

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

December 17, 1958



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, Chicago, Illinois, on Wednesday, December 17, 1958, beginning at 11:30 a.m.

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

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant Department, Mr. Ralph F. Lesemann, Legal Counsel, Mr. Vernon L. Kretschmer, Director of Housing, Mr. C. E. Flynn, Director of Public Information, and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

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. WILLIAM H. COWLEY, George A. Miller Visiting Professor of Education, four and one-half months from February 1, 1959, at a salary of \$5,500 (G).
2. JEFFREY C. P. MILLER, Visiting Professor, Digital Computer Laboratory, Graduate College, four and one-half months from September 16, 1959, at a salary of \$5,500 (G).
3. KAZUHIKO NISHIJIMA, Professor of Physics, one year from September 1, 1959, at a salary of \$12,500 (D).
4. FRANK H. T. RHODES, Visiting Professor of Geology, first semester of 1959-60, at a salary of \$6,000 (G).
5. FRANK R. SHROFF, Visiting Associate Professor of Oral Pathology, College of Dentistry, eleven months from February 1, 1959, at a salary of \$7,700 for the period (G).

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

**HEADSHIP OF DEPARTMENT OF CHEMISTRY
IN COLLEGE OF PHARMACY**

(2) The Dean of the College of Pharmacy and the Vice-President in charge of the Chicago Professional Colleges recommend the appointment of Dr. James E. Gearien, presently Associate Professor of Chemistry, as Professor of Chemistry on indefinite tenure and Head of the Department of Chemistry in the College of Pharmacy beginning January 1, 1959, at a salary of \$12,000 a year on "Y" basis.

The Board of Trustees has authorized the reorganization of the College of Pharmacy, previously not departmentalized, into four departments: Pharmacy, Chemistry, Pharmacognosy and Pharmacology, and Pharmaceutical Administration. The appointment of Dr. Gearien will fill the vacancy in the new Department of Chemistry.

This appointment was recommended by a search committee, members of the Department of professorial rank have been consulted, and the Vice-President and Provost and the Dean of the Graduate College concur.

I recommend approval.

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

RESOLUTION AUTHORIZING HOUSING REVENUE BONDS

Mr. Herrick presented the following resolution:

A RESOLUTION authorizing and providing for the issuance of revenue bonds for the purpose of paying the cost of acquiring, constructing, equipping, enlarging, or improving student residence halls, apartments, staff housing facilities, dormitories and related facilities by the Board of Trustees of the University of Illinois, setting forth the terms under which such revenue bonds are to be issued, providing for the rights of the holders thereof, and providing for the acquisition, construction and equipment of such facilities, and the management, maintenance, improvement, and operation thereof.

WHEREAS, The Board of Trustees of the University of Illinois on due consideration and investigation does now find and determine that it is advisable and necessary and in the interests of the University of Illinois and the welfare of its students and faculty to construct and equip additional buildings and related facilities and to enlarge or improve existing facilities from time to time for the purpose of housing students and staff; and

WHEREAS, In order to provide such facilities it is advantageous to the University and necessary that the University borrow money and issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1957, and all laws amendatory thereof and supplemental thereto; and

WHEREAS, For the purpose of issuing and selling said revenue bonds on the most advantageous basis, it is necessary that the same be secured by a pledge of the revenues of any and all such facilities of the University of Illinois, as hereinafter defined;

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

ARTICLE ONE

DEFINITIONS

Unless the context otherwise requires, the terms defined in this Article One shall for all purposes of this Resolution and of any resolution supplemental hereto, have the meanings herein specified, the following definitions to be equally applicable both to the singular and plural forms of any of the terms herein defined:

The term "*Authorized Officer*" shall mean the President, any Vice-President, the Secretary, any Assistant Secretary, the Treasurer or the Comptroller of the Board of Trustees, or any other person authorized by resolution of the Board of Trustees, to perform the act or sign the document in question.

The term "*Board of Trustees*" and the term "*University*" shall mean The Board of Trustees of the University of Illinois, a body corporate, created and established under the laws of the State of Illinois.

The term "*Bond Counsel*" shall mean counsel chosen by the University and satisfactory to the Trustee who is an attorney or firm of attorneys whose opinions as to the legality of municipal bonds or public securities issued by the State of Illinois, or agencies, institutions or political subdivisions thereof, are generally acceptable to purchasers of such securities.

The term "*Bonds*" shall mean and include any and all bonds of all series, issued under this Resolution.

The term "*certified copy of a resolution*" shall mean a copy of a resolution certified by the Secretary of the Board of Trustees to have been, by the requisite majority of the Board of Trustees, duly passed and adopted at a meeting thereof duly called and convened.

The term "*Comptroller*" shall mean the Comptroller of the University or such other person as may at the time be the acting chief fiscal officer of the University.

The term "*facilities*" shall mean all facilities financed pursuant to this Resolution, the cost of which is paid in whole or in part through the issuance of Bonds and the existing facilities mentioned in Section 5.01 from and after the date of payment in full of the currently outstanding obligations originally issued to finance the cost of construction thereof.

The term "*fiscal year*" shall mean the twelve month accounting period established by the University for its academic operations, which currently is the period from July 1 through the following June 30.

