (10-2-56).
- EVANS, NINA R., Research Assistant in Bacteriology, one year from September 1, 1956, \$3780 (9-13-56).
- FERBER, MARIANNE A., Lecturer in Economics, five months from September 16, 1956, \$500 a month (10-2-56).
- FIFIELD, MERLE, Assistant in English, nine months from September 16, 1956, \$3000 (9-19-56).
- FINLAY, GILBERT C., Associate Professor of Education, on indefinite tenure, Assistant Dean of the College of Education, $\frac{1}{2}$ time, and Head of Counsel-

- ing Services on the University Council on Teacher Education, $\frac{1}{2}$ time, one year from September 1, 1956, \$8750 a year, supersedes (10-4-56).
- FRANK, MRS. FRANCINE, Instructor in Spanish, academic year beginning September 1, 1956, \$3850 (9-25-56).
- GEVIRTZ, JASPER, Assistant in Clinical Dentistry (assigned to the Hospital Dental Clinic) (Dentistry), eleven months from October 1, 1956, without salary (10-8-56).
- GLICKLICH, LUCILLE B., Instructor in Pediatrics (Medicine) $\frac{4}{5}$ time and in Health Service (Chicago Undergraduate Division) $\frac{1}{5}$ time, one year from September 1, 1956, \$4400 (9-19-56).
- GOLDSTEIN, HERBERT, Instructor in the Institute for Research on Exceptional Children, $\frac{1}{2}$ time, academic year beginning September 1, 1956, \$2950, supersedes (10-4-56).
- GRAHAM, LEONARD A., Research Assistant in Physiology (Medicine), one year from September 1, 1956, \$4200 (10-2-56).
- GRIEBLE, HANS, Research Assistant in Medicine (Medicine), one year from September 1, 1956, \$3660, supersedes (9-19-56).
- GUTHIER, HAROLD D., Assistant Extension Editor and Assistant Professor of Agricultural Extension, in the Cooperative Extension Service in Agriculture and Home Economics, October 15, 1956-August 31, 1957, \$7000 a year, supersedes (9-29-56).
- GUTMANN, DAVID L., Clinical Assistant in Clinical Psychology (Psychiatry) (Medicine), one year from September 1, 1956, without salary (9-8-56).
- HART, JEANNETTE Z., Instructor in Physical Sciences (Chicago Undergraduate Division), $\frac{1}{3}$ time, five months from September 1, 1956, to render service during the first semester of the academic year 1956-57, \$160 a month (9-6-56).
- HASAN, MAZHAR, Instructor in Physics (Chicago Undergraduate Division), academic year beginning September 1, 1956, \$4800 (9-10-56).
- HAYASHI, JAMES A., Research Associate in Biological Chemistry (Medicine), one year from September 1, 1956, \$6050, supersedes (10-4-56).
- HAYWARD, HAROLD N., Professor of Electrical Engineering (C), $\frac{1}{2}$ time, indefinite tenure, and Director of the Measurement Program (S), $\frac{1}{2}$ time, one year, beginning September 1, 1956, to render service during each academic year, \$8550 a year supersedes (9-19-56).
- HEIDGERD, LLOYD H., Assistant in Education, nine months from September 16, 1956, \$4800 (9-26-56).
- HEISSLER, JOHN, Assistant in English, nine months from September 16, 1956, \$3000, supersedes (9-25-56).
- HENDERSON, JOSEPH D., Assistant in Farm Management (Agricultural Economics) (S), three months from October 1, 1956, \$400 a month (9-17-56).
- HOPKINS, MRS. ALINE L., Instructor in the Bureau of Business Management, one year from September 1, 1956, \$5000 (9-25-56).
- HUTCHINSON, HAROLD D., Instructor in Veterinary Physiology and Pharmacology (Veterinary Medicine) and in Veterinary Research (S), September 16, 1956-August 31, 1957, \$5000 a year (9-19-56).
- HYATT, BARRY, Research Assistant in Mining and Metallurgical Engineering (C), to render service during the first semester of the academic year 1956-57, September 16, 1956-January 31, 1957, \$350 a month (9-25-56).
- INGALLS, MRS. ELIZABETH, Assistant in Rhetoric (English), nine months from September 16, 1956, \$3000 (9-19-56).
- IRIGOYEN, MARIO A., Clinical Assistant in Obstetrics and Gynecology (Medicine), one year from September 1, 1956, without salary (8-21-56).
- IRVIN, MAX A., Assistant Security Officer in the Office of the Dean of Students, October 1, 1956-August 31, 1957, \$7000 a year (9-11-56).
- JEANTET, COLETTE, Clinical Instructor in Otolaryngology (Medicine), eleven months from October 1, 1956, without salary (9-28-56).
- JEFFAY, HENRY, Assistant Professor of Biological Chemistry (Medicine), one year from September 1, 1956, \$6000 (9-28-56).
- KAMINSKI, LUDWIG, Clinical Assistant in Medicine (Medicine), one year from September 1, 1956, without salary (10-8-56).
- KEEN, MARIA, Assistant in English, nine months from September 16, 1956, \$3200 (9-19-56).

