

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

December 17, 1957



The December meeting of the Board of Trustees of the University of Illinois was held in the Directors' Room of the First National Bank of Chicago, 38 South Dearborn Street, Chicago, Illinois, on Tuesday, December 17, 1957, beginning at 2:00 p.m.

The following members were present: Mr. Cushman B. Bissell, Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, and Mr. Kenney E. Williamson. Mr. Earl M. Hughes, Mr. Vernon L. Nickell, and Governor William G. Stratton 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, Dean C. C. Caveny of the Chicago Undergraduate Division, Mr. C. S. Havens, Director of the Physical Plant Department, Professor Norman A. Parker, Chairman of the Building Program Committee, Mr. Vernon L. Kretschmer, Director of Housing, Mr. C. E. Flynn, Director of Public Information, Mr. H. A. Hazleton, Business Manager for the Chicago Departments, Mr. Ralph F. Lesemann, Legal Counsel; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

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.

APPOINTMENTS TO THE FACULTY

(1) 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. E. ELIOT BENEZRA, Clinical Assistant Professor of Psychiatry, beginning November 1, 1957, without salary (DY).
2. MARY SUE EVITTS, Associate Professor in the School of Nursing, beginning November 7, 1957, at an annual salary of \$8,550 (DY).
3. FERENC HERR, Assistant Professor of Pharmacology, College of Medicine, beginning November 1, 1957, at an annual salary of \$7,200 (D).
4. ANITA RAPOPORT, Assistant Professor of Anesthesiology, in the Department of Surgery, beginning December 1, 1957, at an annual salary of \$12,000 (DY).
5. HERBERT READ, George A. Miller Visiting Professor of Art, for three and one-half weeks from November 20, 1957, at a salary of \$2,000 (G).
6. BERNARD A. SAMP, Medical Adviser, Assistant Professor of Hygiene, and Special Duty Physician in the Health Service, beginning December 1, 1957, at an annual salary of \$10,800 (BY).

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

DEANSHIP OF THE COLLEGE OF PHARMACY

(2) To fill the vacancy in the deanship of the College of Pharmacy, I recommend the appointment of Dr. George L. Webster, presently Professor and Head of the Department of Chemistry in the College of Pharmacy, as Professor of Chemistry on indefinite tenure and Dean of the College of Pharmacy for the period beginning January 1, 1958, and continuing until September 1, 1959, at a total salary of \$16,000 on a twelve-month service basis (AY). He will also continue serving as Head of the Department of Chemistry until another appointment to that position is recommended.

A special committee appointed to search for available and qualified candidates for this position has nominated Professor Webster. The Executive Committee of the College, the Vice-President and Provost, the Vice-President in charge of the Chicago Professional Colleges, and the Dean of the Graduate College have been consulted and concur in this recommendation.

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

On motion of Mrs. Watkins, the Board recorded its appreciation of the services of Dr. Joseph S. Begando, Associate Professor of Pharmacy Administration and Assistant Dean of the College, for his services as the Chief Administrative Officer of the College of Pharmacy during the past several months.

UNDERGRADUATE CURRICULUM IN ENGINEERING MECHANICS

(3) The Urbana Senate recommends authorization of a new undergraduate curriculum in Engineering Mechanics, proposed by the College of Engineering, effective September 1, 1958. The program will be administered by the Department of Theoretical and Applied Mechanics. The curriculum emphasizing mathematics and engineering sciences has the additional feature of a strong major in one of those sciences—mechanics and materials. It would provide a foundation both for graduate study and for industrial work in development and research. By areas its distinguishing features are:

1. A strong major in Theoretical and Applied Mechanics. Thirty-seven hours in mechanics of solid bodies and fluids and properties of solid materials; fifteen hours in new courses dealing with behavior of materials (three hours), mechanics of deformable bodies (six hours) and advanced problems in mechanics (six hours).
2. The required mathematics includes nine hours beyond sophomore calculus.
3. At least one three-hour course in advanced physics is required.

4. Twelve hours of unspecified technical electives. Recommended electives include an analysis or design sequence in another engineering department and additional courses in mathematics and basic or engineering sciences.

There is submitted herewith a statement giving the details of this curriculum, a copy of which is being filed with the Secretary of the Board for record.

I recommend approval.

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

GRADUATE PROGRAM IN VETERINARY MEDICAL SCIENCE

(4) The Urbana Senate recommends authorization of a new graduate program leading to the degrees of Master of Science and Doctor of Philosophy in Veterinary Medical Science. This program has been approved by the Executive Faculty of the Graduate College and will replace an existing program in Veterinary Pathology and Hygiene. Its objective, in the interest of more effective, expanded, and diversified graduate training, is to combine the professional departments of the College of Veterinary Medicine into a single department in the Graduate College integrating its work with that of the veterinary research program already organized under the Department of Veterinary Research in the Agricultural Experiment Station. The Dean of the College of Veterinary Medicine will be the head of this graduate department. The program will be open not only to students holding the Doctor of Veterinary Medicine degree but also to those having a Bachelor of Science degree with appropriate undergraduate preparation.

There is submitted herewith a statement giving the details of this program, including the requirements for admission and for the degrees, a copy of which is being filed with the Secretary of the Board for record.

I recommend approval.

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

GRADUATE PROGRAM LEADING TO THE DEGREE OF MASTER OF SCIENCE IN FINANCE

(5) The Urbana Senate recommends authorization of the following program leading to the degree of Master of Science in Finance, as proposed by the new Department of Finance and approved by the College of Commerce and Business Administration and the Executive Faculty of the Graduate College:

Areas of Specialization. Central banking history and policy, corporation finance, investment, insurance, and urban land utilization.

Admission Requirements. General requirements covering admission of all graduate students, including a grade-point average of at least 3.50 for the last sixty hours of work; and at least twenty-seven hours of undergraduate work in the social sciences, of which at least fifteen hours must be in economics, including one course in statistics and other appropriate courses in economics and finance.

Degree Requirements. General requirements specified by the Graduate College for all master's degrees, and at least eight units of work, including two courses in economic theory at the graduate level and an acceptable thesis.

I recommend approval.

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

ALTERNATE GRADUATE PROGRAMS LEADING TO THE DEGREE OF MASTER OF SCIENCE IN THE TEACHING OF MATHEMATICS

(6) The Urbana Senate recommends authorization of alternate curricula leading to the degree of Master of Science in the Teaching of Mathematics for the years 1957-58 and 1958-59 only, and open only to participants in the Academic Year Institute, the program for the supplementary training of secondary school teachers of mathematics, financed by grants the University has received from the National Science Foundation.

There is submitted herewith a statement giving the details of this program, a copy of which is being filed with the Secretary of the Board for record.

I recommend approval.

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

**RECOMMENDATIONS OF THE GEORGE A. MILLER
ENDOWMENT COMMITTEE**

(7) The George A. Miller Endowment Committee submits the following recommendations and reports of its actions:

George A. Miller Scholarships in Music

The Committee recommends assignments of funds from the endowment income for the following program of School of Music scholarships:

Ten scholarships for Illinois students (\$200 each).....	\$2 000
Three scholarships for out-of-state students (\$550 each).....	1 650
	<u>\$3 650</u>

Each scholarship will extend over four years, provided that the student initially holding it continues to make satisfactory progress. The Committee is accordingly setting aside the following sums for the School of Music scholarships during the next five academic years: 1958-59, \$3,650; 1959-60, \$7,300; 1960-61, \$7,300; 1961-62, \$7,300; and 1962-63, \$3,650.

This is a pilot program, instituted in the expectation that the School of Music through the University of Illinois Foundation and by other means will seek the money necessary to provide a continuing supply of new scholarships for the academic years 1960-61 and following. The awards will be designated "The George A. Miller Scholarships in Music" and will be administered by the College of Fine and Applied Arts in cooperation with the Director of the Undergraduate Scholarship Program.

I recommend approval.

Illinois Journal of Mathematics

The Board of Trustees has authorized the assignment of funds from the endowment income to support the *Illinois Journal of Mathematics*, published quarterly by the University, the initial allocations being \$5,200 for the year 1956-57 and \$7,750 for the year 1957-58. The Board of Editors has requested that support of the Journal be increased to \$11,500 a year. The Committee has approved an assignment of \$11,500 for the year 1958-59 only, with the expectation that thereafter the support of the Journal by the Miller Endowment will be reduced to \$7,750 a year or less.

Confirmation of the Committee's action is requested.

Graduate Fellowships

The Committee has approved an allocation of \$3,600 for the academic year 1958-59 for two graduate fellowships of \$1,800 each, replacing one fellowship at \$2,500 which has been supported by the George A. Miller Endowment.

Confirmation of this action is requested.

On motion of Mr. Williamson, the recommendation of the Committee was approved and its actions confirmed.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

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

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
OSCAR HENRY DOETSCH	St. Louis, Missouri	Missouri
PHILIP AMBROSE DURNIN	Webster Groves, Missouri	Missouri

I concur.

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

CHANGE IN REGULATIONS GOVERNING ADMINISTRATION OF ILLINOIS ACCOUNTANCY LAW

(9) The Committee on Accountancy and the Board of Examiners in Accountancy jointly recommend a change in the condition rule for the C.P.A. examination in the University Regulations adopted by the Board of Trustees for the administration of the Illinois Accountancy Law.

The rule as amended would read as follows and I concur in the Committee's recommendation:

25. A candidate under Section 2 of the Act may acquire condition standing in the subject or subjects failed if he

- a. Passes Theory of Accounts and Practical Accounting* only and fails Auditing and Law with grades not lower than 50 in each subject failed;
- b. Or passes in both Auditing and Law and attains a grade not lower than 60 in Theory of Accounts and Practical Accounting*;
- c. Or passes Theory of Accounts and Practical Accounting* and one other subject, Auditing or Law, regardless of the grade received in the subject failed.

A candidate who achieves condition standing under paragraph a, b, or c above shall be credited with the subject or subjects in which he received passing grades and may upon application and the payment of the required examination fees (listed below) present himself for re-examination in the subject or subjects in which he failed at any three of the six semiannual examinations next succeeding the examination at which he qualified for such partial re-examination. Whenever a candidate presents himself for re-examination he must write on all subjects in which he then has failing grades.

If on re-examination, the candidate passes in the subjects in which he has failed, he shall be eligible for the C.P.A. certificate; if he fails to so qualify, he shall revert to the status of a new applicant who is required to write the entire examination.

The time limitation within which a candidate is required to pass subjects under this rule shall not include any period during which the applicant serves in the Armed Forces of the United States.

Fees for each examination written under Rule 25 are as follows:

For candidates writing Theory of Accounts and

Practical Accounting\$40 00

For candidates writing Auditing or Commercial Law or a

combination of Auditing and Commercial Law.....\$30 00

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

REGULATIONS GOVERNING ASSESSMENT OF RESIDENT AND NONRESIDENT STUDENT FEES

(10) Since 1922 the University has had regulations, approved by the Board of Trustees, defining the residence status of students for the purpose of assessment of fees. These regulations require amendment from time to time to take into account changing conditions and circumstances. The Committee on Fees and the Dean of Admissions and Records have studied the regulations and recommend a number of changes to make the regulations consistent with recent changes in the state law relating to emancipated minors and to clarify language. Two principal changes would permit the assessment of the same tuition and other fees as are assessed against resident students in the cases of certain classes of students who live in Illinois but who under present rules are classified as non-residents, specifically: students from families of officers of the Armed Forces of the United States who are stationed in Illinois and from faculty families who have not yet acquired legal residence in terms of eligibility to vote in state elections. The complete text of the proposed regulations is given below.

I recommend approval of the following new regulations.

* The examination in Theory of Accounts and the two sessions of the examination in Practical Accounting are considered as one subject in administering this rule.

Regulations

For the purpose of these regulations an "adult" student is considered a male student twenty-one years of age or over, or a female student eighteen years of age or over; a "minor" student is a male student under twenty-one years of age or a female student under eighteen years of age; and the term "the State" means the state of Illinois. The words "he" or "his" also apply to a female student unless otherwise stated or clearly indicated.

1. Evidence upon the basis of which the legal residence of each applicant for admission to the University as a student can be determined shall be submitted to the Dean of Admissions and Records at the time of application for admission, and either the resident or nonresident student fees shall be assessed, as applicable, on the basis of the evidence appearing in the records of his office.

2. In all cases where said records establish that the student's legal residence is not in the State the nonresident fee shall be assessed. A student who takes exception to the ruling that the nonresident fee is payable shall pay that fee, but may file a claim in writing for a refund of the portion thereof in excess of the resident fee within thirty days from the date designated in the official University calendar as that upon which instruction begins for the academic period for which the fee is payable, provided, however, that, if the nonresident fee was not assessed on or prior to that date, the claim for refund may be filed within thirty days after the nonresident fee was assessed and the student was given notice of its assessment. If such claim for refund is not filed within said thirty-day period, the student loses all rights to a refund of any portion of the fee assessed for the academic period for which said fee is payable.

3. The legal residence of a minor student shall be considered to be, and to change with and follow:

a. That of his parents, if they are living together, or living parent, if one is dead; or

b. If the parents are separated or divorced, that of the parent to whom the custody of the minor has been awarded by judicial decree or order, or, in the absence of such a judicial decree or order, that of the father unless the minor has continuously resided with the mother for a period of at least twelve months immediately preceding his registration at the University, in which latter event his legal residence shall be considered to be that of his mother; or

c. That of the adoptive parents, if the minor has been legally adopted and without regard to whether the natural parents or one of them is living, and, in the event the adoptive parents become divorced or separated, that of the adoptive parent whose residence would govern under the foregoing rules if that parent had been a natural parent; or

d. That of the legally appointed and qualified guardian of the minor's person if such a guardian has been appointed and both parents are deceased, or both parents (or the surviving parent if only one is living) have abandoned the minor or have been adjudicated to be incompetent or to be unfit to have the custody of the minor; or

e. That of a "natural" guardian, such as a grandparent, adult brother or adult sister, adult uncle or adult aunt, or other adult relative with whom the minor has resided for a period of at least twelve months immediately prior to his registration at the University and by whom the minor is being supported if the minor's parents are dead or have abandoned the minor and if no legal guardian of the minor's person has been appointed and qualified.

4. No parent or guardian will be considered a resident of the State of Illinois unless he (a) maintains a bona fide and permanent place of abode within this State, and (b) lives, except when temporarily absent from the State with no intention of changing his legal residence to some other state or country, within the State.

5. If a minor has been emancipated, is completely self-supporting, and actually resides in the State, he shall be considered to be a resident of the State for the purpose of registration in the University and the assessment of student fees, even though his parents or guardian may reside outside the State. An emancipated minor who is completely self-supporting shall be considered to "actually reside in the State of Illinois" if he has maintained a dwelling place within the State uninterruptedly for a period of at least twelve consecutive

months immediately prior to his registration as a student at the University. Marriage shall be regarded as effecting the emancipation of minors, whether male or female, for the purposes of this regulation.

6. With the exception hereinafter provided (in Regulation 7 hereof), an adult student whose parents (or one of them if only one parent is living or the parents are separated and divorced) have established and are maintaining a bona fide residence in the State and who resides with them (or the one residing in the State) or elsewhere in the State will be regarded as a resident student.

7. An adult student whose parents are dead or reside outside the State, or an adult student whose parents reside in the State but who has at any time established a separate residence of his own outside the State, to be considered a resident of the State of Illinois for the purpose of registration in the University and the assessment of student fees must have been a bona fide resident of the State for a period of at least twelve months immediately preceding the beginning of any semester, term, or session for which he registers at the University, must continue to maintain a bona fide legal residence in the State during said semester, term, or session, and must present evidence satisfactory to the Dean of Admissions and Records that he is entirely self-supporting and not under parental control.

8. A married female, whether a minor or adult, shall be considered a resident of the State if she is living with her husband and he has established and maintained a bona fide residence in the State for a period of at least twelve months immediately preceding her registration at the University as a student and he is a bona fide resident of the State at the time of such registration.

9. An adult alien, who has filed a Declaration of Intention to become a citizen of the United States of America or with respect to whose application for United States citizenship a final hearing has been held without a decision having been rendered adverse thereto, may qualify as a resident of the State for purposes of registration in the University as a student if he has established and maintained a bona fide residence within the State for a period of at least twelve months immediately preceding the beginning of any semester, term, or session for which he registers at the University, and if he also meets and complies with all of the other requirements of these regulations to establish resident status which are applicable to adult students who are citizens of the United States.

10. A minor student who is an alien may qualify as a resident of the State, for purposes of registration in the University and the assessment of student fees, if his parents, or his living parent if one is deceased, are citizens of the United States, or if they have filed a Declaration of Intention to become citizens thereof or final hearings have been held upon their applications for United States citizenship without any decision having been rendered which is adverse to their application, and if all of the requirements to establish resident status of the foregoing portions of these regulations which would be applicable to said minor student if he would not be an alien have been also fully met. However, in order to maintain his status as a resident student, such student must file his own Declaration of Intention to become a United States citizen, or a final hearing must have been held upon his application for citizenship without a decision adverse to that application having been rendered, as soon as such student is permitted, under applicable Federal law and regulations, to file such a declaration or to file such an application and receive a final hearing thereon.

11. In cases of dual citizenship, in which a student, whether adult or minor, is a citizen of the United States as well as a citizen of some other country, such student, in order to qualify as a resident of the State for the purpose of registration in the University and the assessment of student fees, must comply with and meet all of the requirements to establish resident status of the foregoing regulations which would apply to him, as an adult or minor student as the case may be, if he were a citizen of the United States only and did not possess dual citizenship.

12. To the extent that the terms "bona fide residence," "legal residence," "residence," and "emancipation" are not defined in these regulations, the question of whether a student, adult or minor, his parents or parent, or his guardian has established and maintained, or is maintaining, a "bona fide resi-

dence," a "legal residence," or a "residence" in the State for whatever period of time may be required by the foregoing provisions of these regulations which may be applicable to his case and situation, and the question of whether a minor student has been "emancipated," shall be determined by according due consideration to all of the facts pertinent and material to that question and existing with respect to him and to the applicable laws and court decisions of the State of Illinois.

13. In the event a student who claims he is a resident student under the provisions of these regulations is dissatisfied with a ruling of the Dean of Admissions and Records that he is not a resident student and must pay the nonresident student fees while registered in the University, he may obtain a review of such decision of the Dean of Admissions and Records by the Legal Counsel of the University by filing with the Dean of Admissions and Records within twenty days after he has been notified of said ruling his request in writing that said ruling be referred to and reviewed by the Legal Counsel. If such written request for such review is filed with the Dean of Admissions and Records within said period, the question of whether said student is to be considered a resident or a nonresident student under the provisions of these regulations and of applicable law shall be referred by the Dean of Admissions and Records to the Legal Counsel whose decision thereon shall be final. However, if, prior to making his ruling as to whether a student shall be considered to be a resident or nonresident student under the provisions of these regulations and under applicable law, the Dean of Admissions and Records has referred that question to the Legal Counsel and the ruling has been predicated upon an opinion furnished the Dean of Admissions and Records by the Legal Counsel as to said question in the case of that student, no review of the ruling by the Legal Counsel will be granted unless new evidence bearing upon the question of residence is presented.

14. The spouse and children of persons who are actively serving in one of the Armed Forces of the United States and who are stationed and present in the State of Illinois in connection with that service shall be permitted to attend the University upon paying the same tuition and other fees assessed against resident students as long as the spouse or parent remains so stationed and present in this State and the spouse or child attending the University is also living in this State.

15. The spouse and children of staff members of the University on full time appointment at the University shall be permitted to attend the University upon paying the same tuition and other fees assessed against resident students during the period the staff member holds such appointment and is performing the duties of the University position to which he has been appointed.

16. These regulations shall become effective on and as of February 1, 1958, and shall remain in full force and effect unless subsequently amended or repealed by action of the Board of Trustees.

On motion of Mr. Johnston, these regulations were adopted.

ALLERTON HOUSE ACCOUNT AT NATIONAL BANK OF MONTICELLO

(11) The Vice-President and Comptroller and the Dean of the Division of University Extension recommend establishment of an account at the National Bank of Monticello for the deposit of funds received at Allerton House for University services. This will facilitate prompt deposit of checks and currency thus received, as members of the staff of Allerton House make frequent daily trips to Monticello, whereas at present it is necessary to bring the money to the Business Office at Urbana. Into this account at the National Bank of Monticello will be deposited Allerton House receipts with duplicate deposit tickets forwarded to the University Business Office. Checks in favor of the University will be drawn in the Business Office against this account in the amount of the deposit tickets, and these checks will be deposited in the Treasurer's Account in the First National Bank of Chicago. Since this clearing process will not require more than a week, the balance in the National Bank of Monticello account should never be greater than the receipts for a week's period which should not aggregate more than \$7,000.

I concur in this recommendation.

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

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(12) The Committee on Nonrecurring Appropriations recommends assignments of funds from the General Reserve for the following purposes:

1. Graduate College, costs of symposium in commemoration of the College's fiftieth anniversary.....	\$ 4 500 00
2. Department of Botany, remodeling in Natural History Building and purchase of equipment for laboratories.....	6 142 50
3. College of Commerce and Business Administration, purchase of equipment for data processing.....	1 150 00
4. Department of Mining and Metallurgical Engineering, purchase of equipment	4 725 50
Total.....	\$16 518 00

I concur.

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

CONDEMNATION OF PROPERTY AT 1008 WEST GREEN STREET, URBANA, ILLINOIS

(13) The University now owns all of the property on the north side of the 1000 block of West Green Street needed by it as a site for Single Graduate Student's Dormitory Unit No. 2, with the exception of the property located at 1008 West Green Street.

The property at 1008 West Green Street is owned by Mr. William R. Hunsicker. The lot is improved with an old residence which has been converted to seven utility apartments and also with a new apartment building completed in 1957, containing eight small apartments. The entire property is rented by the owner to tenants, most of whom are students. None of it is occupied by Mr. Hunsicker as his personal residence. The lot has a frontage of approximately 67 feet on Green Street and a depth of approximately 234 feet. Prior to the completion of the new apartment building, negotiations were opened by officers of the University with Mr. Hunsicker in an effort to acquire the property. Mr. Hunsicker, however, refused to sell to the University at that time. The University has had careful and detailed appraisals made of the entire property and negotiations have been conducted by officers of the University with the owner for the acquisition of this property based upon these appraisals. A great number of conferences with the owner have been held and it is now established that the owner and the University can not agree on the amount of compensation to be paid to him for this property. Mr. Hunsicker is unwilling to sell to the University except at a price which the University officers deem decidedly exorbitant and excessive.

It is therefore necessary to request that the Board of Trustees resort to its right of eminent domain in order to acquire title to this property at a fair and reasonable price, and the Vice-President and Comptroller, the Director of the Physical Plant Department, and the Legal Counsel so recommend.

I concur and recommend adoption of the following resolution.

Resolution

It is hereby resolved, found and declared by The Board of Trustees of the University of Illinois that the following described real estate, situated in the City of Urbana, County of Champaign and State of Illinois, viz.:

The West 67 feet of Lot Three (3) in Block Two (2) of Burpee, Curtiss and Somers' Addition of Out Lots to the City of Urbana,

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, as the site for a building needed and to be constructed by said University for educational purposes and to enable said University to discharge its duties to the people of said state and for public use; that funds available for the purchase of said land have been appropriated to The Board of Trustees of the University of Illinois by the General As-

sembly of the State of Illinois; that this Board of Trustees has negotiated with William R. Hunsicker, the owner of said land for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but he has refused to sell and convey the land to The Board of Trustees of the University of Illinois for such price and continues to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems excessive and exorbitant and is unwilling, and has refused to pay therefor; and

It is further hereby resolved, found and declared by said The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and said William R. Hunsicker and he and it are unable to agree upon the purchase price to be paid him for the sale and conveyance by him thereof to said The Board of Trustees of the University of Illinois; and

It is further hereby resolved, found and declared by this Board of Trustees of the University of Illinois that, because of said need of said University for said land for said purposes and because the compensation to be paid the said William R. Hunsicker as the owner thereof therefore can not be agreed upon between him and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to said William R. Hunsicker and any and all other persons who may have any right, title or interest in and to said land therefore determined in the manner provided by law for the exercise of said right of eminent domain; and

It is further hereby resolved by this Board of Trustees that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction, and that the Legal Counsel of said University be, and he is hereby authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

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

CONDEMNATION OF PROPERTIES AT 1013 AND 1101 WEST GREEN STREET AND 1104 WEST ILLINOIS STREET, URBANA, ILLINOIS

(14) The University now owns property in the 1000 block and 1100 block on West Green Street and the 1000 block and 1100 block on West Illinois Street in Urbana, Illinois. Mrs. Lena M. Thompson owns four parcels of real estate; two of which front Green Street, one fronts on Illinois Street, and the fourth is an irregular shaped parcel in the center of the block, having no street frontage but joining the other three parcels. The street addresses of the three parcels on Green Street and Illinois Street are 1013 and 1101 West Green Street and 1104 West Illinois Street. These parcels of real estate, together with other lots in the block bounded on the north by Green Street and the south by Illinois Street, are needed by the University as a site for the contemplated Single Men's Dormitories, Unit No. 4.

The property at 1013 West Green Street is occupied by Mrs. Thompson as her personal residence and is used as a rooming house, housing five students in addition to Mrs. Thompson's own apartment. The building at 1101 West Green Street is presently used as a rooming house in which ten graduate women students reside. The large frame residence converted to an apartment building at 1104 West Green Street is rented by Mrs. Thompson to tenants, who in turn

provide room and some boarding facilities for students. The property has a total frontage on Green Street of 164.25 feet, more or less, and a frontage on Illinois Street of 75 feet. The depth on the western boundary is approximately 293 feet. The total depth of the properties which adjoin north and south between Green Street and Illinois Street is about 462 feet. Another adjoining tract 66 feet by 60 feet extends south of the property owned by the University at 1011 West Green Street.

After careful appraisal of this property by University appraisers, negotiations have been conducted by officers of the University with Mr. and Mrs. Thompson and with real estate agents who purport to represent both Mrs. Thompson and her husband, Finney W. Thompson, with the view toward the ultimate acquisition of these properties by the University. Several conferences with the representatives of Mr. and Mrs. Thompson have been held, with Mr. and Mrs. Thompson personally, and it is now established that Mr. and Mrs. Thompson and the University can not agree on the amount of compensation to be paid to them for these properties. Mr. and Mrs. Thompson are unwilling to sell to the University, except at prices which the University officers deem decidedly exorbitant and excessive.

It is therefore necessary to request that the Board of Trustees resort to its right of eminent domain in order to acquire title to this property at a fair and reasonable price, and the Vice-President and Comptroller, the Director of the Physical Plant Department, and the Legal Counsel so recommend.

I concur and recommend adoption of the following resolution.

