

**MEETING OF THE BOARD OF TRUSTEES**  
**OF THE**  
**UNIVERSITY OF ILLINOIS**

---

**October 23, 1958**



The October meeting of the Board of Trustees of the University of Illinois was held in the Sheraton-Blackstone Hotel, Chicago, Illinois, on Thursday, October 23, 1958, beginning at 10:00 a.m., central daylight saving time.

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

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant Department, Mr. Vernon L. Kretschmer, Director of Housing, Mr. H. A. Hazleton, Business Manager of the Chicago Colleges, Mr. H. W. Pearce, Superintendent of Buildings and Grounds at the Chicago Colleges, Mr. C. E. Flynn, Director of Public Information, Mr. Joseph S. Begando, Assistant to the President, Mr. William H. Rice, Administrative Assistant in the President's Office, Mr. Richard L. Nelson, President of the Real Estate Research Corporation, Mr. William Hartmann of the firm of Skidmore, Owings, and Merrill; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

**MINUTES APPROVED**

The Secretary presented the minutes of the meeting of the Board of Trustees on June 19, 1958, press proof copies of which have previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 1273 to 1670, inclusive.

**BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY**  
The Board took up consideration of the following reports and recommendations from the President of the University.

**BIENNIAL OPERATING BUDGET**

(1) Under state law the University must file with the Department of Finance not later than November 1 of each even-numbered year an estimate of the state appropriations it will request for the biennium beginning the following July.

The Board of Trustees at its meeting on July 29, 1958, approved recommendations for capital appropriations for 1959-61. I now submit the operating budget estimates for the two-year period beginning July 1, 1959. These estimates have been prepared after several months of study by the University's Budget Committee<sup>1</sup> under the chairmanship of the Vice-President and Provost, and have been reviewed with the University Council. Substantial reductions were made in the original estimates prepared by the colleges, schools, institutes and other departments. The budget estimates as now submitted represent the minimum needed for the biennium of 1959-61.

These estimates have also been carefully considered by the Finance Committee of the Board in a special work session in which the other Trustees participated.

I recommend that these budget estimates be approved as a basis for filing with the State Department of Finance and presentation to the state administration and to the Illinois Budgetary Commission.

The recommendations of the President, including the budget estimates and supporting materials, had been sent to all members of the Board of Trustees for study in advance of the meeting, and had previously been considered by the Finance Committee in consultation with the other Trustees.

Following President Henry's presentation, President Livingston called for discussion by the Trustees, in which all members present participated.

At the conclusion of these discussions, on motion of Mr. Johnston, seconded by Mrs. Watkins, the following operating budget was approved, and the President of the University was authorized to present these recommendations to the Department of Finance. This motion was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

On motion of Mrs. Watkins, the President of the Board, the President of the University, and the Chairman of the Finance Committee

<sup>1</sup> Gordon N. Ray, Vice-President and Provost, Chairman; Charles A. Knudson, Professor and Head of the Department of French; Herbert E. Longenecker, Vice-President in charge of the Chicago Professional Colleges; Reid T. Milner, Professor and Head of the Department of Food Technology; Joseph A. Russell, Professor and Head of the Department of Geography; Albert J. Schneider, Associate Professor of Accountancy; Henry S. Stillwell, Professor and Head of the Department of Aeronautical Engineering; Frederick T. Wall, Dean of the Graduate College; Dr. William V. Whitehorn, Professor of Physiology, Chicago Professional Colleges; and Herbert O. Farber, Vice-President and Comptroller.

were authorized to represent the University in conferences regarding this budget with state officials.

## UNIVERSITY OF ILLINOIS BIENNIAL BUDGET FOR OPERATIONS, 1959-61

### INTRODUCTION

#### Budget for 1958-59

The University of Illinois annual budget is \$46,341,140 from tax funds and \$6,432,660 from University general income, or a total of \$52,773,800.<sup>1</sup> This budget encompasses not only teaching, but also research activities, extension teaching, and other services to the people of the state.

Many activities receive additional financial support from federal grants and contracts, and from private gifts. In addition, the University operates auxiliary enterprises such as residence halls, union buildings, and bookstores. Receipts from all these sources are included in the annual operating budget, which totals \$77,-043,000. Tax revenues of \$46,341,140 make up 60 per cent of the total budget from all funds.

The biennial budget consists of only those funds which require appropriation by the General Assembly — the \$52,773,800 for 1958-59 from tax funds and University income, plus \$51,288,200 for 1957-58, or a total of \$104,062,000 for the biennium. The funds appropriated by the Seventieth General Assembly total \$104,-562,000, but \$500,000 will not be spent, since the increase in enrollment during 1957-58 was not as great as anticipated.

#### Procedures for Budget Request, 1959-61

In January, 1958, the Deans and Directors submitted requests for budget increases according to the classifications shown in Schedule A. Salary adjustments have been considered separately on a University-wide basis.

All requests have been studied by a Budget Committee appointed by the President. This Committee consists of the Vice-President and Provost as Chairman, the Vice-President and Comptroller, the Vice-President in charge of the Chicago Professional Colleges, the Dean of the Graduate College, and six faculty members from all three campuses, including representatives of the budget committees of the three Senates. The Committee has held weekly meetings during which it conferred with Deans and Directors to analyze their requests. The Committee has also given careful attention to the various proposals for salary increases and has concurred in the recommendations herein presented.

#### Budget Summary

The requests for additional funds submitted by Deans and Directors plus the salary recommendations total \$36,755,544 for the biennium. After careful analysis of these requests, the Budget Committee has reduced this figure and recommends an increase of \$26,948,000 over the appropriations for 1957-59 (an average of \$13,474,000 a year) or approximately 26 per cent of the current appropriations. The total requested budget of \$131,510,000 includes \$118,410,000 from tax revenues of the state and \$13,100,000 from University income. It is divided to provide \$63,-191,000 for the first year of the biennium and \$68,319,000 for the second. The higher amount in the second year will be needed primarily for salary adjustments, but also because of a larger enrollment and new buildings put into operation in that year. This means an added \$5,128,000 will be required in 1961-63 to maintain the level to be established during the second year of the coming biennium.

Schedule A is a summary statement of the various items included. In parallel columns are listed comparable figures for increases originally requested by Deans and Directors. Following Schedule A are explanatory statements concerning the purposes for which additional funds are requested.

<sup>1</sup> This and all other figures in this request include separate appropriations made in 1957-59 for the Gerontological Committee, Horseradish Research, and Agricultural Extension, but it does not include the Institution for Tuberculosis Research.

**Schedule A — Summary of 1959-61 Biennial Budget**

(All amounts are for two years except as noted)

	<i>Requested by Deans and Directors</i>	<i>Amount Recommended</i>
I. Contribution to University Retirement System	\$ 997 200	\$ 997 200
II. A. To continue for a full biennium, funds required for one year only in 1957-59.....	1 485 600	1 485 600
Less Income Fund not spent in 1957-59...	-500 000	-500 000
Net Amount to continue present budget...	(985 600)	(985 600)
B. For essential increases in expense and equipment.....	4 024 982	4 000 000
C. To continue on a permanent basis, expenditures financed temporarily from savings...	1 415 000	1 415 000
III. Salary adjustments for all staff.....	12 000 000	12 000 000 <sup>1</sup>
IV. University's contribution to staff health insurance program.....	600 000	600 000
V. To put new buildings into operation.....	1 290 200	1 290 200 <sup>1</sup>
VI. For additional enrollment.....	1 027 544	1 480 000 <sup>1</sup>
VII. To improve educational program.....	14 334 918	4 100 000
VIII. Increases in refunds.....	80 000	80 000
<i>Total Increases</i> .....	\$36 755 544	\$ 26 948 000
Present Budget.....		104 562 000 <sup>2</sup>
Proposed Budget.....		\$131 510 000

**Fund Distribution**

	<i>General Revenue</i>	<i>Income Fund</i>	<i>Total</i>
Present Budget.....	\$ 92 562 000 <sup>2</sup>	\$12 000 000	\$104 562 000 <sup>2</sup>
Increase.....	25 848 000	1 100 000	26 948 000
Proposed Budget.....	\$118 410 000	\$13 100 000	\$131 510 000

**EXPLANATION OF INCREASES REQUESTED**I. *Contribution to Retirement System*.....\$997 200

The University Retirement System provides disability and retirement benefits to all permanent staff members and employees of the University, of the other state universities, and of the three scientific surveys. The University's share of the cost of the System is included regularly in University appropriations. An increase of \$695,000 for the biennium is required for the benefits to be provided under the present law, mainly because of the larger number of persons who will be on retirement. An additional \$302,200 is included to provide for needed improvements in the Retirement System, which have been approved by its Board of Trustees.

IIA. *To continue for a full biennium, the funds required for one year only in 1957-59*.....\$985 600

As reported to the Seventieth General Assembly, \$1,985,600 was included for additional enrollment, new buildings, and salary adjustments for 1958-59. In approving the budget, the General Assembly anticipated that additional appropriations equal to this amount would be required in 1959-61 to continue the level established in this budget. Because enrollments were below estimates, the 1958-59 budget exceeds the 1957-58 budget by \$1,485,600 instead of by \$1,985,600. The increases in the second year are:

Salary adjustments .....	\$1 097 074
Operation of Biology Building.....	84 000
Operating expense of Research and Educational Hospitals	
from additional hospital income.....	215 000
For increased enrollment.....	89 526
	<b>\$1 485 600</b>

<sup>1</sup> Includes funds for second year of biennium only, as follows: salary adjustments, \$4,000,000; new buildings, \$348,000; additional enrollment, \$780,000; total, \$5,128,000.

<sup>2</sup> Includes separate appropriations for Gerontological Committee, Horseradish Research, and Agricultural Extension.

As a result of the reduction in the budget, \$500,000 of the 1957-59 appropriations from the University Income Fund will not be spent. The biennial appropriation can therefore be reduced by \$500,000, making a net increase of \$985,600 in the budget.

*IIB. For essential increases in expense and equipment budgets.....\$4 000 000*

No increases in biennial budget appropriations for increased costs of supplies and equipment have been made since 1949-51, all increases having been specifically for other purposes, such as contributions to the Retirement System, operation of new buildings, salary adjustments, and increased enrollment. In 1953-55, reductions were made in the expense and equipment budget of nearly every department. Thus, there are serious deficiencies, the correction of which is of high priority.

During this period, the price of nearly everything the University buys has been going up approximately 5 per cent a year. Coal has increased from five to six dollars a ton in the last three years. A dollar a ton is a significant increase since the University uses 60,000 tons a year. The increases in postal rates have contributed to the budget problems of many departments.

It has been impossible to replace all obsolete and worn-out equipment. Increased costs can no longer be met through internal adjustments and savings. The University's inventory of equipment is approximately \$40,000,000, about three-fourths of which has been provided from state funds. The present appropriation for equipment is \$1,000,000 a year, which provides for replacement on the average of once every thirty years. The most expensive type of equipment, scientific apparatus, becomes obsolete in less than half that time. Equipment budgets should be increased by at least 50 per cent to provide for an average replacement once every twenty years; however, the requested increase of 40 per cent will enable the University to inaugurate a program of regular replacement and to correct the most urgent deficiencies.

*IIC. To continue on a permanent basis expenditures*

*financed temporarily from savings.....\$1 415 000*

During the present biennium it has been necessary to increase the various operating budgets, both for staff and for current operating expenses, by the use of temporary savings in other areas. All these needs, which are detailed in Schedule B, will continue in the next biennium and should be provided for on a permanent basis. The principal items include interior painting, rental and staff for an IBM Electronic System, increases in fellowship stipends, additional staff for extramural classes, and operating expense of the Departments of Chemistry and Chemical Engineering and of Admissions and Records.

*III. Salary adjustments for all staff.....\$12 000 000*

While the increases provided in the 1957-59 budget have enabled the University to keep pace with increases at comparable institutions, further adjustments of considerable magnitude will be required during the next four biennia if faculty salaries are to be brought into line with comparable professions and other universities of great distinction. The President's Committee on Education Beyond the High School has recommended that faculty salaries be increased to twice the 1956 level within five to ten years.

From 1952 until 1956 the cost of living remained fairly constant, rising only 2 per cent during the four-year period. Thus, the increases made during that period represented substantial gains in purchasing power. During the last two years, however, in spite of the business recession, the Bureau of Labor Statistics Index of Consumer Prices has risen steadily month by month, so that the price level is now  $6\frac{1}{2}$  per cent greater than it was two years ago. There are good reasons for believing that a similar trend in living costs will continue.

The increases in faculty salaries at a number of other universities in the Middle West since 1951 on the average have exceeded those at the University of Illinois. These schools are planning increases comparable to those presented here. In 1957 the University ranked fourth among the Council of Ten Universities in average salaries for full professors, fifth for associate professors, third for assistant professors, and second for instructors.

Several leading universities now have minimum salaries of \$12,000 for full professors. The minimum at the University of Illinois is now \$8,400, and it

should be raised to \$12,000 within the next two or three biennia. Approximately three-quarters of the academic staff are below the rank of professor.

The gap between faculty salaries and commercial and industrial positions requiring comparable training is so great that many of the most promising students go into other lines of work. The situation is particularly acute in engineering, but shortages also exist in architecture, law, commerce, medicine, dentistry, chemistry, and many other fields.

*Business Week* magazine has reported that the average salary of ten-year college graduates is \$9,200 for industry and \$10,400 for banking. This is from 20 to 30 per cent more than the average University of Illinois faculty member of similar seniority receives. A neighboring engineering school recently made a study of forty-seven teachers who left its faculty to enter industry. Two-thirds of the former staff members received industrial salaries which exceeded their academic salaries by 50 per cent, and one-sixth of them received more than twice as much.

The University of Illinois has the largest and one of the finest Colleges of Medicine in the country. Yet fewer than 10 per cent of the full-time staff of the College receive salaries above the national average for practicing physicians.

The most serious problem facing higher education in the next decade is recruiting enough personnel to staff classes adequately for twice the present enrollment. The University can ill afford to lose staff to other professions, and concerted efforts must be made to attract more people to the teaching profession. Many men and women are temperamentally attracted to the academic life, but to hold even these a generous increase in the salary level is essential.

Adjustments in nonacademic salaries must be made to keep pace with anticipated increases in industry and in private and federal employment. In most nonacademic groups the salaries are now reasonably in line with comparable positions elsewhere, but further adjustments are needed in some areas.

Altogether, \$4,000,000 is needed for salary adjustments for all members of the staff in the first year of the biennium and an additional \$4,000,000 in the second year, a total of \$12,000,000 for the biennium. As indicated above, some increases in minimum salaries will be proposed. Otherwise, no percentage or across-the-board increases are contemplated, and each group will be considered on the basis of its relative position in comparison with comparable employment outside the University. With minor exceptions, every employee will receive some increase.

The amount requested is nearly half the new money asked for, and is approximately 10 per cent of the total proposed budget from tax funds. It is not the final answer to the salary problem, but it will permit a continuation of orderly improvement.

#### IV. *University's contribution to the health insurance program*.....\$600 000

The University has provided, on a voluntary basis, hospital, medical, and surgical insurance for members of the staff and their dependents. A staff committee has made an exhaustive study and recommends a plan which would cover the first \$250 of all hospital expenses, and 80 per cent thereafter. It would also cover 80 per cent of medical expenditures in excess of \$100. Each person would be insured for a \$15,000 maximum benefit. The committee recommends that the University pay the full cost of the insurance for staff members and half of the premium for dependents. This proposal is in line with a growing practice in industry and provides an excellent benefit at a relatively low cost to the state. The premiums for employees paid from other than state appropriations would be charged against funds from which the employees are paid.

#### V. *To put new buildings into operation*.....\$1 289 800

Funds will be needed for operation of buildings to be completed during the next biennium. These include the new Physics Building, Library Addition, Fine Arts Building, Medical Research Laboratory, Classroom Addition in Chicago, and several minor structures. Funds for the Labor and Industrial Relations Building, Veterinary Isolation Unit, and the Assembly Hall in the amount of \$348,000 are requested for one year only. An itemization of the amounts appears in Schedule C.