- KIEN, GERALD A., Assistant in Pharmacology (Medicine), $\frac{1}{2}$ time, one year from September 1, 1956, \$1830 (10-4-56).
- KOHARA, SHIRO, Research Assistant in Mining and Metallurgical Engineering (C), nine months from September 16, 1956, \$3150, supersedes (9-25-56).
- KRASNOW, SHELDON E., Clinical Assistant Professor of Medicine (C), $\frac{1}{4}$ time, one year from September 1, 1956, \$1824, supersedes (8-31-56).
- KRUZIC, ANNE, Assistant in Home Economics (C), nine months from September 16, 1956, \$3200 (9-25-56).
- KULIS, JOHN C., Clinical Assistant in Medicine (Medicine), one year from September 1, 1956, without salary (9-19-56).
- LASKIN, DANIEL M., Associate Professor of Postgraduate Studies and of Oral and Maxillofacial Surgery (Dentistry), indefinite tenure beginning October 1, 1956, \$8100 a year, supersedes (10-9-56).
- LAWDER, HOMER L., Professor of Hygiene on indefinite tenure, and Medical Adviser in the Health Service for one year, beginning September 1, 1956, \$10,500 a year, supersedes (9-25-56).
- LAWLESS, MRS. NANCY M., Research Assistant in Medicine (C), September 17, 1956-August 31, 1957, \$3660 a year (9-19-56).
- LAZOWSKI, EDWARD J., Assistant in the Institute of Aviation, September 16, 1956-January 31, 1957, \$425 a month (9-25-56).
- LEBOVITS, BINYAMIN Z., Research Associate in Psychiatry (Medicine), $\frac{1}{2}$ time, one year from September 1, 1956, \$1200 (9-19-56).
- LEVIN, NORMAN L., Instructor in Zoology, academic year beginning September 1, 1956, \$4500 (9-25-56).
- LEVY, MRS. LUCRETIA, Instructor in Mathematics, $\frac{1}{2}$ time, six months from September 1, 1956, to render service during the first semester of the academic year 1956-57, \$200 a month; this is in addition to her $\frac{1}{2}$ time non-academic appointment (10-9-56).
- LIANG, MILLY C. H., Instructor in Pediatrics (Medicine), $\frac{3}{4}$ time, \$3200, and in the Health Service (Chicago Undergraduate Division), $\frac{1}{2}$ time, \$1200, one year from September 1, 1956, supersedes (9-19-56).
- LIN, TSUNG-MIN, Assistant Professor of Clinical Science (Medicine), one year from September 1, 1956, without salary (10-5-56).
- LINN, MANSON B., Professor of Plant Pathology, on indefinite tenure, and Acting Head of the Department, September 1, 1956-August 31, 1957, or until such previous time as a permanent head is appointed, (C and S), \$9300 a year, supersedes (9-7-56).
- LIU, YUNG-SZI F., Psychometrist in the Student Counseling Bureau (Chicago Undergraduate Division), September 24, 1956-August 31, 1957, \$3800 a year (10-5-56).
- LOTHIAN, THOMAS A., Assistant in Physical Sciences (Chicago Undergraduate Division), nine months from September 16, 1956, \$3700 (9-8-56).
- LUM, PATRICK T. M., Research Associate in Entomology, four months from September 1, 1956, \$400 a month (9-11-56).
- MABILANGAN, LUIS M., Research Assistant in Pediatrics (Medicine), $\frac{3}{4}$ time, and in the Health Service (Chicago Undergraduate Division), $\frac{1}{2}$ time, one year from September 1, 1956, \$4200 (10-2-56).
- MAISCH, WILLIAM G., Research Associate in Chemical Engineering (S), one year from September 1, 1956, \$5800, supersedes (9-19-56).
- MAS, SOPHIA, Research Assistant in Bacteriology, nine months from September 16, 1956, \$3000 (9-28-56).
- MATTESON, JOHN W., Research Associate in Economic Entomology (S), $\frac{2}{3}$ time, one year from September 1, 1956, \$3600 (9-24-56).
- MCCAUL, WILLIAM E., Research Assistant in Zoology, nine months from September 16, 1956, \$3000, supersedes (9-25-56).
- MCDONALD, GERALD O., Assistant Professor of Surgery (Medicine), $\frac{9}{10}$ time, six months from September 1, 1956, \$600 a month, supersedes (10-4-56).
- MELGRAVE, ANTHONY P., Instructor in Anesthesiology (Surgery) (Medicine), eleven months from October 1, 1956, \$6000 a year, supersedes (10-6-56).
- MERRIFIELD, ALEANOR R., Instructor in Medical Social Work (Medicine), one year from September 1, 1956, \$6000, supersedes (10-4-56).
- MEYER, JOHN H., Instructor in Foreign Languages (Chicago Undergraduate