Resolution

It is hereby resolved, found and declared by The Board of Trustees of the University of Illinois that the following described real estate, situated in the City of Urbana, County of Champaign and State of Illinois, viz.:

All of Lot Nine (9) of W. M. Goodwin's Addition to the City of Urbana, except therefrom the East 60 feet thereof, and also except therefrom the South 200 feet thereof; and

The East Half (E ½) of Lot Ten (10) of W. M. Goodwin's Addition to Urbana, except the South 168 feet thereof; and

Commencing at the Southwest corner of Lot Nine (9) of W. M. Goodwin's Addition to Urbana, Illinois, running thence East on the North line of Illinois Street 75 feet, thence North 175 feet, thence West 75 feet, thence South on the West line of said Lot Nine (9), 175 feet to the place of beginning; and

Beginning at a point 175 feet North of the Southwest corner of Lot Nine (9) of W. M. Goodwin's Addition to Urbana, Illinois, thence North 25 feet, then East 89½ feet, thence North 41 feet to the Southwest corner of a tract of land formerly owned by Lucie H. Parr, thence East 60 feet, thence South 66 feet, thence West 149½ feet to the place of beginning.

is needed by the University of Illinois, an educational institution, established and supported by the State of Illinois, as the site for a building needed and to be constructed by said University for educational purposes and to enable said University to discharge its duties to the people of said state and for public use; that funds available for the purchase of said land have been appropriated to The Board of Trustees of the University of Illinois by the General Assembly of the State of Illinois; that this Board of Trustees has negotiated with Lena M. Thompson, the owner of said land and Finney W. Thompson, her husband, and with their duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but they have refused to sell and convey the land to The Board of Trustees of the University of Illinois for such price and continue to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems excessive and exorbitant and is unwilling, and has refused to pay therefor; and

It is further hereby resolved, found and declared by said The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and said Lena M. Thompson and she and it are unable to agree upon the purchase price

to be paid to her for the sale and conveyance thereof by her and her husband to the said The Board of Trustees of the University of Illinois; and

It is further hereby resolved, found and declared by this Board of Trustees of the University of Illinois that, because of said need of said University for said land for said purposes and because the compensation to be paid the said Lena M. Thompson as the owner thereof therefor cannot be agreed upon between her and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to said Lena M. Thompson and any and all other persons who may have any right, title or interest in and to said land therefore determined in the manner provided by law for the exercise of said right of eminent domain; and

It is further hereby resolved by this Board of Trustees that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction, and that the Legal Counsel of said University be, and he is hereby authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceedings.

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

CONTRACT WITH HOSPITAL SERVICE CORPORATION (BLUE CROSS-BLUE SHIELD)

(15) Representatives of Hospital Service Corporation and of Illinois Hospital Service, Inc. (Blue Cross-Blue Shield) have inquired about bringing the McKinley Hospital and the Research and Educational Hospitals into the Blue Cross-Blue Shield plan. This would be of advantage to patients who carry Blue Cross-Blue Shield insurance, since payments to non-contract hospitals are limited to \$6.00 a day. Approximately twice as much would be paid if McKinley Hospital and the Research and Educational Hospitals were contract hospitals. Since many patients of the Research and Educational Hospitals carry this kind of insurance and are frequently unable to pay any charges not covered by insurance, the income of the Hospitals will be materially increased by execution of the contract.

The only disadvantages to execution of the contract appear to be the requirements of submitting annual operating statements, which will necessitate some additional work in modifying the statements presently prepared, and the possibility of Blue Cross disapproving payments in excess of 105 per cent of the actual per diem costs. The possibilities of any disallowances are very remote, however, since the University's rates are at cost or less.

The Vice-President and Comptroller, the Vice-President in charge of the Chicago Professional Colleges, the Dean of Students, the Medical Director of the Research and Educational Hospitals, and the Medical Director and the Acting Administrator of the University Health Services have all reviewed the proposed contract and recommend its approval. It has also been approved as to form by the Legal Counsel.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute contracts to make the McKinley and the Research and Educational Hospitals contract hospitals under the Blue Cross-Blue Shield plan.

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

ADDITION TO CONTRACT WITH CONSULTING ENGINEERING SERVICE

(16) Consulting Engineering Service, Urbana, has been employed for the engineering studies and the preparation of working drawings for air conditioning installations in the Illini Union Building under the provisions of its contract approved by the Board of Trustees on September 23, 1953.

At the time the project was authorized, the estimated cost of the engineering services was \$2,500. Because of problems in finding adequate space for ducts and piping, as well as for additional ventilating equipment in the attic and extension of the installations to serve work spaces and offices in the mezzanine area, the total cost of the engineering services is now estimated at \$3,460. All projects under the contract with Consulting Engineering Service involving engineering costs in excess of \$2,500 require the approval of the Board, and I request that the Comptroller be authorized to execute a contract change order for this work.

On motion of Mr. Williamson, the Comptroller was authorized to execute this change in the contract.

PURCHASES**Purchases Authorized**

(17) The following purchase was authorized by the Executive Committee on recommendation of the Director of Purchases and the Vice-President and Comptroller.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One Universal X-ray planigraph to be delivered and installed in the Department of Radiology	Radiology	Westinghouse X-ray Division, Chicago	\$10 523 00 delivered and installed

The following purchases were 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 purchases 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>
Nine wattmeters, dynamometer type, British standards	International Cooperation Administration Contracts	Sangamo Weston Limited, Middlesex, England	\$ 2 956 80 c.i.f. Calcutta, India
Five ammeters, portable precision, 5 amperes, British standards			
Eight voltmeters, portable precision, laboratory type, British standards			
One strain gage control assembly, consisting of a six-channel carrier amplifier, six transducers, inductance type, and cable accessories; export packed	International Cooperation Administration Contracts	Heiland Division, Minneapolis-Honeywell Regulator Co., Denver, Colo.	4 685 85 f.a.s. New York, N.Y.
Thirteen transducers, for detecting thirteen different forces such as minute pressures, vibrations, accelerations, rotary actions, and strains	International Cooperation Administration Contracts	Vibro-Meter Ltd., Fribourg, Switzerland	5 347 74 c.i.f. Calcutta, India
One oscillator-amplifier, twin channel, and accessories for evaluating the transducer signals			
One engine dynamometer, 0 to 300 h.p. complete with spare parts, tachometer take-off, torque arm, and control valves; export packed	International Cooperation Administration Contracts	Clayton Manufacturing Co., El Monte, Calif.	3 525 00 f.o.b. Los Angeles Harbor, Calif.
One recorder, audio-frequency response and spectrum, including a beat frequency oscillator, selective amplifier and analyzer, and high speed level recorder; export packed	International Cooperation Administration Contracts	Brush Electronics Co., International Department, Cleveland, Ohio	5 931 91 c.i.f. Calcutta, India
One potentiometer, recording electronic, 0 to 10 millivolts, complete with accessories and a Selsyn signal system; export packed	International Cooperation Administration Contracts	Minneapolis-Honeywell Regulator Co., Peoria	1 854 86 f.a.s. New York, N.Y.
One assembly high pressure (15,000 P.S.I.) laboratory equipment including gas booster pump, shaking machine, micro shaker, and accessories; export packed	International Cooperation Administration Contracts	High Pressure Equipment Co., Erie, Pa.	5 066 63 f.a.s. New York, N.Y.

On motion of Mr. Herrick, these purchases were 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>
<i>Illinois Alumni News</i>	Alumni Association	The Interstate Printers & Publishers, Inc., Danville	\$16 942 30
Eight issues (20,000 copies each)			f.o.b. delivered
Two issues (90,000 copies each)			
Parts for Spinco model E ultracentrifuge:	Chemistry and Chemical Engineering	Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.	2 830 00
One rotor temperature indicator			f.o.b. Urbana
One ultraviolet absorption optical system			
One lot laboratory equipment and supplies (a complete list, with descriptions, of the items included in this order was available at the Board meeting)	General Chemical Stores	Schaar & Co., Chicago	7 018 86
			f.o.b. destination
One stereotape plotter, third order type, for photogrammetric uses	Civil Engineering	Transmares Corp., New York, N.Y.	3 200 00
			f.o.b. New York, N.Y.
Four optical repeating transits, less trade-in of four Vernier type transits	Civil Engineering	Wild Heerbrugg Instruments, Inc., Port Washington, N.Y.	3 238 00
One spirit type level, less trade-in of one dumpy level			f.o.b. Urbana
Cost plus fixed fee contract for the production and delivery of ten semi-precision hollow aluminum balls	Control Systems Laboratory	Professional Instruments Co., Minneapolis, Minn.	8 332 40
			f.o.b. Urbana
One data plotter, 30 in. by 30 in., 40-60 points a minute, complete with tape reader, symbol head, and four servo-set potentiometers, additional scale factors, and parallax controls	Control Systems Laboratory	Electronic Associates, Inc., Long Branch, N.J.	16 940 00
			f.o.b. Long Branch, N.J.
One microscope, research, Universal, with complete optic and accessories for polarized light and photomicrography	Geology	W. H. Kessell & Co., Chicago	2 857 50
			f.o.b. delivered and installed
50,000 Prednisone 5-mg. tablets	Pharmacy, Research and Educational Hospitals	The Upjohn Co., Chicago	4 625 00
Five RCA photomultiplier tubes type 7046	Physics	Lukko Sales Corp., Chicago	2 912 50
			f.o.b. delivered
150 cases toilet tissue; 1000-sheet rolls	Physical Plant	Illini Chemical Co., Champaign	3 857 00
100 cases toilet tissue, 2000-sheet rolls			f.o.b. delivered
100 cases 10 1/4 in. by 13 1/4 in. bleached paper towels			
300 cases 10 1/4 in. by 13 1/4 in. unbleached paper towels			

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

COMPTROLLER'S REPORT OF CONTRACTS

(18) The Comptroller's report of contracts executed during the period November 1 to 30, 1957.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Bendix Products Division, Bendix Aviation Corp.	Thermal diffusivity and elastic moduli of ceramic-metal combinations	\$12 700 00	September 15, 1957
Smith, Kline & French Laboratories	Potential nematocidal compounds	5 000 00	November 26, 1957
State of Illinois, Department of Public Welfare	Process of adjusting to a severely mentally retarded child in the family	90 800 00	July 1, 1957
State of Illinois, Department of Public Welfare	Trainability of brain injured mental defectives	35 660 00	July 1, 1957
State of Illinois, Department of Public Welfare	Objective measures of interest and motivation strength in children	36 774 00	July 1, 1957
State of Illinois, Department of Public Welfare	Training attendants in institutions for the mentally defective	28 696 00	July 1, 1957
State of Illinois, Department of Public Welfare	Child behavior and parent-child interaction patterns	16 545 00	July 1, 1957
United States Air Force AF-01(611)-433	Flight instruction	18 294 53	September 25, 1957

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF-49(638)-242	Cholesterol metabolism	\$ 2 286 00	October 1, 1957
United States Army DA-11-022-507-ORD-2607	Mechanical properties of low density-controlled porosity sintered iron	8 988 00	November 1, 1957
United States Navy N600(P)-45857	Books, nonexpendable supplies, and equipment	2 006 67	July 1, 1957
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Johnny Marlowe	Dance held at the Chicago Undergraduate Division	\$ 210 00	October 30, 1957

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
International Harvester Co.	One Farmall No. F230 tractor; one 14 in. plow; one cultivator; one 6 ft. mower	\$ 297 57 annually	July 1, 1957
International Harvester Co.	One Farmall No. F350 tractor	347 65 annually	July 1, 1957
International Harvester Co.	One No. I350 tractor	318 58 annually	July 1, 1957
International Harvester Co.	One McCormick No. 30, three bottom 14 in. moldboard plow	39 96 annually	October 28, 1957
New Holland Machine Co.	One No. 800 PTO base unit forage harvester and attachments	300 08 annually	July 1, 1957
New Holland Machine Co.	Two No. 330 manure spreaders	135 40 annually	July 1, 1957
New Holland Machine Co.	One super No. 77 PTO baler	218 65 annually	September 20, 1957
Perfection Steel Body Co.	One No. 51 B Colry PTO unloading wagon	40 10 annually	November 15, 1957

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	\$ 1 000 00	September 20, 1957
Chas. F. Pfizer & Co., Inc.	Mechanism of antibiotic action	2 500 00	October 18, 1957
Sandia Corp.	Shock diffraction phenomena	4 600 00	October 18, 1957
Tee-Pak Foundation	Types of films as retardants to deterioration of meat	3 500 00	August 28, 1957
Tennessee Valley Authority	Marketing and distribution of bulk-blended fertilizer	6 000 00	July 1, 1957
United States Air Force AF-18(600)-1535	Electrochemistry of rare earth metals and thorium salts	12 560 00	October 21, 1957
United States Air Force AF-29(601)-544	Confidential	132 253 00	October 10, 1957
United States Army DA-11-022-ORD-1707	Exploration and application of turbulence theories	9 710 00	November 7, 1957
United States Army DA-49-007-MD-544	Nutritive value of major nutrients of irradiated food	70 000 00	September 30, 1957
United States Army DA-49-007-MD-569	Influence of interpersonal relations on team effectiveness	2 000 00	August 31, 1957
United States Atomic Energy Commission AT(11-1)-67 Project No. 2	Nutritional biochemistry on the metabolism of vitamins and amino acids	8 500 00	October 30, 1957
United States Atomic Energy Commission AT(11-1)-67 Project No. 3	Mechanism of substitutional diffusion in metals	39 684 00	November 18, 1957
United States Atomic Energy Commission AT(11-1)-67 Project No. 12	Metabolism of amino acids labeled with radioactive carbon	5 525 00	November 18, 1957

Adjustments Made in 1957-58 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Eleven items; \$16.55 deduct to \$537.00	\$ 1 812 45	November, 1957

This report was received for record.

GIFT FROM STATION WGN OF MUSIC ARCHIVES

(19) The University has received from WGN, Inc., Chicago, one of the nation's pioneer radio and television stations and one of the most active in music programming, its complete collection of music arrangements acquired during the past three decades. The collection consists of 30,000 pieces of music, many of them complete scores, from popular music to symphony, sinfonietta, chamber music, and operas. It includes many unpublished, out-of-print, and original works. The collection cost WGN at least \$200,000 but much of it could not be duplicated at any price. The collection is housed in steel cabinets, worth \$6,000, which were also given to the University.

The collection will be used by the School of Music for teaching, research, and for student and faculty concerts. It will also be used by the Division of University Extension as a lending library to serve music groups in high schools, colleges, community arts organizations, and other institutions, in much the same way as the Division's Audio-Visual Aids Service, which now operates the world's largest educational film lending library, serves in its field.

I am pleased to report this gift for official public record.

This report was received for record.

On motion of Mr. Bissell, the Secretary was requested to send the officials of Station WGN, Inc., an expression of appreciation for this fine gift.

REPORT OF GIFTS AND GRANTS RECEIVED BY THE UNIVERSITY

(20) The following gifts and grants of funds received by the University have been accepted by the President and are now being reported for official record. Unless otherwise specified, these grants include payments received during the period from July 1, 1956, through June 30, 1957. (In many cases a period of several months may elapse between the time an offer is accepted and the final payments have been received. Hence, to avoid complications in audits of University accounts, monetary gifts are usually reported after the funds have been deposited with the University.)

Colleges and Schools at Urbana-Champaign

Undergraduate Scholarships, Prizes, and Other Financial Aids

1. Advertising Executives Club of Chicago: scholarship in advertising, College of Journalism and Communications..... \$ 100 00
2. The Alcoa Foundation, Pittsburgh, Pennsylvania..... 625 00
For undergraduate scholarships..... \$125 00
(This was a grant to the University which accompanied a scholarship award to a recipient of one of the Alcoa Foundation's scholarships established for sons and daughters of the Aluminum Company of America.)
For the Aluminum Company of America Scholarship in ceramic engineering, academic year 1957-58..... 500 00
3. Robert Allerton, Hawaii: to continue the Allerton American Traveling Scholarships in architecture, academic year 1957-58.... 800 00
4. The Allstate Foundation, Skokie: scholarships and expenses in connection with a regular summer session (1957) course for the training of teachers in high school driver education..... 3 000 00
5. American Cyanamid Company, Lederle Laboratories Division, Pearl River, New York: for the Lederle Veterinary Medical Student's Research Scholarship, academic year 1956-57..... 1 000 00
6. American Foundrymen's Society, Chicago Chapter: for the Robert E. Kennedy Memorial Scholarship (this is a gift to the Chicago Undergraduate Division, received March, 1956)..... 125 00
7. American Society for Metals Foundation for Education and Research, Cambridge, Massachusetts: scholarship in metallurgical engineering, academic year 1956-57..... 400 00
8. Mrs. Margaret Anderson, Morris, Illinois: to the School of Music for the William Anderson Scholarship in music..... 10 00
9. Armstrong Cork Company, Lancaster, Pennsylvania: scholarship, academic year 1956-57..... 115 00

10. Barber-Colman Company, Rockford, Illinois: scholarships in engineering.....	I 560 00
11. The Borden Company Foundation, Inc., New York, New York: to continue the annual Borden scholarship awards (\$300 each) in agriculture and home economics for five years from 1958....	3 000 00
12. Lou Boudreau Fund (a trust set up in the National Bank of Harvey, Illinois, by citizens of that community): The Lou Boudreau Scholarship	180 00
13. Campus Chest (University of Illinois undergraduate fund-raising organization): scholarships	I 950 00
14. The Chicago Farmers, Chicago: scholarship for a senior student in agriculture (this scholarship was established in 1948).....	500 00
15. Chicago Illiniweeks: scholarship to a junior or senior from the Chicago area who is active in campus affairs.....	180 00
16. Chicago Restaurant Association, Chicago: scholarship in restaurant management	200 00
17. The Chicago Title and Trust Company Foundation of Chicago: scholarships in the College of Law.....	5 000 00
18. C. A. Conklin Truck Line, Inc., Toledo, Ohio: for the Beatrice Kieshin Transport Scholarship, academic year 1957-58.....	500 00
19. Corn Products Refining Company, Chicago: four scholarships (\$600 each) in engineering or physical science, academic year 1956-57.....	2 400 00
20. Crane Company, Chicago.....	I 000 00
Scholarship in the College of Commerce and Business Administration	\$500 00
Scholarship in the College of Engineering.....	500 00
21. Dads Association, University of Illinois: scholarships.....	I 300 00
22. Douglas Aircraft Company, Inc., Santa Monica, California: renewal of scholarship in aeronautical or mechanical engineering, academic year 1957-58.....	750 00
23. Elmhurst Elementary Schools, Elmhurst: scholarships for students pursuing studies in preparation to teach mentally retarded children	75 87
24. Federal Land Bank of St. Louis, St. Louis, Missouri: two one-year scholarships each to freshmen entering the College of Agriculture beginning in 1957.....	I 000 00
25. Foundry Educational Foundation, Cleveland, Ohio:.....	I 250 00
Scholarships in engineering.....	\$1 000 00
To the Department of Mechanical Engineering for cast metals promotion	250 00
26. Gamma Zeta Educational Charities, Inc. (organized to further education and scholastic endeavor at the University of Illinois), Chicago: two scholarships (\$200 each).....	400 00
27. General Electric Educational and Charitable Fund, Schenectady, New York	I 700 00
Scholarship in accounting, academic year 1956-57.....	\$1 000 00
Undergraduate scholarships	700 00
28. General Motors Corporation, Detroit, Michigan: scholarships under the General Motors College Plan, academic year 1956-57..	6 650 00
29. Holophane Company, Inc., New York, New York: for the Holophane Company illuminating engineering scholarships (\$400 received prior to June 30, 1956).....	600 00
30. Illinois Congress of Parents and Teachers: scholarships.....	2 500 00
31. Illinois Federation of Women's Clubs: scholarships in occupational therapy	I 606 24
32. Illinois Federation of Women's Clubs, Third Congressional District: scholarships in occupational therapy.....	2 000 00
33. Illinois Mining Institute: scholarships in mining engineering...	400 00
34. Illinois State Federation of Labor: two \$500 scholarships to a son or daughter of a member in good standing of an AFL union	I 000 00
35. Illinois State Restaurant Association, Springfield: three scholarships in restaurant management.....	250 00

36. Jones and McKnight Foundation, Chicago, Illinois: scholarship in civil engineering.....	500 00
37. Junior Women's Advertising Club of Chicago: scholarships for women students in the advertising program of the College of Journalism and Communications.....	400 00
38. Kensington Steel Foundry, Chicago: scholarships in mechanical engineering (Chicago Undergraduate Division).....	375 00
39. David Kinley Educational Foundation, Chicago: scholarships in the College of Commerce and Business Administration.....	I 500 00
40. The Kroger Company, Cincinnati, Ohio: six scholarships (\$200 each) in agriculture and home economics.....	I 200 00
41. Captain James M. Lane, former Professor of Naval Science at the University of Illinois: scholarships (\$400 was received in December, 1955)	800 00
42. Lions Clubs in the Chicago area: graduate and undergraduate scholarships for students undertaking training for teaching of handicapped children	4 250 00
Central Lions Club of Chicago.....	\$500 00
LaGrange Lions Club.....	500 00
Lions of District I-A.....	250 00
Lions of District I-C.....	250 00
Lions of District I-J.....	500 00
Logan Square Lions Club, Chicago.....	500 00
Lyons Lions Club.....	500 00
Northcenter Lions Club of Chicago.....	250 00
Uptown Lions Club, Chicago.....	500 00
In the name of Claribel Woodward.....	500 00
43. Men's Residence Halls Association: scholarship, academic year 1957-58.....	50 00
44. The Meyer-Ceco Foundation, Chicago: scholarships in civil and general engineering	I 000 00
45. Mississippi Valley Structural Steel Company, St. Louis, Missouri: scholarships to students in civil engineering and architectural engineering who are interested in careers in the structural steel fabricating industry	900 00
46. Monsanto Chemical Company, St. Louis, Missouri: scholarships in chemical engineering, academic year 1957-58.....	500 00
47. Mothers Association, University of Illinois: scholarships.....	390 00
48. Motorola, Inc., Chicago, Illinois: two scholarships in the Department of Art, academic year 1956-57.....	I 000 00
49. National Merit Scholarship Corporation, Evanston: scholarships to students who are not Merit Scholars, equal to tuition, exclusive of fees, for students who are residents of the state (the National Merit Scholarship Program is a nationwide cooperative program of assistance to students of exceptional ability and to the colleges they select).....	I 040 00
50. Nelson (Herman W.) Memorial Scholarship Fund (formerly American Air Filter Foundation), Moline: scholarships in engineering.....	I 000 00
51. Owens-Illinois Glass Company, Toledo, Ohio: scholarships.....	870 00
52. Pi Kappa Lambda music fraternity: for the F. B. Stiven Memorial Scholarship in music.....	500 00
53. Pittsburgh Consolidation Coal Company, Library, Pennsylvania: renewal of scholarship in chemical engineering, academic year 1957-58.....	500 00
54. The Presser Foundation, Philadelphia, Pennsylvania: renewal of scholarship in music, academic year 1956-57.....	350 00
55. Ralston Purina Company, St. Louis, Missouri: scholarship in the College of Agriculture, academic year 1956-57.....	500 00
56. Rock Island County University of Illinois Mothers Association: scholarship for a student attending the University from the metropolitan area of Rock Island, Moline, East Moline, or Silvis	130 00

57. Scully Foundation, Chicago: scholarship in mechanical or industrial engineering	275 00
58. Sears-Roebuck and Company Foundation, Chicago: to continue scholarships in agriculture, academic year 1956-57.....	4 425 00
59. Alfred P. Sloan Foundation, Inc., New York, New York: to provide annual stipends for five Alfred P. Sloan National Scholars for a two-year period beginning with the academic year 1957-58.....	3 500 00
60. Southern Illinois Lathing and Plastering Commission, East St. Louis, Illinois: scholarship in architecture.....	2 500 00
61. Student Organization Fund: scholarships.....	1 203 50
62. Union Carbide and Chemicals Corporation, Linde Air Products Company, New York, New York: scholarship for a senior in mechanical engineering, academic year 1957-58.....	330 00
63. United Cerebral Palsy Association, Inc., New York, New York: scholarships in occupational therapy.....	163 20
64. United States Office of Vocational Rehabilitation: scholarship in occupational therapy.....	1 100 00
65. Universal Oil Products Company, Des Plaines, Illinois: renewal of scholarship in chemical engineering, academic year 1957-58..	1 000 00
66. Warren and Van Praag, Inc., Decatur, Illinois: for the Alex Van Praag, Jr. Scholarship.....	5 000 00
67. Western Electric Company, New York, New York: three scholarships in engineering, academic year 1956-57.....	750 00
68. Zeta Tau Alpha Foundation: to establish the Zeta Tau Alpha scholarship in honor of Shirley Krecsan Strout, to be awarded to an outstanding woman student in the College of Journalism and Communications	250 00
69. Agricultural Institute, St. Louis, Missouri: to establish the Robert R. Hudelson Student Fund, to be administered by the committee in charge of student loans.....	250 00
70. Alfred S. Alschuler: to the Department of Architecture for a student award	47 40
71. The American Assembly, Graduate School of Business, Columbia University, New York, New York: expenses for a midwest conference on the Representation of the United States Overseas, held at the University of Illinois in cooperation with the Universities of Wisconsin, Minnesota, and Michigan.....	7 500 00
72. American Mathematical Society: to the Department of Mathematics to contribute to the cost of publishing a Journal of Mathematics.....	2 000 00
73. Artists and Writers Guild, Inc., New York, New York: to the Museum of Natural History for the acquisition of research specimens	250 00
74. The Asia Foundation, San Francisco, California: to assist professors on this campus in sending books to their Asian colleagues	500 00
75. The Babcock and Wilcox Company, New York, New York: for current expenses in engineering and technical education (this is part of an over-all aid-to-education appropriation proportioned on the basis of the number of graduates of Illinois currently in the employ of the Babcock and Wilcox Company).....	1 300 00
76. Carnegie Corporation, Kansas City, Missouri: for expenses of a workshop on higher education.....	4 150 00
77. Center for the Study of Liberal Education for Adults, Chicago: to the Department of Sociology and Anthropology for clerical expenses involved in the analysis of a collection of data relating to community action programs in the United States.....	150 00
78. Collins Radio Company, Cedar Rapids, Iowa: to the College of Engineering to be used to supplement the income of a part-time instructor or graduate assistant who is working on the Ph.D. degree	1 500 00