#### VI. *For additional enrollment*.....\$1 480 000

From 1,000 to 1,500 additional students are expected to enroll on the three

campuses each year of the new biennium. Only part of this increase can be served by the present staff. The enrollment of graduate students (the cost of graduate instruction is higher than the cost of teaching freshmen and sophomores) has substantially increased during the present biennium and this trend is expected to continue. Enrollment is not distributed evenly among all the departments, and additional staff will be required in areas where pressures are heavy. During 1959-60, approximately one-half of the additional enrollment can be taught by the present staff, but fifty-five more full-time staff members will be needed at a cost of \$350,000. In the second year of the biennium, one hundred twenty more full-time staff members will be needed at a cost of \$780,000, making a total of \$1,480,000 for the biennium.

VII. *To improve the educational program*.....\$4 100 000

Increases totaling \$7,167,459 a year, or \$14,334,918 for the biennium, have been requested by Deans and Directors for improving the educational program. Few new programs are contemplated in the reduced requests. Instead, the emphasis will be on expanding areas of teaching, research, and public service to maintain the University's position. The University Budget Committee is studying the relative merits of the total requests and will submit an itemization later. The sum proposed is less than 30 per cent of the requests from Deans and Directors, and represents the minimum amount needed to enable the University to meet current commitments and to provide for essential improvements in its educational program and services to the state.

VIII. *Refunds*.....\$80 000

State law requires all income from fees to be deposited in the State Treasury. Students who leave the University early in a semester are entitled to a refund of all or a portion of the fees depending on time of withdrawal. Based on the experience of the present biennium, the amount to be appropriated for refunds should be increased by \$80,000. This entire increase comes from the University Income Fund.

### OBJECT CLASSIFICATIONS

The State Finance Act requires that appropriation requests be submitted in terms of certain designated object classifications. These are shown in Schedule D.

A word should be added about the classification, "Contingencies." This does not represent funds for which the University has no known need. The present appropriations have been allocated to departments in a line-item internal budget in which all salaried positions are listed. All increases for the coming biennium are based upon specific requests from Deans and Directors, with adjustments by the University Budget Committee.

It is not always possible to expand a budget exactly as planned, particularly when estimates must be made as much as three years in advance of some of the actual expenditures. New faculty can not always be found immediately to fill vacancies. A department might decide that it is more desirable to construct a piece of equipment than to purchase it. While the end result would be the same, "Personal Services" and "Commodities" would replace "Equipment" so far as the object classification of expenditures is concerned. Therefore, in order to provide reasonable flexibility, the Department of Finance permits setting up five per cent of the appropriation under "Contingencies," and this amount is later allocated to the other object classifications as the exact distribution becomes known.

### Schedule B—Increases to Continue on a Permanent Basis Expenditures Financed Temporarily from Savings

	<i>Annual Amount</i>
Agriculture — half-time Editor.....	\$ 2 200
Agricultural Economics — part-time Assistant.....	2 200
Plant Pathology — Typist.....	2 700
Accountancy — half-time Typist.....	1 500
Economics — half-time Secretary.....	1 800
Executive Development Center — Secretary.....	3 990

	<i>Annual Amount</i>
Engineering — editorial staff.....	\$ 6 350
Mining and Metallurgical Engineering — half-time Associate Professor.....	3 500
Architecture and Art — Assistant Professor.....	5 700
Bureau of Community Planning — Professor.....	12 000
Bands — Librarian.....	4 800
Graduate Fellowships.....	52 500
IBM electronic data processing machine — rental and staff.....	70 000
Astronomy — part-time Assistant Professor.....	2 000
Chemistry and Chemical Engineering — part-time Assistant Professor, Typist, and expense.....	25 700
Entomology — part-time Assistant.....	1 700
French and Russian — two Assistant Professors.....	11 795
German — three-quarter time Assistant Professor.....	4 750
Mathematics — two Assistant Professors and half-time Typist.....	13 500
Physiology — part-time Assistants.....	900
Speech — Instructor.....	4 500
Zoology — part-time Assistants.....	3 700
Recreation — community consulting program.....	5 400
Extramural Classes.....	35 420
Veterinary Pathology and Hygiene — Professor.....	10 300
Institute of Government and Public Affairs — Assistant Professor....	8 000
Institute of Labor and Industrial Relations — Assistant Professor....	7 000
Social Work — Typist.....	3 600
Summer Session — teaching staff, Urbana and Chicago Undergraduate Division.....	9 500
University Press — publications.....	10 000
Library — additional book purchases.....	36 900
Physical Plant — renewals and replacements.....	198 870
School of Nursing — Instructor.....	4 800
Chicago Undergraduate Division — three Assistant Professors.....	17 500
Administrative Assistant to the President.....	15 000
Citizens Committee — part-time staff.....	1 700
Community Problems — expense.....	6 000
Student Counseling Services — summer testing program for freshmen..	9 880
Instructional Television — staff and expense.....	16 000
Admissions and Records — expense.....	56 745
Coordinator of College Day Programs.....	3 000
Business Office, Chicago Professional Colleges — expense.....	5 500
Nonacademic Personnel — service awards and advertising expense....	6 000
Dean of Women — part-time Assistant.....	2 600
<i>Total, annual amount.....</i>	<u>\$ 707 500</u>
	<u>× 2</u>
<i>Total for the Biennium.....</i>	<u>\$1 415 000</u>

#### Schedule C — Increases to Put New Buildings into Operation

	<i>1959-60</i>	<i>1960-61</i>
Medical Research Laboratory — Chicago		
Physical Plant.....	\$ 128 600	
Building operation.....	4 000	
<i>Total, Medical Research Laboratory.....</i>	<i>(132 600)</i>	
East Dentistry-Medicine-Pharmacy Building Classroom Addition		
Physical Plant.....	13 350	
Medical Center Steam Plant Addition		
Physical Plant.....	64 000	
Fine and Applied Arts Building and Krannert Art Museum		
Physical Plant.....	75 400	
Museum operation.....	30 600	
<i>Total, Fine and Applied Arts.....</i>	<i>(106 000)</i>	
Physics Building		
Physical Plant.....	69 400	



	1959-60	1960-61
Veterinary Medicine Isolation Unit		
Building operation.....		\$ 33 000
Library Addition		
Physical Plant.....	\$ 26 100	
Building operation.....	3 000	
<i>Total, Library Addition</i> .....	(29 100)	
Biology Building (in addition to 1958-59 funds)		
Physical Plant.....	20 100	
Building operation.....	7 740	
Library.....	3 000	
<i>Total, Biology Building</i> .....	(30 840)	
Institute of Aviation Terminal Building and Tower		
Building operation.....	5 150	
Institute of Labor and Industrial Relations Building		
Physical Plant.....		21 230
Additional telephones.....		520
<i>Total, Labor and Industrial Relations Building</i> .....		(21 750)
Health Service Building		
Physical Plant.....		22 350
Building operation.....		8 900
<i>Total, Health Service Building</i> .....		(31 250)
Assembly Hall		
Physical Plant.....		262 000
Other areas.....	20 660	
	\$ 471 100	\$348 000
	X	2
	\$ 942 200	
	348 000	
<i>Total for the Biennium</i> .....	\$1 290 200	

## Schedule D — Summary By Object Classification and Fund

	1957-59 <sup>1</sup>	Change Requested	1959-61
<i>General Revenue</i>			
Personal Services.....	\$ 72 732 700	\$19 188 600	\$ 91 921 300
Travel.....	432 000	68 000	500 000
Contractual Services.....	9 000 000	3 000 000	12 000 000
Commodities.....	3 100 800	1 399 200	4 500 000
Equipment.....	1 400 000	800 000	2 200 000
Retirement Contributions.....	3 241 500	997 200	4 238 700
Permanent Improvements.....	350 000	50 000	400 000
Contingencies.....	5 000	-5 000	
Artificial Appliances and Physical Examinations for Aided Persons....	200 000	50 000	250 000
Hospital and Medical Services.....	2 100 000	300 000	2 400 000
<i>Total, General Revenue</i> .....	\$ 92 562 000	\$25 848 000	\$118 410 000
<i>University Income</i>			
Personal Services.....	\$ 4 090 000	\$ -730 000	\$ 3 360 000
Travel.....	70 000	30 000	100 000
Contractual Services.....	1 000 000		1 000 000
Commodities.....	500 000		500 000
Equipment.....	600 000		600 000
Refunds.....	250 000	75 000	325 000
Awards and Grants.....	440 000	210 000	650 000
Claims under Workmen's Compensa- tion Act.....	50 000	15 000	65 000
Contingencies.....	5 000 000	1 500 000	6 500 000
<i>Total, University Income</i> .....	\$ 12 000 000	\$ 1 100 000	\$ 13 100 000

<sup>1</sup> Includes Gerontological Committee, Horseradish Research, and special appropriation for Agricultural Extension.

*General Revenue and Income Fund  
Combined*

Personal Services.....	\$ 76 822 700	\$18 658 600	\$ 95 281 300
Travel.....	502 000	98 000	600 000
Contractual Services.....	10 000 000	3 000 000	13 000 000
Commodities.....	3 600 800	1 399 200	5 000 000
Equipment.....	2 000 000	800 000	2 800 000
Retirement Contributions.....	3 241 500	997 200	4 238 700
Permanent Improvements.....	350 000	50 000	400 000
Artificial Appliances and Physical Examinations for Aided Persons....	200 000	50 000	250 000
Hospital and Medical Services.....	2 100 000	300 000	2 400 000
Refunds.....	250 000	75 000	325 000
Awards and Grants.....	440 000	210 000	650 000
Claims under Workmen's Compensa- tion Act.....	50 000	15 000	65 000
Contingencies.....	5 005 000	1 495 000	6 500 000
<i>Total, General Revenue and Income Fund.....</i>	<i>\$104 562 000</i>	<i>\$26 948 000</i>	<i>\$131 510 000</i>

**INSTITUTION FOR TUBERCULOSIS RESEARCH BIENNIAL  
OPERATING BUDGET FOR 1959-61**

(2) 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 1959-61 amounting to \$71,150 for each year, or \$142,300 for the biennium. This is an increase of \$22,020 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 .....	\$ 5 020
Increases in expense and equipment.....	4 000
To improve the educational program (staff for studying method of preserving BCG vaccine at room temperatures).....	13 000
<i>Total.....</i>	<i>\$22 020</i>

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. Herrick, this budget was approved by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

**APPOINTMENT OF HEAD OF DEPARTMENT OF PHYSIOLOGY  
IN THE COLLEGE OF MEDICINE**

(3) The Dean of the College of Medicine and the Vice-President in charge of the Chicago Professional Colleges recommend the appointment of Dr. Arnold V. Wolf as Professor of Physiology on indefinite tenure and Head of the Department of Physiology in the College of Medicine beginning December 1, 1958, at an annual salary of \$16,600 on "Y" basis.

This appointment is to fill the vacancy created by the resignation of Dr. G. E. Wakerlin on April 1, 1958, to become Medical Director of the American Heart Association. In the meantime, Dr. W. V. Whitehorn has been serving as Acting Head. The nomination of Dr. Wolf has been made after careful study by a search committee of the qualifications of candidates for the headship and consultation with members of the department of professorial rank. The Vice-

President and Provost and the Dean of the Graduate College concur in this appointment.

I recommend approval.

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

#### APPOINTMENTS TO THE FACULTY

(4) 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. ALAN J. BARRY, Assistant Professor of Physical Education for Men, beginning September 1, 1958, at an annual salary of \$6,500 (B).
2. HAROLD H. BEATY, Professor of Agricultural Engineering, beginning November 1, 1958, at an annual salary of \$11,500 (C, E, S—AY).
3. ROBERT E. JONES, Lecturer with rank of Assistant Professor, in the Department of Psychology, beginning September 1, 1958, without salary (DY).
4. ROBERT LANNIGAN, Lecturer with rank of Associate Professor, in the Departments of Medicine and Pathology, for one year from January 1, 1959, at a salary of \$8,000 (FY).
5. RICHARD E. MARCUS, Clinical Assistant Professor of Otolaryngology, beginning November 1, 1958, without salary (DY).
6. MARTIN M. ROSNER, Assistant Professor of Pharmacy Administration, beginning September 1, 1958, at an annual salary of \$6,500 (D).
7. GENE C. SHOVE, Associate Professor of Agricultural Engineering, beginning November 1, 1958, at an annual salary of \$9,000 (C-AY38; S-AY62).
8. EDWARD B. TITCHENER, Assistant Professor of Biological Chemistry, in the College of Medicine, beginning September 1, 1958, at an annual salary of \$8,000 (DY).

#### Nonacademic Appointments

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

1. MARY ALICE JOHNSTON, Dietitian in the Research and Educational Hospitals, at the rate of \$5,000 per annum, effective September 8, 1958.
2. ELEANOR W. McCULLY, Food Service Supervisor in the Research and Educational Hospitals, at the rate of \$4,200 per annum, effective September 15, 1958.
3. SANDRA L. NEWLING, Food Service Supervisor in the Student Residence Halls, at the rate of \$3,420 per annum, effective September 2, 1958.

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

#### ADVISORY COMMITTEE FOR THE COLLEGE OF VETERINARY MEDICINE

(5) The Dean of the College of Veterinary Medicine recommends the reappointment of Mr. Russell V. McKee, Washburn, Illinois, as a member of the College of Veterinary Medicine Advisory Committee for the period of two years beginning September 1, 1958.

I concur.

On motion of Mrs. Watkins, this appointment was approved.

#### ADVISORY COMMITTEE FOR INSTITUTE FOR RESEARCH ON EXCEPTIONAL CHILDREN

(6) The Director of the Institute for Research on Exceptional Children recommends the following reappointments to the Advisory Committee of the Institute for Research on Exceptional Children for three years beginning September 1, 1958: Professor James E. Hulett, Department of Sociology and Anthropology, representative of the University, and Mr. Harry McClintock, Assistant Director of the Department of Public Welfare, representative of the Department of Public Welfare.

The Board of Trustees on July 16, 1952 (Minutes, page 5) approved the plan for the organization of the Institute which includes an Advisory Committee consisting of three representatives from the University, two from the

Department of Public Welfare, and two from the Department of Public Instruction, each appointed for a three-year term.

The Dean of the College of Education and the Vice-President and Provost endorse these nominations.

I recommend approval.

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

#### APPROPRIATIONS BY ATHLETIC ASSOCIATION

(7) The Board of Directors of the Athletic Association has approved the following appropriations: \$3,000 for services of the Alumni Association and \$4,000 for replacement of two trucks.

Confirmation of these appropriations is requested.

On motion of Mr. Hughes, 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. Department of Animal Science, purchase of truck.....	\$ 3 343 00
2. Department of Mining and Metallurgical Engineering, remodeling in the Mining Laboratory.....	10 000 00
3. Department of Physiology, purchase of X-ray machine and auxiliary equipment.....	8 700 00
4. School of Music, purchase of equipment.....	4 000 00
5. Department of Entomology, remodeling and laboratory equipment for Room 311 Harker Hall.....	4 160 00
6. Library of Medical Sciences, Chicago Professional Colleges, for budgetary deficiencies.....	4 000 00
7. Chicago Undergraduate Division Library, acquisition of books and periodicals.....	3 000 00
8. Urbana Library, acquisition of books.....	20 000 00
9. Physical Plant Department, removal of diseased trees.....	15 000 00
10. Physical Plant Department, improvement of Lincoln Avenue and Nevada Street.....	16 790 04
11. College of Physical Education, for construction of the Sports Psychology Laboratory and Health, Safety, and Driver Education Laboratory.....	5 380 00
This is supplementary to a previous assignment of \$20,000 made last year of which \$7,500 remains unexpended. It is recommended that the unexpended balance be made available for the project.	
12. Research and Educational Hospitals, installation of security screens.....	3 700 00
<i>Total</i> .....	\$98 073 04

I concur.

On motion of Mr. Johnston, these appropriations were made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

#### HOUSING CONSTRUCTION PROGRAM

(9) On November 21, 1957, the Board of Trustees authorized the consolidation of six projects into a program to be covered by a single bond issue. The Housing and Home Finance Agency had given preliminary approval to a loan of \$6,828,000 to cover approximately half the cost of the entire program.