The term "*Net Income Available for Debt Service*" shall mean at any date as of which the amount thereof is to be determined the sum of

(a) The average net income for the two preceding fiscal years of all revenue producing facilities pledged for the payment of Bonds and used and occupied during all of said preceding two fiscal years; plus

(b) The net income during the preceding fiscal year of all revenue producing facilities pledged for the payment of Bonds and used and occupied during all of said preceding fiscal year but not during all of the two preceding fiscal years; plus

(c) The estimated annual net income of all revenue producing facilities for the account of which Bonds have been authenticated and delivered but which are under construction or for which a full fiscal year's operating experience is not available; plus

(d) The estimated annual net income of revenue producing facilities not then completed, the cost of which is to be financed through the proceeds of the sale of additional Bonds at the time proposed to be issued; plus

(e) The maximum dollar amount of student tuitions pledged or to be pledged to supplement the revenues of the facilities for the payment of all Bonds then outstanding and then to be issued; plus

(f) The income during the preceding fiscal year from investments of funds in the Bond and Interest Sinking Fund.

With respect to housing facilities, the computation of estimates provided for in this definition shall be based on an assumed occupancy of not more than 95% of the housing facilities in question. All computations of Net Income Available for Debt Service shall be made by the Comptroller of the University, who shall certify thereto, and whose certificate shall be accompanied by a certificate signed by an independent public accountant or firm of independent public accountants (which accountant's certificate may state that it is made in reliance on information supplied by the University and that they have made no independent examination of the books and records of the University in connection therewith) stating that they know of no reason why such computation is incorrect. Net income for the purposes of this definition shall be determined by deducting from the gross revenues or estimated gross revenues for the period in question, all operating expenses or estimated operating expenses for such period.

The term "*operating expenses*" shall mean and include all reasonable expenses of operation and maintenance of the facilities, including without limiting the generality of the foregoing, salaries, wages, cost of materials, supplies, insurance, light, heat, power and reasonable repairs necessary to properly maintain such facilities (including reasonable reserves therefor), taxes (if any), fees and expenses of the Trustee and paying agents and any expenses required to be paid pursuant to this Resolution but excluding depreciation, capital replacements and improvements and all general administrative expenses of the University.

The term "*owner*" or "*holder*" whenever employed herein with respect to a Bond which shall be registered as to principal or fully registered without coupons shall mean the person, firm or agency in whose name such Bond shall be registered and, whenever employed herein with respect to a coupon Bond which shall not be registered as to principal or a coupon, shall mean the bearer of such Bond or coupon.

The term "*Resolution*" shall mean this Resolution as originally adopted or as it may from time to time be supplemented, modified or amended by any resolution supplemental hereto, pursuant to the provisions hereof.

The term "*student tuitions*" shall mean only the general student tuition charges of the University and shall not include special student fees, service charges or funds derived from any other sources.

The term "*Trustee*" shall mean The First National Bank of Chicago or its successor for the time being as Trustee hereunder.

The term "*University Counsel*" shall mean the attorney or firm of attorneys from time to time designated by the Board of Trustees.

ARTICLE TWO

AUTHORIZATION, DESIGNATION, FORM, EXECUTION, AUTHENTICATION, EXCHANGE, AND REGISTRATION OF BONDS

SECTION 2.01. *Limitation of Issue and Equality of Bonds.* This resolution shall constitute a continuing agreement to secure the full and final payment in the manner herein provided for the principal and interest on all Bonds which may from time to time be authenticated, delivered and issued hereunder. The aggregate principal amount of Bonds which may be so authenticated, delivered and issued hereunder is not limited except as restricted by law or by the provisions hereof. All Bonds at any time issued and outstanding hereunder, regardless of series, shall be equally and ratably secured hereby without preference, priority or distinction.

SECTION 2.02. *Initial Project and Purpose of Initial Issue of Bonds.* The initial project (hereinafter designated "Project A") to be acquired, constructed, equipped, and completed hereunder is described in a general way as:

1. One story Central Food Stores Building (for the purpose of servicing all University residence halls) to be located south of Stadium Drive and east of the Illinois Central Railroad in Champaign, Illinois;
2. One story Snack Bar and Service Building (containing facilities for mail distribution and personal services for all University men's residence halls in the immediate area) to be located at Euclid and Gregory Drive in Champaign, Illinois; and
3. Apartments for 120 married students, to be located east of Orchard Street and south of Florida Avenue in Urbana, Illinois.

The estimated cost of said Project A is \$3,150,000 exclusive of land and exclusive of any pro rata part of the University power and heating plant serving the project and the estimated cost of each portion of said Project A is more fully set forth in the plans and specifications therefor on file with the Comptroller of the University.

It is hereby determined that in order to produce the funds necessary to construct and equip Project A, that the University borrow the sum of Three Million One Hundred Fifty Thousand Dollars (\$3,150,000), and in evidence thereof to issue its Housing Revenue Bonds hereunder in said principal amount.

SECTION 2.03. *Terms of Series A Bonds and Series B Bonds.* The Bonds to be initially issued hereunder shall be substantially in the form and of the tenor and purport hereinafter set forth and shall be limited to the aggregate principal amount of Three Million One Hundred Fifty Thousand Dollars (\$3,150,000) at any one time outstanding, One Million Six Hundred Twenty-Five Thousand Dollars (\$1,625,000) of which shall be designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A" (hereinafter called "Series A Bonds"), and the remaining One Million Five Hundred Twenty-Five Thousand Dollars (\$1,525,000) principal amount thereof shall be designated "The Board of Trustees of The University of Illinois Housing Revenue Bonds of 1958, Series B" (hereinafter called "Series B Bonds").