- Division), $\frac{1}{2}$ time, academic year beginning September 1, 1956, \$2200 (9-13-56).
- MIEHER, ROBERT L., Research Assistant in Electrical Engineering (C), one year from September 1, 1956, \$5000 (9-11-56).
- MONKE, EDWIN J., Instructor in Agricultural Engineering (S), $\frac{4}{5}$ time, one year from September 1, 1956, \$4560 (9-25-56).
- MOY, BEN F., Research Assistant in Biological Chemistry (Medicine), August 20, 1956-August 31, 1957, \$3660 a year (9-6-56).
- MURTHY, SAROJA K., Research Assistant in Dairy Science, one year from September 1, 1956, \$4000, supersedes (9-19-56).
- NAKAMICHI, MASUMI, Assistant in Chemistry (Pharmacy), ten months from September 1, 1956, \$3000 (10-5-56).
- NATHAN, ROBERT J., Assistant in Psychiatry (Medicine), one year from July 1, 1956, without salary (8-31-56).
- NEMCIK, ROBERT L., Assistant Extension Editor in Agricultural Administration (Agricultural Economics), with rank of Instructor (E), one year from September 1, 1956, \$5200 (10-10-56).
- NEUHAUS, HERBERT, Clinical Assistant in Medicine (Medicine), one year from September 1, 1956, without salary (10-4-56).
- NORDSIECK, ARNOLD T., Professor of Physics (C), $\frac{1}{2}$ time, on indefinite tenure to render service during each academic year, and Research Professor in the Control Systems Laboratory (S), $\frac{1}{2}$ time for the academic year, beginning September 1, 1956, \$12,975 a year, and Professor of Physics (C), indefinite tenure beginning September 1, 1957, to render service during each academic year, \$12,300 a year (9-25-56).
- NUNNALLY, JUM, Research Assistant Professor of Psychology, College of Liberal Arts and Sciences, $\frac{3}{10}$ time, and in the Institute of Communications Research, Graduate College, $\frac{7}{10}$ time, one year from September 1, 1956, \$7000, supersedes (10-5-56).
- OLECH, ELI, Professor of Oral and Maxillofacial Surgery and Director of Minor Oral Surgery (Dentistry), $\frac{3}{5}$ time, indefinite tenure beginning October 1, 1956, \$5700 a year, supersedes (10-9-56).
- ODYDYN, JOSEPHINE O., Instructor in Home Economics (C), academic year beginning September 1, 1956, \$4500 (9-7-56).
- PAPATHEODOROU, PAUL G., Assistant in Obstetrics and Gynecology (Medicine), nine months from October 1, 1956, without salary (9-11-56).
- PARTHASARATHY, M. D., Instructor in Biological Sciences (Chicago Undergraduate Division), academic year beginning September 1, 1956, \$4500 (9-25-56).
- PHIPPS, WILMA J., Instructor in the School of Nursing, September 17, 1956-August 31, 1957, \$5500 a year (9-28-56).
- POPPELBAUM, WOLFGANG J., Research Assistant Professor in the Digital Computer Laboratory, eleven months from October 1, 1956, \$8600 a year (9-19-56).
- POST, DANIEL, Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1956, \$2208, supersedes (9-19-56).
- POTEMPA, SYLVESTER J., Instructor in Physical Sciences (Chicago Undergraduate Division), $\frac{1}{2}$ time, five months from September 1, 1956, to render service during the first semester of the academic year 1956-57, \$240 a month (9-6-56).
- REID, ERNEST A., Professor of Electrical Engineering (C), $\frac{1}{3}$ time, academic year from September 1, 1956, \$3000 (9-13-56).
- RICHARDSON, AMBROSE M., Lecturer in Architecture, $\frac{1}{4}$ time, September 16, 1956-January 31, 1957, to render service during the first semester of the academic year 1956-57, \$1000 (9-22-56).
- RIPPON, JOHN W., JR., Assistant in Bacteriology (Medicine), three months from September 16, 1956, \$1000 (9-6-56).
- RITCHIE, MALCOLM L., Research Associate in Psychology, one year from September 1, 1956, \$9400, supersedes (9-7-56).
- ROBINSON, PATRICIA A., Instructor in Home Economics (C), academic year beginning September 1, 1956, \$4300 (9-29-56).
- ROSENBLUTH, PAUL R., Clinical Instructor in Neurological Surgery (Neurology and Neurological Surgery) (Medicine), $\frac{1}{4}$ time, July 1, 1956-August 31, 1957, \$1500 a year, supersedes (8-31-56).