79. Concert and Entertainment Board, University of Illinois: to the School of Music for awards to students participating in its activities	500 00
80. University of Illinois Dads Association: for the Dean of Men's Emergency Fund to aid needy students.....	150 00
81. Dr. and Mrs. Arthur L. Ennis, Decatur: for the student loan fund	100 00
82. The Ford Foundation, New York, New York: Ministry of Education of the Republic of Turkey to continue the program for the improvement of secondary school education in that country..	30 000 00
83. The Glidden Company, Cleveland, Ohio: to the Department of Chemistry and Chemical Engineering for the Glidden Company lecture in chemistry.....	500 00
84. B. F. Goodrich Fund, Inc., Akron, Ohio: for the B. F. Goodrich Aid to Higher Education Gift Matching Program.....	10 00
85. Grubb and Petersen Advertising Agency, Champaign, Illinois: to the College of Journalism and Communications for the Grubb and Petersen advertising grant.....	250 00
86. Higher Education Commission, Chicago: to the Bureau of Educational Research for expenses of a study proposal on junior colleges	1 490 00
87. Illinois Council on Educational Administration: employment of a one-fourth-time assistant to aid Professor Raymond J. Young, who serves as research coordinator of this organization.....	2 625 00
88. Illinois Seed Dealers Association, Dietrich: to the Department of Agronomy for operating expenses of the exhibit trailer which was purchased a few years ago with a previous gift from this organization.....	2 000 00
89. Institute of Design, Illinois Institute of Technology: to cover the costs involved in preparing the material for the exhibit, Young American Industrial Designers (the Institute of Design was selected by the United States Information Agency to coordinate and build this display, and the University of Illinois was one of the eight institutions selected to participate in the exhibition) ..	1 000 00
90. Institute of International Education: to conduct a special intensive course in English during the second semester of 1956-57 for fifteen Hungarian students (this grant included full cost of instruction and living expenses of participants).....	6 658 60
91. Kivett and Myers and McCollum, Kansas City, Missouri: to the Department of Architecture for a student award.....	100 00
92. Lawyers Title Insurance Company, Richmond, Virginia: to the College of Law to be used as an honor and reward for excellence to a senior law student (this will be an annual gift from this Company to the College of Law).....	100 00
93. Maize Genetics Cooperation: to the Department of Botany for the cost of publication of the Maize Genetics Cooperation Newsletter.....	385 00
94. Lauriston C. Marshall, Indianapolis, Indiana: for expenses incurred in the preparation of an experimental composition for the 1957 Festival of Contemporary Music.....	500 00
95. Michigan Standard Alloys Sales Company, Inc., Benton Harbor, Michigan: to the Department of Spanish and Italian for the purchase of a tape recorder.....	250 00
96. Midwestern University Research Association: to the Department of Physics for the work of MURA on the cosmotron development.....	29 089 34
97. National Association of Home Builders, Washington, D.C.: to the Small Homes Council to explore problems in certain areas of component house construction.....	2 800 00
98. National Committee for Education in Family Finance: to pay the costs of operating a summer workshop in family finance during the 1956 and 1957 summer sessions.....	12 000 00

99.	Walter A. Netsch, Jr., architect, Chicago: to the Department of Architecture for a student award.....	125 00
100.	Perkins and Will, Chicago: to the Department of Architecture to foster leadership in the architectural profession.....	1 000 00
101.	Readers Digest Association, Inc., New York, New York: to one or more worthy undergraduate or graduate students majoring in social work	500 00
102.	Rohm and Haas Company, Philadelphia, Pennsylvania: to the Department of Chemistry and Chemical Engineering for the purchase of general equipment.....	5 000 00
103.	Russell Sage Foundation, New York, New York: to the Department of Psychology to complete a study of application of social science to child development and parent education.....	2 800 00
104.	Mrs. Howard Sargent, Portland, Oregon: to add to the Elsie Anderson Memorial Loan Fund.....	5 60
105.	Smith, Kline, and French Foundation, Philadelphia, Pennsylvania: for their matching Corporate Alumnus Program (these gifts match gifts given to the Illini Achievement Fund by employees of Smith, Kline, and French who are also alumni of the University, and the funds have been assigned to the Achievement projects designated by the employees).....	150 00
106.	Smithsonian Institution: for a joint project sponsored by the University and the Institution for craft work originating at this University.....	125 00
107.	Socony Mobil Oil Company, Inc., Paulsboro, New Jersey: to the Department of Chemistry and Chemical Engineering for the purchase of a vapor phase chromatographic unit.....	3 100 00
108.	A. E. Staley Company, Decatur, Illinois: to defray certain of the expenses of a survey on one of their products by a class of students in marketing.....	500 00
109.	United Cerebral Palsy Association, Inc., New York, New York: to the Institute for Research on Exceptional Children for a study of the language process of preschool cerebral palsied children.....	6 542 64
110.	University of Illinois Alumni Association, through the sale of recordings of the University of Illinois Band: to the University of Illinois Bands (the gift has been deposited in the W. R. Bradley Band Fund, the income of which is used for the annual band banquet)	2 000 00
111.	From various donors for expenses involved in the preparation of a commemorative brochure for the informal reception and commemorative dinner for Dr. Arthur Cutts Willard, President, <i>Emeritus</i> , held on February 25, 1957.....	850 00
112.	From the donors listed below to add to the Women's Student Aid Fund	2 320 00
	Marion Berry	\$ 25 00
	Champaign-Urbana Panhellenic	25 00
	Dads Association	150 00
	First State Bank of Monticello, Illinois.....	50 00
	Renee Freedman, St. Louis, Missouri.....	20 00
	Shirley Jorgensen, Kankakee, Illinois.....	15 00
	Mrs. Ezra Levin, Champaign.....	50 00
	Lincoln Avenue Residence (North).....	100 00
	Panhellenic Ball	1 000 00
	Priscilla Perry	10 00
	Pi Beta Phi Alumnae.....	100 00
	Shorter Board	75 00
	Sycamore Hall	75 00
	University of Illinois Mothers Association.....	125 00
	Women's Group System.....	500 00
	<i>Total, Undergraduate Scholarships, Prizes, and Other Financial Aids.....</i>	<i>(215 552 39)</i>

Funds for Graduate Fellowships and Research

113. Abbott Laboratories, North Chicago: a Roger Adams Fellowship in organic chemistry, academic year 1957-58.....	2 000 00
114. Allegheny Ludlum Steel Corporation, Brackenridge, Pennsylvania: a fellowship in physics, academic years 1956-57 and 1957-58 (\$4,000 each year).....	8 000 00
115. National Aniline Division of the Allied Chemical and Dye Corporation, New York, New York: renewal of a fellowship in chemistry, academic year 1957-58.....	2 180 00
116. Alumni of the University of Illinois Library School: for the Katharine L. Sharp Fellowship, academic year 1957-58.....	600 00
117. American Cyanamid Company, New York, New York: renewal of a fellowship in chemistry, academic year 1956-57.....	2 186 00
118. American Dairy Association, Chicago: a fellowship in food technology, academic year 1956-57.....	1 500 00
119. American Oil Company, Texas City, Texas: a fellowship in chemistry and chemical engineering, academic year 1957-58.....	2 500 00
120. Armco Steel Corporation, Middletown, Ohio: a fellowship in ceramic engineering, academic year 1956-57.....	1 800 00
121. The California Company, New Orleans, Louisiana: tuition and fees for a fellowship in soil mechanics (the stipend of \$2,250 was reported to the Board on December 20, 1955).....	83 00
122. Celanese Corporation of America, New York, New York: renewal of fellowship in physics, academic year 1956-57.....	2 500 00
123. Chicago Bridge and Iron Foundation, Chicago: continuation of an assistantship in civil engineering.....	3 500 00
124. Corning Glass Works, New York, New York: renewal of a fellowship in physics, academic year 1956-57.....	3 386 00
125. E. I. du Pont de Nemours and Company, Wilmington, Delaware: Renewal of a postgraduate teaching assistantship in chemistry, academic year 1956-57.....	10 400 00
Renewal of a postgraduate fellowship in biochemistry (Department of Bacteriology), academic year 1956-57	\$3 650 00
Renewal of a postgraduate fellowship in chemical engineering, academic year 1956-57.....	3 064 00
126. Eastman Kodak Company, Rochester, New York: a fellowship in chemistry, academic years 1956-57 and 1957-58.....	3 686 00
127. Esso Research and Engineering Company, Linden, New Jersey: a postdoctoral fellowship in chemistry, academic year 1957-58...	7 072 00
128. Ethyl Corporation, Detroit, Michigan: renewal of a fellowship in chemistry, academic year 1956-57.....	5 500 00
129. Firestone Tire and Rubber Company, Akron, Ohio: renewal of a fellowship in chemistry and chemical engineering, academic year 1956-57.....	2 180 00
130. General Electric Company, Schenectady, New York: three fellowships, one in the College of Engineering (field of communications and control), \$3,700; one in chemistry, \$3,300; and one in physics, \$3,300; academic year 1956-57.....	1 666 00
131. General Foods Funds, Inc., New York, New York: fellowship in home economics, academic year 1957-58.....	10 300 00
132. General Paving Foundation, Champaign, Illinois: a fellowship in the Department of Theoretical and Applied Mechanics, academic year 1957-58 (this is the first payment of a total grant of \$3,300).....	7 000 00
133. Gulf Research and Development Company, Pittsburgh, Pennsylvania: renewal of fellowship in physics, academic years 1956-57 and 1957-58	1 550 00
134. The Haloid Company, Rochester, New York: renewal of a fellowship in physics, academic year 1957-58.....	5 922 00
135. Illinois Clay Products Company, Joliet: two fellowships, academic year 1956-57.....	2 500 00
136. Inland Steel Foundation, Inc., Chicago: a fellowship in mining and metallurgical engineering, academic year 1956-57.....	4 000 00
	3 600 00

137. Johnson and Johnson, New Brunswick, New Jersey: a Roger Adams Fellowship in organic chemistry, academic year 1956-57...	2 000 00
138. Kaiser Aluminum and Chemical Corporation, Oakland, California: a fellowship in architecture, academic year 1957-58.....	2 250 00
139. Lead Industries Association, New York, New York: a fellowship in ceramic engineering, academic year 1957-58.....	2 500 00
140. Eli Lilly and Company, Indianapolis, Indiana: renewal of a fellowship in organic chemistry, academic years 1956-57 and 1957-58.....	3 886 00
141. The Lubrizol Corporation, Cleveland, Ohio: renewal of a fellowship in chemistry, academic year 1957-58.....	3 000 00
142. Minneapolis-Honeywell Regulator Company, Hopkins, Minnesota: a fellowship in engineering, academic years 1956-57 and 1957-58..	4 500 00
143. Minnesota Mining and Manufacturing Company, St. Paul, Minnesota: renewal of fellowships in chemistry and chemical engineering, academic year 1957-58.....	4 000 00
144. National Lead Company.....	4 400 00
Baroid Division, Houston, Texas: renewal of a fellowship in geology, academic year 1957-58.....	\$2 400 00
Titanium Alloy Manufacturing Division, Niagara Falls, New York: renewal of a fellowship in ceramic engineering, academic year 1957-58.....	2 000 00
145. The Edward Orton, Jr. Ceramic Foundation, Columbus, Ohio: two fellowships in ceramic engineering, academic year 1956-57...	3 600 00
146. Parke, Davis and Company, Detroit, Michigan: renewal of a fellowship in chemistry (the total grant amounts to \$2,250; three quarterly payments have been received).....	1 687 50
147. Chas. F. Pfizer and Company, Inc., Brooklyn, New York: renewal of two fellowships, one in organic chemistry (\$6,200) and one in biochemistry (\$5,000), academic year 1957-58.....	11 200 00
148. Phillips Petroleum Company, Bartlesville, Oklahoma: renewal of a fellowship in chemistry and chemical engineering, academic year 1957-58.....	2 500 00
149. Pittsburgh Consolidation Coal Company, Library, Pennsylvania: renewal of a fellowship in chemistry and chemical engineering, academic year 1957-58.....	2 250 00
150. The Procter and Gamble Company, Cincinnati, Ohio: renewal of a fellowship in chemistry and chemical engineering, academic year 1957-58.....	3 236 00
151. Radio Corporation of America, New York, New York: renewal of a fellowship in electrical engineering, academic year 1956-57.....	2 850 00
152. Raymond Concrete Pile Company, New York, New York: a fellowship in civil engineering, academic year 1957-58.....	2 100 00
153. Research Corporation, New York, New York: fellowships in biochemistry.....	5 000 00
154. Rohm and Haas Company, Philadelphia, Pennsylvania: renewal of a fellowship in chemistry, academic year 1956-57.....	2 000 00
155. Shell Fellowship Committee, the Shell Companies Foundation, Inc., New York, New York: renewal of fellowships, one in geology (\$2,386) and one in chemical engineering (\$1,900), academic year 1956-57.....	4 286 00
156. Sinclair Refining Company, New York, New York: renewal of a fellowship in organic chemistry, academic year 1957-58.....	2 500 00
157. Socony Mobil Oil Company, Inc., Paulsboro, New Jersey: renewal of a fellowship in chemistry and chemical engineering, academic year 1957-58.....	3 036 00
158. Sperry Gyroscope Company, Great Neck, New York: renewal of a fellowship in either electrical or mechanical engineering or physics, academic year 1957-58.....	2 900 00
159. Standard Oil Company of California, San Francisco, California: a fellowship in chemistry, academic year 1957-58.....	2 786 00
160. Standard Oil Foundation, Inc. (an Indiana Corporation), Chicago: renewal of two fellowships, one in chemistry and chem-	

	ical engineering (\$2,500) and one in engineering (\$2,500), academic year 1957-58	5 000 00
161.	Standard Oil Company of Ohio, Cleveland, Ohio: renewal of a fellowship in chemistry, academic year 1956-57.....	2 250 00
162.	Swift and Company, Chicago: a fellowship in food technology, academic year 1956-57.....	3 000 00
163.	Television Shares Management Corporation, Chicago: a fellowship in electronics, academic year 1957-58.....	2 000 00
164.	The Texas Company, Beacon, New York: renewal of a fellowship in chemistry, academic year 1957-58.....	2 500 00
165.	TI-GSI Foundation, Dallas, Texas: a fellowship in physics of the solid state, academic year 1957-58.....	2 915 00
166.	Toms River-Cincinnati Chemical Corporation, Cincinnati, Ohio: renewal of a fellowship in chemistry, academic year 1956-57.....	1 786 00
167.	The Trane Company, La Crosse, Wisconsin: renewal of a fellowship in mechanical engineering, academic year 1957-58.....	1 500 00
168.	Union Carbide and Carbon Corporation, Bakelite Company, New York, New York: renewal of a fellowship in chemistry, academic year 1956-57.....	2 886 00
169.	Union Carbide and Carbon Corporation, Electro Metallurgical Company, New York, New York: renewal of a fellowship in mining and metallurgical engineering, academic year 1956-57....	3 300 00
170.	Union Carbide and Carbon Corporation, National Carbon Company, Cleveland, Ohio: a fellowship in physics, academic year 1956-57.....	3 300 00
171.	United States Rubber Company Foundation, New York, New York: renewal of a fellowship in chemistry and chemical engineering, academic year 1956-57.....	2 600 00
172.	United States Steel Foundation, Inc., New York, New York: renewal of a fellowship in physics for the two-year period beginning September, 1957.....	6 000 00
173.	Universal Match Corporation, St. Louis, Missouri: renewal of a fellowship in chemistry and chemical engineering, academic year 1956-57.....	2 500 00
174.	Victor Chemical Works, Chicago: renewal of a fellowship in chemistry, academic year 1956-57.....	2 000 00
175.	Visking Company, Chicago: renewal of two fellowships, one in chemistry (\$2,250) and one in mechanical engineering (\$2,250), academic year 1957-58.....	4 500 00
176.	Abbott Laboratories, North Chicago: to the Department of Animal Science for studies on the tolerance and efficacy of arsanilic acid in swine rations.....	1 000 00
177.	American Cancer Society, New York, New York.....	40 100 00
	To the Department of Electrical Engineering for a study of the development of an ultrasonic microscope for determining structure of biological systems, under the direction of Professor William J. Fry (PH-27A)...	\$ 7 000 00
	To the Department of Bacteriology for studies on virus growth and structure and on virus-host relationship, under the direction of Professor S. E. Luria (V-3K)	24 450 00
	To the Department of Botany for research on plant tumors produced by virus, under the direction of Professor L. M. Black (BO-1J).....	8 650 00
178.	American Dairy Association of Illinois, Inc., Chicago: to the Department of Agricultural Economics for employment of an information specialist in the Extension Service in the field of dairy marketing	5 000 00
179.	American Society of Farm Managers and Rural Appraisers, Storm Lake, Iowa: to the Department of Agricultural Economics for studies of services and costs of professional farm management organizations	1 400 00
180.	American Society of Refrigerating Engineers, New York, New York.....	2 000 00

	To the Department of Food Technology for studies on the enthalpies of some foods in the cooling and freezing range	\$ 1 000 00
	To the Department of Mechanical Engineering for research in refrigeration.....	1 000 00
181.	Armour and Company, Chicago.....	10 000 00
	To the Department of Animal Science for studies dealing with utilization of energy sources by the ruminant with special reference to methods of improving efficiency of food utilization.....	\$ 4 000 00
	To the Department of Food Technology for studies on fatty acids, academic year 1956-57.....	6 000 00
182.	Association of Illinois Electric Cooperatives, Springfield: to the College of Agriculture for studies on advancing the efficient, safe, and economic use of electricity on Illinois farms.....	3 500 00
183.	Corn Industries Research Foundation, Inc., Washington, D.C.: to the Department of Home Economics for studies on behavior of various starches in food products, academic years 1956-57 and 1957-58	8 400 00
184.	Deere and Company, Chicago: to the Department of Agricultural Engineering for studies on the fundamentals, equipment, and techniques in application of agricultural chemicals.....	1 000 00
185.	E. I. du Pont de Nemours and Company, Wilmington, Delaware	18 000 00
	To the Department of Theoretical and Applied Mechanics for research related to the development of knowledge and understanding regarding the mechanical behavior of plastics.....	\$ 3 000 00
	To the Department of Chemistry and Chemical Engineering for fundamental research in chemistry, academic year 1957-58.....	15 000 00
186.	Engineering Foundation, New York, New York: to the Department of Civil Engineering for an evaluation of alloy steels for fatigue resistance in structures.....	7 000 00
187.	Holtzman and Silverman, Detroit, Michigan: to the Small Homes Council for a study of the performance records of residential basement construction.....	1 000 00
188.	Illinois African Violet Society, Inc., Aurora, Illinois: to the Horticulture Department for studies on African violets.....	25 00
189.	Illinois Association of County School Superintendents: to the Bureau of Educational Research for further study of county educational services in Illinois.....	369 00
190.	Illinois Crop Improvement Association, Urbana: to the College of Agriculture for expenses of publishing the results of the University's corn performance tests.....	500 00
191.	Illinois Farm Electrification Council: to the College of Agriculture to continue farm electrification research and educational work.....	11 778 00
	Commonwealth Edison Company.....	\$ 3 500 00
	Union Electric Company.....	43 00
	Central Illinois Light Company.....	550 00
	Association of Electric Cooperatives.....	3 500 00
	Iowa-Illinois Gas and Electric Company.....	60 00
	Central Illinois Public Service Company.....	1 250 00
	Illinois Power Company.....	2 450 00
	Central Illinois Electric and Gas Company.....	425 00
192.	Illinois Farm Supply Company, Chicago.....	2 400 00
	To the Department of Dairy Science for research in progress in the area of dairy cattle nutrition.....	\$ 600 00
	To the Department of Animal Science for studies of swine, poultry, and animal nutrition.....	1 800 00
193.	Illinois Seed Producers Association, Inc.: to the Department of Agronomy for a study of the production characteristics of hybrid corn	6 800 00

194. Illinois Turkey Growers Association: to the College of Veterinary Medicine for research on diseases of turkeys.....	821 05
195. Insulation Board Institute, Chicago: to the Small Homes Council for time and material study on the construction of single-family homes	1 000 00
196. Lipotropic Research Foundation, New York, New York: to the Department of Chemistry and Chemical Engineering for a study of the intermediary metabolism of MyO-inositol and its derivatives.....	2 000 00
197. Life Insurance Medical Research Fund, New York, New York: to the Department of Chemistry and Chemical Engineering for research on the colloidal characteristics of lipoproteins in blood serum, academic year 1956-57.....	5 500 00
198. Malting Barley Improvement Association, Milwaukee, Wisconsin: to the Department of Agronomy for studies on barley variety fertilizer tests	300 00
199. Merck and Company, Inc., Rahway, New Jersey: to the Department of Animal Science for studies on unidentified factors.....	2 000 00
200. Midwest Agricultural Limestone Institute, East St. Louis: to the Department of Agronomy for soil management studies.....	500 00
201. Mrs. C. Philip Miller, Chicago: to add to the Sinissippi Forest Trust Fund in support of forestry research.....	2 137 86
202. Modern Medicine Publications, Inc., Minneapolis, Minnesota: to the Bureau of Economic and Business Research to continue a study of the factors influencing doctors' selection of pharmaceutical products	924 00
203. Monsanto Chemical Company, St. Louis, Missouri.....	2 500 00
To the Department of Plant Pathology for studies on fungicide research	\$ 500 00
To the Department of Agronomy for studies on weed research.....	2 000 00
204. Mount Carmel Public Utility Company, Mount Carmel: to the Department of Agricultural Administration for studies on advancing the efficient, safe, and economic use of electricity on Illinois farms	60 00
205. National Science Foundation, Washington, D.C., in support of the following research (the numbers in parentheses are code designations used by the Foundation to identify the grants)....	349 210 00
Carbohydrate absorption; synthesis and degradation of polysaccharides, under the direction of Dr. Joseph Larnier, Department of Chemistry and Chemical Engineering (G1270)	\$ 2 600 00
Efficiency of photosynthesis, under the direction of Dr. Robert Emerson, Department of Botany (G1398) ..	4 100 00
Dimensions of coiling type polymer molecules, under the direction of Professor Frederick T. Wall, Department of Chemistry and Chemical Engineering (G1446).....	4 100 00
Imperfections in crystalline materials, under the direction of Professor Frederick Seitz, Department of Physics (G1602)	1 800 00
Biological oxidation of 3-hydroxyanthranilate, under the direction of Professor LaVelle M. Henderson, Department of Chemistry and Chemical Engineering (G1810) ..	5 100 00
Mechanisms of carbon dioxide fixation in chemoautotrophic bacteria, under the direction of Dr. Ralph S. Wolfe, Department of Bacteriology (G1818).....	6 400 00
Heterosis in corn in relation to the composition, quantity, and efficiency of enzymes, under the direction of Professor Richard H. Hageman, Department of Agronomy (G1855)	3 800 00
High energy nuclear phenomena, under the direction of Professor Carl S. Robinson, Department of Physics....	8 700 00

Effect of crystal imperfections on diffusion, under the direction of Professor Robert W. Balluffi, Department of Mining and Metallurgical Engineering (G1917).....	6 700 00
Oxidative, cleavage, and transfer reactions in aerobic bacteria, under the direction of Dr. Willis A. Wood, Department of Dairy Science (G1957).....	5 800 00
Conduction in non-striated muscle, under the direction of Dr. C. Ladd Prosser, Department of Physiology (G2063).....	5 300 00
Purification and study of the mechanism of action of the enzyme DDT-dehydrochlorinase, under the direction of Professor Clyde W. Kearns, Department of Entomology (G2139).....	4 000 00
Microbial chromoproteins, under the direction of Elizabeth Thorogood, Department of Bacteriology (G2251)...	9 000 00
Properties of glacial till, under the direction of Dr. George W. White, Department of Geology (G2412)....	3 800 00
Adsorption processes at electrode surfaces, under the direction of Dr. Herbert A. Laitinen, Department of Chemistry and Chemical Engineering (G2420).....	3 000 00
Methods for producing uniform high intensity ultrasonic fields, under the direction of Professor William J. Fry, Department of Electrical Engineering (G2427).....	5 200 00
Homologous turbulence, under the direction of Professor James M. Robertson, Department of Theoretical and Applied Mechanics (G2563).....	11 000 00
Plant virus investigations on those with long incubation periods in their insect vectors, under the direction of Professor Lindsay M. Black, Department of Botany (G2640).....	8 600 00
Synthesis and relation between structure and properties of high polymers, under the direction of Professor Carl S. Marvel, Department of Chemistry and Chemical Engineering (G2626)	62 800 00
Mechanics of coiling type polymer molecules, under the direction of Dr. Frederick T. Wall, Department of Chemistry and Chemical Engineering (G2627).....	34 700 00
Phosphorus-nitrogen compounds and their derivatives, under the direction of Professor Ludwig F. Audrieth, Department of Chemistry and Chemical Engineering (G2743).....	6 300 00
Total synthesis of pentacyclic triterpenes, under the direction of Professor Elias J. Corey, Department of Chemistry and Chemical Engineering (G2763).....	10 300 00
Fatigue of concrete, under the direction of Professor Clyde E. Kesler, Department of Theoretical and Applied Mechanics (G2780)	7 900 00
Structure of infinite P-groups, under the direction of Professor Henry R. Brahana, Department of Mathematics (G2784)	5 300 00
Orientation of galaxies in space, under the direction of Professor Stanley P. Wyatt, Department of Astronomy (G2982).....	1 750 00
Analytical program for digital computers, under the direction of Professor Abraham H. Taub, Digital Computer Laboratory (G2794).....	18 800 00
Study of nucleation phenomena and opacification in titania-opacified porcelain enamels, under the direction of Professor Arthur L. Friedberg, Department of Ceramic Engineering (G3066)	8 000 00
Summer institute for college teachers of geology, under the direction of Professors Donald M. Henderson and Arthur F. Hagner, Department of Geology (G3127)....	40 800 00

	Mutation, duplication, and complex gene structure in maize, under the direction of Professor John R. Laughnan, Department of Botany (G3294).....	7 000 00
	Microscopic examination of nucleation in boiling liquids, under the direction of Professor James W. Westwater, Department of Chemistry and Chemical Engineering (G3303).....	8 000 00
	Effect of plant growth regulators on metabolic activities of subcellular particles from plant tissue, under the direction of Professor John B. Hanson, Department of Agronomy (G3358)	7 800 00
	Kinetics and mechanism of intermediate and side reactions, under the direction of Dr. Max S. Peters, Department of Chemistry and Chemical Engineering (G3495) ..	10 100 00
	Systematics and genetics of ciliated protozoa, under the direction of Professor John O. Corliss, Department of Zoology (G3887)	7 800 00
	Research on engineering materials, under the direction of Professors Cletus E. Bowman and Clyde E. Kesler, Department of Theoretical and Applied Mechanics (G4009) ..	7 600 00
	Bacterial pigments, under the direction of Dr. Ralph D. DeMoss, Department of Bacteriology (G4023).....	4 800 00
	Symposium on radio sources outside the galaxy, under the direction of Professor George C. McVittie, Department of Astronomy (G4117).....	460 00
206.	National Tuberculosis Association: to the Department of Electrical Engineering for research on ultrasonic absorptions in lung tissue, under the direction of Professor William J. Fry.....	3 780 00
207.	National Vitamin Foundation, Inc., New York, New York.....	10 360 00
	To the Department of Animal Science for studies on the vitamin B ₁₂ in the nutrition of baby pigs.....	\$4 950 00
	To the Department of Animal Science for research on metabolism of radioactive vitamin A.....	5 410 00
208.	New York University, New York, New York: to the Bureau of Economic and Business Research for studies on methods of estimating consumer savings, under the direction of Professor Robert Ferber (this is a grant from the Ford Foundation, administered by New York University for the Household Savings Project of Consumer Behavior, Inc.).....	19 890 00
209.	Northern Illinois Breeding Cooperative, Hampshire: to the Department of Dairy Science for studies in the area of artificial breeding of cows.....	5 833 85
210.	Olin Mathieson Chemical Company, East Alton, Illinois: to the State Natural History Survey for research in migratory waterfowl	2 500 00
211.	Population Council, Inc., New York, New York: to the Department of Animal Science for basic studies on the role of progesterone in the physiology of reproduction.....	5 000 00
212.	Procter and Gamble Company, Cincinnati, Ohio: to the Department of Chemistry and Chemical Engineering for studies on wheat lipids and egg yolk.....	12 000 00
213.	Quaker Oats Company, Barrington: to the Department of Food Technology for studies on the role of oat fat in atherosclerosis and heart disease.....	6 000 00
214.	University of Pennsylvania, Philadelphia, Pennsylvania.....	4 000 00
	To the Department of Bacteriology for research on soybeans, under the direction of Dr. Elizabeth Thorogood \$	500 00
	To the Institute of Labor and Industrial Relations for a study of occupational attachment of workers, under the direction of Dr. Richard C. Wilcock.....	3 500 00
215.	Refrigeration Research Foundation, Colorado Springs, Colorado: to the Department of Mechanical Engineering for study of frost formation on refrigeration coils.....	1 000 00
216.	Research Corporation, New York, New York.....	12 738 67
	To the Department of Chemistry and Chemical Engineering.....	\$8 338 67

For continuation of a study of Lewis acid-base behavior in nonaqueous solvents, under the direction of Dr. Russell S. Drago, \$2,460.00.