After analyzing the enrollment for 1957-58, it was determined that construction of additional units of the Men's Residence Halls, a Graduate Student Residence Hall, and two hundred and fifty apartment units should be deferred, and a revised application was submitted to the Housing and Home Finance Agency for the Central Food Stores Building, the Snack Bar and Service Building in the Men's Residence Halls area, and one hundred and twenty apartment

units. Construction bids for these three projects have been received, and the total project budget is \$3,150,000. The Housing and Home Finance Agency has approved a reservation of funds in the amount of \$1,350,000 but has indicated that it will now approve \$1,525,000 since construction costs are greater than originally estimated. The remainder of the \$3,150,000 will be provided from a public offering of bonds.

The Graduate Student Residence Hall has been resubmitted to the Housing and Home Finance Agency as a separate project. Decision on the time schedule for the Men's Residence Halls and two hundred and fifty apartments will be deferred until further studies of enrollment estimates are completed.

The bonds should be sold, if possible, prior to the November meeting of the Board. Accordingly, I recommend: (a) confirmation of the above actions; (b) that the Executive Committee be authorized to sell the bonds to the bidder offering the lowest net interest cost to the University; and (c) that the Executive Committee be authorized to award construction contracts when the bonds have been sold.

On motion of Mr. Bissell, these recommendations were approved by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

#### FINANCING OF CONSTRUCTION OF PARKING LOTS

(10) It is necessary that the Board of Trustees adopt a formal resolution implementing its action of July 29, 1958, authorizing the construction of parking lots on the campus at Urbana-Champaign. The improvements will be financed through a bank loan secured by the University of Illinois Foundation. The Foundation will acquire title to the lots and will lease them to the University until the loan has been paid, when title will revert to the University.

It was anticipated that interest on this loan would be  $3\frac{1}{2}$  per cent, but the Foundation has received a ruling from the Bureau of Internal Revenue that interest in its obligations is exempt from federal income tax and as a result the First National Bank of Chicago has agreed to reduce the interest rate on the loan from  $3\frac{1}{2}$  per cent to 2 per cent.

Mr. Williamson offered the following resolution and moved its adoption.

#### Resolution

WHEREAS, this Board of Trustees of the Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, which public corporation is hereinafter referred to as "University," at a regular meeting of this Board of Trustees held on July 29, 1958, approved in principle a parking lot program then outlined to it; and

WHEREAS, pursuant thereto, an agreement was entered into, in the name and on behalf of University under date of October 15, 1958, by the Comptroller and Secretary of University with University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, hereinafter referred to as "Foundation," whereby University agreed to convey the premises therein described to Foundation by good and sufficient Warranty Deed; Foundation agreed to pay to University the sum of \$440,000 upon such transfer of title; Foundation agreed to borrow said sum from the First National Bank of Chicago; Foundation agreed to lease back the properties so sold for an original term extending from the date of transfer of title through June 30, 1959, and automatically renewed for subsequent two-year periods thereafter unless written notice to the contrary from University to Foundation is given sixty (60) days prior to June 30, 1959, or prior to the end of any subsequent biennial period; University agreed to pay to Foundation an annual rental of Ninety Thousand Dollars (\$90,000) payable Forty-Five Thousand Dollars (\$45,000) on April 15, 1959; Forty-Five Thousand Dollars (\$45,000) payable on October 15, 1959; and Forty-Five Thousand Dollars (\$45,000) on each April 15 and October 15 thereafter until Foundation's indebtedness to the First National Bank of Chicago, including interest, incurred for this purpose, has been liquidated; University agreed to keep the parking lots

in good condition and repair; University agreed that in the event of any default by University in the payment of rental all rights of University in and to the premises should terminate; and Foundation agreed that, upon liquidation of its indebtedness to the First National Bank of Chicago incurred for the purpose of this agreement, it would reconvey said property to University by good and sufficient Warranty Deed; and

WHEREAS, pursuant to said agreement:

A. University of Illinois Foundation entered into a loan agreement with the First National Bank of Chicago, dated October 15, 1958, providing for a loan in the sum of \$440,000, secured by serial promissory notes of Foundation bearing maturities and interest at the rates set forth in said loan agreement; a copy of the loan agreement is on file with the Secretary of University;

B. The Comptroller and Secretary of University executed and acknowledged in the name and on behalf of University a Warranty Deed dated October 14, 1958, and delivered it to Foundation on October 15, 1958, conveying to Foundation in consideration of the sum of \$440,000, title to the following described property:

Beginning at a point 345.35' East of and 46.63' S 0° 02' E of the North  $\frac{1}{4}$  corner of Section 18, T. 19 N., R. 9 E. of the 3rd P. M., thence S 0° 02' E 747.50'; thence N 89° 58' E 61.00'; thence N 0° 02' W 747.50'; thence S 89° 58' W 61.00' to the place of beginning, said tract containing 1.05 acres more or less, and all situated in the City of Urbana, County of Champaign, State of Illinois;

Also, beginning at a point 170.23' North of and 27.79' S 89° 59' E of the SW corner of the SE  $\frac{1}{4}$  of Section 7, T. 19 N., R. 9 E. of the 3rd P. M., thence North 69.07'; thence S 89° 49' E 73.47'; thence N 0° 08' W 78.52'; thence S 89° 45' E 285.08'; thence S 0° 20' W 51.21'; thence S 89° 46' E 86.54'; thence S 0° 01' W. 43.18'; thence N 89° 59' W 110.09'; thence S 0° 01' W 38.20'; thence N 89° 59' W 5.72'; thence N 0° 01' E 2.50'; thence N 89° 59' W 30.78'; thence S 0° 01' W 2.50' thence N 89° 59' W 8.50'; thence S 0° 01' W 14.00'; thence N 89° 59' W 49.30'; thence N 0° 01' E 3.00'; thence N 89° 59' W 54.22'; thence S 0° 01' W 2.80'; thence N 89° 59' W 46.63'; thence N 0° 01' E 8.55'; thence N 89° 59' W 53.16'; thence S 0° 01' W 8.48'; thence N 89° 59' W 86.84' to the place of beginning, said tract containing 1.11 acres more or less, and all situated in the City of Urbana, County of Champaign, State of Illinois;

Also, beginning at a point 381.14' North of and 421.33' East of the SW corner of the SE  $\frac{1}{4}$  of Section 7, T. 19 N., R. 9 E. of the 3rd P. M., thence N 0° 11' E 391.56'; thence S 89° 49' E 51.00'; thence S 0° 11' W 195.88'; thence N 89° 49' W 16.00'; thence S 0° 11' W 16.89'; thence S 89° 49' E 16.00'; thence S 0° 11' W 178.79'; thence N 89° 49' W 51.00' to the place of beginning, said tract containing 0.452 acres more or less, and all situated in the City of Urbana, County of Champaign, State of Illinois;

Also, beginning at a point 30.24' South of and 51.58' S 89° 37' E of the intersection of the centerlines of Gregory Drive and South Fourth Street, thence S 0° 03' W 52.74'; thence S 89° 57' E 17.50'; thence N 0° 03' E 7.98'; thence S 89° 37' E 240.58'; thence N 0° 28' E 44.75'; thence N 89° 37' W 258.38' to the place of beginning, said tract containing 0.274 acres more or less, and all situated in the City of Champaign, County of Champaign, State of Illinois;

Also, beginning at a point 30.24' South of and 317.93' S 89° 37' E of the intersection of the centerlines of Gregory Drive and South Fourth Street, thence S 0° 23' W 67.75'; thence S 89° 37' E 205.51'; thence N 0° 23' W 67.75'; thence N 89° 37' W 205.51' to the place of beginning, said tract containing 0.32 acres more or less, and all situated in the City of Champaign, County of Champaign, State of Illinois;

Also, beginning at a point 397.62' South of and 46.03' S 89° 35' E of the intersection of the centerlines of Gregory Drive and South Fourth Street, thence North 51.64'; thence S 89° 33' E 261.81'; thence S 0° 24' W 51.44'; thence N 89° 35' W 261.38' to the place of beginning, said tract containing

0.310 acres more or less, and all situated in the City of Champaign, County of Champaign, State of Illinois;

Also, beginning at a point 86.59' South of and 32.46' S 89° 57' W of the intersection of the centerlines of West Oregon Street and South Mathews Avenue, thence S 89° 57' W 97.94'; thence N 0° 56' E 111.09'; thence S 88° 58' E 40.99'; thence N 0° 57' E 118.92'; thence N 89° 20' W 14.51'; thence N 1° 04' E 37.63'; thence N 89° 20' W 23.59'; thence N 0° 59' E 90.38'; thence S 89° 03' E 88.72'; thence S 0° 03' E 355.99' to the place of beginning, said tract containing 0.653 acres more or less, and all situated in the City of Urbana, County of Champaign, State of Illinois;

Also, beginning at a point 783.35' South of and 31.83' S 89° 51' E of the intersection of the centerlines of West Oregon Street and South Mathews Avenue, thence N 0° 07' E 152.25'; thence S 89° 51' E 139.00'; thence S 0° 07' W 152.25'; thence N 89° 51' W 139.00' to the place of beginning, said tract containing 0.49 acres more or less, and all situated in the City of Urbana, County of Champaign, State of Illinois;

Also, beginning at a point 256.30' South of and 55.50' N 89° 24' W of the NE corner of Section 24, T. 19 N., R. 8 E. of the 3rd P. M., thence N 89° 24' W, 256.15'; thence South 641.56'; thence S 89° 34' E, 256.39'; thence North 640.86' to the place of beginning, said tract containing 3.77 acres more or less, and all situated in the City of Champaign, County of Champaign, State of Illinois;

Also, beginning at a point S 89° 22' W, 742.19', measured along the centerline of Florida Avenue, and S 0° 34.9' W, 55.00' from the NE corner of Section 19, T. 19 N., R. 9 E. of the 3rd P. M., thence S 89° 22' W, parallel to the centerline of Florida Avenue, 387.50', thence S 0° 34.9' W 409.75', thence N 89° 22' E 387.50', thence N 0° 34.9' E 409.75' to the point of beginning, said tract containing 3.64 acres more or less, and all situated in the County of Champaign, State of Illinois,

*Now, Therefore, Be It, and It Hereby Is, Resolved* by this Board of Trustees of the Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the action taken in the name and behalf of said public corporation by its Comptroller and Secretary in entering into and the execution of said Agreement dated October 15, 1958, with Foundation providing for the parking lot financing program; the execution, acknowledgment and delivery of said Warranty Deed dated October 14, 1958, conveying the hereinabove described premises to Foundation; the acceptance and receipt of said sum of Four Hundred Forty Thousand Dollars (\$440,000) in consideration for said Warranty Deed; the entering into and execution of said Lease dated October 15, with Foundation providing for the leasing of the hereinabove described premises; and other actions taken in the name and on behalf of said public corporation by its Comptroller and Secretary in connection with the parking lot financing program are each and all hereby confirmed and ratified by this Board of Trustees.

This resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

#### **ELECTRICAL SERVICE TO THE MEDICAL RESEARCH LABORATORY**

(11) The construction of the Medical Research Laboratory building has progressed to the point where it is now necessary to make arrangements with the Commonwealth Edison Company for the supplying of electrical service to the building.

The University should take advantage of the lower rates available under the "multiple service and combined billing" arrangement previously approved by the Board of Trustees for the Chicago Professional Colleges campus (Minutes, July 25, 1950, page 25). Certain items of underground and vault equipment required to furnish service under this arrangement must be supplied by the Commonwealth Edison Company at a cost to the University of \$7,609. This cost will be amortized at the lower rate in approximately three years.

In addition, the University will be obligated for meter and transformer rental for this building at a cost of \$710.95 a month. The rental cost is the amount that the University would pay even if it were not taking advantage of the "multiple service and combined billing" arrangement.

Funds are available in the state capital appropriation for the construction of the building for the payment of \$7,609, covering the additional facilities, and in the operating budget of the Physical Plant Department for the payment of meter rentals.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend that agreements be entered into with the Commonwealth Edison Company to provide for the installation of the underground and vault equipment and cables necessary to furnish service under the proposed arrangement.

Approval is also recommended for the meter and transformer rentals of \$710.95 a month.

I concur and recommend that the Comptroller be authorized to execute the necessary agreements after approval by the Legal Counsel.

On motion of Mr. Hughes, this recommendation was approved.

#### **ADDITION TO CONTRACT FOR MEDICAL RESEARCH LABORATORY**

(12) The Director of the Physical Plant, the Vice-President and Comptroller, and the Vice-President in charge of the Chicago Professional Colleges recommend an increase of \$5,774 in the contract with the George Sollitt Construction Company, 109 North Dearborn Street, Chicago, Illinois, for the construction of the Medical Research Laboratory on the Chicago Professional Colleges campus.

The work will consist of changes resulting from redesign of the area to house X-ray equipment, mainly increases in the capacity of the electrical feeders and protective and switching equipment. The Laboratory was originally designed to provide service for the present X-ray equipment of 200 milliamperes. It was decided that the old machine would not be satisfactory and that a new 500-milliamper machine should be purchased.

Funds are available in the state and federal appropriations for the construction of the Medical Research Laboratory.

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

On motion of Mrs. Watkins, this recommendation was approved.

#### **ADDITION TO CONTRACT FOR FINE AND APPLIED ARTS BUILDING**

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$3,356.28 in the contract with Kuhne-Simmons Company, Inc., Champaign, Illinois, to revise the connection to the sanitary sewer at the Fine and Applied Arts Building site.

The contract drawings showed the gravity flow sanitary sewer running under the steam tunnel. Upon excavation it was discovered that the invert elevation of the steam tunnel is lower than the invert elevation of the sanitary sewer, which runs parallel and south of it. Therefore, it is necessary to construct a siphon system and modify a sewer arrangement.

The cost estimates have been checked by the architects and by the Physical Plant Department and found reasonable. Funds are available in the state appropriation for the construction of the Fine and Applied Arts Building.

I concur.

On motion of Mrs. Holt, this recommendation was approved and the Comptroller was authorized to execute the change in the contract.

#### **ADDITIONS TO CONTRACT FOR PHYSICS BUILDING**

(14) The Head of the Department of Physics, the Director of the Physical Plant, and the Vice-President and Comptroller recommend additions to the contract with the Mayfair Construction Company, Chicago, for construction of the first unit of the Physics Building, to provide for installation of acoustical ceiling tile and vinyl asbestos floor tile in certain areas at an additional cost of \$11,683.85 and \$6,313.38 respectively.



No provision for floor and ceiling covering was made in the specifications, since these items could be deferred until it was determined that funds would be available in the state appropriation for the construction of the Physics Building.  
I concur.

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

#### FORD FOUNDATION GRANT FOR GRADUATE TRAINING FOR ENGINEERING TEACHERS

(15) The Ford Foundation has made a grant of \$207,000 to the University of Illinois to be used over a period of approximately four years for an experiment in graduate education for potential engineering teachers. This grant has been made in response to a proposal for a fellowship-intern program transmitted by the College of Engineering with the approval of University officials.

The plan in general provides that in each of three years, five two-year fellowships in mechanical engineering and five in electrical engineering for study in the corresponding departments at the University of Illinois will be given to qualified recent graduates who hold Bachelor of Science degrees in engineering and are interested in teaching careers in engineering colleges. The program of study followed will last two years and will include completion of the regular requirements for the Master of Science degree, with special emphasis on the engineering sciences; seminars in education and technology; and experimental teaching under the guidance of a well-qualified and experienced teacher. Approximately \$164,400 of the grant will finance the fellowships and tuition fees; the remaining portion will include funds for two part-time faculty supervisors, stenographic and clerical help, special lecturers, and other expenses incurred in connection with the program.

I have accepted this grant and report it for the record.

This report was received for record.