- RUESS, AUBREY L., Instructor in Psychology (Psychiatry) (Medicine), one year from September 1, 1956, \$6000 (10-2-56).
- SCHATTKE, RUDOLPH W., Instructor in Accountancy, $\frac{1}{2}$ time, academic year beginning September 1, 1956, \$2000 (9-28-56).
- SCHIJATSCHKY, MILAN, Research Assistant in Histology (Dentistry), six months from September 1, 1956, \$333.33 a month (10-4-56).
- SCHMIDT, ROBERT, Assistant Professor of Theoretical and Applied Mechanics (C), academic year beginning September 1, 1956, \$5400 (9-8-56).
- SCHNEIDER, ALBERT F., Instructor in Pathology (Medicine), one year from September 1, 1956, \$7000, supersedes (8-31-56).
- SCHNEIDER, ROBERT L., Instructor in English, academic year beginning September 1, 1956, \$5000, supersedes (9-13-56).
- SCHOENBERGER, JAMES, Clinical Assistant Professor of Medicine (Medicine), one year from September 1, 1956, without salary (8-31-56).
- SCHOLER, ELMER A., Assistant in Rural Recreation (County Farm Extension) (E), full time for the first semester of 1956-57, \$333.33 a month, and on $\frac{1}{4}$ time for the second semester of 1956-57, \$83.33 a month, September 16, 1956-June 15, 1957 (9-19-56).
- SCHOOLMAN, HAROLD, Instructor in Medicine (Medicine), $\frac{3}{4}$ time, nine months from September 1, 1956, \$4625 a year (9-13-56).
- SCHUCKMELL, NATALIE, Instructor in Pediatrics (Medicine), $\frac{3}{4}$ time, one year from September 1, 1956, \$3720, supersedes (9-19-56).
- SCHUITMAN, ROBERT A., Assistant Dean of Foreign Students, one year from September 1, 1956, \$6500 (9-7-56).
- SCOUFFAS, ROBERTA, Assistant in English, nine months from September 16, 1956, \$3200 (9-26-56).
- SCUDDER, CHARLES L., Assistant in Biological Sciences (Chicago Undergraduate Division), nine months from September 16, 1956, \$3600 (9-25-56).
- SHOMAY, DAVID, Instructor in Biological Sciences (Chicago Undergraduate Division), academic year beginning September 1, 1956, \$4800 (9-11-56).
- SKY-PECK, HOWARD H., Lecturer in Biological Chemistry (Medicine), one year from September 1, 1956, without salary (9-25-56).
- SMITH, MRS. JANET G., Instructor in Medical Social Work (Medicine), four months from September 1, 1956, \$450 a month (9-25-56).
- SPRANKEL, CHARLENE M., Research Assistant in the Control Systems Laboratory (S), August 24, 1956-August 31, 1957, \$4800 a year (9-19-56).
- STEARNS, CAROLE M., Assistant in Physical Sciences (Chicago Undergraduate Division), nine months beginning September 16, 1956, \$3800 (10-4-56).
- STEMMLER, ROSEMARIE M., Research Associate in the Control Systems Laboratory (S), $\frac{1}{2}$ time, September 17, 1956-August 31, 1957, \$2700 a year (10-4-56).
- STINGL, MRS. MARIA, Microanalyst in Chemistry, eleven months from October 1, 1956, \$3660 a year (9-19-56).
- SUCI, GEORGE J., Research Assistant Professor in the Institute of Communications Research and in the Department of Psychology, one year from September 1, 1956, \$7000, supersedes (9-21-56).
- TAMBLINGSON, ROY E., Instructor in the Shop Laboratories (Engineering Sciences) (Chicago Undergraduate Division), academic year beginning September 1, 1956, \$5600 (10-5-56).
- TARKÖY, NICHOLAS, Research Associate in Chemistry, one year from October 1, 1956, \$5000 (10-10-56).
- TEICHNER, RONALD, Assistant in Pathology (Medicine), July 16, 1956-June 30, 1957, without salary (8-31-56).
- TOBINAGA, SEISYO, Research Associate in Chemistry, $\frac{3}{4}$ time, six months from October 1, 1956, \$300 a month (10-5-56).
- TRAVIS, MRS. EDNA S., Resident Assistant, Arbor Suites, ten months from August 20, 1956, \$1600; for the convenience of the University she will receive board and room while on duty valued at \$31 a month (9-6-56).
- TREVINO, LUIS, Instructor in Pediatrics (Medicine), $\frac{4}{5}$ time, and in the Health Service (Chicago Undergraduate Division), $\frac{7}{8}$ time, eleven months from October 1, 1956, \$4400 a year, supersedes (9-7-56).