For continuation of a study of the effect of heating or cooling upon flow pattern at low Reynolds numbers, under the direction of Dr. Thomas J. Hanratty, \$2,862.00.

For investigations on the stereochemical characteristics and nature of bonding of rare earth metal 1, 3-diketone chelates, under the direction of Dr. Therald Moeller, \$2,600.00.

For research in biochemistry (this amount represents the University's share of the net income from an invention by Dr. Irwin C. Gunsalus and Dr. Lester J. Reed relating to lipoic acid), \$416.67.

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| | To the Department of Dairy Science for a grant-in-aid under the direction of Dr. Roger G. Hansen..... | 4 400 00 |
| 217. | Ringwood Chemical Corporation, Ringwood; to the Department of Animal Science for studies on the mechanism of action of antibiotics and related compounds..... | 1 500 00 |
| 218. | The Rockefeller Foundation, New York, New York..... | 8 461 00 |
| | To the Department of Agricultural Economics for a study of marketing problems in Colombia by Mr. Phillips Foster (this grant will be used for traveling and living expenses while in Colombia)..... | 3 000 00 |
| | To the Department of Bacteriology for research and advanced training in microbiology..... | 5 461 00 |
| 219. | Social Science Research Council: to the Digital Computer Laboratory for research..... | 700 00 |
| 220. | Southern Illinois Breeding Association, Breese, Illinois: to the Department of Dairy Science for studies in the area of artificial breeding of cows..... | 3 654 90 |
| 221. | United States Public Health Service, for support of the following research and educational programs..... | 550 522 89 |
| | A study of the synthesis and biological utilization of the fatty acid derivatives of water soluble vitamins, under the direction of Dr. Fred A. Kummerow, Department of Food Technology, for one year beginning June 1, 1957 (A-257-C4)..... | \$ 6 400 00 |
| | A study of the metabolism of amino acids labeled with radioactive carbon, under the direction of Dr. George Wolf, Department of Animal Science, for one year beginning January 1, 1957 (A-493-C3)..... | 5 649 00 |
| | A study of metabolic mechanisms, under the direction of Dr. Irwin C. Gunsalus, Department of Chemistry and Chemical Engineering, for one year beginning September 1, 1956 (A-562-C2S and A-562-C3)..... | 19 903 66 |
| | A study of hydroxylation of kynuremine, under the direction of Dr. LaVelle M. Henderson, Department of Chemistry and Chemical Engineering (A-801-C)..... | 8 044 00 |
| | A study of the cyclization of squalene under the influence of asymmetric binding agents, under the direction of Dr. Ronald Sauers, Department of Chemistry and Chemical Engineering (AF-6570)..... | 500 00 |
| | A study of the chemistry and metabolism of the sphingolipides, under the direction of Dr. Herbert E. Carter, Department of Chemistry and Chemical Engineering, for one year beginning September 1, 1956 (B-574-C3)..... | 11 001 26 |
| | For neurological research using focused ultrasound, under the direction of Dr. William J. Fry, Department of Electrical Engineering, for two years beginning June 1, 1956 (B-613-C and B-613-C2)..... | 32 592 00 |
| | A study of the physical mechanism of the action of intense ultrasound on tissue, under the direction of Dr. | |

William J. Fry, Department of Electrical Engineering, for one year beginning September 1, 1956 (B-1017)....	14	346	00
For a search for a metabolically active form of vitamin E, under the direction of Dr. B. Connor Johnson, Department of Animal Science, for one year beginning January 1, 1957 (B-1200).....	10	350	00
A study of the synthesis and maintenance of intracellular enzymes, under the direction of Dr. Sol Spiegelman, Department of Bacteriology, for one year beginning January 1, 1957 (C-1094-C7).....	15	772	00
A study of the isolation and characterization of liver enzymes from tumor-bearing rats, under the direction of Dr. Carl S. Vestling, Department of Chemistry and Chemical Engineering, for two years beginning June 1, 1956 (C-1856-C3 and C-1856-C4).....	15	916	00
A study of the possible carcinogenic activity of polymerized fats, under the direction of Dr. Fred A. Kummerow, Department of Food Technology, for one year beginning September 1, 1956 (C-1932-C3).....	5	875	50
A study of the nutrition of insects, under the direction of Dr. Gottfried S. Fraenkel, Department of Entomology, for the period March 1, 1956, to August 31, 1957 (E-533-C5).....	4	025	00
To study the nature, cause, and control of housefly resistance to insecticides, under the direction of Dr. George C. Decker, State Natural History Survey, for one year beginning September 1, 1956 (E-593-C6).....	11	500	00
A study of structure and biosynthesis of antibiotic substances, under the direction of Dr. David Gottlieb, Department of Plant Pathology, and Dr. Herbert E. Carter, Department of Chemistry and Chemical Engineering, for one year beginning September 1, 1956 (E-618-C3).....	16	275	59
A study of the effect of glycerol and other agents on the survival of protozoa at freezing temperatures, under the direction of Dr. Norman D. Levine, College of Veterinary Medicine, for one year from September 1, 1956 (E-790-C2)	7	397	00
A study of the bionomics of flood-water mosquitoes, under the direction of Dr. William R. Horsfall, Department of Entomology, for one year beginning September 1, 1956 (E-893-C).....	10	721	00
A survey of the bats of Southern Arizona, under the direction of Dr. Donald F. Hoffmeister, Museum of Natural History, for one year from September 1, 1956 (E-981).....	4	709	00
For research on induction of mutations in mosquitoes, under the direction of Dr. James B. Kitzmiller, Department of Zoology, for one year from October 1, 1956 (E-1132).....	4	882	00
A study of the microbial diseases of the housefly, under the direction of Dr. John D. Briggs, State Natural History Survey, for one year from September 1, 1956 (E-1231).....	12	511	00
For an investigation of chemical properties and elucidation of the structure of the antibiotic streptolydigin, under the direction of Dr. Kenneth L. Rinehart, Jr., Department of Chemistry and Chemical Engineering, for one year from September 1, 1956 (E-1278).....	5	727	00
A study of the functional microchemistry of trematodes, under the direction of Dr. Francis J. Kruidenier, Department of Zoology, for one year from September 1, 1956 (E-1319)	9	834	00

Epizootiology of sylvan rabies in a skunk rabies area, under the direction of Drs. Carol O. Mohr and Paul D. Beamer, State Natural History Survey (E1349).....	29	440	00
A study of the biosynthesis of a bacterial pigment, under the direction of Dr. Ralph D. DeMoss, Department of Bacteriology, for one year beginning September 1, 1956 (E1467).....	10	903	00
A study of microbial chromoproteins, under the direction of Dr. Elizabeth Thorogood, Department of Bacteriology, for one year beginning September 1, 1956 (E1471).....	1	460	00
For research in the Department of Entomology, under the direction of Dr. William R. Horsfall, for one year beginning December 1, 1956 (E1577).....	1	994	00
For research equipment and reagents for the Department of Bacteriology, for one year beginning December 1, 1956 (E1626).....	1	955	00
For the serology of species hybrids in enterobacteriaceae, under the direction of Dr. Salvador E. Luria, Department of Bacteriology, for the period from January 1 to June 30, 1957 (E1629).....	2	300	00
A study of formic acid dehydrogenase and folic acid linked CO ₂ fixation, under the direction of Dr. Daniel H. Hug, Department of Chemistry and Chemical Engineering, for one year beginning March 15, 1957 (EF5647C).....		500	00
For rehabilitation counseling, under the direction of Dr. Frank H. Finch, College of Education, for one year beginning September 1, 1955 (G5-56) (money received April 16, 1956).....		800	00
For rehabilitation counseling, under the direction of Dr. Cecil H. Patterson, College of Education, for one year beginning September 1, 1956 (G5-57).....	24	682	39
To the School of Social Work for research under the direction of Dr. Marietta Stevenson, for one year beginning September 1, 1956 (G45-57).....	13	678	00
A study of latency and hatching of embryos of aedine mosquitoes, under the direction of Dr. Patrick T. M. Lum, Department of Entomology, for one year beginning May 1, 1957 (GF-7173).....		500	00
A study of the characterization of the lipids deposited in atherosclerotic plaques and their relationship to the type of dietary fat and atherosclerosis, under the direction of Dr. Fred A. Kummerow, Department of Food Technology, for one year beginning September 1, 1956 (H1819-C2 and S).....	10	350	00
A study of the influence of thiamine on the biosynthesis of fatty acids and cholesterol, under the direction of Dr. George Wolf, Radiocarbon Laboratory, for one year beginning January 1, 1957 (H1945-C2).....	2	998	00
A study of the biochemical aspects of aging under the direction of Dr. Harold H. Draper, Department of Animal Science, for one year beginning January 1, 1957 (H-2771).....	5	400	00
Studies of social perception in the classroom, under the direction of Dr. Nathaniel L. Gage, Bureau of Educational Research, for one year beginning September 1, 1956 (M650-C3 and S).....	21	594	00
A study of therapeutic counselor and client relationships, under the direction of Dr. J. McV. Hunt, Department of Psychology, for the period of January 1 through August 31, 1957 (M1041-R2).....	12	535	00
An experimental investigation of behavior without awareness, under the direction of Dr. Charles W. Erickson, Department of Psychology, for one year from September 1, 1956 (M1206).....	9	023	00

A diagnosis and predicted outcomes of counseling, under the direction of Dr. William M. Gilbert and Dr. Thomas N. Ewing, Student Counseling Service, for one year beginning January 1, 1957 (M1388).....		7 570 00
A study of reactive inhibition and extraversion-introversion, under the direction of Dr. Wesley C. Becker, Department of Psychology, for one year beginning July 1, 1957 (M1713).....		2 300 00
Research in clinical psychology, under the direction of Dr. J. McV. Hunt, for one year from July 1, 1956 (2M-5089-C9).....		29 733 63
Psychiatric social work, under the direction of Professor Florence Poole, School of Social Work, for one year beginning July 1, 1956 (2M-6344).....		24 466 00
A study of the communication of information on mental health; Stage II experimental analysis of the process of information transmission, under the direction of Dr. Charles E. Osgood, Institute of Communications Research, for the period from January 1, 1956, through August 31, 1957 (3M-9067-C and S).....		34 758 86
A study of prior treatment with a supra-vital dye and the therapeutic effect of electro-convulsive shock, under the direction of Dr. B. Paul H. Poschel, Department of Psychology, for one year from September, 1956 (MF6120).....		500 00
A study of the effect of high temperatures on the inactivation and reactivation of enzymes on the destruction of microorganisms and on some physicochemical properties of milk and cream, under the direction of Dr. Ernest O. Herreid, Department of Food Technology, for one year from September 1, 1956 (RG-1947-C6).....		8 518 00
A study of the nature of the neurohumoral relation between the uterus and the pituitary gland, under the direction of Dr. Andrew V. Nalbandov, Department of Animal Science, for one year from September 1, 1956 (RG-3557-C4).....		5 387 00
A study of the effect of water treatment methods on water main carrying capacity, under the direction of Dr. Thurston E. Larson, State Water Survey, for one year from December 1, 1956 (RG-4007-C2).....		20 648 00
Studies of biological treatment of petrochemical wastes, under the direction of Dr. Jess C. Dietz, Department of Civil Engineering, for one year beginning January 1, 1957 (RG-4443-C).....		7 452 00
Studies of cyclization of squalene, under the direction of Dr. Elias J. Corey, Department of Chemistry and Chemical Engineering, for one year from September 1, 1956 (RG-4565).....		10 000 00
A study of characteristics of vocational rehabilitation counselor trainees, under the direction of Dr. Cecil H. Patterson, College of Education, for the period from June 1, 1957, through August 31, 1958 (SP86-57)....		2 472 00
Expansion of Student Rehabilitation Center through additional staffing, equipment, and related expenses, under the direction of Professor Timothy J. Nugent, for the period August 23, 1955, through June 30, 1956 (money received May 1, 1956).....		12 674 00
222.	The Upjohn Company, Kalamazoo, Michigan: to the Department of Chemistry and Chemical Engineering to support research under the direction of Professor Herbert S. Gutowsky.....	5 000 00
223.	VioBin Corporation, Monticello: to the Department of Animal Science for studies on wheat germ oil.....	125 00

224. Welding Research Council, New York, New York: to the Department of Mining and Metallurgical Engineering for research in cold welding..... 1 350 00
Total, Funds for Graduate Fellowships and Research..... (1 360 070 72)

Gifts of Equipment, Library Material, and Works of Art

225. American Hospital Supply Corporation, Scientific Products Division, Evanston: to the Department of Physiology, two flicker photometers (estimated value \$700).
 226. Babson Brothers Company, Chicago: to the Department of Dairy Science, installation of milking machines and a complete pipeline system in the University's south and north barns (estimated value \$4,500).
 227. Beardsley and Piper Company, Chicago: to the Shop Laboratories of the Chicago Undergraduate Division, one Model 30A Speedmuller (estimated value \$6,500).
 228. Carbide and Carbon Chemicals Company, South Charleston, West Virginia: to the Department of Mechanical Engineering, several items of equipment and instruments (estimated value \$6,840).
 229. Carrier Corporation, Syracuse, New York: to the Department of Mechanical Engineering, compressor, condenser, and auxiliary devices for a refrigeration machine (estimated value \$1,100).
 230. Mr. Samuel B. Cohn, Miami Beach, Florida: to the College of Fine and Applied Arts, a painting, "Rooftops," by Helen Gerardia (estimated value \$600).
 231. Mr. and Mrs. Herman E. Cooper, New York, New York: to the College of Fine and Applied Arts, a painting, "Evening Landscape," by George Inness (estimated value \$6,000).
 232. Luminator, Inc., Chicago: to the College of Fine and Applied Arts, a painting, "The Blue Gable," by Gabriele Münter (estimated value \$1,200).
 233. Mr. W. T. McClenahan, Chicago: to the College of Engineering, Chicago Undergraduate Division, books and magazines.
 234. Portable Elevator Manufacturing Company, Bloomington: to the Department of Veterinary Clinical Medicine, an elevator for the Large Animal Clinic (estimated value \$800).
 235. The Upjohn Company, Kalamazoo, Michigan: to the Department of Chemistry and Chemical Engineering, a laboratory type lyophil drying apparatus (estimated value \$700).
Total, Colleges and Schools at Urbana-Champaign..... (1 575 623 11)

Chicago Professional Colleges

Funds Received from Private Industries, Foundations, Other Organizations and Government Agencies for Research and Graduate Study

236. Abbott Laboratories, North Chicago..... \$ 8 420 00
 To the Department of Medicine to supplement the grant for a study of the effect of plastic bags upon red cell survival, under the direction of Dr. Alexander P. Remenchik..... \$ 2 142 00
 To the Department of Anatomy for a study of side effects of tranquilizing drugs, under the direction of Dr. Samuel R. M. Reynolds..... 3 478 00
 To the Department of Pharmacology to support students doing graduate work in pharmacology, under the supervision of Dr. Klaus R. W. Unna..... 1 200 00
 To the Department of Medicine for studies in coronary artery disease, under the direction of Dr. Burford Hall..... 600 00
 To the Department of Surgery (Anesthesiology) for research in anesthesia, under the direction of Dr. Max S. Sadove..... 1 000 00
 237. American Limb and Orthopaedic Company, Chicago: to the Department of Orthopaedic Surgery for the amputee program, under the supervision of Dr. Claude Lambert..... 200 00

238.	Ames Research Laboratories, Elkhart, Indiana: to the Department of Clinical Science for a study of choleric action of various synthetic chemical compounds compared with decholin, under the supervision of Dr. Andrew C. Ivy.....	2	533	35
239.	Armour Laboratories, Kankakee, Illinois: to the Department of Pharmacology for travel expenses for scientists who are invited to conduct seminars for the department.....		500	00
240.	Bauer and Black, Chicago: to the Department of Clinical Science for a study of cholesterol synthesis in rats, under the direction of Dr. Andrew C. Ivy.....	1	050	00
241.	Baxter Laboratories, Chicago: to the Department of Microbiology for research on the evaluation of potential chemotherapeutic agents, under the direction of Dr. George H. Scherr.....		774	90
242.	Ciba Pharmaceutical Products, Inc., Summit, New Jersey: to the Department of Anatomy for a study of reserpine stress responses, under the direction of Dr. Samuel R. M. Reynolds.....		900	00
243.	Dome Chemicals, Inc., New York, New York: to the Department of Dermatology for research under the direction of Dr. Marcus R. Caro.....		500	00
244.	E and J Manufacturing Company, Burbank, California: to the Department of Clinical Science to supplement a previous grant to cover expenses for an exhibit on cardio-respiratory dynamics of controlled respiration prepared for the American Medical Association convention, under the direction of Dr. Archer S. Gordon.....		873	00
245.	Geigy Pharmaceuticals, Ardsley, New York: to the Department of Pharmacology for a study of action of autonomic drugs on the central nervous system, under the direction of Dr. Klaus R. W. Unna.....	7	315	00
246.	Hoffman-LaRoche, Inc., Nutley, New Jersey.....	3	553	50
	To the Department of Surgery (Anesthesiology) for a study of the comparative evaluation of pentobarbital and noludar, under the supervision of Dr. Max S. Sadove and Dr. Reuben C. Balagot.....		\$ 2 000	00
	To the Department of Clinical Science for a study of the effect of marsilid on gastric secretion in dog, under the direction of Dr. Andrew C. Ivy.....	1	553	50
247.	Lederle Laboratories, Pearl River, New York: to the Graduate College for fellowships for medical students, under the supervision of Dr. Milan V. Novak.....	2	400	00
248.	Eli Lilly and Company, Indianapolis, Indiana.....	5	588	75
	To the College of Medicine for research on protein synthesis in virus infections, under the direction of Dr. John E. Kempf.....		\$ 5 290	00
	To the Department of Clinical Science for an exploratory study of the effect of phenaglycodal (ultran) on gastric secretion, under the direction of Dr. Andrew C. Ivy.....		298	75
249.	Mead-Johnson and Company, Chicago: to the Department of Pediatrics for pediatric residents, under the direction of Dr. Heyworth N. Sanford.....		500	00
250.	Organon, Inc., Orange, New Jersey: to the Department of Physiology for an investigation of properties of a new hypertensive agent, under the direction of Dr. George E. Wakerlin.....		500	00
251.	Chas. F. Pfizer and Company, Inc., Brooklyn, New York: to the Department of Medicine for work of investigative nature in infectious diseases and related fields, under the direction of Dr. Harry F. Dowling.....		6 000	00
252.	Sandoz Pharmaceuticals, Chicago.....	8	925	00
	To the Department of Pharmacology for the neuropharmacology research fund, under the direction of Dr. Klaus R. W. Unna.....		\$ 3 000	00
	To the Department of Medicine to support student assistants for studies in experimental and clinical allergy, under the supervision of Dr. Max Samter.....		3 000	00

	To the Department of Preventive Medicine for a study of hypertension and headache mechanisms, under the direction of Dr. Adrian M. Ostfeld.....	2 925 00
253.	G. D. Searle and Company, Skokie: to the Department of Medicine for phenothiazine studies, under the direction of Dr. Max Samter.....	5 600 00
254.	Merck, Sharp, and Dohme, Division of Merck and Company, Inc., Chicago.....	4 600 00
	To the Department of Surgery for research on actinomycin D, under the direction of Dr. Warren H. Cole..	\$1 000 00
	To the Department of Physical Medicine and Rehabilitation for an evaluation of clinical means of increasing muscle circulation in lower extremities, including depropanes, under the direction of Dr. David I. Abramson..	3 600 00
255.	E. R. Squibb and Sons, Chicago: to the Department of Radiology for a study of contrast medium, renografin, for kidney visualization, under the direction of Dr. Richard H. Timpton...	210 00
256.	Toni Company, Chicago: to the Department of Microbiology for an evaluation of fungicidal agents, under the direction of Dr. Edward E. Vicher.....	5 000 00
257.	Upjohn Company, Kalamazoo, Michigan.....	9 750 00
	To the Department of Surgery for the Upjohn steroid surgery grant, under the direction of Dr. Warren H. Cole.....	\$ 5 000 00
	To the Department of Medicine for research in the field of infectious diseases, under the direction of Dr. Harry F. Dowling.....	4 750 00
258.	Winthrop Laboratories, Evanston: to the Department of Surgery (Anesthesiology) for research on anti-foam agents in pulmonary edema, under the direction of Dr. Max S. Sadove.....	1 000 00
259.	American Foundation for Allergic Diseases: for a fellowship, under the direction of Dr. Milan V. Novak.....	500 00
260.	American Medical Education Foundation; to the College of Medicine to support and promote medical education.....	14 220 00
261.	Arthritis and Rheumatism Foundation, Chicago: to the Department of Medicine for a study of serial kidney biopsies, under the direction of Dr. Robert M. Kark.....	8 200 00
262.	Walter Barker Research Fund: to the Department of Neurology and Neurological Surgery for research in electroencephalography, under the direction of Dr. Frederic A. Gibbs.....	2 000 00
263.	Beltone Institute: to the Department of Otolaryngology for hearing research, under the direction of Dr. Francis L. Lederer..	281 00
264.	Chicago Community Trust, the Josephine Arnold Fund: to the Department of Pharmacology for a study of the effects of alpha-oximino acids on the metabolism of radioactive amino acids in tumors, under the direction of Dr. Harris Busch.....	5 000 00
265.	Chicago Community Trust, the Rosa Kuhn Levy Fund: to the Department of Surgery for a study of the prevention of growth of liver cancer utilizing nitrogen mustard and other cancericidal agents, under the direction of Dr. Warren H. Cole.....	6 516 00
266.	Jane Coffin Childs Memorial Fund of Yale University.....	15 600 00
	To the Department of Pharmacology for a study of interconversion of intermediates of carbohydrate metabolism and amino acids in tumors and other tissues, under the direction of Dr. Harris Busch.....	\$15 000 00
	To the Department of Biological Chemistry for a study of nucleic acid metabolism, under the direction of Dr. Max E. Rafelson, Jr.....	600 00
267.	Colorado Dental Foundation: to the Department of Oral Pathology for research on the histopathology of periodontal tissues, under the direction of Dr. Joseph P. Weinmann.....	500 00
268.	Commonwealth Fund: to the Department of Anatomy for vascular studies on the hypophysis cerebri, under the direction of Dr. W. Curtis Worthington.....	9 309 00

269.	John N. Crouse Dental Endowment Fund: to the Department of Radiology for longitudinal studies of the dental health status of young adult males (dental students), under the direction of Dr. Seymour H. Yale.....	1 500 00
270.	Geschickter Fund for Medical Research, Inc.: to the Department of Pharmacology for a study of pharmacology of aromatic amines, under the direction of Dr. Klaus R. W. Unna.....	16 216 00
271.	Hematology Research Foundation: to the Department of Medicine for a study of the infections in leukemia, under the direction of Dr. Louis R. Limarzi.....	3 000 00
272.	W. K. Kellogg Foundation, Battle Creek, Michigan: to the College of Dentistry to support an extramural closed-circuit television program in dentistry, under the direction of Dr. Saul Levy.....	16 799 00
273.	Lakeland Foundation, Chicago: to the Department of Clinical Science, for a study of the attempt to isolate the growth stimulating and inhibiting agents from the liver or intestinal mucosa, under the direction of Dr. Andrew C. Ivy, for the period between September 1, 1955, and September 1, 1957.....	26 812 00
274.	LaSalle Steel Foundation: for adrenocortical steroids for nephrotics in the Pediatric Outpatient Clinic.....	1 000 00
275.	Leukemia Research Foundation, Inc.: to the Department of Biological Chemistry for a study of phosphonic analogs of nucleoside phosphates, under the direction of Dr. Terrell C. Myers.....	6 000 00
276.	Life Insurance Medical Research Fund: to the Department of Biological Chemistry for a study of the biochemical basis for the difference in virulence of the smooth and matt variants of Group A streptococci, under the direction of Dr. Sam S. Barkulis.....	7 700 00
277.	Nathan Manilow Foundation: to be added to the audiology gift fund	7 500 00
278.	National Foundation for Infantile Paralysis.....	23 779 00
	For a postdoctoral fellowship for Dr. Walter Wood, Department of Preventive Medicine, under the direction of Dr. Mark H. Lepper.....	\$ 1 250 00
	For a postdoctoral fellowship for Dr. William L. Nyhan, Department of Pharmacology, under the direction of Dr. Harris Busch.....	1 000 00
	To the Department of Medicine for a study of sodium metabolism during the course of acute anterior poliomyelitis, under the direction of Dr. Alexander P. Remenchik	21 529 00
279.	National Fund for Medical Education: to the College of Medicine to support and promote medical education.....	57 185 00
280.	National Science Foundation, Washington, D. C.....	17 400 00
	To the Department of Biological Chemistry for a study of immunochemical methods for the measurement and as an index of purity of streptococcal components and antigens, under the direction of Dr. Sam S. Barkulis..	\$ 2 800 00
	To the Department of Biological Chemistry for research on phosphonic acid analogs of nucleoside phosphates, under the direction of Dr. Terrell C. Myers..	1 500 00
	To the Department of Biological Chemistry for a study of growth and two-carbon metabolism in microorganisms, under the direction of Professor Max E. Rafelson	9 100 00
	For short-term research by medical students, under the direction of Dr. Milan V. Novak, Associate Dean of the Graduate College.....	4 000 00
281.	William Allen Pusey Fund: for the purchase of material in the field of dermatology.....	1 000 00
282.	Samuel Higby Camp Foundation, Jackson, Michigan: for research in orthopaedics.....	1 500 00