#### PURCHASES

##### Purchase Authorized

(16) The following purchase was approved by the Vice-President and Provost, acting for the President, pursuant to authorization by the Board of Trustees to act on recommendations for purchases under International Cooperation Administration Contracts. The purchase will be from funds supplied by the International Cooperation Administration under its contract with the University for educational services to institutions of higher education in India.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One spectrophotometer model DU with accessories	International Cooperation Administration Contracts	Fisher Scientific Co. New York, N.Y.	\$5 166 25 f.a.s. New York, N.Y.
One centrifuge, high speed (23,000 r.p.m.), 220 volt, 50 cycle; export packed for ocean shipment			

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

##### Purchases Recommended

The Director of Purchases has proposed and the Vice-President and 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 model I-330 International tractor including loader and backhoe with 24 in. bucket; less trade-in allowance for one Ford Model 8N tractor with loader	Institute of Aviation	International Harvester Co., Lincoln	\$3 540 00 f.o.b. delivered
One preparative ultracentrifuge and accessories, consisting of three rotors	Biochemistry	Spinco Division, Beckman Instrument Co., Belmont, Calif.	6 655 00 delivered
One Raytheon ultrasonic impact grinder with tool cone kit, and six lbs. of boron carbide	Control Systems Laboratory	Raytheon Manufacturing Co., Waltham, Mass.	3 016 80 f.o.b. Waltham, Mass.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Development of a prototype line of two millimeter wave equipment	Electrical Engineering	F-R Machine Works, Inc., Woodside, N.Y.	\$69 500 00 (maximum)
One Varian model V-4012-3B twelve-inch laboratory electromagnet	Electrical Engineering	Varian Associates, Palo Alto, Calif.	18 380 00 f.o.b. Palo Alto, Calif.
One model V-2100B regulated magnet power supply for use with the V-4012-3B			
One model V-2101 voltage regulator for use with the V-2100B			
One lot laboratory apparatus and equipment	General Chemical Stores	Schaar & Co., Chicago	14 231 51 f.o.b. Urbana
One electrophoretic apparatus and accessories	Medicine/Surgery	American Hospital Supply Corp., Evanston	3 180 00 delivered
Preparation of sixteen experimental gold and copper base alloys	Physics	Battelle Memorial Institute, Columbus, Ohio	2 700 00 (maximum)
Professional services required for development and production of weekly University of Illinois market buy program conducted in the Chicago area by the Extension Service in Agriculture and Home Economics; services consist of preparation of news copy and mats, mimeographing, clipping service, and mailing material	Extension Service in Agriculture and Home Economics	Newsography-95, Chicago	6 724 00
15 Walnut planters	Housing	Felmley-Dickerson Co., Urbana	4 125 00 f.o.b. delivered
Two rugs, 21 ft. x 27 ft.	Illini Union	Rochelle's, Inc., Chicago	9 252 71 delivered and installed
One rug 21 ft. x 15 ft.			
Three rug runners, 6 ft. x 19 ft. 4 in.			
Two rug runners, 6 ft. x 27 ft.			
One rug runner 6 ft. x 24 ft. 2 in.			
163 1/2 sq. yds., 40 oz. rug pad			
Guided type Venetian blinds to be installed in the Biology Building	Physical Plant	Mackin Venetian Blind Co., Momence	2 948 05 f.o.b. delivered and installed

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

#### COMPTROLLER'S REPORT OF CONTRACTS

(17) The Comptroller's report of contracts executed during the period September 1 to 30, 1958.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Cyanamid Co.	Systemic insecticides for control of insects on wheat	\$ 1 000 00	May 12, 1958
Bethalto Community Unit, District No. 8	School survey	3 250 00	August 18, 1958
Illinois Farm Supply Co.	Improvement of farm tractor maintenance	15 000 00	July 2, 1958
United States Air Force AF 49(638)-466	Study of metal alkyls	24 800 00	September 1, 1958
United States Army DA 19-129-QM-1262	Development of chemical resistant elastomers	25 000 00	August 13, 1958
United States Navy N600(22)-49219	Educational instruction	62 000 00	September 18, 1958
United States Navy Nonr-1834(24)	Action of chemotherapeutic agents	16 493 00	July 1, 1958
United States Navy Nonr-1834(25)	Effect of solute atoms and atmospheres on the susceptibility of subgrain boundaries to corrosion	13 690 00	September 1, 1958
Wisconsin-Minnesota Cooperative Bull Stud Group	Electronic measurement of the motility of the spermatozoa of the bull	15 000 00	July 1, 1958

#### Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
John Deere Plow Co.	One No. 45 combine with 10 ft. platform	\$ 503 73 annually	September 3, 1958

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Eversman Manufacturing Co.	One model No. 329D land leveler with spring-tooth attachment; one No. PD6 ditcher and pan-breaker	\$ 118 10 annually	August 22, 1958

**Contract Changes**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Cyanamid Co.	Amino triazole and other compounds as selective weed killers in crops	\$ 1 000 00	July 28, 1958
Bendix Products Division, Bendix Aviation Corp.	Thermal diffusivity and elastic moduli of ceramic-metal combinations	10 749 12	September 23, 1958
Merck and Co., Inc.	Growth stimulants for swine	3 000 00	September 3, 1958
Midwest Dried Milk Co., Inc.	Evaluation of whey products in feed formulas for swine and whey protein evaluation studies with rats	2 600 00	August 25, 1958
Smith, Kline, & French Laboratories	Potential nematocidal compounds	6 000 00	September 23, 1958
State of Illinois, Department of Public Welfare	Child behavior and parent-child interaction patterns	1 300 00	July 1, 1958
Tee-Pak Foundation	Various types of films as retardants to deterioration of meat and meat products	3 500 00	July 24, 1958
United States Army DA-11-022-ORD-1980	Tool flank wear	15 747 00	September 17, 1958
United States Army DA-11-022-ORD-1983	Problems relating to the synthesis of one and two terminal-park networks	15 518 00	September 17, 1958
United States Army DA-11-177-AV-582	Pilot training	7 511 25	July 28, 1958
United States Army DA-49-007-MD-421	Transmission of the common cold under controlled conditions	61 805 00	August 31, 1958
United States Navy Nour-1834(18)	Variety of topics in number theory	12 980 00	August 1, 1958
VioBin Corp.	Nutritive evaluation of defatted fishmeal for swine	1 500 00	September 1, 1958

**Adjustments Made in 1958-59 Cost-Plus Contract**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Twelve items: \$30.00 to \$1,983.00	\$ 3 217 00	August and September, 1958

This report was received for record.

**DIRECTOR OF CONTROL SYSTEMS LABORATORY**

(18) The Dean of the College of Engineering recommends the appointment of Dr. Daniel Alpert, Research Professor in Physics and Technical Director of the Control Systems Laboratory, as Research Professor on indefinite tenure and Director of the Control Systems Laboratory beginning July 1, 1959, at an annual salary of \$20,000 on "Y" basis. The appointment as Director will be on a year-to-year basis, the initial appointment to be for the two months beginning July 1.

The Vice-President and Provost and the Dean of the Graduate College concur in this appointment which is to replace Professor F. W. Loomis who will retire as Director at the end of the current fiscal year.

I recommend approval.

On motion of Mr. Johnston, this appointment was approved.

Vice-President and Provost Ray presented a statement concerning the services of Professor Loomis.

On motion of Mrs. Watkins, the Secretary was requested to convey to Professor Loomis an expression of the Board's appreciation of his distinguished services.

**BUILDING PROGRAM FOR 1959-61**

Mr. Williamson, for the Committee on Buildings and Grounds, presented the following:

The University's building program for 1959-61 was approved by the Board of Trustees on July 29, 1958, for filing of estimates with the State Department of Finance of the appropriations required for the two years beginning July 1, 1959. State law requires the filing of such estimates not later than November 1. The building program includes a provision of \$3,500,000 for the acquisition of land for the relocation of the Chicago Undergraduate Division, subject to revision of this estimate after final selection of a site.

The report of the Real Estate Research Corporation reduces to four the number of sites under consideration for the Chicago Undergraduate Division. Consultation as to cost and availability of the land necessary for a final selection can not be completed before January, 1959. Since the site decision can not be made until January, it is recommended that dollar estimates of site acquisition costs be excluded from the estimates to be filed with the State Department of Finance, with the statement that this figure will be submitted after final site selection has been made. It is the intention of the Board of Trustees that an estimate will be submitted in time to be included as a part of the regular budget request for capital expenditures for 1959-61.

On motion of Mr. Williamson, the building program for 1959-61 was amended accordingly.

**SECRETARY'S REPORTS**

The Secretary presented for record the following lists: (1) degrees conferred; (2) appointments made by the President; (3) graduate fellows; (4) resignations and declinations; (5) leaves of absence.

**DEGREES CONFERRED**

The Secretary presented for record the following lists of degrees conferred at Urbana on October 15, 1958, and at the Chicago Professional Colleges on the dates indicated.

**Summary**

Degrees in the Graduate College, conferred at Urbana:

Doctor of Philosophy.....	131
Doctor of Education.....	10
Master of Arts.....	14
Master of Science.....	43
Master of Music.....	3
Master of Education.....	1
Master of Laws.....	1
<i>Total, Graduate College.....</i>	<i>(203)</i>

Degree in Veterinary Medicine, conferred at Urbana:

Bachelor of Science.....	1
--------------------------	---

Baccalaureate Degrees, conferred at Urbana:

Bachelor of Science, College of Agriculture.....	1
Bachelor of Science, College of Engineering.....	6
Bachelor of Arts, College of Liberal Arts and Sciences.....	8
Bachelor of Science, College of Liberal Arts and Sciences.....	6
Bachelor of Science, College of Education.....	2
Bachelor of Science, College of Commerce and Business Administration..	8
Bachelor of Science, College of Journalism and Communications.....	1
Bachelor of Architecture, College of Fine and Applied Arts.....	3
Bachelor of Arts, College of Fine and Applied Arts.....	2
Bachelor of Science, College of Fine and Applied Arts.....	1
Bachelor of Science, College of Physical Education.....	1
Bachelor of Science, Division of Special Services for War Veterans....	1
<i>Total, Baccalaureate Degrees.....</i>	<i>(40)</i>

*Total, Degrees Conferred at Urbana.....* (244)

Degrees in the Graduate College, conferred at Chicago:	
Master of Science.....	2
Degrees in Dentistry, conferred at Chicago:	
Bachelor of Science.....	52
Doctor of Dental Surgery.....	6
Total, Dentistry.....	( 58)
Degrees in Medicine, conferred at Chicago:	
Bachelor of Science.....	168
Total, Medicine.....	(168)
Degrees in Nursing, conferred at Chicago:	
Bachelor of Science.....	17
Degrees in Pharmacy, conferred at Chicago:	
Bachelor of Science.....	7
Total, Degrees Conferred at Chicago.....	(252)
Total, Urbana and Chicago.....	496

### *Degrees Conferred at Urbana*

#### GRADUATE COLLEGE

#### Degree of Doctor of Philosophy

##### *In Accountancy*

- BILLY LEE BARNES, B.S., Austin College, 1947; M.B.A., Texas Christian University, 1949  
 WERNER GEORGE FRANK, A.B., M.B.A., University of Chicago, 1950, 1952  
 ROBERT GENE STEVENS, B.S., Southern Illinois University, 1951; M.S., 1954

##### *In Agricultural Economics*

- ALBERT ESTERN DRAKE, B.S., M.S., University of Kentucky, 1950, 1951  
 MARTIN VEIKKO WAANANEN, B.S., Michigan State College, 1950; M.S., 1952

##### *In Agronomy*

- LINDO JOSEPH BARTELLI, B.S., M.S., Michigan State University, 1940, 1952  
 JOSEPH STEPHAN KAHN, B.S., University of California (Berkeley), 1955  
 LOWELL DAVIS OWENS, B.S., University of Nebraska, 1952; M.S., Michigan State University, 1955

##### *In Animal Nutrition*

- LONNIE ROSS HACKLER, B.S., Oklahoma Agricultural and Mechanical College, 1955; M.S., 1957

##### *In Animal Science*

- NEIL WRIGHT BRADLEY, B.S., M.S., University of Kentucky, 1952, 1956

##### *In Bacteriology*

- ROBERT EUGENE COLLIER, B.S., M.S., University of Oklahoma, 1949, 1950  
 EDWARD STANLEY KOS, B.S., Loyola University, 1950; M.S., Marquette University, 1952

##### *In Biophysics*

- THOMAS TURPIN BANNISTER, B.S., Duke University, 1951; M.S., 1953

##### *In Business*

- FRANK GORDON COOLSEN, B.S., Northwestern University, 1937; M.S., 1942  
 GEORGE EDWARD HARTMAN, B.S., University of Kansas, 1950; M.B.A., Indiana University, 1951.

##### *In Chemical Engineering*

- CHARLES RICHARD CUPIT, B.S., Mississippi State College, 1954; M.S., 1956  
 YIH YUN HSU, B.Sc., National Taiwan University, 1954; M.S., 1957

*In Chemistry*

JAY DONALD ALBRIGHT, B.S., Elizabethtown College, 1955  
ROBERT LEE ALBRIGHT, B.S., Elizabethtown College, 1954  
KENNETH DARRELL BERLIN, A.B., North Central College, 1955  
RICHARD WILLIAM BURG, A.B., Wabash College, 1954  
HAROLD FRANCIS CRANDALL, B.S., M.S., University of Maine, 1950, 1952  
EDWARD GEORGE DANIELS, A.B., DePauw University, 1954  
ROBERT KARL GHOLSON, A.B., University of Chicago, 1950; B.S., 1955  
GYNITH COLLEEN GIFFIN, B.S., M.S., University of Wichita, 1953, 1955  
LOUIS RAYMOND HAEFELE, B.S., University of Notre Dame, 1954  
WILLIAM BRIAN HILL, A.B., DePauw University, 1954  
RICHARD MASAYOSHI IKEDA, B.S., Juniata College, 1955  
LAYLIN KNOX JAMES, JR., B.S., M.S., University of Michigan, 1950, 1952  
MALCOLM LAWRENCE JUDD, B.S., Allegheny College, 1954  
EZIO ANTHONY MOSCATELLI, A.B., Columbia University, 1948; M.S., 1949  
ROBERT ELWOOD OBER, B.S., M.S., Ohio State University, 1953, 1955  
WILLIAM ALAN REMERS, B.S., Massachusetts Institute of Technology, 1954  
WILLIAM HARRY RICHARDSON, B.S., University of California (Los Angeles), 1955  
JOHN PAUL SCHAEFER, B.S., Polytechnic Institute of Brooklyn, 1955  
CHARLES DAVID SCHMULBACH, B.S., 1951  
ROBERT GEORGE SCHULTZ, B.S., Massachusetts Institute of Technology, 1954  
CHARLES WILLARD SHUSTER, A.B., A.M., Duke University, 1952, 1955  
JAMES HOWARD SLONEKER, B.S., Illinois State Normal University, 1954  
DORIAN SEVCIK SMITH, B.S., Illinois State Normal University, 1953; M.S., 1956  
CLARENCE ORADIAH STEVENS, A.B., Blackburn College, 1954  
RITA MARLENE UZNANSKI, A.B., Rosary College, 1954  
PHILLIP GLENN WAHLBECK, B.S., 1954  
JAMES DUDLEY WINEFORDNER, B.S., M.S., 1954, 1955  
PETER WING KEE WOO, B.S., Stanford University, 1955

*In Civil Engineering*

ROBERT ALEXANDER COLLINS, B.A.Sc., University of Toronto, 1954; M.S., 1955  
JOSHUA LEVERING MERRITT, JR., B.S., Lehigh University, 1952; M.S., 1955  
GOVINDAPPA NALLAKRISHNAN, Licentiate (Civil Engineering), College of Engineering (Madras), 1950; M.S., 1955  
RODNEY HOWE SMITH, B.S., United States Military Academy, 1953; M.S., 1957

*In Communications*

ELEANOR BLUM, A.B., Mississippi State College, 1930; B.S., Columbia University, 1936; M.S., 1947  
GORDON MERLE KESWICK, B.S., 1949  
HUGH WILLIAMS SARGENT, A.B., Shurtleff College, 1936; A.M., 1937

*In Dairy Science*

MICAH ISAAC KRICHEVSKY, A.B., University of Connecticut, 1952; M.S., 1955  
EMMETT EZEKIEL ORMISTON, B.S., M.S., 1935, 1937