The Series A Bonds and the Series B Bonds shall be issued as negotiable coupon bonds dated October 1, 1958, registrable as to principal in the denomination of \$1,000 or as fully registered Bonds without coupons, dated as of the interest payment date to which interest was last paid, next preceding the date of issue, unless issued on an interest payment date on which interest was paid, in which case they shall be dated as of the date of issue, or unless issued prior to April 1, 1959, in which case they shall be dated October 1, 1958. Each fully registered Bond without coupons shall be of a single maturity. Fully registered Bonds without coupons, shall be numbered in such manner satisfactory to the Trustee as may be designated by the Comptroller and shall be issued in denominations of \$1,000 or multiples thereof, shall bear interest from October 1, 1958, payable semi-annually on the first days of April and October in each year until paid, commencing April 1, 1959, at the rates provided below and shall mature in the following amounts on October 1 of the following years:

Year of Maturity	Series A Bonds			Series B Bonds		
	Amount	Interest	Rate	Amount	Interest	Rate
1960.....	\$ 15,000	10	%	\$ 15,000	3%	
1961.....	20,000	10	%	15,000	3%	
1962.....	20,000	10	%	15,000	3%	
1963.....	20,000	10	%	20,000	3%	
1964.....	25,000	10	%	20,000	3%	
1965.....	25,000	10	%	20,000	3%	
1966.....	25,000	10	%	25,000	3%	
1967.....	30,000	5	%	25,000	3%	
1968.....	35,000	3.5	%	30,000	3%	
1969.....	35,000	3.5	%	30,000	3%	
1970.....	35,000	3.5	%	35,000	3%	
1971.....	40,000	3.5	%	35,000	3%	
1972.....	40,000	3.7	%	35,000	3%	
1973.....	40,000	3.7	%	40,000	3%	
1974.....	40,000	3.7	%	40,000	3%	
1975.....	45,000	3.7	%	40,000	3%	
1976.....	45,000	3.8	%	40,000	3%	
1977.....	45,000	3.8	%	45,000	3%	
1978.....	50,000	3.8	%	45,000	3%	
1979.....	50,000	3.8	%	45,000	3%	
1980.....	50,000	3.9	%	50,000	3%	
1981.....	55,000	3.9	%	50,000	3%	
1982.....	55,000	3.9	%	55,000	3%	
1983.....	60,000	3.9	%	55,000	3%	
1984.....	60,000	4	%	60,000	3%	
1985.....	65,000	4	%	60,000	3%	
1986.....	65,000	4	%	65,000	3%	

<i>Year of Maturity</i>	<i>Series A Bonds</i>		<i>Series B Bonds</i>	
	<i>Amount</i>	<i>Interest Rate</i>	<i>Amount</i>	<i>Interest Rate</i>
1987.....	\$ 70,000	4 %	\$ 65,000	3%
1988.....	70,000	4.1%	70,000	3%
1989.....	75,000	4.1%	70,000	3%
1990.....	75,000	4.1%	75,000	3%
1991.....	80,000	4.1%	75,000	3%
1992.....	80,000	4.1%	80,000	3%
1993.....	85,000	1 %	80,000	3%
	<u>\$1,625,000</u>		<u>\$1,525,000</u>	

The Series A Bonds and the Series B Bonds shall be redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on October 1, 1968, or on any interest payment date thereafter in the inverse order in which they mature at the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

<i>Period of Redemption</i>	<i>Applicable Premium</i>	
	<i>Series A Bonds</i>	<i>Series B Bonds</i>
October 1, 1968 through April 1, 1973.....	3 %	3 %
October 1, 1973 through April 1, 1978.....	2½ %	2½ %
October 1, 1978 through April 1, 1983.....	2 %	2 %
October 1, 1983 through April 1, 1988.....	1½ %	1½ %
October 1, 1988 or thereafter and prior to maturity...	1 %	1 %

all redemptions shall be made in the manner, upon the notice and with the effect provided in Article Three hereof.

SECTION 2.04. *Payment of Principal and Interest.* Both the principal of and the interest on the Series A and Series B Bonds shall be payable in any coin or currency which on the respective date of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago, or its successor, in the City of Chicago, Illinois, or, at the option of holders at The Chase Manhattan Bank, or its successor, in the Borough of Manhattan and City and State of New York.

SECTION 2.05. *Form of Bonds.* The definitive coupon Bonds of Series A and Series B, the interest coupons to be attached thereto, the form of fully registered Bonds without coupons of Series A and Series B, the form of registration endorsement to appear on all coupon Bonds, the certificate of authentication of the Trustee to appear on all Bonds and the form of assignment to appear on the fully registered Bonds shall be in substantially the following forms with appropriate insertions, omissions and variations to evidence differences in series, number, interest rate, maturity and like matters:

(Form of Coupon Bond)
UNITED STATES OF AMERICA
STATE OF ILLINOIS
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
HOUSING REVENUE BOND OF 1958
(Series.....)