283.	Elaine Settler Polio Foundation, Chicago: to the Department of Preventive Medicine, Respiratory Center, for research (\$6,250) and rehabilitation equipment (\$2,000), under the direction of Dr. George A. Saxton, Jr.....	8 250 00
284.	Squibb Institute for Medical Research: to the Department of Preventive Medicine for research on epidemiology of hospital infections in response to various antibacterial agents, under the direction of Dr. Mark H. Lepper.....	6 640 00
285.	Teagle Foundation, Incorporated: to the Department of Psychiatry (Neurophysiology) for paralysis agitans research under the direction of Dr. Leo G. Abood.....	8 000 00
286.	Howard L. Willett Arthritis Research Fund: to the Department of Medicine for research under the direction of Dr. Irving E. Steck.....	500 00
287.	American Cancer Society, New York, New York.....	37 245 92
	To the Department of Surgery for a study on spontaneous regression of cancer, under the direction of Dr. Warren H. Cole.....	\$ 3 960 00
	To the Department of Pharmacology for studies on the metabolism of plasma proteins in tumor-bearing rats, under the direction of Dr. Harris Busch.....	4 259 00
	To the Department of Surgery for screening of human cancer cells by tissue culture, under the direction of Dr. Warren H. Cole.....	7 500 00
	To the Department of Anatomy for a study of the development of germ cells and the changes undergone during early cleavage, under the direction of Dr. Lionel I. Rebhun.....	1 750 00
	To the Department of Surgery for a study of the role of delay and dosage in experimental prophylactic treatment of cancer, under the direction of Dr. Warren H. Cole.....	9 169 75
	To the Department of Surgery for a study of experimental antitumor effect of chloroquine mustard quinacrine and 6-diazo-5-dio-L-norleucine against transplanted animal tumors, under the direction of Dr. Warren H. Cole.....	5 607 17
	To the Department of Anatomy for studies on the mechanisms of yolk formation and redistribution in oocytes, under the direction of Dr. Lionel I. Rebhun..	5 000 00
288.	American Heart Association: to the Department of Physiology for the pathogenesis and treatment of experimental hypertension produced by constriction of carotid sinus area, under the direction of Dr. George E. Wakerlin.....	8 250 00
289.	American Medical Association.....	800 00
	To the Department of Anatomy for research on the lipotropic effects of estradiol, under the direction of Dr. James C. Plagge.....	\$ 300 00
	To the Department of Dermatology for a study of photocharacteristics of human skin, under the direction of Dr. Theodore Cornbleet.....	500 00
290.	Associated Hospital Service of Illinois: to the Department of Otolaryngology for photographic supplies.....	50 00
291.	Asthmatic Childrens Aid.....	6 520 00
	To the Department of Medicine for the ACA-Pediatric Allergy Clinic, under the direction of Dr. Max Samter \$	1 520 00
	To the Department of Medicine for the ACA-non-allergic factors in bronchial asthma, under the direction of Dr. Max Samter.....	5 000 00
292.	Beverly Hills Junior Woman's Club: for the Orthopaedic Gift Fund.....	75 00
293.	Boll and Lewis Company: to the Department of Otolaryngology for photographic supplies.....	50 00

294.	Chicago Heart Association.....	18 400 00
	To the Department of Physiology for the pathogenesis and treatment of experimental hypertension produced by constriction of the carotid sinus area, under the direction of Dr. George E. Wakerlin.....	\$16 000 00
	To the Department of Surgery for a study of tensile strength, under the direction of Dr. Ormand C. Julian	1 200 00
	To the Department of Surgery for a study of vascular grafts, under the direction of Dr. Géza deTakats.....	1 200 00
295.	Ciba Pharmaceutical Products, Inc.: to the Department of Anatomy for a study of the side effects of tranquilizing drugs, under the direction of Dr. Samuel R. M. Reynolds.....	900 00
296.	Czech-Slovakia Farmers' Association of Grand Haven, Michigan: for the cancer research gift fund.....	10 00
297.	Division of Services for Crippled Children.....	57 044 72
	To the Department of Neurology and Neurological Surgery for consultation clinic epilepsy, Children's Bureau, under the direction of Dr. Frederic A. Gibbs..	\$23 820 13
	To the Department of Pediatrics to support the Center for Handicapped Children program established by the Board of Trustees July 25, 1956.....	27 240 00
	To the Department of Medicine for the cardiophysiology laboratory, under the direction of Dr. Harry A. Bliss	5 984 59
298.	Dixon State School: for the audiology gift fund.....	10 00
299.	Educational Television and Radio Center: to the Department of Public Information for a grant, Success in Arts.....	1 260 00
300.	Elmhurst Garden Club: for the occupational therapy gift fund..	25 00
301.	Illinois Federation of Women's Clubs: for research in the Department of Surgery.....	2 079 27
302.	Kappa Alpha Theta: for the orthopaedic gift fund.....	460 47
303.	Leukemia Society, Inc., New York, New York: to the Department of Physiology for a study of leukocytes from irradiated and normal dogs for morphological secretary, under the direction of Dr. Ruven Greenberg.....	500 00
304.	Tommy Meehan Group: for the Occupational Therapy Gift Fund	66 65
305.	Muscular Dystrophy Association of America, Inc.....	23 057 60
	To the Department of Psychiatry for a study of the metabolism and membrane potential of skeletal muscle fibers and relation to function, under the direction of Dr. Gilbert N. Ling.....	\$16 070 00
	To the Department of Medicine for a study of carnitine metabolism in muscular dystrophy, under the direction of Dr. Robert M. Kark.....	6 987 60
306.	National Association for Mental Health: to the Department of Psychiatry for a study of intracellular metabolism in schizophrenia, under the direction of Dr. Ivan Boszormey-Nagy.....	875 00
307.	National Multiple Sclerosis Society: to the Department of Neurology and Neurological Surgery for the genetic study of multiple sclerosis under the direction of Dr. Roland P. Mackay....	17 178 02
308.	Planned Parenthood Federation of America, Inc.: to the Department of Anatomy for a study of the side effects of tranquilizing drugs, under the direction of Dr. Samuel R. M. Reynolds..	3 500 00
309.	Population Council, Rockefeller Institute for Medical Research: to the Department of Anatomy for studies on ovulation, under the direction of Dr. Samuel R. M. Reynolds.....	6 940 00
310.	Research Corporation, Inc., New York, New York.....	5 400 00
	To the Department of Chemistry for a synthesis of optically active polypeptides using the Lossen rearrangement, under the direction of Dr. Ludwig Bauer	\$2 900 00
	To the Department of Biological Chemistry for a synthesis of analogs of thymidine, under the direction of Dr. Stephen B. Binkley.....	2 500 00

311.	Research Society for Cerebral Palsy: to the Department of Neurology and Neurological Surgery for research under the direction of Dr. Frederic A. Gibbs.....	4 924 80
312.	Scottish Rite Masons, through the National Association for Mental Health, Inc.: to the Department of Psychiatry for research on intracellular metabolism in schizophrenia, under the direction of Dr. Francis J. Gerty.....	2 333 34
313.	Tobacco Industry Research Committee.....	18 187 69
	To the Department of Histology for research on composite cigarette smoke condensate, under the direction of Dr. Isaac Schour.....	\$17 687 69
	For a fellowship grant, under the direction of Dr. Milan V. Novak, Associate Dean of the Graduate College.....	500 00
314.	United Fund of Wayne County: for the cancer gift fund.....	320 00
315.	Women's Auxiliary of the Chicago Professional Colleges.....	327 00
	For the Occupational Therapy Gift Fund.....	\$ 70 00
	For special duty nursing.....	257 00
316.	Women of the Rotary Club of Chicago: for the Orthopaedic Gift Fund	600 00
317.	Women's Club of Hinsdale: for a scholarship in nursing.....	75 00
318.	The United States Department of Health, Education, and Welfare, for support of the following research and educational programs (the numbers in parentheses are the code designations used by the Department to identify the grant).....	I 131 307 67
	For biochemical studies on gulose, idose, and talose, under the direction of Dr. Paul Kohn, Department of Biological Chemistry (A425-C2 and 425-C3).....	\$11 850 59
	A study of connective tissue changes in rheumatic disease, under the direction of Dr. Conrad L. Pirani, Department of Pathology (A968-C).....	21 467 00
	A study of demonstrated lethal substance in regenerating liver, under the direction of Dr. Ruven Greenberg, Department of Physiology (A1352).....	5 000 00
	A study of rheumatic diseases, under the direction of Dr. Max M. Montgomery, Department of Medicine (2A-5032-C and 2A-5032-CS).....	15 956 00
	Studies on electrical properties of the nervous system, under the direction of Dr. Alexander Geiger, Department of Psychiatry (B413-C2 and B413-C3).....	49 119 01
	A study of nucleoproteins in developing nerve cells, under the direction of Dr. Arthur LaVelle, Department of Anatomy (B415-C2 and B415-C3).....	12 685 75
	A study of thyroid status of neuromuscular function, under the direction of Dr. Neena B. Schwartz, Department of Physiology (B768-C and B768-C2).....	6 741 58
	A study of the effects of drugs on muscle stretch receptors, under the direction of Dr. Klaus R. W. Unna, Department of Pharmacology (B973-C).....	16 419 00
	A study on the site of action of drugs in the nervous system, under the direction of Dr. Klaus R. W. Unna, Department of Pharmacology (B983-C).....	15 217 00
	An analysis and long-time followup of 50,000 electroencephalograms in waking and sleeping states, under the direction of Dr. Frederic A. Gibbs, Department of Neurology and Neurological Surgery (B1109)....	19 116 10
	A study of gonadotrophins and ovarian X-ray effects, under the direction of Dr. James C. Plagge, Department of Anatomy (C2254-C2 and 2254-C2S).....	3 338 48
	A cooperative investigation of the chemotherapy of leukemia, under the direction of Drs. William R. Best and Louis R. Limarzi, Department of Medicine,	

and Dr. Richard J. Winzler, Department of Biological Chemistry (C-2347-C2)	25 350 00
Studies on distribution and role of phosphamidase, under the direction of Dr. Joseph P. Weinmann, Department of Oral Pathology (C2705-C)	13 779 00
A study of phosphonic acid analogs of nucleoside phosphates, under the direction of Dr. Terrell C. Myers, Department of Biological Chemistry (C2856) ..	4 422 00
Research on cell changes in the evolution of malignancy, under the direction of Dr. Elizabeth A. McGrew, Department of Pathology (C2948)	7 954 00
A study of serum glycoproteins, under the direction of Dr. Richard J. Winzler, Department of Biological Chemistry (C2951)	9 520 00
A study of biological differences of rodent and human oral mucosa in relation to carcinogenesis, under the direction of Dr. Joseph P. Weinmann, Department of Oral Pathology (C3029)	14 475 00
A study of alkaline phosphatase in gastric mucosa, under the direction of Dr. Andrew C. Ivy, Department of Clinical Science (C3086)	6 675 00
Studies of demembrated ova in marine invertebrates, under the direction of Dr. Lionel I. Rebhun, Department of Anatomy (C-3454)	2 000 00
Cancer training program under the direction of Dr. Danely P. Slaughter, Tumor Clinic (CT630, C8, and C9)	36 965 37
Cancer training program in the College of Dentistry, under the direction of Dr. Isaac Schour, Department of Histology (CT 663-C8 and CT-663-C9)	7 495 01
A study of synthetic metabolism of normal and abnormal leukocytes, under the direction of Dr. Richard J. Winzler, Department of Biological Chemistry (CY 1828-C4)	17 249 50
A cooperative study on the chemotherapy of leukemia, under the direction of Dr. William R. Best, Department of Medicine (CY-2347-C3)	31 150 00
A study of phosphonic acid analogs of nucleoside phosphates, under the direction of Dr. Terrell C. Myers, Department of Biological Chemistry (CY-2856-C)	4 422 00
A study of the effects of fluorinated antimetabolites on transplantable rat tumors, under the direction of Dr. Harris Busch, Department of Pharmacology (CY 2886-C)	10 000 00
A study of synthesis and biological effects of thymine analogs, under the direction of Dr. Jacob Shapira, Department of Biological Chemistry (CY2921)	6 594 00
A study of the clinical chemotherapy of cancer, under the direction of Dr. Danely P. Slaughter, Department of Surgery (Tumor Clinic) (CY3157)	34 052 00
A synthesis of analogs of thymine, under the direction of Dr. Stephen S. Binkley, Department of Biological Chemistry (CY-3231)	16 456 00
A study of the histopathologic effects of beryllium compounds on the teeth, under the direction of Dr. Isaac Schour, Department of Histology (D232)	13 396 00
A study of oral changes in normal and scorbutic guinea pigs, under the direction of Dr. Clive I. Mohammed, Department of Histology (D360)	15 048 00
A study of perioral musculature—course of muscle fibers and intra-oral surface pressures, under the direction of Dr. Allan G. Brodie, Department of Orthodontics (D428)	2 300 00

Experimental morphology of hamster oral epithelium, under the direction of Dr. Roy J. Gillette, Department of Histology (D-485).....	13 203 00
Cytometric studies of human gingiva, under the direction of Dr. Joseph P. Weinmann, Department of Oral Pathology (D-513).....	14 471 00
A quantitative electromyographic analysis of mastication, under the direction of Dr. Samuel Pruzansky, Department of Orthodontics (D-521).....	2 990 00
A study of lathyrism of the periodontal tissues and jaws of rats, under the direction of Dr. Joseph P. Weinmann, Department of Oral Pathology (D-625)...	11 869 00
Longitudinal studies of dental health status of young adult males, under the direction of Dr. Seymour H. Yale, Department of Dental Radiology (D-639).....	2 300 00
A study of the pathology of oral mucosa under the direction of Dr. Joseph P. Weinmann, Department of Oral Pathology (D-658).....	35 545 00
A study of early changes in the jaws caused by sweet pea feeding in rats, under the direction of Dr. Joseph P. Weinmann, Department of Oral Pathology (D5064-C2).....	167 00
A fellowship for Dr. Barry Miller, under the direction of Dr. Allan G. Brodie, Department of Orthodontics (DF 5544-C).....	500 00
A study of localization of carcinogens in skin and oral mucosa, under the direction of Dr. Joseph P. Weinmann, Department of Oral Pathology (DF 5728-C)	500 00
A study of perioral musculature—course of muscle fibers and intra-oral surface pressures, under the direction of Dr. Neena B. Schwartz, Department of Physiology (DF-7184)	500 00
For research training, under the direction of Dr. Isaac Schour, College of Dentistry (DT-12).....	27 000 00
Studies on animal virus propagation, under the direction of Dr. Max E. Rafelson, Jr., Department of Biological Chemistry (E664-C3).....	10 755 56
Studies on tryptophan biosynthesis and related metabolism and microorganisms, under the direction of Dr. Max E. Rafelson, Jr., Department of Biological Chemistry (E692-C2)	6 709 45
A study of E. Coli growth on acetate and other two-carbon compounds, under the direction of Dr. Sam S. Barkulis, Department of Biological Chemistry (E1032-C).....	5 444 00
Research on pathways of L-Rhamnose formation in streptococcus haemolyticus, under the direction of Dr. Sam S. Barkulis, Department of Biological Chemistry (E1161 and E1161-C).....	11 989 00
A study of the substances in human blood capable of inhibiting delayed type allergic reactions, under the direction of Dr. Adolph Rostenberg, Jr., Department of Dermatology (E1362-C).....	9 999 00
A study of L forms of Group A B heolytic streptococci; biochemical, metabolic, and pathogenetic properties, under the direction of Dr. Sam S. Barkulis, Department of Biological Chemistry (E1514).....	14 230 00
Six dental student part-time research fellowships (FD121 and FD221S).....	3 888 00
Medical students part-time research fellowships, under the direction of Dr. Milan V. Novak, Graduate College (FG228 and FG228S).....	5 184 00

A study of endocrine and other factors in myocardial function and metabolism, under the direction of Dr. William V. Whitehorn, Department of Physiology (H1353-C4)	3 105 00
A study of the measurement of the metabolic turnover times of the electrophoretic plasma protein components in cardiac decompensation and in diseases of the vascular system of presumed hyperimmune etiology, under the direction of Dr. S. Howard Armstrong, Jr., Department of Medicine (H1511-C3)	16 448 00
A study of the problems related to tissue antigens, under the direction of Dr. Cecil A. Krakower, Department of Pathology (H1623-C5)	13 035 90
Pathogenesis and treatment of experimental hypertension produced by constriction of the carotid sinus area, under the direction of Dr. George E. Wakerlin, Department of Physiology (H2074-C)	15 967 00
Biopsy studies of kidney structure and function, under the direction of Dr. Robert M. Kark, Department of Medicine (H2253 and H2253S)	30 805 00
A study of oxygen consumption after exercise, under the direction of Dr. Norman R. Alpert, Department of Physiology (H2345)	15 606 00
A study of resuscitation of the mammalian heart after several hours of oxygen deprivation, under the direction of Dr. Theodore R. Sherrod, Department of Pharmacology (H2354)	16 078 00
A study of myocardial revascularization, under the direction of Dr. Ormand C. Julian, Department of Surgery (H2480)	10 445 00
A study of vascular responses in skin and muscle to various states, under the direction of Dr. David I. Abramson, Department of Physical Medicine and Rehabilitation (H2568)	16 680 00
A study of the effect of digitalis on heart and muscle electrolytes, under the direction of Dr. Harry A. Bliss, Department of Medicine (H2606)	11 988 00
A study of antiferritin-serum treatment of irreversible shock, under the direction of Dr. John B. Fuller, Department of Pathology (H3234)	2 000 00
Cholesterol studies, under the direction of Dr. Andrew C. Ivy, Department of Clinical Science (H3411)	12 713 00
A study of cardiovascular teaching under the direction of Dr. Harry A. Bliss and Dr. Granville A. Bennett, Department of Medicine (HT300-C6 and HT300-C7)	37 314 27
Analysis of the factors involved in the psychoanalytic therapy process, under the direction of Dr. Ernest A. Haggard, Department of Psychiatry (M637-C2, M637-C3, and M637-C3S)	56 170 00
Studies of psychosomatic disorders in children, under the direction of Dr. Francis J. Gerty, Department of Psychiatry (M823-C)	12 186 95
Etiology of psychosomatic and emotional disorders, under the direction of Dr. Charles Wenar, Department of Psychiatry (M1279)	14 676 00
Studies of psychosomatic disorders of childhood, under the direction of Dr. Irene Josselyn, Department of Psychiatry (M1335)	20 000 00
Investigations of the behavioral role of the hippocampus and related structures, under the direction of Dr. Garth J. Thomas, Department of Psychiatry (M1370)	26 293 00

A study of the relationship between psychodiagnosis and psychotherapy, under the direction of Dr. Alan K. Rosenwald, Department of Psychiatry (MF5410-C)	500 00
Postdoctoral training grant in clinical psychology, under the direction of Dr. Alan K. Rosenwald, Department of Psychiatry (2M5538-C6).....	6 712 72
Undergraduate training program in psychiatry, under the direction of Dr. Paul Nielson, Department of Psychiatry (2M6009-C1)	18 077 95
Post-sophomore fellowships in dentistry, under the direction of Dr. Milan V. Novak, Graduate College (PY-2 and PY-2-S).....	7 426 00
Remodeling and construction of research facilities (RC-87-RC-91 inclusive)	70 750 00
A study of tissue metabolism at high atmospheric pressure, under the direction of Dr. Frank E. South, Jr., Department of Physiology (RG4260-C2).....	4 600 00
A study of the anatomy and embryology of human melanocytes (pigment forming cells), under the direction of Dr. Samuel W. Becker, Jr., Department of Dermatology, and Dr. Arnold A. Zimmermann, Department of Anatomy (RG4436-C).....	4 050 00
Electron microscope studies of implantation in the rat, under the direction of Dr. Parke H. Simer, Department of Anatomy (RG4606).....	4 952 00
Investigations in the fetal and neonatal periods, under the direction of Dr. Samuel R. M. Reynolds, Department of Anatomy (RG4728).....	23 000 00
A study of the physiologic alterations of the immediate newborn human infant, under the direction of Dr. James H. McClure, Department of Obstetrics and Gynecology (RG4860)	7 027 00
A study of Cr ⁵¹ tagged red cell survival time in children, under the direction of Dr. Alexander P. Remenchik, Department of Medicine (RG5059).....	2 300 00
Predoctoral training grant in clinical psychology, under the direction of Dr. Alan K. Rosenwald, Department of Psychiatry (5083-C9).....	11 798 48
Office of Vocational Rehabilitation Teaching, under the direction of Miss Beatrice Wade, Associate Professor and Head, Department of Occupational Therapy	5 145 00
<i>Total, Funds Received from Private Industries, Foundations, Other Organizations and Government Agencies for Research and Graduate Study.....</i>	
	(1 698 373 65)

Funds Received from Individuals

319. Anonymous Donors	875 00
For research in the Department of Surgery (this amount represents honoraria and consultations accumulated by Dr. Warren H. Cole, Head of the Department of Surgery)	\$ 650 00
For research in the Department of Surgery.....	125 00
For research in the Department of Anatomy.....	100 00
320. L. A. Abbott, Morrison, Illinois: to the Department of Medicine for research in arthritis.....	78 20
321. Bertha Berkelhamer: for the annual Dr. Ralph C. Berkelhamer Scholarship (this scholarship was started in 1946).....	100 00
322. August Burnier: for student loans.....	25 00
323. Dr. Allan G. Brodie, Professor and Head of the Department of Orthodontics: to the Department of Surgery for the purchase of electrocardiographic equipment.....	300 00
324. Mrs. Catherine Lee Cubert, Assistant Professor of Audiology: for the Audiology Gift Fund.....	115 00

325. Dr. Ward Eastman, Peoria: to the Department of Surgery for the Cutter, Hurlbut, Eastman Fund.....	100 00
326. Edward Gold: to the Department of Surgery for the Cardiovascular Gift Fund.....	250 00
327. H. S. Gralnek of the Highway Casualty Company: for the Otolaryngology Fund	50 00
328. Dr. Lester D. Kaplin, an alumnus of the College of Dentistry: for prizes for three students in the graduating class who excel in clinical dentistry.....	50 00
329. Dr. Charles Lightfoot, Associate Professor of Otolaryngology: to assist work in audiology in the Department of Otolaryngology	50 00
330. Ruby E. Meyer: for research in dermatology.....	25 00
331. Dr. Felix Mooney, Bristol, Pennsylvania: for an annual \$500 scholarship to be awarded to a deserving and worthy undergraduate medical student selected in his first year of study.....	500 00
332. George S. Oberne: for the Alva Oberne Cancer Research Fund	400 00
333. Charles T. Scott: to the Department of Obstetrics and Gynecology for research.....	100 00
334. From the family of Walter Schroeder: for the Occupational Therapy Gift Fund.....	50 00
335. Estate of Margaret Ann Schultz, deceased: to the Department of Surgery (Tumor Clinic) for research under the supervision of Dr. Danely P. Slaughter (a report of the receipt of \$5,069.86 from this estate was made to the Board on January 16, 1957. This amount will be used for long-term loan funds available to students in the College of Medicine).....	550 72
336. Employees of the Western Electric Company: for the Pediatric Gift Fund	72 00
337. Neighbors of Mr. William Mahaffey: for the Dermatology Research Fund in memory of Mr. Mahaffey.....	20 00
338. From the donors listed below to add to the Cancer Gift Fund in the College of Medicine.....	918 00
Edward Atlas	\$ 100 00
Members of the Faculty of the Austin Sexton School in memory of Mr. Harry E. Whitlock, Sr., the father of a faculty member.....	15 00
Mrs. Jane Bernat.....	28 00
Mrs. A. Deraedt, Chicago.....	100 00
Mrs. Allen Johnson.....	5 00
Mrs. Eleanor Nelson.....	200 00
Friends of Mr. Frank Samec, deceased.....	50 00
Mrs. Carl A. Sorling.....	100 00
Lester E. Steiner, Fairfield, Illinois.....	320 00
339. From the donors listed below to the Psychiatry Gift Fund.....	46 60
Mrs. Mildred Hamilton.....	\$ 12 80
Mr. and Mrs. Robert G. Smith, in memory of Dr. Ralph E. Talbott.....	10 00
Various donors	23 80
<i>Total, Funds Received from Individuals.....</i>	<i>(4 675 52)</i>

Gifts of Equipment

340. Mrs. Ralph Bedwell: to the Department of Pediatrics, Research and Educational Hospitals, a television set.
341. Robert Druse: to the Neuropsychiatric Institute for a pick-up walker.
342. National Foundation for Infantile Paralysis: to the Department of Physical Medicine and Rehabilitation, two child sized wheelchairs (estimated value \$250).
343. Prairie Farmer-WLS Christmas Neighbors Club: to the Research and Educational Hospitals, four Motorola table model clock radios.
344. Mrs. Earl R. Serles: to the College of Pharmacy, books from the library of the late Dean Earl R. Serles.