*In Economics*

ROBERT LEE RANDOLPH, A.B., DePauw University, 1948; M.S., 1954

*In Education*

HERBERT FREDERICK BOYD, B.S., M.S., 1949, 1950  
ROBERT HARRIS DEZONIA, B.S., A.M., Memphis State College, 1951, 1955  
MITAT AHMET ENC, B.S., A.M., Columbia University, 1938, 1939  
ROBERT HUGH ENNIS, A.B., University of Wisconsin, 1950; A.M., New York University, 1951  
LORENE CHILDS QUAY, A.B., Southwestern Louisiana Institute, 1951; A.M., Florida State University, 1952  
MOHAMMED YOUNUS QUERESHI, A.B., University of Panjab, 1949; A.M. (Education), A.M., (Psychology), 1954, 1957

HELEN IRENE SNYDER, B.S., Kansas State Teachers College, 1947; A.M., Colorado State College, 1950  
WILLIAM GEORGE WALKER, A.B., A.M., University of Sydney, 1952, 1955

*In Electrical Engineering*

EDGAR CLAY HAYDEN, B.E.E., Ohio State University, 1943; M.S., 1952  
TUCK HOP LEE, B.S., State University of Iowa, 1949; M.Eng., Yale University, 1950  
PLESSA EDWARD MAST, B.S., M.S., Purdue University, 1948, 1950  
WALTER LEROY WEEKS, B.S., University of Michigan, 1947; M.S., Michigan State University, 1949  
LING YUN WEI, B.S., National Northwestern College of Engineering (China), 1942; M.S., Chiao Tung University, 1946; M.S., 1949

*In English*

JOHN EDGAR DUSTIN, A.B., A.M., Washington University, 1947, 1948; M.S., 1952  
JOHN DENNY FISCHER, A.B., St. Ambrose College, 1953; A.M., 1954  
SONIA MILLER, A.B., 1933; A.M., Middlebury College, 1942  
AHMAD HASAN QURESHI, A.B., Government College (Ludhiana), 1945; A.M., Government College (Lahore), 1949; A.M., 1955

*In Entomology*

WILLIAM KERLIN DELAPLANE, JR., B.S., Purdue University, 1938; A.M., University of Missouri, 1940

*In Food Technology*

KARAKIAN BEDROSIAN, B.S., University of Massachusetts, 1954; M.S., Cornell University, 1956  
HORACE DELBERT GRAHAM, B.S., McGill University, 1950; M.S., Michigan State University, 1952  
VENKATACHALAM RAMANATHAN, B.S., University of Travancore, 1951; B.S. (Tech.), University of Bombay, 1953

*In French*

JAY PAUL MINN, A.B., DePauw University, 1947; A.M., 1948

*In Geography*

RONALD MURRAY BEVERIDGE, A.B., Harvard University, 1949; A.M., 1951  
JAMES EDWARD PATTERSON, A.B., Michigan State University, 1942; A.M., 1951

*In Geology*

JAMES WATSON BAXTER, B.S., M.S., University of Arkansas, 1950, 1952  
FREDERICK WILLIAM CROPP III, A.B., College of Wooster, 1954; M.S., 1956  
JOHN KERBY ECCLES, B.S., University of Manitoba, 1951; M.S., Washington State College, 1954  
FLOYD MICHAEL WAHL, A.B., DePauw University, 1953; M.S., 1957

*In German*

ERWIN WILLIAM GOESSLING, A.B., 1938; A.M., Tulane University, 1939

*In History*

JOHN RAATJES, A.B., Roosevelt College, 1952  
GUNTHER ERIC ROTHENBERG, B.S., 1954; A.M., University of Chicago, 1956  
NATHAN SMITH, A.B., Roosevelt University, 1951; A.M., 1952  
ALTHEA LUCILLE STOECKEL, A.B., Shurtleff College, 1942; A.M. (Education), A.M. (History), 1948, 1949  
DAVID ASHER WAAS, B.S., Manchester College, 1947; A.M., 1949

*In Horticulture*

WILLY MASAO IRITANI, B.S., University of Minnesota, 1951; M.S., University of Idaho, 1953

*In Mathematics*

MARVIN ISADORE KNOFF, B.S., A.M., 1954, 1955

RALPH NEWELL TOWNSEND, B.S., Illinois Wesleyan University, 1953; M.S., 1955

*In Metallurgical Engineering*

JOSEPH BRANCH DARBY, JR., B.S., College of William and Mary, 1948; B.S., Virginia Polytechnic Institute, 1951; M.S., 1955

*In Philosophy*

MARVIN LEON EASTERLING, A.B., Greenville College, 1946; A.M., 1947

*In Physical Education*

LAWRENCE ARTHUR GOLDING, B.S., M.S., 1950, 1953

HAROLD PARK WELLS, B.S., Springfield College, 1948; M.S., 1950

*In Physics*

THEODORE GRANT CASTNER, JR., B.Eng.Phys., Cornell University, 1953; M.S., 1955

DANIEL LORENZO DECKER, B.S., M.S., Brigham Young University, 1953, 1955

DANIEL MORDECAI GREENBERGER, B.S., Massachusetts Institute of Technology, 1954; M.S., 1956

HAROLD RALPH LEWIS, JR., A.B., B.S., University of Chicago, 1951; 1953; M.S., 1955

DAVID WILLIAM LYNCH, B.S., Rensselaer Polytechnic Institute, 1954; M.S., 1955

GEORGE EDWARD MODESITT, B.S., M.S., 1951, 1951

ROY NORMAN PEACOCK, A.B., A.M., University of Oregon, 1952, 1953

*In Physiology*

LLOYD MILLER BARR, B.S., University of Chicago, 1954; M.S., 1956

NORMAN MELTZER, B.S., Roosevelt College, 1950; M.S., 1953

CORWIN MORRIS MOKLER, A.B., Colorado College, 1950; M.S., University of Nevada, 1952

*In Plant Pathology*

HUGH LeNOIR POTE, A.B., University of Denver, 1950; M.S., Colorado State University, 1955

*In Political Science*

GEORGE FIGURES BRASINGTON, JR., A.B., A.M., Emory University, 1947, 1948

CHARLES ADRIAN JOINER, A.B., A.M., Southern Illinois University, 1954, 1955

FREDERICK CHARLES SPIEGEL, B.S., M.S., Illinois State Normal University, 1949, 1950

*In Psychology*

DAVID ASDOURIAN, A.B., City College of New York, 1954

WILLIAM FREDERICK CROWDER, A.B., A.M., State University of Iowa, 1949, 1950

DAVID JAMES FITCH, B.S., Iowa State College, 1951

GARLIE ALBERT FOREHAND, JR., A.B., University of Richmond, 1954; A.M., 1956

THEODORE ROBERT HUSEK, A.B., 1953

EDWARD ROBERT OSTRANDER, A.B., Syracuse University, 1950; A.M., 1951

HERBERT MARTIN RABIN, A.B., Los Angeles State College of Applied Arts and Sciences, 1952; A.M., 1956

EDWARD ERNEST WARE, A.B., A.M., University of Richmond, 1952, 1954

JOSEPH ROBERT WILLIAMS, B.Ed., Southern Illinois University, 1934; A.M., 1937

*In Sociology*

MELVIN THEODORE BOBICK, A.B., A.M., 1948, 1952

HYMAN HENRY FRANKEL, B.S., M.S., 1947, 1948



JOHN CAMPBELL OSOINACH, B.S., Cornell University, 1940; A.M., 1953  
 ARNOLD ANTHONY SIO, A.B., Beloit College, 1944; A.M., University of Chicago, 1946; A.M., 1950

*In Speech*

WILLIAM ROSS CARMACK, JR., A.B., Abilene Christian College, 1951; A.M., Florida State University, 1953  
 LUCILLE MARIE MAGNON, A.B., Southwestern Louisiana Institute, 1950; A.M., 1951  
 DAVID BOYD STROTHER, A.B., Georgetown College, 1950; A.M., Northwestern University, 1951

*In Theoretical and Applied Mechanics*

ROBERT WESLEY SHREEVES, B.S., Drexel Institute of Technology, 1954; M.S., 1956

*In Zoology*

CHARLES LORING BURGER, JR., B.S., M.S., 1950, 1951  
 DAVID LEE LANGEBAEDEL, A.B., M.S., 1950, 1951  
 LESLIE GERARD SWARTZ, B.S., M.S., 1953, 1954  
 GEORGE CURTISS WEST, A.B., Middlebury College, 1953; M.S., 1956

**Degree of Doctor of Education**

*In Education*

INDIMIUN DANIEL BAKER, B.S., Greenville College, 1933; M.S., 1940; Ed.M., 1947  
 FERHA BALKIS BAYMUR, A.M., University of Chicago, 1953  
 MYRON ROY BLEE, B.Ed., Northern Illinois University, 1938; A.M., 1939  
 JOHN WESLEY BROEDEL, B.S., M.S., Indiana State Teachers College, 1950, 1956  
 PRISCILLA JACOBS ECCLES, B.S., M.S., 1947, 1952  
 RALPH JOHN ERICKSON, A.B., Concordia College, 1941; A.M., University of Minnesota, 1951  
 LLOYD HUGO HEIDGERD, A.B., Oberlin College, 1941; A.M., Columbia University, 1948  
 FRANK CHANNING NOBLE, JR., B.S., Northern Illinois University, 1951; Ed.M., 1952  
 ROBERT FRANKLIN SEAMAN, B.S., A.M., 1947, 1949

*In Music Education*

GLEN WILLIAMS RIGGIN, B.S., Northwestern State College, 1940; A.M., New York University, 1949

**Degree of Master of Arts**

*In Economics*

RONALD FRANK KORNELL, A.B., 1957  
 OSCAR ANTHONY POLI, A.B., St. Peter's College, 1957  
 FRANK GEORGE STEINDL, A.B., DePaul University, 1957  
 DONALD WILLIAM WAND, A.B., Loras College, 1954

*In Education*

RONALD WILLIAM ADY, A.B., Northwestern University, 1956  
 MALCOLM SKILBECK, A.B., University of Sydney, 1955

*In History*

PETER JOHN KING, A.B., University of Cambridge, 1957  
 KEITH LAVERNE SPRUNGER, A.B., Wheaton College, 1957  
 JOHN THOMAS TREDWAY, A.B., Augustana College, 1957

*In Labor and Industrial Relations*

JAMES EDWARD POWERS, B.S., Northern Illinois University, 1957

*In Philosophy*

KENNETH RONALD PAHEL, A.B., Rollins College, 1957

*In Political Science*

HENRY JULIUS TEUNE, A.B., Central College (Iowa), 1957

*In Sociology*

WILLIAM BASIL STROYEN, A.B., Rutgers University, 1953

*In the Teaching of English*

JOSEPHINE SHELIA KNOPP, A.B., 1956

**Degree of Master of Science***In Accountancy*

MOHAMED NASR HABIB EL-HAWARY, B.Com., Cairo University, 1949  
GARY ROBERT WEST, A.B., Aquinas College, 1957

*In Agricultural Economics*

GERALD DEAN GLASCO, B.S., Southern Illinois University, 1957  
ORVAL GUY KERCHNER, B.S., 1954

*In Agricultural Engineering*

WARREN SMICK HARRIS, B.S., 1949

*In Agronomy*

SAMUEL GRANT CARMER, B.S., Cornell University, 1954  
PAUL EUGENE RIEKE, B.S., 1956  
SCOTT MAXFIELD SAVAGE, B.S., Brigham Young University, 1956

*In Bacteriology*

LUBELLE BOICE, B.S., Stanford University, 1955  
RAMON DON HAMILTON, B.S., University of Detroit, 1954

*In Chemical Engineering*

ARNOLD HERSHMAN, B.S., Case Institute of Technology, 1956  
PERTTI JOHANNES KORPI, M.S., Finland Institute of Technology, 1956

*In City Planning*

ROBERT CHARLES EINSWEILER, B.S., 1953

*In Civil Engineering*

JOHAN ANTON FRIEDERICY, B.S., Swarthmore College, 1955  
JORGE PRINCE ALFARO, Civil Eng., University of Mexico, 1953

*In Dairy Science*

ROGER GORWYN KINGWILL, B.S., The University of Reading, 1956  
BERT WESTON LARK, B.S., University of Rhode Island, 1953

*In Dairy Technology*

POUL MARTIN TROST HANSEN, B.S., Royal Veterinary and Agricultural College  
(Denmark), 1956

*In Economics*

VIVIAN ALINE LEASURE HOPKINS, B.S., 1926

*In Finance*

GROVES JEROME BYERS, A.B., St. Mary's University (San Antonio, Texas), 1955  
CHARLES ANTHONY D'AMBROSIO, B.S., Loyola University, 1955  
GLEN IVAN ROTHBART, B.S., 1957

*In Food Technology*

KENNETH EDWARD SCHROEDER, B.S., 1957

*In Geology*

JOHN ELMER STONE, A.B., Ohio Wesleyan University, 1953  
FRANK BETHEL TITUS, JR., B.S., University of Redlands, 1952  
VALENTINE EDWARD ZADNIK, A.B., Western Reserve University, 1957

*In Horticulture*

JUDITH KETLEY KINGWILL, B.S., The University of Reading, 1957

*In Library Science*

RODNEY JOE FERGUSON, A.B., Wabash College, 1947  
CONSTANCE CLARE JANSSEN, B.Mus., M.Mus., American Conservatory of Music,  
1938, 1941

*In Management*

SHERWOOD GEORGE HUNERYAGER, B.S., 1956  
ROBERT WENDELL SCHRADER, B.S., 1954

*In Marketing*

WARD HUBBARD CASPER, A.B., Elmhurst College, 1954

*In Mechanical Engineering*

JASPER RICHARD WRIGHT, B.S., Tennessee Polytechnic Institute, 1955

*In Physical Education*

RICHARD MORTIMER KING, B.S., Springfield College, 1957  
JACOB WILLEM PASSELIMA, Diploma, Academy for Physical Education (Indonesia), 1954  
CARL NORMAN SEXTON, B.S., Eastern Illinois University, 1953

*In Physiology*

JEANNE NELSON DIAL, B.S., 1956

*In Plant Pathology*

ROBERT THOMAS GUDAUSKAS, B.S., Eastern Illinois University, 1956

*In Radio and Television*

GERALD JAMES CASHMAN, B.S., 1957

*In Theoretical and Applied Mechanics*

FREDERICK NORMAN KRULL, B.S., University of Wisconsin, 1954  
ALAN SELLAR ROSS, B.S., 1957

*In Veterinary Medical Science*

JESSE RONALD PICKARD, B.S., 1940; D.V.M., Kansas State College, 1945  
ROBERT LEE SCHRICKER, D.V.M., Iowa State College, 1952

**Degree of Master of Music**

PATSY ESTELL GUTOR, B.Mus., Baylor University, 1955  
DONALD VERNON PASCHKE, B.S., B.Mus., 1957, 1957  
PATRICIA ANN PRICE, B.Mus., College of Puget Sound, 1956

**Degree of Master of Education**

BLANCHE STOAFAER, B.S., 1945

**Degree of Master of Laws**

FREDERICK LEE MANN, B.S., LL.B., 1955, 1957

**COLLEGE OF AGRICULTURE****Degree of Bachelor of Science**

*In Agriculture*

BENJAMIN RALPH FINNEY

**COLLEGE OF ENGINEERING****Degree of Bachelor of Science**

*In Aeronautical Engineering*

ROSS MURRAY BLUMENFELD

ELDON BOYD MCKINNEY

*In Civil Engineering*

OSCAR GUTIERREZ DE PIÑERES

BENNETT JAMES VASEY

*In Mechanical Engineering*

RICHARD PIERRE REYSA

RONALD GLENN WESTBROOK

**COLLEGE OF LIBERAL ARTS AND SCIENCES****Degree of Bachelor of Arts**

*In Liberal Arts and Sciences*

LESLIE JACK DROSSMAN

MIRIAM MUELLER HUGHBANKS

RICHARD WARREN ERKES

JAMES PATRICK KELLY, JR.