Number..... \$1,000

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay to bearer, but only out of the Housing Revenue Bond Fund, as hereinafter provided for, and not otherwise, the principal sum of ONE THOUSAND DOLLARS (\$1,000), on October 1, 19....., and to pay interest on said sum from the date hereof until paid at the rate of per cent (.....%) per annum, payable April 1, 1959, and semi-annually thereafter on the first days of April and October in each year until the principal amount hereof has been fully paid. Interest accruing on this bond on and prior

to the maturity date hereof shall be payable on presentation and surrender of the interest coupons hereto attached as they subsequently become due, but no interest shall accrue on this bond after the maturity hereof unless this bond shall be presented for payment and be not then paid.

Both principal hereof and interest hereon are hereby made payable in any coin or currency which, on the respective dates of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago (hereinafter called "Trustee"), or its successor in trust under the Resolution hereinafter referred to, in the City of Chicago, Illinois, or at the option of the holder, at The Chase Manhattan Bank, in the Borough of Manhattan and City and State of New York.

This bond is one of an authorized issue of Dollars (\$.....) principal amount of Housing Revenue Bonds of 1958, Series, which, with the Series Bonds constitute an initial issue of Three Million One Hundred Fifty Thousand Dollars (\$3,150,000), issued and to be issued pursuant to a Bond Resolution (herein called "Resolution") of The Board of Trustees of the University of Illinois duly adopted, 1958, for the purpose of providing funds for paying the cost of constructing and equipping student and staff housing and related facilities. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto in the manner and upon the terms and conditions more fully set forth therein.

The bonds of this series are redeemable prior to maturity, as a whole or in part on October 1, 1968, or on any interest payment date thereafter in the inverse order in which they mature, at the option of The Board of Trustees of the University of Illinois at par and accrued interest to the date of redemption, and a premium as follows: Three per cent (3%) of the principal amount thereof if redeemed October 1, 1968, through April 1, 1973; Two and one-half per cent (2½%) of the principal amount thereof if redeemed October 1, 1973, through April 1, 1978; Two per cent (2%) of the principal amount thereof if redeemed October 1, 1978, through April 1, 1983; One and one-half per cent (1½%) of the principal amount thereof if redeemed on October 1, 1983, through April 1, 1988; and One per cent (1%) of the principal amount thereof if redeemed on October 1, 1988 or thereafter and prior to maturity.

Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper published and of general circulation in the City of Chicago and also in a financial newspaper published and of general circulation in the Borough of Manhattan, City and State of New York, and when this bond or any of the bonds of such authorized issue shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption monies are available for the payment of all bonds called for redemption.

This bond and the series of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1957, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Housing Revenue Bond Fund as provided in the Resolution; which revenues are to be derived from (1) the operation of the revenue producing facilities constructed, completed, and equipped with the proceeds of this bond issue and additional bonds which may hereafter be issued pursuant to the Resolution, (2) student tuitions authorized by law to be retained in the University treasury, but not in excess of \$115,000 annually plus such additional sums as may be specified in any supplemental resolution creating or authorizing additional bonds to be issued pursuant to the Resolution as so supplemented, and (3) certain existing revenue producing buildings of the University after the prior payment of other indebtedness to the extent set forth in the Resolution. This bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, of said Board

of Trustees, or the State of Illinois is pledged to the payment of this bond or the interest thereon.

This bond shall pass by delivery unless it is registered as to principal in the name of the holder on the books of registration of said University kept at the office of the Trustee in Chicago, Illinois, such registration to be noted on the back hereof. After such registration no transfer hereof shall be valid unless made on such books by the registered holder in person or by attorney duly authorized in writing and similarly noted hereon, but this bond may be transferred in like manner to bearer, and thereupon transferability by delivery shall be restored and it may again from time to time be registered or transferred to bearer as before. Such registration, however, shall not restrict the negotiability of the coupons hereto appertaining, but such coupons shall be transferable by delivery merely and payable to the bearer hereof.

Subject to the provisions for registration and transfer, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and during such time as this bond is payable to bearer, the same and each of the coupons hereto appertaining may be negotiated by delivery by any person having possession thereof, and any holder who shall have taken this bond while so payable to bearer or any of said coupons from any person for value and without notice shall thereby acquire absolute title to this bond or to such coupons, as the case may be, free of any defenses enforceable against any prior holder and free from all equities and claims of ownership of any such prior holder, and The Board of Trustees of the University of Illinois, the Trustee, and any paying agent may deem and treat the bearer of this bond, or, if registered, the person in whose name it is registered, and the bearer of any interest coupons appertaining hereto as the absolute owner hereof for all purposes and shall not be affected by any notice to the contrary whether this bond or any coupon appertaining thereto be overdue or not.

The bonds of this series are issuable as coupon bonds registrable as to principal only in the denomination of \$1,000 and as registered bonds without coupons in the denomination of \$1,000 or a multiple thereof. Each fully registered bond without coupons shall be of a single maturity. The coupon bonds and the registered bonds without coupons are interchangeable for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the principal office of the Trustee in the City of Chicago, Illinois, and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent (66⅔%) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums at the time and place and at the rate and in the currency provided therein of any bond without the express consent of the holder or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons or (iv) reduce the percentage in principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time parietal rules, rents, and charges for the use of said facilities and to maintain

and collect rents and charges and to withhold student tuitions, sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinabove set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signature of its President and signed by two of its members, the corporate seal of the University of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and has caused the interest coupons hereto attached to be executed by the facsimile signatures of said President and Secretary, and this bond to be dated as of the 1st day of October, 1958.

THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

Attest: _____ By: _____
Secretary President

Member Member

(Form of Interest Coupon)

Number _____ \$ _____

On the first day of _____, 19____ (unless the bond to which this coupon is attached has theretofore been called for payment and payment made or provided for), The Board of Trustees of the University of Illinois will pay to bearer on surrender hereof, solely out of the fund specified in the bond to which this coupon is attached, the sum of _____ Dollars (\$ _____) in any coin or currency which, on the respective dates of payment of such principal and interest is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago, in the City of Chicago, Illinois, or at the option of the holder, at The Chase Manhattan Bank, in the Borough of Manhattan and City and State of New York, as provided in the Housing Revenue Bond of 1958, Series _____, dated _____, 1958, Number _____

Secretary President

(Form for Registration of Coupon Bond)

Date of Registration	Name of Registered Owner	Signature of Registrar
_____	_____	_____
_____	_____	_____
_____	_____	_____

(Form of Registered Bond Without Coupons)
 UNITED STATES OF AMERICA
 STATE OF ILLINOIS
 THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
 HOUSING REVENUE BOND OF 1958
 (Series)

No. \$

The Board of Trustees of the University of Illinois, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay (but only out of the Housing Revenue Bond Fund as hereinafter provided for, and not otherwise) to, or registered assigns, on October 1, 19....., the principal sum of Dollars (\$.....) and to pay interest thereon which shall be paid by check or draft mailed to the registered owner at his address as it appears on the bond registration books of the Trustee hereinafter mentioned as Bond Registrar, at the rate of per cent (.....%) per annum, payable April 1, 1959, and semi-annually thereafter on the first days of April and October in each year from the date hereof until the principal amount hereof has been fully paid.

Both principal hereof and interest hereon are made payable in any coin or currency which on the respective dates of payment of such principal and interest is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago (hereinafter called "Trustee"), or its successor in trust under the Resolution hereinafter referred to, in the City of Chicago, Illinois, or at the option of the holder at The Chase Manhattan Bank in the Borough of Manhattan and City and State of New York.

This bond is one of an authorized issue of Dollars (\$.....) principal amount of Housing Revenue Bonds of 1958, Series....., which with the Series Bonds constitute an initial issue of Three Million One Hundred Fifty Thousand Dollars (\$3,150,000), issued and to be issued pursuant to a Bond Resolution (herein called "Resolution") of The Board of Trustees of the University of Illinois duly adopted 1958, for the purpose of providing funds for paying the cost of constructing and equipping student and staff housing and related facilities. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto in the manner and upon the terms and conditions more fully set forth therein.

The bonds of this series are redeemable prior to maturity as a whole or in part on October 1, 1968, or on any interest payment date thereafter in the inverse order in which they mature at the option of The Board of Trustees of the University of Illinois at par and accrued interest to the date of redemption and a premium as follows: Three per cent (3%) of the principal amount thereof if redeemed October 1, 1968, through April 1, 1973; Two and one-half per cent (2½%) of the principal amount thereof if redeemed October 1, 1973, through April 1, 1978; Two per cent (2%) of the principal amount thereof if redeemed October 1, 1978, through April 1, 1983; One and one-half per cent (1½%) of the principal amount thereof if redeemed on October 1, 1983, through April 1, 1988; and One per cent (1%) of the principal amount thereof if redeemed on October 1, 1988 or thereafter and prior to maturity.

Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper published and of general circulation in the City of Chicago, Illinois, and also in a financial newspaper of general circulation published in the English language in the Borough of Manhattan, City and State of New York, and when this bond or any of the bonds of such authorized issue shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption monies are available for payment of all bonds called for redemption.

This bond and the series of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1957, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Housing Revenue Bond Fund as provided in the

Resolution, which revenues are to be derived from (1) the operation of the revenue producing facilities constructed, completed, and equipped with the proceeds of this bond issue and additional bonds which may hereafter be issued pursuant to the Resolution, (2) student tuitions authorized by law to be retained in the University treasury, but not in excess of \$115,000 annually plus such additional sums as may be specified in any supplemental resolution creating or authorizing additional bonds to be issued pursuant to the Resolution as so supplemented, and (3) certain existing revenue producing buildings of the University after the prior payment of other indebtedness to the extent set forth in the Resolution. This bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, of said Board of Trustees, or of the State of Illinois is pledged to the payment of this bond or the interest thereon.

Subject to the provisions for registration and transfer contained herein and in the Resolution, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and shall be transferable by the registered owner at the principal office of the Trustee in the City of Chicago, Illinois, upon surrender and cancellation of this bond and thereupon a new registered bond without coupons of the same principal amount, interest rate and maturity will be issued to the transferee as provided in the Resolution, upon payment of the transfer charges therein prescribed. The Board of Trustees of the University of Illinois, the Trustee and any other person may treat the person in whose name this bond is registered as the absolute owner hereof for the purpose of receiving payment and for all other purposes and shall not be affected by any notice to the contrary whether this bond be overdue or not.