345. Western Electric Company: to the Department of Physical Medicine and Rehabilitation, a stationary bicycle (valued at \$79.50).	
346. Will County Pharmaceutical Association Women's Auxiliary: to the College of Pharmacy, a Webster's international dictionary and stand.	
347. From the following donors, various items of equipment for use of staff and patients in the Respiratory Center, Research and Educational Hospitals: Dorothy Stern Polio Foundation; Elaine Settler Polio Foundation; March of Dimes, Cook County Chapter; National Foundation for Infantile Paralysis, Cook County Chapter; Sabbath's Department Store; Unistrut Products Company; Kappa Group; Mr. Irving Lerner.	
<i>Total, Chicago Professional Colleges</i>	(1 703 049 17)
<i>Total of This Report</i>	3 278 672 28
<i>Gifts and grants received during the period July 1, 1956, through June 30, 1957, and previously reported to the Board (Supplement No. 1 to this report)</i>	398 975 00
<i>Funds from the University of Illinois Foundation during the calendar year ending December 31, 1956 (Supplement No. 2 to this report)</i>	144 958 37
<i>Grand Total</i>	\$ 3 822 605 65

Report of Gifts and Grants Received by the University

Supplement No. 1

During the period July 1, 1956, through June 30, 1957, the following gifts and grants have been previously reported to the Board:

1. Anonymous donor: to start a fund for the construction of a faculty club (reported to the Board September 18, 1956, minutes page 71)\$ 10 000 00
2. Mr. Cushman B. Bissell: oil paintings for the Chicago Professional Colleges (reported to the Board November 28, 1956, minutes page 158).
3. Friends and relatives of the late Gerald S. Cohen, Class of 1957: to establish a student loan fund (reported to the Board March 12, 1957, minutes page 318)..... I 025 00
4. Estate of Myra Jones Davis (Mrs. David J. Davis): for the David J. Davis Fellowship in Pathological Sciences. This provision was made in the will of the late Myra Jones Davis under a trust agreement with the State Bank and Trust Company of Evanston (reported to the Board January 16, 1957, minutes page 186) 25 000 00
5. Ford Foundation: to the University of Illinois Press to stimulate scholarly publications in the humanities and social sciences (reported to the Board March 12, 1957, minutes page 317)..... 5 600 00
6. The Forest Park Foundation, Peoria: for a study by the Institute of Labor and Industrial Relations of economic problems of older workers in the Peoria area (reported to the Board January 16, 1957, minutes page 186)..... 25 000 00
7. Mr. Felix Gehrmann, \$30,000 par value State of Illinois Service Recognition bonds Series A, bearing an interest rate of 1¾ per cent and maturing May 1, 1972, with unclipped coupons valued at \$3,150 attached: to add to the Gehrmann Lectureship Fund in the College of Medicine which was established in 1924 in honor of the late Dr. Adolph Gehrmann, Professor of Bacteriology and Hygiene in the College of Medicine (reported to the Board January 16, 1957, minutes page 186)..... 33 150 00
8. Haskins and Sells Foundation, Inc., New York, New York..... 5 500 00
A \$500 award to be made annually to outstanding senior students in accounting.....\$ 500
To assist qualified instructors in accounting while they are pursuing higher academic degrees for careers in

teaching accounting, \$1,000 a year for five years, beginning with the academic year 1956-57 (reported to the Board July 25, 1956, minutes page 27).....	5 000
9. Mr. Arthur Keating, Chicago: fifty shares of Ekco Products Company common stock, with a current market value of \$2,000 (this amount shall be used over a period of five years, \$400 each year, for the Dr. B. B. Rappaport Student Dental Research Assistantship in the College of Dentistry, established by Mr. Keating) (reported to the Board October 22, 1956, minutes page 121).....	2 000 00
10. W. K. Kellogg Foundation, Battle Creek, Michigan: for the National Association of Educational Broadcasters in support of educational broadcasting, for a period of three years (reported to the Board July 25, 1956, minutes page 27).....	141 000 00
11. The Magnavox Company, Fort Wayne, Indiana: seven television sets for the use of students and members of the faculty at Urbana-Champaign (reported to the Board January 16, 1957, minutes, pages 186 and 187).	
12. National Science Foundation, Washington, D.C.: for the support of a program for supplementary training of high school teachers of mathematics (reported to the Board, November 28, 1956, minutes page 158).....	86 700 00
13. Rockefeller Foundation: for a study of polyploidy in maize under the direction of Dr. Denton E. Alexander, Department of Agronomy (reported to the Board March 12, 1957, minutes page 317).....	34 000 00
14. Bequest of Edward H. Schlader: the will of the late Edward H. Schlader provided that his estate be held in trust with the income to be used to establish the Schlader Memorial Scholarships in Engineering at the University of Illinois in memory of Theodore H. Schlader, Class of 1885 (reported to the Board November 28, 1956, minutes page 156).	
15. Estate of Victor S. Yarros: the trust agreement, established by the late Victor S. Yarros in 1949, amended in 1950, provided for termination of the trust upon his death and distribution of the assets among various beneficiaries, including the University of Illinois. The estimated amount the University will receive will be between \$30,000 and \$40,000. The University has received annual contributions of \$300 from this trust since 1949 for the Rachelle S. Yarros Scholarship Fund. The funds from the trust estate have been set up as an endowment, the income to be used for scholarships to deserving and needy students in the College of Medicine.	30 000 00
<i>Total, Supplement No. 1.</i>	\$398 975 00

Supplement No. 2

Summary of 1956 Achievement Fund

The income of the Illini Achievement Fund of the University for the calendar year 1956 amounted to \$144,958.37. Of this total \$114,126.09 was received in sums designated for specific projects, and \$30,832.28 was received in undesignated gifts.

All allocations of undesignated gifts were made by the Board of Directors of the University of Illinois Foundation with the approval of the University administration. The following summary shows the distribution of 1956 income:

Gifts to 1956 Projects.....	\$54 625 68
Special Projects	38 086 08
Gifts for Endowment Purposes.....	48 282 90
Income from Endowment Funds.....	3 963 71

Details of this report have been published in the *Illinois Alumni News* of March, 1957, and are being filed with the Secretary of the Board for record.

This report does not represent the total income of and funds raised by the University of Illinois Foundation during the calendar year ending December 31.

1956, but is a report of funds turned over to the University by the Foundation during this period.

This report was received for record.

REPORTS OF BOARD COMMITTEES

The Board took up consideration of the following reports and recommendations from its Committees.

INVESTMENTS

Mr. Swain, for the Finance Committee, reported the following changes in investments of trust funds:

Endowment Funds—General

Sale

Twelve shares of Public Service Company of Indiana common.....	\$ 404 64
Forty-five shares of Commonwealth Edison Company.....	1 731 84
One share of Hammermill Paper Company 4¼ Pfd.....	87 94
Eight shares of El Paso Natural Gas 4.10 Cumu. Pfd.....	637 20
Twenty-nine shares of American Tobacco Company common.....	2 078 46
Twenty-six shares of Swift and Company capital.....	791 28
Sixteen shares of J. C. Penney common.....	1 256 63
Two shares of Virginia Electric and Power Company 5 Pfd.....	194 29
Thirteen shares of Northern Illinois Gas Company common.....	218 19
One share of Montgomery Ward Class "A".....	139 89
Six shares of Household Finance Corporation 3¼ Pfd.....	433 64
Nine Shares of Marshall Field 4¼ Cumu. Pfd.....	705 58
Eight shares of Burlington Industries 4 Pfd.....	510 18

Purchases

\$ 1,500 U. S. Treasury, 2½ per cent, due August 15, 1963.....	\$ 1 398 75
30,000 American Telephone and Telegraph, 5 per cent, due November 1, 1983.....	30 438 30
8,000 American Telephone and Telegraph, 5 per cent, due November 1, 1983.....	8 380 00

Report of Comptroller

Men's Residence Halls Revenue Bond Fund of 1957—Construction

(Authorized by Board of Trustees resolution dated May 28, 1957)

Purchase

\$532,000 U. S. Treasury bills, due January 2, 1958.....	\$530 900 52
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Dentistry-Medicine-Pharmacy Building Revenue Bond Funds—Construction

(Authorized by Board of Trustees resolution dated March 18, 1951, minutes page 632)

Purchases

\$10,000 U. S. Treasury bills, due August 8, 1957.....	\$ 9 928 00
10,000 U. S. Treasury bills, due November 29, 1957.....	9 958 75
10,000 U. S. Treasury bills, due December 12, 1957.....	9 948 44
10,000 U. S. Treasury bills, due December 26, 1957.....	9 937 00

Dentistry-Medicine-Pharmacy Building Revenue Bond Funds—Auxiliary

(Business Manager of Chicago Departments authorized by Board of Trustees at meeting of December 16, 1953, minutes page 1191)

Purchases

\$ 50,000 U. S. Treasury bills, due June 27, 1957.....	\$ 49 803 08
100,000 U. S. Treasury bills, due August 1, 1957.....	99 312 00

This report was received for record.

THE UNIVERSITY OF ILLINOIS STATUTES

Mrs. Watkins submitted the following report:

The Special Committee on Revision of the University of Illinois Statutes recommends adoption of the *General Rules Concerning University Organization*

and *Procedure* as contained in the press proof submitted to the Trustees in advance of today's meeting. This is the second part of the University of Illinois Statutes which your Committee has been charged with the responsibility of revising and bring up to date. The first part, the *University of Illinois Statutes*, was approved by the Board of Trustees on January 16, 1957, and became effective September 1, 1957.

In approving the Statutes the University Senate accepted the recommendation of the Senate Committee on Revision of the Statutes that only those sections in which the University Senates have an interest should be included in the *University of Illinois Statutes*, and that those sections which deal with administrative organization and the powers and responsibilities of administrative officers of the University should appear in a separate compilation, the *General Rules Concerning University Organization and Procedure*. (This compilation has sometimes been called Part Two in discussions of the Statutes.)

Amendments to the *University of Illinois Statutes* are to be adopted by the procedure set forth in Section 62 thereof. Amendments to the *General Rules Concerning University Organization and Procedure* are to be made by the Board of Trustees on the recommendation of the President, and the Senates will not participate in the amending process. The present compilation of the *General Rules Concerning University Organization and Procedure* was submitted to the Senate because it contains some sections which the former University Senate had approved over the years. By approving this compilation the Senate understood that it was divesting itself of its role in amending those sections. It was understood, however, that subject matter dealt with in the *General Rules Concerning University Organization and Procedure* may be covered in amendments to the *University of Illinois Statutes* which the Senate may later propose.

The University Senate, in a special session held on July 29, 1957, and called by the President of the University for this purpose, considered the compilation of the *General Rules Concerning University Organization and Procedure*. The text of the sections was approved by the Senate and was submitted to the Board of Trustees for consideration and adoption. The University Senate also authorized representatives of its Committee on the Revision of the Statutes, working with the Legal Counsel, to edit the draft and to make such changes, other than in substance, as they deemed necessary. The draft as edited was then submitted to the Board of Trustees Committee and to all of the other Trustees.

The Board Committee went over the draft, section by section, making certain changes. Representatives of the University Senate Committee advised the Board Committee that these changes would not be of concern to the Senate since they are either clarifying language or deal with matters of administrative policy. At the conclusion of its deliberations, the Committee approved the draft and authorized the Secretary of the Board to have it printed for presentation to the Board of Trustees.

The Committee recommends that the *General Rules Concerning University Organization and Procedure* become effective as of January 1, 1958, with the exception of Section 26, "Terms of Employment and Administrative Staff," which the Committee recommends become effective September 1, 1958, since it is not feasible to change present contracts of appointment which are subject to existing terms of employment.

At the conclusion of this presentation, Mr. Johnston suggested two other changes:

Section 11, listing the duties of the Vice-President and Comptroller and of subordinate officers in the Business Office, specifies that the Bursar shall "collect all monies due the University." Other Sections authorize the President of the University and the Vice-President and Comptroller to accept funds for various purposes. A change in the language in Section 11 is indicated in the interest of consistency and to avoid possible misunderstandings of the several provisions.

In Section 21, a statement of the existing University policy on the use of University buildings and premises for political purposes should be included.

The Secretary was authorized to make these changes after conferring with Mr. Johnston.¹

On motion of Mrs. Watkins, the *General Rules Concerning University Organization and Procedure* were adopted. The complete text, as amended in accordance with the above changes, is printed as an appendix to these minutes (page 1058).

SECRETARY'S REPORTS

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

APPOINTMENTS MADE BY THE PRESIDENT

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

- COCHRAN, IRWIN A., Associate Professor of Business Management on indefinite tenure, and Director of the Bureau of Business Management for two years, beginning September 1, 1957, \$10,500 a year, supersedes (11-18-57).
- CSALLANY, MRS. AGNES, Assistant in Animal Science (S), ten months from November 1, 1957, \$4800 a year, supersedes (11-15-57).
- DOO, VEN YOUNG, Research Associate in Metallurgical Engineering, Department of Mining and Metallurgical Engineering (C), November 15, 1957-August 31, 1958, \$500 a month, supersedes (12-3-57).
- EKBERG, DONALD, Instructor in Physiology (College of Liberal Arts and Sciences and Graduate College), ten months from November 1, 1957, to render service during the academic year, \$5000 a year (11-25-57).
- GINSBERG, JAMES, Clinical Instructor in Psychiatry (Medicine), $\frac{3}{4}$ time, ten months from November 1, 1957, \$3000 a year, supersedes (11-8-57).
- GOURISHANKAR, V., Instructor in Electrical Engineering (C), $\frac{3}{4}$ time, February 1-June 15, 1958, \$388.89 a month, supersedes (12-3-57).
- HAUCK, MATHEW, Research Associate in the Bureau of Economic and Business Research (Graduate College), ten months from November 1, 1957, \$5500 a year (12-3-57).
- HAYASHI, JAMES A., Assistant Professor of Biological Chemistry (Medicine), eleven months from October 1, 1957, \$6850 a year, supersedes (11-14-57).
- IWIG, DOROTHY, Associate Professor of Home Furnishings (Home Economics) (E), 7/10 time, August 1, 1957-May 31, 1958, \$6293; this is in addition to her assignment from the United States Department of Agriculture, August 1, 1957-May 31, 1958, and Associate Professor of Home Furnishings (Home Economics) (E), indefinite tenure beginning June 1, 1958, \$8250, supersedes (11-14-57).
- JENSEN, JOHANNES H. D., Visiting Lecturer in Physics (C), November 24-December 23, 1957, \$1050 (11-26-57).
- KARVINEN, ESKO, Research Assistant in Clinical Science (Medicine), one year from September 1, 1957, \$5370 (11-7-57).
- LASKIN, DANIEL M., Associate Professor of Oral and Maxillofacial Surgery, 52/100 time; of Postgraduate Studies, 23/100 time; of Oral Surgery, 15/100 time (Dentistry), \$9450 a year, and Clinical Associate Professor of Surgery (Medicine), without salary, indefinite tenure beginning October 15, 1957, supersedes (11-8-57).
- LENARDO, GUIDO D., Assistant in Medicine (Medicine), eight months from November 1, 1957, without salary (11-14-57).
- LITTLE, ROBERT L., Instructor in Organic Chemistry, $\frac{1}{2}$ time, six months from September 1, 1957, to render service during the first semester of the academic year 1957-58, \$1100; and Research Associate in Chemistry, $\frac{1}{2}$ time, six months from September 1, 1957, \$1100, and full time, six months from March 1, 1958, \$3170, supersedes (11-6-57).

¹ After conferring with Mr. Johnston, the Secretary submitted the text of the proposed changes to all members of the Special Committee of the Board of Trustees on Revision of the University Statutes and secured their approval. Copies of the correspondence with the Committee showing these changes are filed with his records of the Board of Trustees meeting of December 17, 1957. — Secretary's Note.

- LIVESAY, GEORGE B., Assistant in Neurology and Neurological Surgery (Medicine), eleven months from October 1, 1957, without salary (11-7-57).
- LOESCH, JOHN, Instructor in Psychiatry (Medicine), $\frac{1}{2}$ time, ten months from November 1, 1957, \$3750 a year, supersedes (11-14-57).
- MCDONOUGH, MALCOLM W., Research Assistant in Dairy Science (S), November 6, 1957-October 31, 1958, \$4800 a year (11-26-57).
- MONKE, EDWIN J., Instructor in Agricultural Engineering (S), ten months from November 1, 1957, \$6500 a year, supersedes (11-25-57).
- MOOS, CARL, Research Associate in Physiology (Medicine), eleven months from October 1, 1957, \$6200 a year (11-8-57).
- NAIR, P. VELAYUDHAN, Research Associate in Pharmacology (Medicine), November 16, 1957-August 31, 1958, \$6600 a year (11-8-57).
- NORSEN, JEANNETTE M., Research Assistant in Medicine (Medicine), November 4, 1957-August 31, 1958, \$4900 a year (11-14-57).
- OLECH, ELI, Professor of Oral and Maxillofacial Surgery and Director of Minor Oral Surgery (Dentistry), $\frac{3}{4}$ time, \$6300 a year, and Clinical Professor of Surgery (Medicine), without salary, indefinite tenure, beginning October 15, 1957, supersedes (11-8-57).
- PARK, GEORGE E., Research Associate in Clinical Science (Medicine), ten months from November 1, 1957, without salary (11-20-57).
- PLISKE, LEONA K., Assistant in Medical Social Work (Medicine) and in the Chicago Professional Colleges, November 18, 1957-August 31, 1958, \$5150 a year; for her convenience she will also be furnished meals while on duty (11-7-57).
- RADIN, CALVIN, Clinical Assistant in Medicine (Medicine), ten months from November 1, 1957, without salary (11-25-57).
- ROBBINS, ANITA, Clinical Assistant in Medicine (Medicine), October 28, 1957-August 31, 1958, without salary (11-14-57).
- ROBINSON, IRWIN B., Assistant Professor of Oral and Maxillofacial Surgery (Dentistry), $\frac{1}{2}$ time, \$3250 a year, and Clinical Assistant Professor of Surgery (Medicine), without salary, October 15, 1957-August 31, 1959, supersedes (11-8-57).
- ROWLEY, JANET D., Clinical Instructor in Neurology and Neurological Surgery (Medicine), $\frac{45}{100}$ time, October 15, 1957-August 31, 1958, \$280 a month (12-3-57).
- SCHWARTZ, LESTER, Clinical Instructor in Anesthesiology (Surgery) (Medicine), October 15, 1957-August 31, 1958, without salary (11-7-57).
- SEYMOUR, ROBERT G., Associate Professor of Business Management, indefinite tenure, and Associate Dean of the College of Commerce and Business Administration, two years, beginning September 1, 1957, \$11,500 a year, supersedes (11-18-57).
- SHAPIRA, JACOB, Assistant Professor of Biological Chemistry (Medicine), eleven months from October 1, 1957, \$6850 a year, supersedes (11-14-57).
- SIFFERD, CALVIN S., Assistant Dean of Students, and Supervisor of Counseling and Residence Operations in the Men's Residence Halls, ten months from November 1, 1957, \$7400 a year; for the convenience of the University he will be furnished one meal a day valued at \$84 a year, while on duty, supersedes (11-25-57).
- SWETNAM, CHARLOTTE, Serials Assistant in the Library, seven months from February 1, 1958, \$4800 a year, supersedes (12-4-57).
- THOMPSON, IAN D., Instructor in Surgery (Medicine), $\frac{55}{100}$ time, October 24, 1957-August 31, 1958, \$3000 a year (11-8-57).
- TOUSSAINT, EUNICE, History and Political Science Librarian, with rank of Instructor, seven months from February 1, 1958, \$6000 a year, supersedes (11-25-57).
- WALLER, MARVIN I., Instructor in Operative Dentistry (Dentistry), eleven months from October 1, 1957, without salary (11-14-57).
- WILES, JO ANN, Library School Librarian and Assistant Professor of Library Science, seven months from February 1, 1958, \$6850 a year, supersedes (11-25-57).
- WINN, MRS. DONNA T., Research Assistant in the State Water Survey, seven months from December 1, 1957, \$4500 a year (11-9-57).

- YAMASHITA, JIRO, Research Assistant Professor of Physics (C), three months from December 16, 1957, \$575 a month (11-14-57).
ZETLER, GERHARD, Research Associate in Pharmacology (Medicine), six months from November 1, 1957, \$500 a month (11-8-57).

GRADUATE FELLOWS

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

- KELLY, COLLEEN M., Vocational Rehabilitation Fellow (Trainee) in Social Work, nine months from September 16, 1957, \$2000, supersedes (11-19-57).
KLEIN, JEROME D., Vocational Rehabilitation Fellow (Trainee) in Social Work, nine months from September 16, 1957, \$2000, supersedes (11-19-57).
MARSHALL, FREDERICK J., United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from October 14, 1957, \$4500 (11-6-57).
NELSON, WILLARD H., Ford Foundation Postdoctoral Fellow in the Institute for Research on Exceptional Children, one year from January 1, 1958, \$5000 (11-27-57).
TINSLEY, WILLIAM A., Hackett Fellow in Agricultural Economics, February 1-June 15, 1958, \$600 (12-2-57).

RESIGNATIONS AND CANCELLATIONS

- BARNHARD, DONALD P., Fellow in Physical Education—resignation effective November 1, 1957.
CALVERT, ROBERT, JR., Coordinating Placement Officer—resignation effective March 19, 1958.
GONZALEZ, ELSA L., Research Associate in Dermatology (Medicine)—cancellation effective September 1, 1957.
HAMEROW, THEODORE S., Associate Professor of History—resignation effective February 1, 1958.
HOUSTON, ROBERT C., Research Associate in Psychology—resignation effective December 1, 1957.
JENKINS, PATRICIA M., United States Public Health Service Fellow (Trainee) in Psychology—resignation effective November 1, 1957.
MASON, BERYL T., Research Associate in Neurology (Neurology and Neurological Surgery) (Medicine)—resignation effective November 15, 1957.
QAYUM, ABDUL, Postdoctoral Fellow in Economics—resignation effective September 16, 1957.
SCHWARTZ, MARTIN, Research Associate in Biological Chemistry (Medicine)—cancellation effective September 1, 1957.
STREETER, SHIRLEY, Assistant Professor of Nursing (School of Nursing)—resignation effective November 1, 1957.
WOLCZYRZ, SYLVIA, Research Assistant in Botany—resignation effective December 1, 1957.

LEAVES OF ABSENCE

- LINDSTROM, DAVID E., Professor of Rural Sociology, in the Department of Sociology and Anthropology (College of Liberal Arts and Sciences) and in the Department of Agricultural Economics (College of Agriculture and Agricultural Experiment Station)—leave of absence, without pay, during the summer of 1958 (probably in July), so that he may visit farms, farm homes, and agricultural projects in various countries under the auspices of the International Cooperation Administration and the National Council of Churches.
POIRIER, K. PETER, Instructor in Medicine (Medicine) and Physician in the Health Service (Chicago Professional Colleges)—leave of absence, without pay, beginning November 16, 1957, and continuing through December 15, 1957.
SAHASRABUDHE, MADHU R., Research Assistant in Food Technology (S)—leave of absence, without pay, from November 1, 1957, through January 31, 1958.
SHAW, FAYETTE B., Assistant Professor of Economics (Chicago Undergraduate Division)—leave of absence, with pay, from September 1, 1957, through November 16, 1957, on account of disability.

TYNER, EDWARD H., Professor of Soil Fertility (Agronomy) (C, S, E) — leave of absence, without pay, one year from February 15, 1958, so that he may represent the Department of Agronomy at Cornell University as a Visiting Professor at the University of the Philippines under an International Cooperation Administration contract.

JANUARY, FEBRUARY, AND MARCH MEETINGS

The Board had previously voted to hold its January meeting in Chicago, on Thursday, January 16, 1958, at a time and place to be determined by the President and Secretary of the Board. President Livingston announced that the meeting, including meetings of Board committees, will be held in the offices of the Executive Dean of the Chicago Undergraduate Division at Navy Pier, beginning at 10:30 a.m.

On motion of Mr. Bissell, the Board voted to hold its February meeting in Chicago, on Tuesday, February 18, 1958, at an hour and place to be determined by the President and Secretary of the Board.

The By-Laws of the Board provide that it shall hold an annual meeting on the second Tuesday of March, unless the date of such meeting be changed by the Board. It was the consensus of the Board that no action be taken changing the date of this meeting which will, therefore, be held on March 11, 1958.

MEETINGS OF BOARD COMMITTEES

President Livingston announced that, with the concurrence of the chairmen concerned, meetings of Board committees will be held on Thursday, January 16, 1958, and Tuesday, February 18, 1958, preceding the Board meetings scheduled for those dates.

EXECUTIVE SESSION

At this point an executive session was requested and ordered for the consideration of the following item of business and for a meeting of the Executive Committee.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(21) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendations relating to inventions by members of the staff.

1. A new method of introducing carbonyl functions into certain organic molecules — Bruno M. Vittimberga, former Research Assistant in the Department of Chemistry and Chemical Engineering, and Reynold C. Fuson, Professor of Organic Chemistry, inventors. This method offers a means of introducing carbonyl groups into hydrocarbons and substituted aromatic systems, transforming them in many cases to more useful compounds. The Head of the Department of Chemistry and Chemical Engineering states that in view of the doubtful commercial value and the need for extensive development work, it seems unwise for the University of Illinois to invest further money in this invention; and accordingly recommends that this invention be released to the inventors. The Patent Committee concurs in this recommendation.

2. Production of anaerobic (bacterial) spores — Robert E. Collier, Instructor in Bacteriology, and H. Orin Halvorson, Professor and Head of the Department of Bacteriology, inventors. The purpose of the invention is the development of a process for the production of bacterial spores free from vegetative cells and germinated spores and to do this in a relatively short period of time (twenty-four hours or less). The procedure consists of inoculating a suitable growth and sporulation medium with a small quantity of the desired organism and then allowing the culture to grow and develop at a suitable temperature. Normally, this culture takes from forty-eight hours to two weeks or more to

accomplish. Professor Halvorson has stated that if a patent can be obtained on this procedure, it would have little if any commercial value and that he does not recommend that any expenditures be made in order to develop it. The Patent Committee concurs in this recommendation and recommends the release of this invention to the Office of Naval Research, the sponsoring agency under which it was developed.

3. Perspiration inhibitor using malonate salts — Dr. Adolph Rostenberg, Jr., Professor and Head of the Department of Dermatology, inventor. At its meeting on July 16, 1957, the Board of Trustees approved the transfer of the University's interest in this invention to the University of Illinois Foundation, with the understanding that an application for a patent be filed and other development work carried on. It now appears that this invention has definite commercial possibilities; and accordingly, income may become available in the near future for distribution. In accordance with University policy on inventions resulting from the use of University facilities or resources, the Patent Committee recommends to the Board of Trustees proposed distribution of net income from patents obtained by the University or the Foundation. After discussing this with Dr. Rostenberg and officials of the Chicago Professional Colleges, the Patent Committee recommends that there be paid to Dr. Rostenberg fifteen per cent of the net income received on the above described invention.

I concur in these recommendations.

On motion of Mr. Bissell, these recommendations were approved.

On motion of Mr. Bissell, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

APPENDIX

(Approved by the Board of Trustees December 17, 1957, page 1051.)

**UNIVERSITY OF ILLINOIS
GENERAL RULES CONCERNING UNIVERSITY ORGANIZATION
AND PROCEDURE****EXPLANATORY NOTE**

To the Members of the Board of Trustees:

In approving the Statutes, the Senate accepted the recommendation of the Senate Committee on Revision of the Statutes that only those sections in which the Senates of the University have an interest should be included in the *University of Illinois Statutes*, and that those sections which deal with administrative organization and the powers and responsibilities of administrative officers of the University should appear in a separate compilation, *The General Rules Concerning University Organization and Procedure* (sometimes called Part II in discussions of the Statutes).