CHRISTA SCHNEIDER HAISTY

JOAN FLORENCE WETZEL

CAROL ADELINE HICKMAN, Honors in  
Liberal Arts and Sciences

*In the Teaching of Social Studies*

RICHARD JAMES MASKOFF

**Degree of Bachelor of Science**

*In Liberal Arts and Sciences*

JON LOWELL CROMLEY

IRWIN SCHILLER

CHARLIE MOON CHEONG KOO

ALFRED ANTHONY SERRITELLA

*In Physics*

LENA CHANG

*In Speech Correction*

JOAN MAKOUTZ CORNELIUS

**COLLEGE OF EDUCATION****Degree of Bachelor of Science**

*In Elementary Education*

GEORGIA MAE DOAK

*In Industrial Education*

WAYNE LEE WEBB

**COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION****Degree of Bachelor of Science***In Accountancy*

FELIKS ZAWADZKI

*In Commerce and Law*MARVIN DAVID MILLS  
RONALD LEE PINSKI

RALPH LESLIE STAVINS

*In Management*

JOHN THOMAS SULLIVAN

*In Marketing*

WILLIAM SHEFFEY BAILEY

*In Secretarial Training*

BETTY JANE JURASITZ

CAROL LEA McELHANY

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

BARBARA ANN KEELER

**COLLEGE OF FINE AND APPLIED ARTS****Degree of Bachelor of Architecture**SALVATORE JOSEPH BALSAMO  
DONALD LEWIS KUHN

PHILIP JOSEPH LEMBO

**Degree of Bachelor of Fine Arts***In Art Education*

YETTA SKOLNICK FREEDMAN, High Honors BERNICE EUGENIA WRIGHT

**Degree of Bachelor of Science***In Music Education*

MARY BIDDLE DAVIS, Honors

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

JAMES STANFORD SKINNER

**DIVISION OF SPECIAL SERVICES FOR WAR VETERANS****Degree of Bachelor of Science**

ALAN BROWNELL JESTER

**COLLEGE OF VETERINARY MEDICINE****Degree of Bachelor of Science***In Veterinary Medicine*

ROBERT RIX PENSINGER

*Degrees Conferred at Chicago***GRADUATE COLLEGE****Degree of Master of Science***(Conferred September 20, 1958)**In Biological Chemistry*

NORMAN WALTER GABEL, B.S., 1955

*In Physiology*

BETSY RASMUSSEN GUYER, B.S., 1948

**COLLEGE OF DENTISTRY****Degree of Bachelor of Science in Dentistry***(Conferred June 20, 1958)*

EDWARD ERWIN ARTZ  
 RICHARD RUNYAN BAKER  
 MARVIN H. BERMAN, A.B., Northwest-  
 ern University, 1956  
 LEO FRANCIS BIESER  
 VICTOR L. BIGFORD, B.S., Emmanuel  
 Missionary College, 1955  
 GLENN FRANCIS BOAS  
 CALVIN WAYNE BORCHARDT, A.B.,  
 Northwestern University, 1956  
 HUGH DERWARD BURKE  
 CHRISTOPHER COSTIS  
 JOHN DAVID COUGHLIN  
 MARION ROBERT CREED  
 RUDOLPH ERMETE DE PALMA, B.S.,  
 Roosevelt University, 1951  
 HAROLD RUBIN DREEBIN  
 ALLEN IRVING DRYSCH  
 ROBERT RAY EHRRICH, A.B., Wabash  
 College, 1956  
 THOMAS EVERETT EMMERING, A.B., 1955  
 DONALD CAMERON FINDLAY, A.B., De-  
 Pauw University, 1956  
 DAVID LESLIE FISHEL  
 IRA MITCHELL FLEISCHMAN  
 ARTHUR FLICKER, B.S., 1955  
 RICHARD ALLEN GLENNER, B.S., Roose-  
 velt University, 1955  
 DAVID GORDY  
 MARVIN GORENBERG  
 HELMUT GUSTAVE HABERSTROH  
 DONALD FRANCIS HACKMAN  
 NORTON JOEL JACOBS

MARVIN CLARENCE JOHNSON  
 DON ROBERT JOSEPHSON, B.S., Mon-  
 mouth College, 1954  
 EDWARD FLORIAN KAMINSKI  
 ALAN WARREN KAPLIN  
 MICHAEL GEORGE KARAGIANIS, B.S.,  
 1956  
 JAMES CYRUS KLEIN  
 FREDERICK RUDOLPH LINZER  
 RICHARD GREY LORD  
 ALVIN MEDVIN, B.S., 1955  
 WINFIELD CURTIS MORGAN  
 JAMES DANIEL MORGANELLI, B.S., Loy-  
 ola University, 1951  
 ROBERT MERLE MORRIS  
 OGDEN NORTON MUNROE  
 JOHN PAUL MURRAY  
 DAVID SIDNEY PASET  
 SIDNEY PESKIN  
 WILLIAM SLADE PRUSIN  
 JAMES RALPH READER  
 ANTHONY LEONARD REINERT, B.S., Loy-  
 ola University, 1953  
 MAURICE ANTHONY SHIVELY, A.B.,  
 Southern Illinois University, 1956  
 RODNEY EDWARD SIPPY  
 SHERWIN LEROY STRAUSS, B.S., 1955  
 SPENCER LEROY TOPPEN, B.S., Univer-  
 sity of Wisconsin, 1951  
 GERALD ARNOLD ULLMAN  
 DONALD DEANE VALENTINE, B.S.,  
 Western Illinois University, 1956  
 WESLEY KUNITO WATANABE

**Degree of Doctor of Dental Surgery***(Conferred July 31, 1958)*

ALLAN FRED GOLDBERG, B.S., 1956

MELVIN PAUL SERED, A.B., Roosevelt  
University, 1954; B.S., 1957*(Conferred September 20, 1958)*

JOHN DAVID COUGHLIN, B.S., 1958

RONALD DUANE SZILAGYI

*(To Be Conferred December 20, 1958)*

JAMES DANIEL MORGANELLI, B.S., Loyola University, 1951; B.S., 1958

## COLLEGE OF MEDICINE

## Degree of Bachelor of Science in Medicine

*(Conferred June 20, 1958)*

- HOWARD ALLEN  
 FRANK WHITNEY AMES  
 EVELYN MAE ANDERSON  
 JOHN ALBERT ANDERSON  
 JOAN EUNICE ANGERT  
 VICTOR ALPHONSE AYDT  
 KARL FREDERICK BADER, Jr., A.B.,  
     Washington University, 1957  
 CHARLES SYDNEY BAKER, B.S., 1952  
 PETER NICHOLAS BAKER, B.S., Purdue  
     University, 1953  
 NOEL MYRON BASS  
 LEWELLYN BRINGLE BAYBA  
 ROBERT FRANKLIN BERGERON  
 PAUL ALLEN BERNS  
 BERNARD BLAAUW, B.S., 1956  
 MARTIN BERNARD BLUMBERG  
 SAUL HERSHEL BORASH, A.B., 1950;  
     A.M., University of Chicago, 1952  
 STANLEY DEAN BRANDON  
 KENNETH DANIEL BRANDT  
 DAVID MITCHELL BROWN, B.S., 1956  
 CLARA BRUCE, B.S., Roosevelt Univer-  
     sity, 1956  
 DAVID LIONEL BRUCE  
 JERRY LEON BUBRICK, B.S., 1956  
 STANLEY MATTHEW BUGAIESKI  
 DONALD LEE BUNNELL  
 ALLAN BARTLETT CADY  
 EDWIN JOSEPH CAREY, B.S., Northwest-  
     ern University, 1949  
 STANTON MEL CHARNEY  
 HERBERT HERSH CIBUL, B.S., 1956  
 JAMES GEORGE CLARK  
 ANN EFNER CLARKE, B.S., 1955  
 HAROLD LEE CONLEY, B.S., Butler Uni-  
     versity, 1952  
 DANIEL EDWARD CONRAD, B.S., 1956  
 RICHARD DEAN CORLEY, D.D.S., 1954  
 RICHARD DUANE CORZATT  
 JOHN BROOKS COURTRIGHT, B.S., Brad-  
     ley University, 1953  
 JAMES RUSSELL CREATH  
 JACK HENRY CROSBY, A.B., Washington  
     University, 1956  
 CHARLES SLAUGHT CRUSINBERRY, A.B.,  
     Drake University, 1948  
 GEORGE EARL D'ASARO  
 WARREN DOANE, B.S., 1956  
 JOHN ELLISON DYMOND, B.S., 1956  
 OCAL EASTHAM, Jr., B.S., 1957  
 BERTWIN ELMER EINFALT, A.B., 1957  
 LELAND ROBBINS ELLIS, B.S., Purdue  
     University, 1956  
 EDGAR ALLAN FELDMAN  
 VICTOR FRED FELDMAN  
 MYRON ABRAHAM FISHER  
 STASIA JOANN FRANK  
 GERALD SAMUEL FRANKLIN  
 RALPH KENRICK FRAZIER, B.S., 1949  
 CHARLES ANDREW GILBERT, A.B., De-  
     Pauw University, 1956  
 THOMAS ROBERT GLATTER, A.B., 1957  
 HANNAH GOLDSCHMIDT, B.S., Bradley  
     University, 1952  
 ARTHUR GOLDSTEIN  
 EDWARD CHARLES GOLDSTEIN  
 MELVIN JOEL GOLDSTEIN, A.B., 1957  
 PAUL HENRY GOLDSTEIN  
 RAYMOND MERRILL GOMBERG  
 CARL JEFFREY GORDON  
 DONALD RAY GORE  
 ROBERT GOTTLIEB  
 PAUL GUNTHER GOTTSCHALK  
 MELTO GOUMAS, B.S., United States  
     Naval Academy, 1951  
 ALLAN LEE GRAHAM, B.S., D.V.M.,  
     1952, 1954  
 LAWRENCE HARVEY GRANT, B.S., Brad-  
     ley University, 1954  
 JAMES VAN GRAY  
 RALPH WEBSTER HALE  
 ROBERT JAMES HANSCOM  
 LARRY KAY HARMAN  
 WILLIAM MACK HEBBLE  
 WILLIAM FREDERICK HENEERY, B.S.,  
     Millikin University, 1954  
 JOHN WILLIAM HENGESH  
 MELVIN ALLEN HOCH  
 ROBERT PEARSON HODAM, A.B., 1955  
 GENE OTTO HOERR, B.S., Bradley Uni-  
     versity, 1956  
 ROGER WALTER HOFMEISTER  
 ALAN WILLIAM HOLDERNESS, A.B.,  
     University of Michigan, 1956  
 JEANETTE JOANNE HOOVER  
 SHELDON EUGENE HUFFMAN, A.B.,  
     A.M., University of Chicago, 1950,  
     1953  
 CARL HARRY JOHNER, A.B., Millikin  
     University, 1955  
 EDMUND FRANCIS KAL  
 ARNOLD AARON KAPLAN, B.S., 1955  
 ARNOLD MELVIN KAPLAN, B.S., Illinois  
     Institute of Technology, 1952  
 ROBERT MITCHELL KARNs  
 ARWALT PAUL KEHLE, B.S., 1955  
 VERNON STUART KENT, A.B., Ohio  
     State University, 1956  
 RALPH ALBERT KETTELKAMP, A.B., Illi-  
     nois College, 1956  
 HARVEY EDMUND KNAACK, A.B., Au-  
     gustana College, 1956  
 DON EDWARD KNAPP  
 JAMES JOSEPH KREJCHA  
 LEON STUARTE KUHS  
 SOLOMAN KUPERMAN, A.B., 1956  
 HAROLD CARL LABINSKY  
 MARK ALLAN LAKIN  
 THOMAS ELLSWORTH LAYMAN

- PETER YULE LEONARDSON, A.B., Augustana College, 1956  
 STUART LERMAN  
 STUART LEVIN  
 JOHN WILLIAM LOCKWOOD, Jr.  
 CARROLL OLIVER LOOMIS, B.S., 1951  
 GEORGE BAKER LOTT  
 JANICE MAE MARY MCGOWAN, B.S., College of St. Teresa, 1950  
 LARRY OREN MCKNELLY  
 SANFORD BRUCE MER, A.B., 1957  
 DONALD ALAN MILLER  
 EDWARD IRWIN MILLER, A.B., 1956  
 RICHARD ROBERTS MILLER  
 LAWRENCE FARRELL MOCK, A.B., Augustana College, 1954  
 SHELLEY HENRY NASATIR  
 WILMORE NEIDITCH, B.S., D.D.S., 1951, 1953  
 ALLAN DAVID NELSON  
 JACK DAVID NESTOR  
 ROBERT ELLIS NOPAR  
 FLORIAN RICHARD NYKIEL, B.S., Illinois Institute of Technology, 1950; M.S., 1956  
 JAMES CONRAD OLSON  
 ASTA VITALIA PALSHIS  
 JOHN ALBIN PETERS  
 RICHARD ALLAN PETERSON, A.B., Grinnell College, 1956  
 RICHARD LEE PHILLIS  
 GEORGE SHERMAN PORTER  
 RICHARD JOSEPH POWERS, B.S., 1956  
 THOMAS ROBERT PRUSINSKI  
 BILLY DEAN REEVES, A.B., Elmhurst College, 1953  
 MYRIAM YVONNE RICHARDSON  
 FREDERICK ALLEN RICHBURG  
 ROBERT LAWRENCE ROCKEY, B.S., 1958  
 SEYMOUR ROSEN  
 ETHAN BARUCH RUBEN  
 EARL ALBERT SABIN  
 DAVID LAWRENCE SACKETT, A.B., Lawrence College, 1956  
 CHARLES NICHOLAS SALESMAN  
 FLORIAN FRANCIS SANDERS  
 ROY MILTON SCHAYES  
 ROBERT DALE SCHNEIDER  
 SHELDON DEWEY SCHWARTZ, B.S., 1955  
 THERRON ROBERT SCOBIE  
 BRUCE IVAN SHACKTER, A.B., Johns Hopkins University, 1956  
 RONALD SHLENSKY, B.S., Purdue University, 1956  
 EDWARD GRANT SHORE  
 MICHAEL HARRIS SIGBAND, B.S., 1956  
 RICHARD DANIEL SPELLBERG, A.B., 1957  
 LLOYD LAYTON SPENCER  
 RONALD BARRY SPINKA  
 GRANT EZRA STEFFEN, B.S., 1954  
 FRED W. STORNER, JR.  
 CHARLEY WARRNER STOVALL  
 JAMES THOMAS STRIPE, A.B., Monmouth College, 1955  
 MYRON SUSIN, A.B., Augustana College, 1956  
 HERBERT JOSEPH SVAB  
 KENNETH FRANCIS SWANSON  
 MITCHELL PAUL TARKOFF  
 PHILLIP TAXMAN  
 DAVID MARVIN TAYLOR  
 EDWARD HOWARD THEIS, A.B., Washington University, 1956  
 GLEN EDWARD TOMLINSON  
 MARILYN RUTH TREACY, B.S., Purdue University, 1954  
 MARVIN OTTO TREPTON, A.B., Knox College, 1956  
 EDWARD ALEXANDER ULRICH  
 ROBERT FRANK UNDERWOOD, A.B., Southern Illinois University, 1953  
 ARTHUR BERNARD WAGMAN  
 HAROLD NORMAN WALGREN  
 MANUEL WARSASKI  
 JORDAN DALE WAXMAN, B.S., 1956  
 ISAAC WEISZER, B.S., 1956  
 STUART DICKINSON WILSON  
 ROBERT MCCULLOCH WRIGHT, A.B., Kenyon College, 1956  
 WARREN ARTHUR WUNDERLICH  
 DAVID YASHON

### SCHOOL OF NURSING

#### Degree of Bachelor of Science in Nursing

(Conferred September 20, 1958)

- PATRICIA KATHRYN COONEY  
 JEANETTE CAROL ENGELBRECHT  
 JUDITH MAY FLEER  
 ANN ELEANOR HUDAK  
 JOAN PHYLLIS JURISINIC  
 FRANCES LORRAINE LESS  
 SANDRA WYSS MATHIS  
 JANET MATHENY McLAUGHLIN  
 DOLORES CAROL PAULSEN  
 VALERIE ANNE PLUTZ  
 IRENE EMMA PRIEST  
 MARION EUELL SMITH  
 MARGARET ELIZABETH WALSH