- TSAO, PETER, Instructor in Physics (Chicago Undergraduate Division), academic year beginning September 1, 1956, \$4800 (9-20-56).
- TUCK, SAMMIE, JR., Research Assistant in Physical Medicine and Rehabilitation (Medicine), September 17, 1956-August 31, 1957, \$3660 a year (10-4-56).
- TURNER, FRED A., Assistant in Chemistry (Pharmacy), ten months from September 1, 1956, to render service during the academic year, \$3000, supersedes (10-2-56).
- TYROLER, ROBERT L., Instructor in Social Sciences (Chicago Undergraduate Division), $\frac{1}{2}$ time, ten months from September 1, 1956, to render service during the academic year, \$1400 (10-10-56).
- VILARO, AUDREY G., Assistant in English, September 16, 1956-January 31, 1957, \$433.33 a month (9-19-56).
- VOSTI, KENNETH L., Research Assistant in Preventive Medicine (Medicine), one year from September 1, 1956, \$3670 (10-4-56).
- WENAR, CHARLES, Research Associate in Psychiatry (Medicine), one year from September 1, 1956, \$7200 (9-19-56).
- WIESINGER, FREDERICK P., Lecturer in Mechanical Engineering (Chicago Undergraduate Division), academic year beginning September 1, 1956, \$6000 (10-4-56).
- YAEGER, JAMES A., Instructor in the Admitting Clinic (Dentistry), $\frac{4}{5}$ time, and in Anatomy (Medicine), $\frac{1}{2}$ time, nine months from October 1, 1956, to render service during the academic year, \$500 a month, supersedes (10-4-56).

GRADUATE FELLOWS

(The date in parentheses is the date on which the appointment was made by the Dean of the Graduate College.)

- AJIROGI, HAROLD H., United States Department of Health, Education, and Welfare Fellow in Education, nine months from September 16, 1956, \$200 a month (9-27-56).
- COOGAN, VIRGINIA A., Rockefeller Foundation Fellow in Bacteriology, nine months from September 16, 1956, \$1350 (6-12-56).
- COPELAND, MARTHA, United States Department of Health, Education, and Welfare Fellow in Social Work, nine months from September 16, 1956, \$1600 (9-28-56).
- DAVENPORT, MRS. KATHRYN J. B., United States Mental Health Fellow in Social Work, nine months from September 16, 1956, \$2000 (10-3-56).
- ECONOMUS, ANNA, United States Mental Health Fellow in Social Work, nine months from September 16, 1956, \$1800 (10-3-56).
- ELLIOTT, ROGERS, United States Public Health Service Fellow in Psychology, nine months from September 16, 1956, \$1800 (10-11-56).
- HANDLON, JOSEPH, United States Public Health Service Postdoctoral Fellow in Clinical Psychology, in the Department of Psychiatry, one year from September 1, 1956, \$4000 (9-6-56).
- JAMES, BARBARA F., United States Department of Health, Education, and Welfare Fellow in Social Work, nine months from September 16, 1956, \$1600 (9-28-56).
- LONGSHORE, JAMES F., JR., Sperry Gyroscope Fellow in Electrical Engineering, nine months from September 16, 1956, \$1500 (9-17-56).
- MCCORMICK, MARJORIE A., United States Public Health Service Fellow in Psychology, nine months from September 16, 1956, \$1800 (10-11-56).
- McKINLEY, JOHN M., Minneapolis-Honeywell Regulator Company Fellow in Physics, nine months from September 16, 1956, \$1600, supersedes (9-17-56).
- MEADOWS, GARLAND K., United States Department of Health, Education, and Welfare Fellow in Education, nine months from September 16, 1956, \$200 a month (9-27-56).
- MINTER, HERBERT B., United States Department of Health, Education, and Welfare Fellow in Education, nine months from September 16, 1956, \$200 a month (9-27-56).
- NELSON, MARGARET R., United States Department of Health, Education and Welfare Fellow in Social Work, nine months from September 16, 1956, \$1600 (9-28-56).