The bonds of this series are issuable as coupon bonds registrable as to principal only in the denomination of \$1,000 and as registered bonds without coupons in the denomination of \$1,000 or a multiple thereof. Each fully registered bond without coupons shall be of a single maturity. The coupon bonds and the registered bonds without coupons are interchangeable for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the principal office of the Trustee in the City of Chicago, Illinois, and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent (66⅔%) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums at the time and place and at the rate and in the currency provided therein of any bond without the express consent of the holder or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons or (iv) reduce the percentage of principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time parietal rules, rents, and charges for the use of said facilities and to maintain and collect rents and charges and to withhold student tuitions, sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such

revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinabove set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signature of its President and signed by two of its members, the corporate seal of the University of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and this bond to be dated as of the 1st day of _____, 19_____.

THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

Attest: _____	By: _____
<i>Secretary</i>	<i>President</i>
_____	_____
<i>Member</i>	<i>Member</i>

(Certificate of Authentication)

This is one of the bonds of the Series designated therein and described in the within mentioned Resolution of the Board of Trustees of the University of Illinois.

THE FIRST NATIONAL BANK OF CHICAGO,
TRUSTEE

By: _____
Authorized Officer

(Form of Assignment of Registered Bonds Without Coupons)

For Value Received _____
hereby sell, assign and transfer unto _____

_____ the within mentioned bond and hereby irrevocably constitute and appoint _____, attorney to transfer the same on the books of Registration in the office of the Trustee, as Bond Registrar, in the City of Chicago, Illinois, with full power of substitution in the premises.

Dated: _____

Witness: _____

NOTE: The signature to this Assignment must correspond with the name as written on the face of the within bond in every particular, without alteration or enlargement or any change whatsoever except where the registered owner is a governmental agency in which case it may be executed in the name of any successor.

SECTION 2.06. *Bonds of Additional Series.* Subject to the conditions and limitations set forth in Article Four hereof and provided that the University shall not at the time be in default under any of the terms, covenants or provisions of this Resolution, additional Bonds of equal rank with the Series A Bonds and Series B Bonds may be issued from time to time under this Resolution having such maturities, providing for the payment of such rates of interest and having

such other characteristics as shall be determined by the Board of Trustees and set forth in a resolution to be supplemental hereto; provided, however, that each issue of additional Bonds, when so issued, shall be differentiated from all previous issues by appropriate designation inscribed thereon. In authenticating any such additional Bonds permitted to be issued hereunder the Trustee shall be protected in relying on a certificate of the Comptroller or Treasurer of the Board of Trustees to the effect that the University is not in default under any of the terms, covenants or conditions of this Resolution as then amended and supplemented, that all conditions precedent to the issuance of additional Bonds have been complied with and the University is entitled to issue such additional Bonds hereunder.

SECTION 2.07. Execution and Authentication of Bonds. All of the Bonds shall be signed by the President and any two members of the Board of Trustees and shall have the seal of the University affixed thereto (or a facsimile seal or signatures as permitted by law may be imprinted, engraved or otherwise be produced thereon) and shall be attested by the Secretary of the Board of Trustees, the coupons to be attached to the Bonds shall bear the facsimile signatures of the President and Secretary of the Board of Trustees.

Only such Bonds as shall bear thereon a certificate of authentication substantially in the form hereinabove recited, executed by the Trustee shall be entitled to any right or benefit under this Resolution. Such authentication by the Trustee upon any such Bond shall be conclusive evidence and the only evidence that the Bond so authenticated has been duly issued hereunder and such authentication shall be deemed to have been duly executed if signed by an authorized officer of the Trustee but it shall not be necessary that the same officer sign the certificate of authentication on all of the Bonds that may be issued hereunder at any one time.

In case any person who shall have signed, sealed or attested any Bond issuable under this Resolution as an officer or member of the Board of Trustees, shall have ceased to be such officer or member before the Bond so signed, sealed or attested shall have been actually authenticated and delivered by the Trustee, such Bond nevertheless may be authenticated, delivered and issued as though the person who signed, sealed or attested such Bond had not ceased to be such officer or member of the Board of Trustees.

Any Bond issuable hereunder may be signed, sealed or attested on behalf of the Board of Trustees by any person who at the actual date of execution or authentication of such Bond is the proper person, although at the date of such Bond such person shall not have been an officer or member of the Board of Trustees. Before authenticating any coupon Bonds the Trustee shall cut off, cancel and cremate all matured coupons thereon unless issued in exchange for a registered Bond without coupons, in which case only such coupons as shall have matured on or prior to the last interest payment date on which interest shall have been paid on such registered Bond, shall be so cut off, cancelled and cremated. The Trustee shall deliver to the University a certificate of cremation thereof.

SECTION 2.08. Registration and Transfer of Bonds. The University shall keep at the principal office of the Trustee books for the registration and transfer of Bonds issued hereunder, which, at all reasonable times, shall be open for inspection by the holder of any Bond issued hereunder, and upon presentation for the purpose at such office, the University will register or transfer or cause to be registered or transferred therein, as hereinafter provided, and under such reasonable regulations as it may prescribe, any Bonds issued under this Resolution and entitled to be so registered or transferred. The Trustee shall act as registrar in effecting all registrations on the books kept at its office.