Amendments to the *University of Illinois Statutes* are to be adopted by the procedure set forth in Section 62 thereof. Amendments to *The General Rules Concerning University Organization and Procedure* are to be made by the Board of Trustees on the recommendation of the President. The Senates will not participate in the amending process. The compilation of *The General Rules Concerning University Organization and Procedure* was submitted to the Senate because it contains some sections which the University Senate had approved over the years. By approving this compilation, the Senate understood that it was divesting itself of its role in amending the sections. It was understood, however, that subject matter dealt with in *The General Rules Concerning University Organization and Procedure* may be covered in amendments to the *University of Illinois Statutes* which the Senate may later propose.

The University Senate met in a special session, July 29, 1957, called by President Henry, for the purpose of considering this compilation of *The General Rules Concerning University Organization and Procedure*. The texts of the sections were approved by the Senate and they are submitted to the Board of Trustees for consideration and adoption.

Senate Committee on Revision of the University Statutes

A. J. HARNO, Chairman

H. F. JOHNSTONE

G. L. WEBSTER

R. P. HACKETT

RUBIN COHN

ROYDEN DANGERFIELD

Administrative Committee on Revision of the Statutes

A. J. HARNO, Chairman

A. J. JANATA

H. O. FARBER

PREAMBLE

The General Rules Concerning University Organization and Procedure are supplementary to the University Statutes, which became effective on September 1, 1957.

In adopting initially *The General Rules Concerning University Organization and Procedure*, the Board of Trustees is acting on the advice of the University Senates. In making changes in and adopting amendments to *The General Rules Concerning University Organization and Procedure*, the Board of Trustees will act on the advice of the President of the University alone.

I. ADMINISTRATIVE OFFICES**OFFICE OF THE VICE-PRESIDENT AND PROVOST**

Sec. 1. The Vice-President and Provost, being the chief academic officer under the President, has general supervision over all educational units of the University. He also has supervision over all University bureaus and units serving academic departments. The Bureau of Institutional Research, the Student Counseling Service at the Urbana-Champaign campus, the Central Office on the Use of Space, and the Statistical Service Unit are divisions of the Office of the Vice-President and Provost.

BUREAU OF INSTITUTIONAL RESEARCH

Sec. 2. The Bureau of Institutional Research, serving as a fact-finding agency for the University, shall study the academic loads and their budgetary implications. It shall make such reports as are asked by the President, the Vice-President and Provost, or the Vice-President and Comptroller.

The Director of the Bureau shall be appointed by the Board of Trustees on nomination by the President and on recommendation of the Vice-President and Provost.

STUDENT COUNSELING SERVICES

Sec. 3. The Student Counseling Services shall conduct programs of professional psychological services to students, and in behalf of students, regarding their vocational, educational, and emotional or personality problems. They shall serve as consulting and referral agencies for other University administrative officers and staff members concerned with students' academic and personal problems. They shall provide diagnostic tests and perform the other functions commonly associated with psychological counseling.

STATISTICAL SERVICE UNIT

Sec. 4. The Statistical Service Unit shall supervise, operate, and maintain data-processing equipment for the benefit of the University. The primary responsibility of this Unit shall be to serve the Business Office, the Office of the Dean of Admissions and Records, and the Bureau of Institutional Research. When possible, it shall serve other operational units within the University and shall provide facilities and technical assistance in the prosecution of various University research projects.

On recommendation of the Vice-President and Provost, and on nomination of the President, the Board of Trustees shall appoint the Director of the Statistical Service Unit.

DEAN OF STUDENTS — DEAN OF MEN — DEAN OF WOMEN

Sec. 5. (a) The University Dean of Students is the administrative officer responsible for supervision of extracurricular affairs and activities of undergraduate students on the Urbana-Champaign campus. In supervising such activities, the University Dean of Students shall have the advice of the Senate Committee on Student Affairs.

(b) The following officers and agencies are directly responsible to the University Dean of Students:

(1) The Dean of Men and the Dean of Women at the Urbana-Champaign campus, who are appointed biennially by the Board of Trustees on recommendation of the Dean of Students and on nomination of the President.

Associate or assistant deans may be appointed whenever, in the judgment of the President and on recommendation of the Dean of Students, the welfare of certain groups of students may require special advisory or other services.

The Dean of Men and the Dean of Women are general advisers for men and women students respectively. Their duties are advisory and not regulative. The functions they perform include personnel work, vocational advising, and guidance in problems involving general and campus adjustments. They are empowered to summon students for consultation and advice. They shall be ex officio members of the Committee on Freshman Week.

(2) The Director of Housing, insofar as it is his responsibility to inspect living quarters of students in Urbana-Champaign, to provide listings of available off-campus housing, and to promote safety, health, and good living conditions; and with respect to the social, educational, and cultural programs carried on in the residence halls.

(3) The Director of the Illini Union, with respect to the cultural, social, and educational undergraduate programs of the Illini Union Board and with respect to other undergraduate student activities conducted in the Illini Union Building.

(4) The Supervisor of Insurance, with respect to the medical and hospital insurance program for students.

(5) The University Security Officer, insofar as his duties pertain to undergraduate students.

(6) The Assistant Dean for Foreign Students.

(7) The Student Employment Director.

(8) The University Coordinating Placement Offices at the Urbana-Champaign campus and the Illini Center, Chicago, with respect to general administrative supervision, but operating under policies and specific procedures adopted by the Placement Coordinating Council.

(9) All boards administering extracurricular activities of undergraduate students at Urbana-Champaign.

(c) The University Dean of Students participates in the granting of student loans and the awarding of undergraduate scholarships, at the Urbana-Champaign campus.

(d) The University Dean of Students has administrative responsibility for Freshman Week, under policies adopted by the Committee on Freshman Week.

(e) The University Dean of Students shall advise students seeking appeals from decisions of the Subcommittee on Discipline to the Urbana-

Champaign Senate Committee on Discipline, in accordance with policies adopted by the Senate Committee.

PHOTOGRAPHY AND BLUEPRINTING DEPARTMENT

Sec. 6. The Photography and Blueprinting Department is a service unit providing University departments with original photography, both still and movie, photographic printing, blue printing and black line work, color transparencies, lantern slides, microfilms, and movie laboratory productions.

The Department is under the supervision of the Director of Public Information.

OFFICE OF NONACADEMIC PERSONNEL

Sec. 7. The Director of Nonacademic Personnel is responsible, under the executive authority of the President, for the administration of policy and rules relating to compensation and working conditions of nonacademic employees as adopted by the Board of Trustees and the Merit Board of the University Civil Service System of Illinois, and for the performance of such other duties as may be assigned to him by the President. The policies and rules are published separately under the title *Policy and Rules Relating to Compensation and Working Conditions of Nonacademic Employees*.

PHYSICAL PLANT DEPARTMENT

Sec. 8. The Director of the Physical Plant Department shall be responsible for the following functions, subject to the approval of the President:

(a) The operation and maintenance of the physical plant at Urbana-Champaign — excluding the Airport, Robert Allerton Park, and properties maintained by the Athletic Association and the College of Agriculture — and at Chicago, including:

- (1) Building maintenance.
- (2) Grounds maintenance.
- (3) Operation, security, and repair of University motor vehicles, including operation of the University car pool.
- (4) Operation and maintenance of power and heating plants.
- (5) Operation and maintenance of utility and distribution systems.
- (6) Operation and maintenance of the University Water Station.
- (7) Janitor service.
- (8) Fire protection.
- (9) Police and watch service.
- (10) General supervision of public functions.
- (11) Physical Plant Storeroom.
- (12) General University telephone system.
- (13) Operation of the laundry at the Chicago Professional Colleges.
- (14) University mail service.
- (15) Classroom projection services, except at the Chicago Professional Colleges.
- (16) Job order service.
- (b) Capital additions, replacements, and alterations to University buildings and grounds at Urbana-Champaign and Chicago, including design, preparation of drawings and specifications, solicitation and receipt of bids, preparation of agreements and other building construction, remodeling, and altering contract documents, and supervision of construction.

(c) Distribution and recording of all keys to University buildings at Urbana-Champaign and Chicago.

(d) Use of buildings:

(1) Assignment of space, subject to the approval of the Vice-President and Provost, for Urbana-Champaign; the Vice-President in Charge, for the Chicago Professional Colleges; the Executive Dean, for the Chicago Undergraduate Division; and the University Building Program Committee.

(2) Use of rooms by organizations.

(e) Operations and maintenance of the following at Urbana-Champaign and Chicago, exclusive of educational, social, and recreational programs connected therewith:

(1) Illini Union and auxiliary facilities, Urbana-Champaign.

(2) Illini Union and the Snack Bar in the Research and Educational Hospitals, Chicago Professional Colleges.

(3) Food service facilities, Chicago Undergraduate Division.

(4) University-operated housing facilities for single students, married students, faculty, and staff.

(f) Operating and cost accounting records required for the above functions, subject to the approval of form by the Comptroller.

The Director of the Physical Plant Department may call upon the scientific and technical staff of the University for advice.

UNIVERSITY HEALTH SERVICES

Sec. 9. (a) The Director of University Health Services shall apply the established methods of preventive medicine and sanitation to campus life in order to promote the general health and physical welfare of students, faculty, and staff. He shall have authority to inspect University premises as may be necessary in the performance of his duties.

(b) He shall report to the President any conditions which constitute a menace to the health and well-being of students, faculty members, and employees, and with the approval of the President he shall take whatever steps may be necessary to remove such menace.

(c) The University Health Service (Urbana-Champaign campus) and the McKinley Hospital shall be directly under the administration of the Director of Health Services.

(d) All new students entering the University are required at the beginning of their first semester to receive a physical examination in a form prescribed by the Director of Health Services at the appropriate University campus.

UNIVERSITY PRESS

Sec. 10. (a) The Director of the University Press shall have general charge of the work of editing, designing, printing, and distributing the publications of the University and he shall perform such other functions as the President may direct.

(b) In practice, the Press shall read and check copy prepared by departments and, when it seems desirable, recommend additions, deletions, or modifications to make the publication more effective, to reduce the cost, or to meet the limitations or take advantage of the printing process to be used. The Press normally shall not write or rewrite entire publications, but shall indicate to department authors the need for such rewriting when it exists.

(c) By mutual agreement between the Press and a college, school, or institute, responsibility for editing and distributing publications of a particular division of the University may be delegated to an editor (and assistants if needed) on the staff of that division.

(d) Establishment by any division of the University of a journal to be offered for sale to the general public shall require prior approval by the University Press Board. Such approval shall not be required, however, for periodicals whose aim is to report the activities and findings of research and service divisions established for the purpose of disseminating such information (e.g., Agricultural Experiment Station and Extension Service, Engineering Experiment Station, Institute of Labor and Industrial Relations, Bureau of Business Management, etc.).

(e) The Director of the Press shall be responsible for the administration of contracts with authors. Such contracts shall define the rights and obligations of the author and of the Press, and shall state the basis on which royalty payments are to be made to the author and the basis on which receipts from the sale of secondary rights—reprints, foreign translations, serial, dramatic, motion pictures, radio, television—are to be divided between the Press and the author. A copy of the printed agreement in use by the Press shall be made available upon request.

BUSINESS OFFICE

Sec. 11. (a) The Vice-President and Comptroller shall report to the President and perform the following and such other functions as may be assigned to him by the Board of Trustees or the President:

(1) Be the general fiscal officer of the Board. He shall approve for the Board all expenditures for which a general or specific appropriation has been made by the Board.

(2) Assist the Finance Committee of the Board in matters pertaining to the handling of funds and investments.

(3) Report to the Board quarterly the financial condition and operations of the University, and at such times and on such other matters as it may direct.

(4) Devise and install suitable systems of accounting and business procedure.

(5) Designate the place and manner in which financial records shall be maintained.

(6) Be the general business officer of this University and be responsible for those offices comprising the Business Office of the University and located on all campuses of the University, whose delegated responsibilities are as described below:

a) The Auditor's responsibilities extend to all University locations. He shall:

i) Verify by audit the transactions and records of all officers and employees responsible for the receipt or expenditure of money, for the keeping of accounts, or for the custody of property.

ii) Review accounting systems and business procedures, test the effectiveness of the system of internal control, and assist in the installation of new procedures.

iii) Audit or cause to be audited the accounts of all organizations required to submit financial reports to the University.

b) The Bursar (or the Business Manager of the Chicago Professional Colleges and the Chicago Undergraduate Division) shall:

i) Collect all accounts due the University and deposit the funds as required by law and the regulations of the Board of Trustees; this shall include the negotiation and supervision of contracts or other financial arrangements to accomplish such collections.

ii) Make payments for personal services performed by University staff and prepare and maintain payroll records.

iii) Act as certifying officer to the University Retirement System.

iv) Maintain detailed accounts receivable records.

v) Administer fiscal procedures of student loan funds.

vi) Administer fiscal operations of educational and student aid activities financed by outside agencies and individuals.

vii) Handle investments under instructions of the Finance Committee of the Board and the Comptroller.

c) The Chief Accountant shall maintain the general financial records of the University. He (or the Division Chief Accountant at branch locations) shall also:

i) See that all claims against the University are properly verified and approved for payment.

ii) Prepare all warrants on the Treasurer and vouchers against state appropriations.

d) The Director of Purchases (or the Purchasing Agents at branch locations) shall:

i) Negotiate and issue orders for the purchase of articles and materials required by all University departments, except when the Board assigns this authority to some other person or committee, and it shall be his responsibility to purchase suitable articles and materials at proper prices, complying with regulations of the Board and laws governing conduct of University business.

ii) Advise members of the departments as to availability and cost of commodities and services. Purchases of equipment and materials for the Physical Plant Department shall be made in accordance with the recommendations of the Director of the Physical Plant.

iii) Have supervision over general storerooms, except as otherwise provided.

e) The Business Manager in Chicago shall:

i) Act as the Vice-President and Comptroller's representative in business and financial matters at the Chicago Professional Colleges and the Chicago Undergraduate Division.

ii) Have supervision over the various departments of the Business Office on the Chicago campuses.

(b) Purchases shall be made in accordance with applicable state statutes on the basis of competitive prices or bidding, quality, suitability, and service considered. Purchases amounting to \$2,500 or more shall be submitted to the Board of Trustees or to its Executive Committee, unless, in the opinion of the President of the University, necessity requires immediate action, in which case the President shall act and report promptly to the Board. This provision shall not apply to the purchase of food products, grain, livestock, or to any other commodities which the Board from time to time may exempt.

(1) No purchases of materials or equipment shall be made from an

employee of the University or from a concern of which an employee is a sole or principal owner or a corporation of which an employee is a major officer, except when the purchase is approved by authority of the President.

(2) In purchasing or contracting for competitive items, so far as it is practicable or required by law, sealed bids or quotations shall be secured, the announcements and advertisements to indicate the time and place when the bids will be opened. All bids shall be publicly opened in the presence of at least one member or officer of the Board of Trustees, or a designated representative.

(c) The Vice-President and Comptroller may at his discretion receive any remittance to be used to meet the expenses of a student. Expenditure of such funds shall be by voucher approved by the Dean of Men or the Dean of Women, as applicable, and the Vice-President and Comptroller.

This does not authorize the keeping of personal deposit accounts for students but is to permit the acceptance of funds sent for student aid to be disbursed in accordance with the instructions of the donor.

(d) No department shall receive any monies unless authorized by the Vice-President and Comptroller to do so. All monies shall be accounted for and paid over to the Bursar in such manner as the Vice-President and Comptroller shall direct.

(e) No obligation shall be entered into except on authority of the Board and after a general or specific appropriation has been made by the Board therefor, as evidenced by its records, and after having been approved by the Vice-President and Comptroller. All appropriations shall lapse at the end of the fiscal year, June 30, unless otherwise especially ordered.

(f) The fiscal year of the University shall begin with the first day of July of each year and end on the thirtieth day of June next succeeding.

(g) The Vice-President and Comptroller is authorized to establish and administer petty cash funds where necessary for the prompt and efficient handling of University business, providing that no single fund of more than \$1,000 may be established without specific action of the Board of Trustees. The Board shall designate the banks in which petty cash funds in excess of \$1,000 may be deposited.

(h) All employees shall be bonded in adequate amount and form, to be determined by the Board and the expense to be paid by the University.

(i) The Vice-President and Comptroller is permitted at his discretion to act as treasurer of student and other organizations affiliated with the University, but in so doing shall not act on behalf of the University or as a University officer or employee and shall not thereby create any liability on the part of the Board of Trustees of the University of Illinois. In all cases, the accounts of these organizations shall be kept separate from the University accounts and the funds of such organizations shall be kept apart from University funds.

II. BUSINESS PROCEDURES

STUDENT LOAN FUNDS

Sec. 12. (a) Student loan funds are for the purpose of providing financial assistance to students enrolled in the University, including internes and residents. Ordinarily such funds are received by gift and the donor may

specify conditions under which loans may be granted, although the Board of Trustees may transfer funds from other sources to be used for this purpose.

(b) The President is authorized to accept offers of gifts of loan funds which, when received, shall be reported to the Board of Trustees. Offers shall not be accepted where the terms require that loans be made on the basis of race or religious affiliation.

(c) The Finance Committee of the Board of Trustees shall determine from time to time the general policies to be followed in the granting of loans.

In general, the following types of loans shall be made.

(1) *Short Term.* These loans are made to students to meet temporary financial problems, and are to be repaid during the same academic session in which they are made. They are limited to relatively small amounts and ordinarily do not require security. The applications must be approved by the Dean of Students and the Vice-President and Comptroller, or their designees.

(2) *Long Term.* These loans are made to provide material assistance to the student during his attendance at the University, and are generally expected to be repaid from earnings after he leaves the University.

Each application must be approved by the dean or director of the college or school in which the student is enrolled, the Dean of Students, and the Vice-President and Comptroller, or their designees. Security, by means of the signature of a financially qualified cosigner on the note or by satisfactory collateral, is required unless otherwise provided in the deed of gift or waived in meritorious cases.

The Bursar shall, upon approval of the application, determine the fund from which the loan shall be made and shall make the loan on the receipt of a promissory note in the form approved by the Legal Counsel. The Bursar shall make collections on all notes and the interest thereon and, when necessary, may institute proceedings to enforce collection by referring delinquent notes to the Legal Counsel or to agencies outside the University.

(d) Income on the student loan funds may be reserved to defray expenses incidental to the administration of such funds, when not prohibited by the terms of the gift. After providing for such expenses, any balance shall be added to the principal of the funds.

(e) If at any time student loan funds are not needed for student loan purposes, they may, upon approval of the Finance Committee, be invested temporarily in prime interest bearing securities.

GIFTS AND GRANTS

Sec. 13. (a) *Gifts and grants.* They may be accepted from persons, corporations, or agencies outside the University under conditions specified in this section. Staff members may conduct preliminary negotiations with prospective grantors or contractors with the prior knowledge and approval of the department head or other appropriate administrative officer, but are not authorized to bind the University to accept a gift or grant.

(b) *Scholarships and Fellowships.* These are gratuitous payments to students to provide financial assistance during the period of their training. There are two kinds of scholarships: (1) aid to undergraduate students and (2) aid to graduate students, limited to tuition and fees. Fellowships are defined as awards involving cash stipends for students in the Graduate College. In certain exceptional cases, postdoctoral fellowships may be granted. Fellow-

ships are intended to assist the student while he pursues his educational objective; they are not awarded for carrying on specific research, and no services shall be required of a fellow by the University.

The President is authorized to accept funds for scholarships and fellowships. He generally delegates the authority for accepting scholarships to the Special Committee on Undergraduate Scholarships and authority to accept fellowships to the Dean of the Graduate College. At the Chicago Professional Colleges, the Associate Dean shall act in this capacity for the Dean of the Graduate College.

Funds for scholarships and fellowships shall not be accepted where the terms require that they be awarded on the basis of race or religious affiliation.

When funds are received from a donor for fellowships or scholarships, neither the University nor the student recipients shall be obligated to the donor in any way, except to see that established academic requirements are met. The recipient of a scholarship or fellowship shall be chosen by appropriate University agencies, in accordance with established criteria based upon scholastic attainment and financial need.

The Vice-President and Comptroller may receive and disburse funds for a donor who wishes to designate the recipient of a grant for financial assistance. In this event, the University acts only as the agent for the donor; the funds thus received are not University funds; and the grant thus administered, although perhaps designated as a scholarship or fellowship by the donor, has no official University status.

(c) *Endowment Gifts.* The conditions of the gift as stated by the donor ordinarily specify the use to which the income shall be put, although the decision may be delegated to the Board of Trustees. Gifts may be received and accepted with the condition that the principal sum thereof may be either held intact or expended upon authorization of the Board of Trustees, or the University may transfer other funds to the endowment to be invested and only the income expended. Such funds are designated as "Funds Temporarily Functioning as Endowment."

The terms of an offer of a gift to create an endowment shall be reviewed by the department concerned, the Legal Counsel, and the Business Office. The President may accept offers of endowment funds, reporting the gift, when received, to the Board of Trustees. No endowment fund money may be accepted if it is restricted as to use on racial or religious grounds.

(d) *Non-monetary Gifts.* Every offer of a non-monetary gift shall be reported by the department involved to the President, who is authorized to accept it on behalf of, and report it to, the Board of Trustees.

No object of art shall be accepted until its artistic quality has been determined.

Loans of property (non-monetary) are accepted subject to the condition that the University will take all reasonable care of the property but it will not be responsible for loss or damage thereto, unless otherwise agreed to in writing.

Routine loans of equipment may be accounted for and administered by the department involved, without reference to the President. However, receipt of equipment which could result in questions of University policy should be referred through established administrative channels.

RESEARCH GIFTS, GRANTS, AND CONTRACTS

Sec. 14. (a) Research conducted under the auspices of the University may be supported in whole or in part through funds provided by outside donors in the form of research gifts, grants, or contracts. Such arrangements must be approved, before acceptance, by the President or his delegate. Staff members may conduct preliminary negotiations with prospective grantors or contractors with the prior knowledge and approval of the department head or other appropriate administrative officer and the dean or director, if required by college policy, but have no authority to bind the University to enter into a contract. Such research programs shall be controlled and directed by the University and shall be conducted within the appropriate department by members of the University staff. The administrative coordination of such programs shall be under the Agricultural Experiment Station for departments in the College of Agriculture, the Engineering Experiment Station for departments in the College of Engineering, and the University Research Board for all other departments.

(b) Contracts for research shall specify that the results of scientific research conducted by the University, including patentable discoveries, are the property of the University, to be used for the benefit of the University and the public, but if such patentable discoveries have commercial value, the sponsoring agency may receive preferential consideration in the administration of the patent.

(c) The University shall not enter into an agreement with a sponsoring agency which will give it permanently the exclusive benefits of the results of such investigation or research, except under certain contracts with agencies of the United States Government, when such exceptions are in the national interest. The original records of any investigation shall be held by the University, but reports or copies of such records may be furnished to the sponsoring agency. The University shall have the exclusive right to publish, at its discretion, the results of scientific investigation and research, unless provided otherwise in contracts with agencies of the United States Government or state of Illinois. No account of a cooperative research project or reprints of scientific articles resulting from the investigation shall be published by the sponsor or by any other agency, except with the consent of the University. The sponsoring agency shall not use the name of the University in any advertisement, whether with reference to a cooperative investigation or otherwise, without the prior approval of the President of the University.

(d) If conditions imposed by the sponsoring agency require the waiver of established University policies, such as those concerned with full reimbursement for indirect costs, rights of publication, or ownership of potentially patentable inventions or developments, such conditions may be accepted by the University, if required by federal law or the established policies of the sponsor, when the sponsoring agency is governmental or non-profit in character; and if the action of the University in waiving such policies is determined to be clearly in the public interest by the committee specified in paragraph (f) following. Other than the exceptions indicated above, all gifts, grants, and contracts shall be accepted under conditions imposed by relevant University statutes and rules.

(e) The University shall generally accept funds for research from spon-

sors outside the University by an outright gift, a grant, or a written and bilaterally executed contract.

(1) *Gifts*. Gifts for research, which are limited in amount, may be arranged by informal negotiations and correspondence between the sponsor and the staff member who will carry on the research, subject to acceptance as hereinafter provided. The Chairman of the University Research Board, or, at the Chicago Professional Colleges campus, the Vice-President in Charge, is delegated by the President to approve and accept such gifts for the University. Financial arrangements for gifts shall be reviewed and approved by the Business Office. Consideration of the indirect costs to the University accruing on account of the acceptance of gifts shall be made at the time of budgeting the funds to be received.

(2) *Grants*. Grants are ordinarily made to the University by foundations, associations, or other agencies which are governmental or non-profit in character. A grant is differentiated from a gift in that it usually carries certain conditions imposed by the sponsor. Applications for grants should be prepared by the staff member who will supervise the research, approved by the head or chairman of the department and the dean or director, if required by college policy, and presented to the Business Office for review and approval of financial details. Applications should be accompanied by a budget which shall give consideration to all direct and indirect costs involved. After approval by the Business Office, applications for grants shall be considered for approval by the Chairman of the Research Board, or, at the Chicago Professional Colleges campus, by the Vice-President in Charge. Grants carrying conditions the legality of which may be subject to question shall also be referred to the Legal Counsel.

(3) *Research Contracts*. Contracts shall be used when required by the sponsoring agency or when it is desirable to set forth the specific conditions under which funds are to be received and administered. The University standard cooperative agreement contract form shall normally be used for projects with private sponsors. Contracts prepared by the sponsors may be used for projects with agencies of the United States Government, state governments, and in some cases private sponsors.

After informal negotiations with the sponsoring agency, the staff member who is to supervise the project shall prepare a proposal specifying in detail the research work to be carried on and the financial and other conditions. A budget shall be prepared which will provide for all direct costs of the project and the indirect costs to be reimbursed to the University. Such a proposal and accompanying budget shall be approved by the head or chairman of the department and the dean or director, if required by college policy, and submitted to the Business Office. After review and approval by the Business Office, it shall be submitted for approval to the Chairman of the University Research Board, or, at the Chicago Professional Colleges campus, to the Vice-President in Charge. It shall then be returned to the Business Office for submission to the sponsoring agency, such submission to constitute the formal offer of the University to carry on the research subject to the execution of a formal contract as hereinafter provided.

If the contract is with a private sponsor and the amount involved is relatively small, the University standard contract form may be completed by

the staff member and submitted, with accompanying budget, for University approval in accordance with procedures stated above. The proposal shall not be required under such conditions.

Contracts prepared by sponsoring agencies shall be referred to the Business Office for examination as to financial terms and conformance with University policy.

After a proposed contract has been negotiated and received by the Business Office, it shall be approved by the department which is to conduct the investigation and the Legal Counsel, and signed by the Vice-President and Comptroller and attested to by the Secretary of the Board of Trustees, who may authorize responsible members of their staffs to execute contracts on their behalf.