- NISHIDA, TOSHIRO, Swift and Company Postdoctoral Fellow in Food Technology, nine months from September 16, 1956, \$3000, supersedes (9-17-56).
 NOACK, EUNICE H., United States Mental Health Fellow in Social Work, nine months from September 16, 1956, \$1800 (10-3-56).
 OWENS, MRS. MARJORIE J. B., United States Mental Health Fellow in Social Work, nine months from September 16, 1956, \$1800 (10-3-56).
 PERCIVAL, MRS. NELL C., United States Mental Health Fellow in Social Work, nine months from September 16, 1956, \$1800 (10-3-56).
 SCRAGG, JOANN, Rockefeller Foundation Fellow in Bacteriology, nine months from September 16, 1956, \$1350 (6-12-56).
 SHUSTER, CHARLES W., E. I. DuPont Fellow in Bacteriology, nine months from September 16, 1956, \$1500 (9-18-56).
 STIEG, WESLEY F., Rockefeller Foundation Fellow in Bacteriology, nine months from September 16, 1956, \$1350 (6-12-56).
 YUFIT, ROBERT I., United States Public Health Service Postdoctoral Fellow in Clinical Psychology, one year from September 1, 1956, \$3400 (9-6-56).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- ARASE, HIROSHI H., Registered Pharmacist in Hospital Pharmacy (Pharmacy) — resignation effective September 29, 1956.
 BANNISTER, TURPIN C., Professor of Architecture — resignation effective March 1, 1957.
 BURRUS, B. ISABELLE, Head Resident, Busey Hall — resignation effective June 30, 1956.
 CAMERON, DUNCAN J., Instructor in the Institute of Aviation — resignation effective September 1, 1956.
 DAVIS, EDWIN W., Assistant Professor of Psychology and Counselor in the Student Counseling Bureau (Chicago Undergraduate Division) — resignation effective September 15, 1956.
 DEUEL, REUBEN F., Instructor in the Institute of Aviation — resignation effective October 8, 1956.
 DURHAM, OREN C., Lecturer in Allergy, with rank of Assistant Professor, in the Department of Medicine (Medicine) — resignation effective September 1, 1956.
 ELLIOTT, CHARLES R., Assistant Professor of Clinical Speech Pathology (Otolaryngology) (Medicine) — cancellation effective September 1, 1956.
 ESTERHAMMER, CHARLES E., Assistant in Mathematics (Chicago Undergraduate Division) — resignation effective June 16, 1956.
 EVANS, KARL H., Associate Professor of Civil Engineering, assigned to the Indian Institute of Technology — declination effective September 15, 1956.
 FOWLER, VERNON J., Research Assistant in Electrical Engineering — resignation effective October 1, 1956.
 FREDIAN, ALAN J., Instructor in Social Science (Chicago Undergraduate Division) — Declination effective September 1, 1956.
 FREEMAN, LINTON C., Instructor in the School of Nursing — resignation effective September 1, 1956.
 FRITZ, LOIS M., Instructor in Radiology (Medicine) — declination effective September 1, 1956.
 GIBSON, ROLAND, Assistant Professor of Economics — resignation effective September 1, 1956.
 HANSON, CLARENCE A., Instructor in the Admitting Clinic (Dentistry) — declination effective September 1, 1956.
 HARTLEY, PAUL A., Associate Director of Nonacademic Personnel (Chicago Professional Colleges) — resignation effective September 15, 1956.
 HAYS, MRS. IRMA W., Instructor in Home Economics 4-H Club Work — resignation effective October 1, 1956.
 HELLMER, CORWIN A., Instructor in General Engineering (Chicago Undergraduate Division) — resignation effective September 1, 1956.
 HENDERSON, WALTER J., Instructor in Radiology (Medicine) — resignation effective October 1, 1956.
 HUNTER, FRANCIS R., Research Associate in the Institution for Tuberculosis Research — resignation effective September 15, 1956.
 JONES, ROBERT O., Instructor in Radiology (Medicine) — cancellation effective September 1, 1956.