*(To Be Conferred December 20, 1958)*

BEVERLY JUNE DAMLER  
FLORENCE MUZZARELLI FIESSINGER

ELIZABETH HURLEY STARZYK  
JUANITA JEAN STEINMAN

### COLLEGE OF PHARMACY

#### Degree of Bachelor of Science in Pharmacy

*(Conferred September 20, 1958)*

MARVIN HAROLD GOEKE  
DONALD FRANK IGLINSKI  
DONN SPENCER NELSON  
STANLEY N. ROSEN

WILBUR ANTHONY SCHENK, JR.  
JERROLD JOSEPH SCHWARTZ  
RUSSELL JOHN VANN

#### 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.)

- ACKERT, HELEN O., Instructor in the School of Nursing, one year from September 1, 1958, \$5370 (9-16-58).  
ADAMS, MARY J. N., Research Assistant in Bacteriology, four months from October 1, 1958, \$420 a month (10-3-58).  
AGUILAR, VIRGINIA, Research Assistant in Psychiatry (Medicine), one year from September 1, 1958, \$4400 (10-2-58).  
AHARONI, AMIKAM, Research Associate in Electrical Engineering (C), one year from September 1, 1958, \$6000 (10-2-58).  
AINSWORTH, STANLEY, Research Associate in Botany, one year from September 1, 1958, \$6000, supersedes (9-24-58).  
ALLHANDS, JESSIE V., Instructor in Mathematics, September 1, 1958-February 28, 1959, \$433.33 a month (10-2-58).  
ARCHER, JANE B., Assistant in Speech, nine months from September 16, 1958, \$4100, supersedes (10-2-58).  
ARO, AURELIA M., Instructor in Pharmacognosy (Pharmacy), academic year beginning September 1, 1958, \$4800 (9-25-58).  
BAILAR, MRS. FLORENCE L., Instructor in Mathematics, September 1, 1958-February 28, 1959, \$433.33 a month (10-2-58).  
BATEMAN, MRS. FELICE D., Assistant Professor of Mathematics,  $\frac{3}{4}$  time, September 1, 1958-February 28, 1959, \$350 a month (10-2-58).  
BENZIMAN, MOSHE, Research Associate in Chemistry, four months from September 1, 1958, \$447.50 a month (10-7-58).  
BERGERON, CLIFTON G., Research Associate in Ceramic Engineering (S),  $\frac{3}{4}$  time, September 16, 1958-August 31, 1959, \$5850 a year, supersedes (9-25-58).  
BERMAN, DAVID, Instructor in Applied Materia Medica and Therapeutics (Dentistry), one year from September 1, 1958, without salary (10-2-58).  
BETSWORTH, BRIAN C., Assistant in the Institute of Aviation, nine months from September 16, 1958, \$4275 (10-2-58).  
BETTS, CATHERINE E., Assistant in Music (College of Fine and Applied Arts),  $\frac{1}{2}$  time, Research Assistant in Music (Graduate College),  $\frac{1}{2}$  time, nine months from September 16, 1958, \$3600 (6-27-58).  
BLUEHM, ELAINE A., Research Associate in Anthropology, one year from September 1, 1958, \$5370 (9-20-58).  
BOUC, CHARLES, Assistant in General Engineering (Chicago Undergraduate Division), nine months from September 16, 1958, \$4400, supersedes (10-4-58).  
BREGMAN, MRS. ELEANOR, Research Assistant in Surgery (Medicine), one year from September 1, 1958, \$4400 (9-17-58).  
BRODY, SEYMOUR S., Research Associate in Botany, one year from September 1, 1958, \$6600, supersedes (9-24-58).  
BUENO, JOSE G., Research Assistant in Oral Pathology (Dentistry), one year from September 1, 1958, \$4800 (9-17-58).  
BUINAUSKAS, PETER, Assistant in Surgery (Medicine), nine months from October 1, 1958, without salary, supersedes (10-2-58).  
CARSTENS, H. PAUL, Research Associate in Anatomy (Medicine), one year from September 1, 1958, without salary (9-17-58).  
CEDERSTRAND, CARL, Research Assistant in Botany, one year from September 1, 1958, \$5000, supersedes (9-24-58).

- CHANDRASEKHARAPPA, GOWDARA, Research Assistant in Physical Medicine and Rehabilitation (Medicine), eight months from January 1, 1959, \$4400 a year (10-2-58).
- CHEN, HAN-LIN, Assistant in Home Economics (S), one year from September 1, 1958, \$4400 (10-2-58).
- CONRAD, H. EDWARD, Research Associate in Chemistry, one year from July 1, 1958, \$6500, supersedes (9-26-58).
- COTTRELL, FRANCES B., Assistant in Education (University High School), nine months from September 16, 1958, \$4500 (10-2-58).
- CULBERTSON, TOWNLEY P., Research Associate in Chemistry, eleven months from October 1, 1958, \$5370 a year (9-20-58).
- CURTIN, THEODORE W., Assistant Extension Forester, with rank of Instructor (E), one year from September 1, 1958, \$5800, supersedes (9-25-58).
- DASGUPTA, S., Instructor in Electrical Engineering (C), nine months from September 16, 1958, \$4800 (10-3-58).
- DIAL, MRS. JEANNE, Research Assistant in Bacteriology, nine months from October 1, 1958, \$3600 (9-24-58).
- DOEBEL, PAUL J., JR., Associate Director of Housing, eleven months from October 1, 1958, \$9900 a year; for the convenience of the University, he will also be furnished one meal a day while on duty, supersedes (7-28-58).
- EAKIN, FRANZY, Lecturer in Management,  $\frac{1}{2}$  time, nine months from September 16, 1958, \$3500 (9-25-58).
- ELMER, CHARLES D., Instructor in Physical Education for Men (Student Rehabilitation Center), one year from September 1, 1958, \$6200, supersedes (9-29-58).
- FANG, FU, Research Assistant in Electrical Engineering (C), one year from September 1, 1958, \$5000, supersedes (10-2-58).
- FARRINGTON, CARL C., Research Assistant in the Digital Computer Laboratory, September 16, 1958-January 31, 1959, \$466.66 a month (9-15-58).
- FEINBERG, RICHARD J., Research Associate in Medicine (Medicine), ten months from September 1, 1958, \$500 a month (10-2-58).
- FERRERA, SALVATORE V., Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1958, \$4400 (10-2-58).
- FINNEY, JOSEPH C. J., Lecturer in Psychology, with rank of Assistant Professor, one year from September 1, 1958, without salary (9-29-58).
- FLORICA, VINCENT, Research Associate in Physiology, one year from September 1, 1958, \$6000, supersedes (10-2-58).
- FRENCH, MARGARET, Assistant Professor of English,  $\frac{1}{3}$  time, to render service during the first semester of the academic year 1958-59, six months from September 1, 1958, \$984 (10-6-58).
- GOLUB, GENE H., Research Assistant in the Digital Computer Laboratory, September 16, 1958-January 31, 1959, \$2400 (9-20-58).
- GONZALEZ, PABLO M., Clinical Assistant in Urology, Department of Surgery (Medicine), one year from September 1, 1958, without salary (9-17-58).
- GRANT, MERVYN S., Research Associate in Chemistry, one year from September 1, 1958, \$5400, supersedes (10-1-58).
- GRAY, MARY T., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1958, \$3600 (10-7-58).
- GREATHOUSE, TERRY R., Instructor in Animal Science Extension (E), eleven months from October 1, 1958, \$6200 a year (10-2-58).
- GUTOWSKY, HERBERT S., Professor of Physical Chemistry, indefinite tenure beginning September 1, 1958, to render service during each academic year, \$16,000 a year, supersedes (10-2-58).
- HAEGELE, FRED L., Instructor in Agricultural 4-H Club Work (E), one year from September 1, 1958, \$5370 (9-17-58).
- HALSTEAD, BETTY J., Serials Cataloger in the Library, with rank of Instructor, eleven months from October 1, 1958, \$5370 a year, supersedes (9-25-58).
- HART, EMILY S., Research Assistant in Chemistry, one year from September 1, 1958, \$4400 (10-3-58).
- HEBTING, CHARLES F., Instructor in Operative Dentistry (Dentistry),  $\frac{3}{5}$  time, one year from September 1, 1958, \$2600 (10-2-58).
- HERUM, FLOYD L., Assistant Professor of Agricultural Engineering, in the Extension Service in Agriculture and Home Economics,  $\frac{3}{5}$  time, \$4150, and

- in the Agricultural Experiment Station,  $\frac{3}{5}$  time, \$2850, total salary of \$7000, supersedes (9-20-58).
- HESS, HANS-JÜRGEN, Research Assistant in Chemistry, one year from September 1, 1958, \$5000 (9-26-58).
- HOLINGER, PAUL H., Professor of Bronchoesophagology, Department of Otolaryngology (Medicine), 48/100 time, indefinite tenure beginning September 1, 1958, \$5160 a year, supersedes (10-2-58).
- ISSAR, SOHAN LAL, Assistant in Veterinary Research (Agricultural Experiment Station, assigned to Pathology and Hygiene in the College of Veterinary Medicine),  $\frac{1}{2}$  time, September 8, 1958-May 31, 1959, \$183.33 a month, and full time for three months from June 1, 1959, \$366.66 a month (9-17-58).
- JANSEN, MATHILDA J., Research Associate in the Institute for Research on Exceptional Children, eleven months from October 1, 1958, \$7500 a year (10-6-58).
- JOHNSON, MARGARET L., Instructor in Medical Social Work (Medicine), October 13, 1958-August 31, 1959, \$5400 a year (10-4-58).
- KAHN, JOSEPH S., Research Associate in Physiology, one year from September 1, 1958, \$5370 (9-24-58).
- KALLINTERIS, DEMETRIUS, Physician in the Health Service (Chicago Professional Colleges),  $\frac{1}{5}$  time, September 17, 1958-August 31, 1959, \$160 a month (10-2-58).
- KEELING, HERSCHELL L., Clinical Assistant in Anesthesiology, Department of Surgery (Medicine), one year from September 1, 1958, without salary (9-17-58).
- KENYON, RICHARD J., Research Assistant in Electrical Engineering (S), one year from September 1, 1958, \$4800 (9-25-58).
- KLEIN, KURT, Instructor in French, full time during the first semester, \$450 a month, and  $\frac{3}{4}$  time during the second semester, \$300 a month, for the academic year beginning September 1, 1958, supersedes (10-2-58).
- KOCH, HARRIETT B., Instructor in the School of Nursing,  $\frac{3}{5}$  time, academic year beginning September 1, 1958, \$3000 (9-17-58).
- KOUSKOLEKAS, COSTAS, Research Assistant in Agricultural Entomology (Agricultural Experiment Station and Illinois State Natural History Survey),  $\frac{1}{2}$  time, September 15, 1958-May 31, 1959, \$185 a month, and full time for three months from June 1, 1959, \$370 a month (10-1-58).
- KOVAL, EDWARD J., Instructor in Chemical Engineering,  $\frac{1}{2}$  time, academic year beginning September 1, 1958, \$2700 (10-6-58).
- KRIMMER, BURTON M., Clinical Instructor in Ophthalmology (Medicine), one year from September 1, 1958, without salary (10-4-58).
- KUNDRAT, THEODORE V., Instructor in Speech (Chicago Undergraduate Division),  $\frac{1}{2}$  time, academic year beginning September 1, 1958, \$2400 (9-24-58).
- LA LONDE, ROBERT T., Research Associate in Chemistry, one year from September 1, 1958, \$5370 (10-2-58).
- LARSEN, ROBERT P., Associate Professor of Psychology, indefinite tenure, and Clinical Counselor in the Student Counseling Service, one year,  $\frac{3}{4}$  time, \$6425, from September 1, 1958, supersedes (9-20-58).
- LEFORT, HENRY G., JR., Research Associate in Ceramic Engineering (S), full time from September 1-15, 1958, \$7000 a year, and  $\frac{3}{4}$  time from September 16, 1958-August 31, 1959, \$5250 a year, supersedes (9-25-58).
- LEVY, MRS. LUCRETIA, Instructor in Mathematics,  $\frac{1}{2}$  time for the first semester of the academic year beginning September 1, 1958, \$233.33 a month (10-2-58).
- LITHERLAND, DOROTHY, Associate Dean of the College of Commerce and Business Administration,  $\frac{3}{4}$  time, one year, and Professor of Accountancy,  $\frac{3}{4}$  time, indefinite tenure, September 1, 1958, \$11,500 a year, supersedes (9-25-58).
- LIU, JANE S., Microanalyst in Chemistry, September 15, 1958-August 31, 1959, \$4400 a year (10-4-58).
- MACKAY, ROLAND P., Professor of Neurology (Medicine),  $\frac{1}{5}$  time, indefinite tenure beginning September 1, 1958, \$2700 a year, supersedes (10-2-58).
- MCALKESE, DESMOND M., Research Assistant in Animal Science (S), eleven months from October 1, 1958, \$4583.37, supersedes (10-7-58).
- MCFERREN, ROBERT D., Assistant in the Institute of Aviation, nine months from September 16, 1958, \$4800 (9-15-58).

- MELVIN, MRS. GEORGIA-LEE V., Research Associate in Psychology,  $\frac{1}{2}$  time, academic year beginning September 1, 1958, \$2250 (9-29-58).
- MERTES, ROBERT A., Assistant in Mathematics (Chicago Undergraduate Division), nine months from September 16, 1958, \$4000 (10-4-58).
- MEYERTHOLEN, MRS. THEODOSIA P., Assistant in Medical Social Work (Medicine), one year from September 1, 1958, \$5000; for her convenience, she will also be furnished one meal a day while on duty (9-19-58).
- MILLER, ELMO E., Research Associate in Psychology, eleven months from October 1, 1958, \$7500 a year (10-2-58).
- MILLER, MRS. MARY A. D., Research Assistant in Chemistry, September 16, 1958-August 31, 1959, \$4400 a year (10-3-58).
- MOELLER, THERALD, Professor of Inorganic Chemistry, indefinite tenure beginning September 1, 1958, to render service during each academic year, \$11,000 a year, supersedes (10-2-58).
- MORONES, BEATRIZ, Research Assistant in Manufacturing Pharmacy (Pharmacy), one year from September 1, 1958, \$5600 (10-2-58).
- MYERS, BASIL R., Instructor in Electrical Engineering (C),  $\frac{1}{2}$  time, academic year beginning September 1, 1958, \$3533, supersedes (9-25-58).
- NEWELL, JOHN T., Instructor in Biological Sciences (Chicago Undergraduate Division), academic year beginning September 1, 1958, \$4800 (10-2-58).
- NOBLE, FRANK C., JR., Assistant Professor of Education and Assistant to the Dean of the College of Education, academic year beginning September 1, 1958, \$6150 (10-2-58).
- NONA, DANIEL A., Assistant in Pharmacy (Pharmacy), nine months from September 16, 1958, \$3600, supersedes (9-25-58).
- NOSKER, HERBERT D., Assistant Extension Editor in Agricultural Economics, with rank of Assistant (E), one year from September 1, 1958, \$4800 (10-3-58).
- NOTANI, G. W., Research Assistant in Chemistry, four months from September 1, 1958, \$375 a month (10-7-58).
- NYI, STEVEN H., Clinical Assistant in Surgery (Medicine), one year from September 1, 1958, without salary (9-17-58).
- OBERFELD, BEVERLY, Assistant in English (Chicago Undergraduate Division), September 16, 1958-January 31, 1959, \$444.44 a month (10-7-58).
- ONODA, BRIGHT Y., Clinical Assistant in Anesthesiology, Department of Surgery (Medicine), one year from September 1, 1958, without salary (9-17-58).
- OPPERMANN, MRS. LOIS F., Research Assistant in Chemistry, one year from September 1, 1958, \$4400 (10-3-58).
- PARKS, THOMAS E., Acquisition Assistant in the Library, with rank of Instructor, October 13, 1958-August 31, 1959, \$5370 (9-16-58).
- PATTON, EARL D., Research Associate on the University Council on Teacher Education,  $\frac{3}{4}$  time, one year from September 1, 1958, without salary (10-2-58).
- PERKINS, FRANCES, George A. Miller Visiting Lecturer in the Institute of Labor and Industrial Relations and in the Institute of Government and Public Affairs, October 16, 1958-November 20, 1958, \$1700 for the period (10-1-58).
- PETERS, DOYLE B., Assistant Professor of Soils (Agronomy) (S),  $\frac{3}{10}$  time, September 21, 1958-August 31, 1959, \$3000 a year, supersedes (10-2-58).
- PETERSEN, ARTHUR S. J., Clinical Associate Professor of Radiology (Medicine),  $\frac{2}{3}$  time, indefinite tenure beginning October 1, 1958, \$4160 a year, supersedes (10-2-58).
- PROTEAU, ARTHUR J., Extension Specialist in the Division of University Extension, eleven months from October 1, 1958, \$8000 a year (9-25-58).
- QUERESH, MOHAMMED Y., Assistant in Education,  $\frac{1}{2}$  time, and in the Institute for Research on Exceptional Children,  $\frac{1}{2}$  time, September 16, 1958-January 31, 1959, \$1912.50 (10-2-58).
- RANSFORD, RALPH E., Instructor in Anatomy (Medicine),  $\frac{1}{2}$  time, nine months from October 1, 1958, \$3000 (9-25-58).
- REID, ERNEST A., Professor of Electrical Engineering (C),  $\frac{1}{3}$  time, academic year beginning September 1, 1958, \$3000 (9-16-58).
- REINER, MRS. IRMA M., Assistant Professor of Mathematics,  $\frac{1}{2}$  time, September 1, 1958-February 28, 1959, \$241.67 a month (10-2-58).
- RENSCH, GLORIA K., Assistant in Art, September 16, 1958-January 31, 1959, \$400 a month, supersedes (10-2-58).