The holder of any coupon Bond issued hereunder may have the ownership of the principal thereof registered on said books of the University at the office of the Trustee and such registration shall be noted on the Bond. After such registration no transfer shall be valid unless made on the said books by the registered owner in person, or by his duly authorized attorney, and similarly noted on the Bond; but the same may be discharged from registration by being in like manner transferred to bearer, and thereupon transferability by delivery shall be restored; and such Bond may again, from time to time, be registered or transferred to bearer as before. Such registration, however, shall not affect the transferability of the coupons, but every such coupon shall continue to be transferable by delivery merely, and shall remain payable to bearer. Such registrations and discharges from registration shall be without expense to the holder of the Bonds.

Any registered Bond without coupons may be transferred at the office of the Trustee by surrender of such Bond for cancellation, accompanied by delivery of a written instrument of transfer in form approved by the Trustee, duly executed by the registered owner of such Bond or his duly authorized attorney, and thereupon the University shall issue in the name of the transferee or transferees a new registered Bond or Bonds of like form and maturity and for a like aggregate principal sum, and the Trustee shall authenticate and deliver the same.

A registered Bond without coupons, upon request of the registered owner, may be exchanged at the office of the Trustee for several such Bonds, of like form and maturity but of lesser authorized denominations, in the same name and for a like aggregate principal sum, and several registered Bonds without coupons, in the same name, may, upon request of the registered owner, be exchanged at such office or agency for one registered Bond without coupons or several such Bonds, of like form and maturity, but of greater authorized denominations and for the same aggregate principal sum.

Whenever any coupon Bonds in aggregate principal amount equal to one or more registered Bonds without coupons of authorized denominations, with all unmatured coupons thereto attached, shall be surrendered at such office for exchange for a registered Bond or Bonds without coupons, the University shall issue, and the Trustee shall authenticate, and, in exchange for such coupon Bonds, shall deliver registered Bonds, or one registered Bond, of authorized denominations without coupons, of the same maturity and for a like aggregate principal sum.

Whenever any registered Bond without coupons shall be surrendered for cancellation, accompanied by delivery of a written instrument of transfer in a form approved by the Trustee, duly executed by the registered owner of such Bond or his duly authorized attorney, at the office of the Trustee, for exchange for coupon Bonds, the University shall issue, and the Trustee shall authenticate, and, in exchange for such registered Bond, shall deliver coupon Bonds for a like aggregate principal sum and like maturity, with coupons thereto attached representing interest from the interest payment date on which interest was last paid on such registered Bond without coupons.

As to all registered Bonds without coupons and all coupon Bonds registered as to principal, the person in whose name the same shall be registered shall be deemed and regarded as the owner thereof, for all purposes, and thereafter payment of or on account of the principal of such Bond, if it be a registered coupon Bond, and of the principal and interest, if it be a registered Bond without coupons, shall be made only to such registered owner thereof but such registration may be changed as above provided. All such payments shall be valid and effectual to satisfy and discharge the liability upon such Bonds to the extent of the sum or sums so paid. The University and the Trustee may deem and treat the bearer of any coupon Bond which shall not at the time be registered as to principal, and the bearer of any coupon for interest on such Bond, whether such Bond shall be registered or not, as the absolute owner of such Bond or coupon for the purpose of receiving payment thereof, and for all other purposes whatsoever, and the University and the Trustee shall not be affected by any notice to the contrary whether the Bond or coupon be overdue or not.

In every case of exchange or transfer of Bonds under this Section, the surrendered Bond or Bonds shall be presented to the Trustee for cancellation, and the Trustee shall cancel and cremate all such Bonds in coupon form together with all unmatured coupons which are not registered as to principal and deliver a certificate thereof to the University, and shall cancel all such Bonds either in fully registered form or in coupon form and registered as to principal.

Upon every such exchange of coupon Bonds for registered Bonds without coupons, or of registered Bonds without coupons for coupon Bonds or for other registered Bonds without coupons, and upon any transfer of registered Bonds without coupons, the University, except as otherwise provided in any agreement between the University and any original purchaser of Bonds, may require the payment of such charge therefor as it may deem proper, not exceeding Two dollars (\$2.00) plus the fees and expenses of the Trustee in connection therewith for each Bond issued upon such exchange, payment of which, together with any taxes or other governmental charges required to be paid with respect to such exchange or transfer, shall be made by the party requesting such exchange or transfer as a condition precedent thereto.

The University shall not be required to make exchanges or transfers of bonds

as provided in this Section 2.07 during a period of ten (10) days next preceding any interest payment date, or for the period of ten (10) days next preceding the first publication of notice of redemption of any Bond or at any time of any Bonds which have theretofore been duly called for redemption.

SECTION 2.09. *Lost, Stolen, Destroyed or Mutilated Bonds.* Upon the receipt by the University and the Trustee of evidence satisfactory to them of the loss, theft, destruction or mutilation of any outstanding Bond hereby secured, and of indemnity satisfactory to them, and upon surrender and cancellation of such Bond if mutilated, the University may execute and the Trustee may authenticate and deliver, upon the lapse of such period of time as they may deem advisable, a new Bond of like tenor and maturity bearing the same or a different serial number, to be issued in lieu of such lost, stolen, destroyed or mutilated Bond. Such new Bond may bear such endorsement as may be agreed upon by the University and by the Trustee and which at the time is necessary to conform to the requirements of any securities exchange or of any governmental body having jurisdiction. The University may require the payment of a sum not exceeding Two Dollars (\$2.00) for each new Bond issued under this Section 2.09, and of the expenses which may be incurred by the University and the fees and expenses of the Trustee in the premises. As to any such mutilated Bond surrendered under the foregoing provisions of this Section, the Trustee shall cremate as well as cancel all such Bonds in coupon form not registered as to principal and deliver a certificate thereof to the University.