- JU, MRS. RUBY CHEN, Micronanalyst in Chemistry — resignation effective October 15, 1956.
- KOVANDA, ANNE E., Undergraduate Library Assistant, with rank of Instructor — resignation effective December 22, 1956.
- KRUSE, VILIS, Instructor in Pediatrics (Medicine) and in Hygiene (Chicago Undergraduate Division) — declination effective September 1, 1956.
- LANDES, JACK L., Assistant Professor of Education (Bureau of Educational Research) — resignation effective September 1, 1956.
- LIBA, RICHARD, Assistant in English — declination effective September 16, 1956.
- LIN, TSUNG-MIN, Assistant Professor of Clinical Science (Medicine) — resignation effective September 1, 1956.
- LUND, HARVEY A., Research Associate in Agronomy — resignation effective November 1, 1956.
- MANKAU, G. REINHOLD, Assistant in Plant Pathology — resignation effective September 1, 1956.
- MARWAH, AMARJIT S., Research Assistant in Histology (Dentistry) — resignation effective October 1, 1956.
- MASON, HERMAN C., Research Professor of Electrical Engineering — cancellation effective September 1, 1956.
- MICHALOVA, DAGMAR, Serials Cataloger, with rank of Instructor (Library) — resignation effective October 1, 1956.
- MIEHER, ROBERT L., Research Assistant in Electrical Engineering — declination effective September 1, 1956.
- MOORHOUSE, JOHN A., Clinical Assistant in Medicine (Medicine) — cancellation effective September 1, 1956.
- MYSIAK, EUGENE J., Assistant Professor of General Engineering (Chicago Undergraduate Division) — resignation effective September 1, 1956.
- OLIN, MRS. GRACE, Assistant in Medical Social Work (Medicine) — resignation effective August 10, 1956.
- ORBAN, WILLIAM A. R., Instructor in Physical Education for Men — resignation effective September 1, 1956.
- ORE, FRED R., Research Assistant in Electrical Engineering — resignation effective November 15, 1956.
- OTIS, LEON S., Research Associate in Psychiatry (Medicine) — declination effective September 1, 1956.
- PAPATHANASSIOU, GEORGE, Assistant in Electrical Engineering — declination effective September 16, 1956.
- POMATTO, BERT D., Instructor in Orthodontics (Dentistry) — declination effective September 1, 1956.
- RUSZEL, VIRGINIA H., Assistant Chief Pharmacist in Hospital Pharmacy (Pharmacy) — resignation effective October 25, 1956.
- SEGLIN, MELVIN N., Clinical Instructor in Psychiatry (Medicine) — resignation effective September 1, 1956.
- SEPP, ENDEL, Clinical Assistant in Medicine (Medicine) — cancellation effective September 1, 1956.
- SIEGEL, SEYMOUR B., Clinical Instructor in Psychiatry (Medicine) — resignation effective September 1, 1956.
- SINGER, ELAINE T., Assistant Editor of Publications, with rank of Instructor (Agricultural Experiment Station) — resignation effective October 20, 1956.
- SMITH, JOHN P., Adjutant in Military Science and Tactics (Army R.O.T.C.) — resignation effective August 31, 1956.
- SOOTHILL, JOHN F., Research Assistant in Medicine (Medicine) — resignation effective September 26, 1956.
- STAHELI, DONALD L., Research Associate in Livestock Marketing (Agricultural Economics) — resignation effective October 14, 1956.
- STEERMAN, JEROME J., University Health Physicist, with rank of Instructor — declination effective September 1, 1956.
- STELL, GEORGE R., Assistant in Physics (Chicago Undergraduate Division) — resignation effective September 1, 1956.
- STORM, WILLIAM J., Instructor in Mechanical Engineering (Chicago Undergraduate Division) — resignation effective August 31, 1956.
- TAKAGI, SADAYUKI, Research Associate in Psychiatry (Medicine) — resignation effective January 1, 1957.

- TEICHNER, RONALD, Assistant in Pathology (Medicine) — resignation effective September 27, 1956.
- THOMPSON, MRS. JOAN P., Assistant in Home Economics — resignation effective September 16, 1956.
- TIMPTON, RICHARD H., Assistant Professor of Radiology (Medicine) and Assistant Radiologist in the Research and Educational Hospitals — resignation effective September 14, 1956.
- TONNING, WAYLAND A., Instructor in Marketing — declination effective September 1, 1956.
- WARREN, MRS. HANNA M., Research Assistant in the Aeromedical and Physical Environment Laboratory — resignation effective October 1, 1956.
- WEI, HSIONG, Fellow in Civil Engineering — resignation effective September 16, 1956.
- WENDT, RICHARD H., Fellow in Physiology — resignation effective September 16, 1956.
- WESTER, MRS. LOUISE, Instructor in Spanish — resignation effective September 1, 1956.
- YAMAGATA, TAKETORA, Postdoctoral Fellow in Physics — resignation effective September 16, 1956.
- ZACK, JOHN F., JR., Fellow in Chemistry — resignation effective September 16, 1956.