(f) Gifts, grants, and contracts for research may provide for all or a part of the costs of a research project. When the funds from the sponsor are to cover all or substantially all of the costs, the following items should be considered in the preparation of the budget: salaries and wages, employer's contribution to the University Retirement System, allowance for Workmen's Compensation and Occupational Disease liability, expendable supplies, equipment, travel expenses, other direct costs, and an allowance for indirect costs to the University. The amount budgeted for indirect costs in any proposed project shall be reviewed and approved by a committee composed of the Chairman of the Research Board or his delegate, who in Chicago shall be the Vice-President in Charge, a representative of the appropriate research agency or department carrying on the project, and a representative of the Business Office. In determining the amount to be budgeted for indirect costs, the committee shall give consideration to the respective benefits which shall be received from the investigation by the sponsor, by the University, and the public. When the budget provides for full recovery of all indirect costs, or in those cases where some other rate of reimbursement is established by policy of the sponsoring agency and can not be altered by the University, the following distribution of the funds thus received shall be made:

(1) Forty per cent to a reserve which will periodically lapse to general University income. Special administrative, physical plant, or other costs which result from such research activities may be charged directly to this reserve.

(2) Thirty per cent to a fund to be allocated by the University Research Board, for general University research purposes.

(3) Thirty per cent to the University department conducting the investigation, for research or related activities.

In those cases where less than total reimbursement of indirect costs is received, except where this is due to the established policy of the sponsoring agency, all sums received for this purpose shall first be applied to the general University allocation under (1) above. After the full 40 per cent of all indirect costs has been realized, any balance shall then be applied to (2) above, and after such 30 per cent has been realized, any remaining balance shall be applied to (3) above.

On projects where limited or excessive demands are made upon University facilities, the committee is authorized to revise the percentage allocation provided above.

(g) The University is often requested to accept grants and contracts

providing for extension work or teaching services. Policies and procedures set forth in this section and in Section 13 shall apply to such grants and contracts, except that funds appropriated by the United States Government to the Agricultural Experiment Station or the Agricultural Extension Service shall be administered by the College of Agriculture.

DRAFTING AND EXECUTION OF UNIVERSITY CONTRACTS

Sec. 15. (a) Contracts shall be drafted in tentative form by the University officer best acquainted with the subject matter thereof and in whose department lies the responsibility for performance, and approved by the Vice-President and Comptroller of the University, unless otherwise provided by the statutes of the University.

(b) All contracts prior to the execution thereof shall be approved as to legal form and validity by the Legal Counsel, such approval to be endorsed in writing on the contract, provided that such approval and endorsement shall not be required with respect to individual contracts or extensions or renewals thereof the form of which has been previously approved by the Legal Counsel and which contain no substantive changes or additions, other than those pertaining solely to the description of the project, the amount involved, and the term of the contract or extension.

All contracts shall be executed at least in duplicate, and the original thereof shall be filed with the Secretary of the Board of Trustees and remain in his custody. A report shall periodically be made to the Board of Trustees by the Business Office of all contracts executed on behalf of the University.

(c) Unless otherwise ordered by the Board of Trustees in specific cases, contracts to which the University is a party shall be signed by the Comptroller of the Board of Trustees and attested to by the Secretary of the Board of Trustees, to whom authority is delegated by the Board for such purposes, provided however, that:

(1) Contracts involving payments by the University in one fiscal year in excess of \$2,500 shall be specifically authorized by the Board of Trustees, except that when an emergency exists the President is authorized to act but must report his action to the Board of Trustees.

(2) Contracts involving major changes in University policy shall be approved specifically by the Board of Trustees.

(3) Funds shall have been appropriated by the Board of Trustees, either specifically or in a general appropriation for the operation of the University, for all contracts involving payments by the University, except those funds received from an agency outside the University and held by the University as a trustee or an agent.

(4) All contracts must bear the seal of the University, which shall be in the custody of the Secretary of the Board of Trustees and shall be affixed by him.

(5) Contracts for the purchase of fuel, stationery, and printing paper shall be reported to the Governor of the State of Illinois for approval, if required by the constitution or statutes of the state.

(6) The Comptroller and Secretary are authorized to delegate to responsible members of the staff of the University authority to execute and attest to contracts in the name of the Comptroller and the Secretary of the Board.

(d) Contracts for construction work shall be awarded on the basis of sealed bids obtained by the Physical Plant Department and opened in the presence of the Secretary and the Comptroller of the Board of Trustees, or their respective representatives.

(e) All bids received for a specific item or project may be rejected, without referral to the Board of Trustees, when they are considered to be excessive or unsatisfactory as follows:

(1) By the Director of Purchases (or Purchasing Agent at branch locations), when received as a result of requests for bids which he has issued.

(2) By the President, on buildings and construction, upon the recommendation of the Director of the Physical Plant and the Vice-President and Comptroller, *on items over \$25,000*, such rejections to be reported to the Board of Trustees.

(3) By the Vice-President and Comptroller, on buildings and construction, *on items under \$25,000*, such rejections to be reported to the Board of Trustees.

In the preparation of plans and estimates, the Director of the Physical Plant Department is authorized to secure information from vendors concerning materials and equipment and the prices of the same.

No employee of the University, or a concern of which an employee is sole or principal owner, or a corporation of which an employee is an officer, shall be eligible to bid on such construction work.

COMMERCIAL TESTS

Sec. 16. (a) Commercial tests or investigations for individuals, firms, institutions, or corporations may be undertaken by the University of Illinois when in the opinion of the head of the department in which the tests would be conducted and of the dean of the college it is desirable that the work be done. In general, such tests are justified when the results may be of scientific value or when the necessary facilities do not exist elsewhere or are not readily accessible. Such work shall be arranged by the head of the department with the members of his staff in accordance with the nature of their employment, as a part of their service to the University, unless such work is done at times when services are not required by the University. When necessary or desirable, special assistants may be employed to conduct a special test or investigation.

(b) A fee shall be assessed for each such test sufficient to cover all direct and indirect costs of service rendered or assistance obtained and the use of any and all facilities of the University in carrying out the test.

(c) In all cases where commercial testing is permitted to be undertaken by individual members of the faculty of the University on their own time and responsibility, it should be clearly understood by the agency requesting such tests that the tests are not to be considered as cooperative research investigations and that the University, as an institution, assumes no responsibility for the results obtained. Under these conditions, the results of these tests will be the sole property of the sponsor. The name of the University of Illinois shall not be used in publicity concerning the products tested, without its permission.

(d) The head of the department in which the tests are conducted shall keep a record of the terms of the agreement with the sponsor of the tests.

PATENTS ON INVENTIONS

Sec. 17. (a) Any discovery or invention (1) which is the result of research carried on by or under the direction of any employee of the University and having the costs thereof paid from University funds or from funds under the control of or administered by the University, or (2) which is made by any employee of the University as a direct result of his duties with the University, or (3) which has been developed in whole or in part by the utilization of University resources or facilities, belongs to the University and shall be used and controlled in ways to produce the greatest benefit to the University and to the public.

(b) Such discovery or invention must be submitted to the University Patent Committee for study as to disposition and recommendation to the President and Board of Trustees. The University Patent Committee, a subcommittee of the University Research Board, is appointed by the President to examine and study discoveries and inventions made by employees of the University in which the University may have an interest.

(c) The Board of Trustees may direct that such discovery or invention be:

(1) Released outright to the discoverer or inventor.

(2) Retained by the University in its own right or transferred to the University of Illinois Foundation for commercial development.

(3) Released to the individual or agency sponsoring the research under which the invention or discovery was made, if such action is required under the terms of the research contract with such agency or individual, or is required by law, or if the interests of the University and the public so indicate.

The discoverer or inventor may be required to apply for a patent and assign his interest therein. In unusual situations, when in the judgment of the Patent Committee immediate filing of an application for a patent is necessary to protect the interests of the University, the Committee may act to accomplish this prior to the report and recommendation to the Board of Trustees.

(d) In the event that income is received by the University or the University of Illinois Foundation from any patent assigned in accordance with the preceding paragraph, all costs of procuring and administering such patent shall first be paid from such income. A proper share of the remaining net income shall be paid to the inventor or discoverer. This share is to be determined solely by the Board of Trustees, after considering the recommendations of the President and the University Patent Committee.

(e) Contracts or grants from outside sponsors which carry the provision that the sponsoring agency may determine the disposition of patentable discoveries developed thereunder may be accepted by the University, when required by federal statute or the established policies of the sponsoring agency, and when that agency is governmental or non-profit in character, and when the action of the University in waiving its rights to such discoveries is determined to be clearly in the public interest by the committee specified in paragraph (f), Section 14.

Generally, if patentable discoveries result from research sponsored by an agency outside the University, preferential treatment in the use of any resulting patent may be accorded that agency.

(f) The foregoing stated patent policy shall not be construed to include

the ownership of copyrights, or of inventions or discoveries made by employees of the University entirely outside of their duties with the University and without the use of University facilities, resources, or financial support.

PROCEDURE ON PATENT MATTERS

Sec. 18. (a) A disclosure of any invention or discovery made by an employee of the University, or resulting from research carried on under the direction of an employee, in which the University may have an interest shall be submitted promptly by such discoverer to his supervisor or administrative officer. Such officer shall append thereto a statement setting forth his opinion concerning the scientific, technical, and economic merit of such discovery, the likelihood and desirability of obtaining a patent, and an estimate of the commercial possibilities of such a patent, and transmit such disclosure and opinion to the University Patent Committee.

(b) The Patent Committee shall review related data and information and make recommendations concerning financial terms and problems concerned with the development and administration of such inventions and discoveries, and patents secured thereon. The Committee shall make recommendations to the President, with the concurrence of the Chairman of the University Research Board, concerning the disposition and the terms of administration of such inventions and discoveries. If he concurs, the President shall transmit such recommendations to the Board of Trustees for final action.

(c) The determination as to what portion of net income shall be paid to the inventor or discoverer, after the payment of costs of securing a patent and of development and administration, from a patent held by the University or transferred by it to the University of Illinois Foundation shall be studied by the University Patent Committee, which shall make a recommendation to the President. In most cases, the University contribution in use of facilities and resources will be significant and, therefore, the inventor will have little real claim to compensation over his regular University salary. In such cases, the University Patent Committee shall recommend that the proportion of net income assigned to the inventor should fall in the range of 10 to 15 per cent of net income. In unusual cases, in which the University contribution is obviously less, this percentage allocation to the inventor may go to 25 per cent and, in rare cases, the rate may be higher.

(d) No final decision shall be reached as to where title to a patent shall vest, nor shall there be transferred to any individual or agency the rights (including a share in the net income) in an invention or discovery in which the University has an interest, without the approval of the Board of Trustees.

COPYRIGHTS

Sec. 19. (a) The right to copyright a work or to assign this right to a publisher normally belongs to the author of the work. However, when the author is specifically commissioned by the University or one of its departments to prepare a manuscript or report, the manuscript and all rights to it shall belong to the University.

(b) Research and service pamphlets and bulletins may or may not be copyrighted, at the discretion of the department issuing the work.

(c) Books published by the University Press are copyrighted as provided in Section 10.

DELEGATION OF SIGNATURES

Sec. 20. Any administrative officer is authorized to delegate to another responsible staff member his authority to sign official documents under conditions approved by the Vice-President and Comptroller. Such delegation does not relieve the administrative officer of responsibility for what is done thereunder.

III. USE OF UNIVERSITY PROPERTY**USE OF UNIVERSITY PREMISES AND FACILITIES**

Sec. 21. (a) Subject to the approval of the proper University authorities, University premises and facilities may be used for meetings of student, faculty, and staff organizations recognized by the University. In no case may an admission fee be charged for any meeting on University premises except when permission is granted in accordance with University regulations. Such permission shall be given only:

(1) To student organizations when the proceeds for such gatherings go into the treasury of the organization concerned, the funds of which are expended according to University rules under the supervision and with the approval of the appropriate University authorities.

(2) To student organizations when the fee to be charged is for the sole purpose of paying the expenses of said meeting.

(3) To faculty and staff organizations recognized by the University when the fee to be charged is for the purpose of paying the expenses of the meeting.

(b) With approval of the appropriate University authorities, University facilities may be used for meetings of organizations whose activities are of an educational nature or of professional interest to members of the staff or the general student body and for meetings of a non-local character which have public or educational significance. In granting permission for the use of University facilities for such meetings, the following exceptions shall apply:

(1) The use of University facilities shall not be permitted for any purpose which, although in accord with the general purposes of the University, is of such a character or occurs at such a time or in such circumstances that it is likely to interfere with the work, either specific or general, of the University or any department. The use of buildings by local women shall be limited to organizations whose membership is made up of wives of University students, faculty, and staff.

(2) University buildings and grounds shall not be used for political purposes except that candidates for the office of President and/or Vice-President of the United States may appear in person to make political addresses.

(3) Reservations for outside organizations shall not be approved until all major University events have been scheduled.

(4) In no case may an admission fee be charged except upon permission previously obtained and then only to raise funds to offset the expenses of such meeting. When an admission fee is collected for any event on University premises, a rental fee for the use of facilities shall be charged.

(c) The use of University premises shall be subject to all applicable state and federal laws and in accord with the policies of the Board of Trustees. The use of University premises for meetings to be addressed by speakers

(other than students, members of the faculty, and members of the staffs of organizations housed in University buildings) shall be subject to approval by a committee composed of members of the faculty appointed for that purpose by the President of the University and subject to regulations formulated by that committee and approved by the President.

PRIVATE USE OF UNIVERSITY PROPERTY FORBIDDEN

Sec. 22. No one connected with the University in any capacity shall use for any personal purpose any University property of whatever description, and no one shall be permitted to remove from the buildings or grounds any property belonging to the University, even though it may seem to be of no value, unless it be temporarily removed pursuant to some well-established regulation or usage, or with the approval of the President or the Vice-President and Comptroller of the University.

CUSTODIANSHIP OF MOVABLE PROPERTY

Sec. 23. (a) Movable equipment purchased by or assigned to a department shall be the responsibility of the head of the department. An inventory of all such equipment shall be maintained in a manner to be determined by the Vice-President and Comptroller. The heads of departments shall make such reports pertaining to movable equipment as the Vice-President and Comptroller requires, in accordance with the State Property Control Act.

(b) The head of a department shall report to the Vice-President and Comptroller all items of equipment which are of no further use to that department, and the Vice-President and Comptroller shall transfer such equipment for use in another department or, if there is no further use for it in the University, shall dispose of it in accordance with the applicable provisions of the State Property Control Act.

(c) Movable equipment for general use, meaning equipment which is usable by all departments or by various departments or by the University in general, shall be considered to be in the custody of the Director of the Physical Plant Department, who shall report to the Vice-President and Comptroller on such equipment in the same manner as the head of any department of the University.

ASSIGNMENT OF PROPERTY TO DEPARTMENTS

Sec. 24. (a) Land which has been assigned by the Board of Trustees to a college or department for particular use or for a definite period may not be used for any other purpose nor beyond the period designated, without authorization by the Board of Trustees.

(b) The assignment of land, equipment, or any other property to a department or division does not give the department a title to the same, but only the right to use as long as necessary; and the use of land or equipment or other property shall not exclude its use, at the same time, for other purposes by other departments of the University, on approval of the President, provided that any such second use shall not interfere with the efficient utilization of said land, equipment, or other property for the purpose for which it was first assigned.

NAMING OF BUILDINGS, STREETS, AND DRIVES

Sec. 25. (a) Buildings given to the University may be named for their donors.

(b) Buildings should be named in such a way as to denote their general use as a matter of convenience to students as well as to visitors.

(c) Residence halls may be named for donors or for deceased former members of the Board of Trustees or of the University staff who were interested in such buildings or in student life.

(d) Campus drives and thoroughfares may be named for former presidents of the University.

(e) The designation of names shall be exclusively within the authority of the Board of Trustees.

IV. EMPLOYMENT POLICIES

TERMS OF EMPLOYMENT OF ACADEMIC AND ADMINISTRATIVE STAFF

Sec. 26. (a) The terms of employment of the academic and administrative staff, as defined in the *University of Illinois Statutes*, shall be explicitly stated by the nominating officer, indicating that services are required for:

(1) The academic year, which shall consist of two semesters, or three terms at Chicago Professional Colleges.

(2) Twelve months, including allowable vacation.

(3) The summer session.

(4) Other stated periods.

(b) The teaching staff shall generally be appointed with services required during the academic year and shall be free for other employment, either in the University or elsewhere, during the summer months, except that they shall report for any departmental meetings before registration and render all services requested of them in connection with registration and the preparation of materials and reports for the two semesters' work.

(c) The administrative, research, and extension staffs shall generally be appointed with services required for twelve months, including allowable vacation. Vacations are granted after the initial eleven months' service and may be taken during a one-year period extending from three months prior to nine months after the close of the fiscal year of the University. Vacations shall not be cumulative, but may be deferred at the request of the department or of the employee with the concurrence of the department. Such deferred vacation shall be taken within the next succeeding twelve months. Allowable vacation shall consist of one calendar month, unless otherwise specified. Vacations taken during the holiday recesses, other than the actual holidays recognized by the University, shall be considered a part of the annual vacation allowance of one month. Holidays recognized by the University shall be New Year's, Memorial Day, Fourth of July, Labor Day, Thanksgiving, Christmas, and such other days as may be determined by the President of the University.

(d) Minimum salaries shall be determined by the Board of Trustees for the various ranks upon recommendation of the President of the University. The minimum for eleven months' service shall be approximately two-ninths greater than the minimum for the academic year.

(e) For purposes of determining compensation for services for periods less than the full academic year, the academic year shall be considered to include the period September 16 through June 15, with the exception of the University High School in Urbana-Champaign, where the academic year shall include the number of working days established to meet the requirements of

the Superintendent of Public Instruction of the State of Illinois. Appointments requiring services for one semester shall be considered to be for the period September 16 through January 31, or February 1 through June 15. Appointments requiring services for one quarter at the Chicago Professional Colleges shall be considered to include the dates indicated in the Professional Colleges calendar covering the stated quarter. Compensation for less than one semester, quarter, or term shall be computed on the basis of the percentage of the services rendered to the services required in the academic year.

(f) Members of the staff required to render services during the academic year may be employed in the Summer Session, or to perform research or other services during a period not exceeding two months, and receive, for each month of such service, additional compensation at the rate of one-ninth of the full time rate paid for services required during the preceding academic year. Such employment may be for longer periods during the summer only upon the advance approval of the Vice-President and Provost. Staff members required to render services for twelve months, with allowable vacation, shall not receive additional compensation for services rendered during the summer. For staff members rendering services partly on a twelve months' basis and partly on an academic year basis, this regulation applies only to the twelve months' portion.

(g) Full-time employees shall not receive compensation for services in excess of a normal schedule within the University except for a reasonable amount of instruction in the Division of University Extension or grading of special examinations (outside regular course work), all to be done on off-duty hours.

(h) Exceptions may be made to this rule only with advance approval of the President or of the Vice-President and Provost. These exceptions should be held to a minimum.

(i) All staff members rendering services on a twelve months' basis with allowable vacation shall be compensated in twelve equal monthly installments.

(j) Staff members with the rank of instructor or above rendering services during the academic year shall be compensated in twelve monthly installments or on a pro rata basis for shorter periods. Teaching assistants shall be compensated for each academic year of service in ten installments, of which the first and last shall be one-half installments and the other eight shall be full installments equal to one-ninth of the annual rate.

(k) In case of termination of service of members of the academic and administrative staff through death or resignation, the following rules shall govern the determination of salaries:

(1) Services required for twelve months, with allowable vacation:

a) During the first year of service, salary payments shall stop on the date of termination of service.

b) After one full year of service, a pro rata share of earned vacation shall be paid.

(2) Services required for the academic year: Total payments shall equal a percentage of the annual salary determined by the services rendered from September 16 to date of termination, in relation to the period from September 16 to June 15.

(1) Every person employed by the University shall execute and file with the University the following Employee Affidavit:

United States of America }
 State of Illinois } ss

I, _____, do swear (or affirm) that I am not a member of nor affiliated with the communist party and that I am not knowingly a member of nor knowingly affiliated with any organization which advocates the overthrow or destruction of the Constitutional form of the government of the United States or of the State of Illinois, by force, violence or other unlawful means.

(Signed) _____

Subscribed and sworn to (or affirmed) before me, this _____
 day of _____, 19____.

 Notary Public

(m) All employees of the University, unless excepted by the President, are required to take a physical examination, in a form prescribed by the Director of the University Health Services, upon entering the service of the University. Employees securing a rating of "Unemployable" may not be employed, except on approval of the President. As deemed necessary by the Director of the Health Services, new employees are required to be immunized against communicable diseases. Employees of the University whose duties require them to handle food products shall be subject to periodic medical examinations, given under the supervision of the Director of the Health Services, and no individual shall be employed in duties of this nature who shows evidence of any communicable disease.

(n) Failure on the part of an employee to take any required physical examination, after being notified to appear for same, shall serve to make the University employment contract inoperative and salary payments shall cease.

(o) The following schedule covers the amount of work the assistants of different grades of pay give the University and the amount of graduate work to be allowed. In special circumstances, a limited amount of graduate work in excess of the amount shown may be approved by the Dean of the Graduate College.

<i>Title</i>	<i>Service (clock hours per week*)</i>	<i>Graduate work</i>
Assistant (full time)	40	1 unit
Assistant ($\frac{3}{4}$ time)	30	2 units
Assistant ($\frac{1}{2}$ time)	20	3 units
Assistant ($\frac{1}{4}$ time)	10	4 units

* Total time for a teaching assistant includes instruction, laboratory supervision, preparation, grading of papers, and consultation with students.

TERMS OF EMPLOYMENT OF NONACADEMIC EMPLOYEES

Sec. 27. (a) All employment of nonacademic staff members is controlled by the law and the rules governing the University Civil Service System of Illinois. These include provisions for employment on merit through a system of examinations, the establishment of job classifications and the assignment to such classifications of all positions, and the establishment of appropriate

salary ranges for each classification. The employment of all new members of the staff and any changes in status of present members are processed through the Office of Nonacademic Personnel. Promotions either through salary increases or through changes in classification are processed through the same channels. All pay rates are subject to approval of that office. Transfers between departments should not be proposed or agreed to until they have been approved by the Personnel Office.

(b) Detailed rules and regulations are published separately in the *Policy and Rules Relating to Compensation and Working Conditions*, authorized and approved by the Board of Trustees.

WAGES OF STUDENT ASSISTANTS

Sec. 28. All student employees are to be paid on the basis of a classification and scale of wages of student assistants approved by the President of the University. For current schedule of wages see *The Business Policy and Procedure Manual*.

RETIREMENT, DEATH, SURVIVOR, AND DISABILITY BENEFITS

Sec. 29. (a) *General*. University policy provides for the payment of salary in case of illness or other disability for specified periods as described below. In addition to the benefits provided by the University, a system of retirement, death, survivor, and disability benefits was established by a special act of the General Assembly, approved July 21, 1941, and subsequently amended, known as the University Retirement System of Illinois, a state agency separate and distinct from the University of Illinois.

In accordance with policies adopted by the Board of Trustees on December 13, 1925, and as subsequently amended, a program of retiring allowances and death benefits is provided for the faculty, administrative, and mechanical staff retiring between September 1, 1925, and September 1, 1941, the date the University Retirement System became effective.

(b) *Participation in University Retirement System*. A deduction is made from the salaries or wages of all employees who are participants in the retirement system, as defined by law.

(c) *Disability Benefits*. The University of Illinois provides disability benefits as follows:

(1) *Nonacademic Employees*. For disability from any cause, each employee shall accumulate without limit disability leave with full pay at the rate of one working day for each month of service.

(2) *Academic or Administrative Staff*. Noncumulative leave is granted with full pay for disability in each year of service, including the first, of fifteen calendar days. In addition, a staff member is eligible for extended disability leave of ten calendar days with full pay for each year of service, the unused portion of which is cumulative in any year to a maximum of sixty days.

Subject to the approval of the President, a member who has completed at least three full years of service may be granted a disability leave with full pay for a period (including the annual and extended leaves described above) not to exceed one-half of his appointment year.

No deduction of time from the annual leave or the extended leave is made if the member is ill or disabled at a time when he is not expected to furnish regular service to the University.

After the disability benefits described above have been exhausted, a member may be granted a disability leave without pay from the University. If such a member is a participant in the University Retirement System of Illinois, he may apply for the benefits to which he is entitled under that system.

(d) *Death, Disability, and Survivor Benefits.* For employees of the University, other than students paid on an hourly basis and personnel whose principal employment is outside the University, with at least six months' service, who are not participants in the University Retirement System or any other publicly supported retirement system which pays a death benefit, a death benefit of \$500 is payable by the University. For employees who are participants in the University Retirement System, death, disability, and survivor benefits are provided by that system.

REGISTRATION OF STAFF MEMBERS IN UNIVERSITY CLASSES

Sec. 30. (a) Persons on the academic, administrative, or permanent non-academic staff of the University, or on the staffs of the allied surveys and laboratories located on the Urbana-Champaign campus, may register in University courses for which they are eligible for admission, without payment of the tuition fee and the laboratory, library, and supply fee, provided that their annual salary for nine months is less than the minimum salary for such period established for full-time assistants.

(b) For persons on other than a nine months' appointment, the exemption limit shall be adjusted proportionately, and if for periods of less than nine months, the exemption shall apply if compensation is less than the rate paid to full-time assistants at the minimum salary.

(c) Permanent nonacademic employees without regard to salary may also register without payment of any fees or deposits in:

(1) Any regular University courses in which the employee is requested by his department, with the concurrence of the Director of Nonacademic Personnel, to enroll for the improvement of the employee's present work.

(2) Any special course looking toward improving University service organized at the request of the Director of Nonacademic Personnel in cooperation with the teaching staff, the employee, and his department.

(d) The exemption from fees, as provided above, shall apply to graduate scholars and fellows whose stipends are paid from general appropriations of the University, but not to fellows whose stipends are paid from grants or contract funds received by the University from outside sponsors of graduate study and research.

(e) Persons on appointment for a first and second semester or a second semester who are exempt from payment of fees for courses in which they are registered during the period of their appointment are exempt also from a payment of fees for courses in which they enroll in the Summer Session immediately following termination of their appointments, regardless of whether or not they are teaching in that Summer Session.

V. GENERAL PROVISIONS

ADMINISTRATIVE COMMITTEES

Sec. 31. The President of the University is authorized to appoint such administrative and other committees or boards as are necessary to assist him

in discharging his duties as the official adviser to and executive agent of the Board of Trustees.

ADVISORY COMMITTEES

Sec. 32. The President of the University may recommend to the Board of Trustees the appointment of consultative committees to advise the colleges and schools and other divisions of the University.

AUTOMOBILE PARKING AND TRAFFIC

Sec. 33. The President of the University is given authority to make such traffic and parking regulations and such changes therein as conditions from time to time may warrant.

REIMBURSEMENT FOR TRAVEL

Sec. 34. The University shall reimburse for actual and necessary expense of travel on University business for which proper approval has been obtained.

The regulations concerning travel, including convention travel, are published in *The Business Policy and Procedure Manual*.