- ROBERTS, ELMER, Professor of Home Economics (C),  $\frac{1}{4}$  time, September 16, 1958-January 31, 1959, \$233.33 a month (9-25-58).
- RODDA, ERROL D., Instructor in Agricultural Engineering (C), 65/100 time, one year from September 1, 1958, \$4390 (10-2-58).
- RUDDICK, ROLAND, Instructor in Crowns and Fixed Partial Dentures (Dentistry),  $\frac{1}{2}$  time, eleven months from October 1, 1958, \$3000 a year, supersedes (10-2-58).
- RUST, VELMA I., Assistant in Education (College of Education and Graduate College), nine months from September 16, 1958, \$4050 (10-2-58).
- SAPORTA, JACK, Research Assistant in Medicine (Medicine), one year from September 1, 1958, \$4400 (10-2-58).
- SCHIEFER, IVAN H., Research Associate in Psychology, three months from September 1, 1958, \$1650 (9-20-58).
- SCHMALZ, GRETCHEN M., Assistant in Occupational Therapy (Medicine), September 15, 1958-August 31, 1959, \$4700 a year (9-17-58).
- SCHUSTER, PAUL W., Lecturer in Public Health, in the Health Services,  $\frac{1}{3}$  time, nine months from September 16, 1958, \$2520 (10-2-58).
- SCOUFFAS, ROBERTA, Assistant in English, September 16, 1958-January 31, 1959, \$422.22 a month (10-7-58).
- SEMBA, TAKEHIKO, Research Assistant in Physiology, nine months from September 1, 1958, \$3600 (10-3-58).
- SEN, ARUN KUMAR, Clinical Assistant Professor of Anesthesiology, Department of Surgery (Medicine),  $\frac{3}{5}$  time, one year from September 1, 1958, \$3000 (9-17-58).
- SEYMOUR, ROBERT G., Associate Professor of Business Management on indefinite tenure, and Director of the Executive Development Center (Commerce and Business Administration) for one year, from September 1, 1958, \$12,000 a year, supersedes (9-25-58).
- SHERMAN, CARL W., Lecturer in Mining and Metallurgical Engineering (C), 1/10 time, nine months from September 16, 1958, \$1000 (10-2-58).
- SMOLENSKI, STANISLAUS J., Instructor in Pharmacognosy (Pharmacy), one year from September 1, 1958, \$5370, supersedes (9-25-58).
- SOPHIANOPOULOS, ALKIS J., Research Associate in Chemistry, September 16, 1958-August 31, 1959, \$5500 a year (10-2-58).
- STANLEY, SAMUEL L., Visiting Lecturer in Anthropology, September 1, 1958-January 31, 1959, \$2750 (10-2-58).
- STUEBNER, ELAINE A., Instructor in Oral and Maxillofacial Surgery (Dentistry), \$5200, and Clinical Instructor in Surgery (Medicine), without salary,  $\frac{4}{5}$  time, one year from September 1, 1958 (9-20-58).
- TADANIER, JOHN, Research Assistant in Chemistry, one year from September 1, 1958, \$5000 (10-3-58).
- TEASON, RAMONA J., Instructor in Medical Social Work (Medicine), October 6, 1958-August 31, 1959, \$5800 a year (9-15-58).
- TYLER, W. SCOTT, Editor of the *Illinois Alumni News* (Office of Public Information), eleven months from October 1, 1958, \$8500 a year (10-7-58).
- VERDEYEN, JOSEPH T., Instructor in Electrical Engineering (C), one year from September 1, 1958, \$7100, supersedes (9-25-58).
- VIDEKA, MICHAEL A., Instructor in Applied Materia Medica and Therapeutics (Dentistry),  $\frac{1}{2}$  time, one year from September 1, 1958, \$3250 (9-20-58).
- WANG, LILY, Research Assistant in Oral Pathology (Dentistry), one year from September 1, 1958, \$5000 (10-2-58).
- WARE, EDWARD E., Research Assistant in the Institute of Communications Research, one year from September 1, 1958, \$4400 (9-20-58).
- WEINBERG, GRACE, Research Assistant in Dairy Science (S), one year from September 1, 1958, \$4400, supersedes (9-26-58).
- WEINSTEIN, MANFRED, Clinical Instructor in Medicine (Medicine), one year from July 1, 1958, without salary (9-17-58).
- WIESINGER, F. P., Assistant Professor of Civil Engineering (Chicago Undergraduate Division), academic year beginning September 1, 1958, \$7800, supersedes (10-4-58).
- WILK, KENNETH E., Research Assistant in the Illinois State Water Survey, nine months from October 1, 1958, \$6000 a year (9-20-58).
- WINEFORDNER, JAMES D., Research Associate in Chemistry, nine months from September 16, 1958, \$5000 (10-6-58).

- WOLIN, EILEEN, Research Assistant in Bacteriology, one year from September 1, 1958, \$4650 (9-20-58).  
WORKS, ERNEST, Research Associate in Sociology, September 9, 1958-August 31, 1959, \$6000 a year (9-20-58).  
YUFIT, ROBERT I., Clinical Instructor in Psychology, Department of Psychiatry (Medicine), one year from September 1, 1958, without salary (9-17-58).  
ZARATZIAN, VIRGINIA L., Research Associate in Pharmacology (Medicine), four months from September 1, 1958, \$6300 a year, supersedes (9-17-58).

#### GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the date indicated in parentheses.)

- AGOSTA, WILLIAM C., Postdoctoral Fellow in Chemistry, one year from October 1, 1958, \$5000, supersedes (9-26-58).  
AUBUCHON, MAX J., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1958, \$2000 (9-29-58).  
BEILIN, ALICE E., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$1800 (9-18-58).  
BLACK, MARTHA A., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$1800 (9-18-58).  
BLATT, SIDNEY J., United States Public Health Service Postdoctoral Fellow in Clinical Psychology (Trainee), one year from September 1, 1958, \$4000 (9-17-58).  
BLUME, ELAINE, Fellow in the Chicago Professional Colleges, one year from September 1, 1958, \$1500 (10-3-58).  
BOND, H. W., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1958, \$1600 (9-18-58).  
BRINLING, JOHN C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1958, \$1800 (9-18-58).  
BUNCE, D. F. M., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), one year from September 1, 1958, \$3200 (9-18-58).  
BURIC, JOHN, Wright Fellow in Animal Science, September 16, 1958-January 31, 1959, \$750 (9-29-58).  
BURSTEIN, STUART, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1958, \$60 a month, supersedes (10-7-58).  
BUTTERWORTH, CLARA B., United States Public Health Service Fellow (Trainee) in Clinical Psychology (Chicago Professional Colleges), one year from September 1, 1958, \$2800 (9-18-58).  
CRISS, DARRELL E., Radio Corporation of America Fellow in Electrical Engineering, nine months from September 16, 1958, \$2100 (9-18-58).  
DIAMOND, PETER T., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, September 16, 1958-January 31, 1959, \$1000 (9-29-58).  
DOIG, ANDREW, United States Public Health Service Research Fellow in the Chicago Professional Colleges, one year from September 1, 1958, \$4150, supersedes (9-18-58).  
EPLBY, DONALD L., Collins Radio Company Fellow in Electrical Engineering, September 16, 1958-January 31, 1959, \$750; this is in addition to his present appointment as Instructor on  $\frac{1}{2}$  time (9-18-58).  
FEICHT, EMIL D., JR., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, September 16, 1958-January 31, 1959, \$1000 (9-29-58).  
FRANKENFELD, ROBERT, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), eleven months from October 1, 1958, \$1600 (10-7-58).  
FREED, HARVEY, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1958, \$60 a month, supersedes (10-7-58).

- GARRON, DAVID C., United States Public Health Service Fellow (Trainee) in Clinical Psychology (Chicago Professional Colleges), one year from September 1, 1958, \$2800 (9-18-58).
- GEORGIS, LOUIS G., Fellow in the Chicago Professional Colleges, nine months from September 1, 1958, \$2000 (10-7-58).
- GRAMER, DOROTHY, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1958, \$3000, supersedes (9-17-58).
- GRANO, ANTHONY M., Hackett Fellow in Agricultural Economics, February 1-June 15, 1959, \$750 (9-29-58).
- GRATCH, GERALD, United States Public Health Service Postdoctoral Fellow in Clinical Psychology (Trainee) (Medicine), one year from September 1, 1958, \$3400, (9-17-58).
- HOFFMAN, GERALD K., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1958, \$60 a month (10-7-58).
- KAL, EDMUND, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1958, \$60 a month, supersedes (10-7-58).
- KISSIL, DONALD, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1958, \$1800 (9-18-58).
- LUCAS, DONALD H., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1958, \$2000 (9-29-58).
- MAY, PERCY C., JR., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1958, \$60 a month, supersedes (10-7-58).
- MITTELMAN, HENRY R., United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), nine months from October 1, 1958, \$187.50 a month (10-7-58).
- MORDUE, DALE L., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1958, \$3050, supersedes (9-17-58).
- ORLINSKY, DAVID E., United States Public Health Service Fellow (Trainee) in Clinical Psychology (Chicago Professional Colleges), one year from September 1, 1958, \$2400 (9-18-58).
- OUCHTRED, O. W., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), eleven months from October 1, 1958, \$5500 (9-18-58).
- PIERCE, CAMDEN B., Convair Fellow in Physics, nine months from September 16, 1958, \$2000 (9-29-58).
- REDDY, VASUNDER, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1958, \$1600 (9-18-58).
- STARBUCK, WESLEY C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1958, \$2500 (9-18-58).
- TINSLEY, WILLIAM A., Wright Fellow in Agricultural Economics, February 1-June 15, 1959, \$750 (9-29-58).
- TRAGER, EUGENE, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1958, \$60 a month (10-7-58).
- WOODS, JAMES E., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1958, \$3400 (9-29-58).

#### RESIGNATIONS AND DECLINATIONS

- BABB, STANLEY E., JR., Research Associate in Chemical Engineering—declination effective September 1, 1958.
- BARNES, ROBERT W., United States Public Health Service Fellow (Trainee) in Social Work—declination effective September 16, 1958.
- CHATTORAJ, MRS. RAJENDRA, Assistant in Veterinary Pathology and Hygiene and in Veterinary Research—resignation effective October 7, 1958.

- CHU, GORDON P., Lead Industries Fellow in Ceramic Engineering—declination effective September 16, 1958.
- COPELAND, ALFRED, Assistant Professor of General Engineering—declination effective September 1, 1958.
- DABICH, DANICA, Parke Davis and Company Fellow in Chemistry—resignation effective September 16, 1958.
- DEMPSEY, ELLEN, Research Associate in Botany—declination effective September 1, 1958.
- DUETTI, MARGARET, Assistant Serials and Acquisitions Librarian, and Instructor in Library Science (Chicago Undergraduate Division)—declination effective September 1, 1958.
- FANG, FU, Research Assistant in Electrical Engineering—declination effective September 1, 1958.
- GALLILY, ISAAH, Research Associate in Chemical Engineering—resignation effective November 1, 1958.
- GINGERICH, KARL, Research Associate in Chemical Engineering—declination effective September 1, 1958.
- GOLDSBOROUGH, JOHN B., Medical Adviser and Assistant Professor of Hygiene—declination effective September 1, 1958.
- HAMMER, DONALD P., Bookstacks Librarian, with rank of Instructor—resignation effective January 1, 1959.
- JAIN, HANWANT R., Fellow in Civil Engineering—resignation effective September 16, 1958.
- JOSEY, ALDEN D., Research Associate in Chemistry—resignation effective September 1, 1958.
- JU, MRS. RUBY, Microanalyst in Chemistry—resignation effective September 10, 1958.
- ORLINSKY, DAVID E., United States Public Health Service Fellow (Trainee) in Clinical Psychology (Chicago Professional Colleges)—declination effective September 1, 1958.
- PARSONS, MELVIN G., JR., Assistant Professor of Business Management—resignation effective October 1, 1958.
- PATRICELLI, ALFONZO, Assistant in Mathematics (Chicago Undergraduate Division)—resignation effective September 16, 1958.
- SAVORY, PAUL B., Instructor in Radiology (Medicine)—resignation effective August 27, 1958.
- STRÖHL, GERHARD W., Research Associate in Chemistry—declination effective August 16, 1958.
- SUDIGDOMARTO, MUDOMO, Fellow in Mathematics—resignation effective February 1, 1959.
- TURNER, PETER L., Fellow in Geography—declination effective September 16, 1958.
- WEN, ROBERT K. L., Assistant Professor of Civil Engineering—resignation effective March 1, 1959.
- WEST, IAN M., Instructor in Applied Materia Medica and Therapeutics (Dentistry)—declination effective September 1, 1958.
- WITT, JOHN, JR., Fellow in Chemistry—resignation effective September 16, 1958.
- YOKAN, MELVYN, Research Associate in Neurology-Neurological Surgery-Epilepsy (Medicine)—resignation effective October 1, 1958.

#### LEAVES OF ABSENCE

- CHANDLER, MARGARET K., Associate Professor of Sociology, in the Institute of Labor and Industrial Relations and in the College of Liberal Arts and Sciences—disability leave with full pay from April 15 through December 10, 1958, and leave without pay from December 11, 1958, and continuing until such time as she is able to return to her duties.
- PEARL, ALLEN S., Clinical Instructor in Dermatology (Medicine)—leave of absence, without salary, for one year from September 1, 1958, on account of ill health.
- TYNER, EDWARD H., Professor of Soil Fertility (Agronomy)—six months extension of his leave of absence, without pay, from February 15, 1959, and continuing to August 15, 1959, in order that he may continue his work as a



member of the Cornell University staff, on their cooperative project with the University of the Philippines College of Agriculture at Los Banos.  
WOOD, JOHN W., Associate Professor of Architecture—leave of absence on account of disability, with full pay, for six months beginning September 1, 1958.

#### NOVEMBER AND DECEMBER MEETINGS

President Livingston reminded the Board that it had previously voted to hold its next two meetings in Chicago on November 19 and December 17.

Mr. C. W. Weldon, Treasurer of the University, has extended an invitation on behalf of the officers of the First National Bank of Chicago to the Board of Trustees to hold its December meeting at the Bank. This invitation has been accepted.

On motion of Mrs. Holt, the Board adjourned.

A. J. JANATA  
*Secretary*

PARK LIVINGSTON  
*President*