LEAVES OF ABSENCE

- ANDERSON, RACHEL E., Assistant Editor in the University Press — leave of absence on account of disability, without pay, September 14, 1956-September 23, 1956, and on one-half time, on one-half pay, beginning September 24, 1956, and continuing until further notice.
- CURETON, THOMAS K., Professor of Physical Education for Men — leave of absence November 15 to December 15, 1956, with pay, in order that he may attend the International Congress of Physical Education, meetings of the Federation Internationale de Medico Sportive, meetings of the World Consultation on Health and Physical Education, and the Olympic Games to be held in Melbourne, Australia.
- JOHNSTONE, H. FRASER, Research Professor of Chemical Engineering, in the College of Liberal Arts and Sciences and in the Engineering Experiment Station — leave of absence on account of illness as follows: disability leave with full pay for six months beginning September 1, 1956; leave of absence without pay beginning March 1, 1957, and continuing until he is able to return to his duties.
- KAHN, MRS. JENNIE B., Instructor in Medical Social Work, in the College of Medicine — leave of absence, without pay, August 13, 1956-February 13, 1957.
- KRUGER, P. GERALD, Professor of Physics, in the College of Engineering — leave of absence on one-half time, without pay, one year from September 1, 1956, so that he may continue to serve the Midwest Universities Research Association on a half-time basis.
- LAWSON, JOEL S., JR., Research Assistant Professor in the Control Systems Laboratory, in the Engineering Experiment Station — extension of leave of absence, without pay, September 16-September 30, 1956.
- MCCLAY, CLARENCE H., Assistant Professor of Mechanical Engineering, in the College of Engineering — extension of leave of absence for another year, September 1, 1956-August 31, 1957, without salary, so that he may conclude satisfactorily projects for which he has key responsibility.
- POND, CHARLES P., Assistant Professor of Physical Education for Men — leave of absence from October 15-December 15, 1956, with full pay, in order that he may serve as Associate Coach of the United States Olympic Gymnastic Team and attend the Convention of the Amateur Athletic Union of the United States.
- SEYMOUR, ROBERT G., Associate Professor of Business Management and Director of the Bureau of Business Management — leave of absence, without pay, eleven months from October 1, 1956, so that he may serve as a member of a group for the International Cooperation Administration and the European Productivity Agency in Europe, conducting business management seminars

for business executives and university faculty members of Western European countries.

SNYDER, JAMES N., Associate Professor of Physics, in the College of Engineering—leave of absence for one year beginning September 1, 1956, without pay.

TRELEASE, MRS. LEAH F., Associate Professor of English—disability leave of absence during the first semester of the academic year beginning September 1, 1956.

WEISSMAN, IRA, Research Associate in the Control Systems Laboratory, in the Engineering Experiment Station—leave of absence, without pay, September 24-September 28, 1956.

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee submitted the following report.

MEETING OF THE EXECUTIVE COMMITTEE OCTOBER 3, 1956

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the Sheraton-Blackstone Hotel, Chicago, Illinois, on Wednesday, October 3, 1956, beginning at 1:30 p.m.

The following members were present: Mr. Park Livingston, Mrs. Frances B. Watkins, and Mr. H. B. Megran, Chairman.

Also present were President David D. Henry, Mr. Henning Larsen, Vice-President and Provost, Mr. H. O. Farber, Vice-President and Comptroller, and Mr. A. J. Janata, Secretary of the Board.

The Executive Committee considered the following item of business presented by the President of the University.

Special Service Assignment for Dean L. B. Howard

The University of Illinois has a contract with the International Cooperation Administration under which Illinois and four other universities supply technical assistance to institutions of higher education in India.

Dean Louis B. Howard has been asked to participate with the Deans of Agriculture of Ohio State University and Kansas State College of Agriculture and Applied Science in a mission to India for approximately six weeks beginning October 7, 1956.

The objectives of the trip will include a review of the work being done by University of Illinois representatives at various locations in India, consultation with Indian officials concerning the progress which has been made thus far, and discussions with University representatives to ascertain the future effectiveness of this program.

I have authorized Dean Howard to go to India for these conferences and have also authorized Dr. T. S. Hamilton, Associate Director of the Agricultural Experiment Station, to serve as Acting Dean of the College of Agriculture during the absence of Dean Howard.

On motion of Mr. Livingston, the action of the President was confirmed.

The Committee adjourned.

A. J. JANATA
Clerk

PARK LIVINGSTON
FRANCES B. WATKINS
H. B. MEGRAN, *Chairman*

PURCHASE OF AUTOMOBILES

The Secretary and the Comptroller reported that bids will be received subsequent to this meeting on the purchase of replacements for the University's motor vehicle fleet. It will be necessary to act on these bids before the next meeting of the Board of Trustees, and recommendations for the purchases will be submitted to the Executive Committee.

The Board adjourned.

A. J. JANATA
Secretary

H. B. MEGRAN
President