ARTICLE THREE

REDEMPTION OF BONDS

SECTION 3.01. *Publication of Notice.* In case the University shall desire to exercise its right of redemption of all or any part of the Bonds, it shall publish in one daily newspaper printed in the English language and published and of general circulation in the City of Chicago, Illinois, and a financial newspaper printed in the English language and published and of general circulation in the Borough of Manhattan, in the City and State of New York, at least once in each of two (2) successive calendar weeks, the first publication in such newspaper to be not less than thirty (30) days before the date fixed for redemption, a notice to the effect that the University has elected to redeem all or some specified part of the Bonds on a date therein designated, and in every case stating that on said redemption date there will become and be due and payable upon each Bond so to be redeemed, at the office of the Trustee, the principal thereof, together with the accrued interest to such date and the applicable redemption premium, if any, and that from and after such redemption date interest thereon will cease to accrue. If less than all of the Bonds of any series are to be redeemed such notice shall set forth the denominations and serial numbers of the Bonds of such series to be redeemed. If any of the Bonds to be redeemed are registered Bonds without coupons, or coupon Bonds registered as to principal, similar notice shall be sent by the University by registered or certified mail, postage prepaid, at least thirty (30) days prior to such redemption date, to the persons respectively who shall appear by the transfer register of the University to be the registered owners of such Bonds, at their addresses as the same shall appear, if at all, upon the transfer register of the University at the office of the Trustee, but such mailing shall not be a condition precedent to such redemption and failure so to mail any notice shall not affect the validity of the proceedings for the redemption of such Bonds.

In case of redemption of Bonds through the operation of any sinking fund, Bonds shall be selected for redemption and such redemption shall be made upon publication and/or mailing of notice in the manner and with the effect provided in this Article, except that such publication and/or mailing shall be made in the name of the Trustee (unless in any such case of redemption of Bonds through the operation of any sinking fund the University shall, itself, have published and/or mailed such notice in its own name prior to the time of deposit with the Trustee of the sinking fund moneys being applied to redemption, the right so to publish and/or mail such notice being hereby expressly granted and reserved to the University, subject to the supplying by the University to the Trustee of proof satisfactory to it of such publication and/or mailing).

In case of any registered Bonds without coupons which are to be redeemed in part only, said notice shall specify the respective portions of the principal amounts thereof to be redeemed (which shall be \$1,000 or any multiple thereof) and shall

state that payment of the redemption price shall be made only upon presentation of such Bonds (a) for the notation thereon of such payment on account of principal, or (b) for surrender in exchange for a coupon Bond or Bonds or a registered Bond or Bonds without coupons (as the holder may elect) of authorized denominations in aggregate principal amount equal to the unpaid portion of the principal amount thereof; and in such case, if coupon bonds or registered Bonds without coupons are so to be delivered in exchange, the University shall execute and the Trustee shall authenticate and deliver to or upon the written order of the registered owner of any Bonds, a portion only of which is to be redeemed, and at the expense of the University, a new Bond or Bonds for the principal amount of the surrendered Bond, less the principal amount thereof paid on surrender.

In the event of the payment of a portion of the principal amount of any fully registered Bond registered in the name of any original purchaser in whose name Bonds of that series were first registered and named in a written order of an Authorized Officer filed with the Trustee and stating that the provisions of this paragraph shall be applicable thereto, the Trustee shall make payment to such Bond holder without requiring presentation of such Bond and, in lieu of noting such payment thereon or of authenticating and delivering a new Bond or Bonds of an aggregate principal amount equal to the unredeemed portion of the principal amount of such Bond, the Trustee shall, in its letter transmitting payment to such Bond holder, instruct such holder or his authorized agent to endorse such payment on such Bond and a written representation from such holder to the Trustee that such payment has been so endorsed shall be conclusive evidence of such endorsement and payment.

SECTION 3.02. *Pro Rata Redemption Among Series.* In any case of the redemption at the option of the University of less than all of the outstanding Bonds then subject to redemption, no Bonds of any series may be redeemed unless the same proportion of the outstanding Bonds of each other series then subject to redemption are redeemed at the same time; provided, however, that in any case of the redemption of all of the outstanding Bonds of any one or more series, as a result of or in anticipation of the refunding or refinancing of one or more such series by the application of funds derived from other borrowings or the issuance of additional Bonds hereunder, no Bonds of any other series need be redeemed unless so required in the resolution supplemental hereto, creating or authorizing any additional series of Bonds. Nothing in this section shall be deemed to restrict the redemption by the University of a portion of the Bonds of any series out of surplus funds remaining in a Construction Fund Account held for the account of Bonds of such series in any case where the University is required or permitted to redeem such Bonds out of such surplus funds.

SECTION 3.03. *Selection of Bonds for Redemption.* In any case of redemption of less than all the outstanding Bonds of a single series and maturity, the Bonds to be redeemed shall be selected by the Trustee by lot except as herein otherwise expressly provided. In each such instance the University shall, at least ten (10) days before the date upon which the first publication of the notice of redemption hereinbefore mentioned is required to be made, notify the Trustee in writing of such election and of the aggregate principal amount of Bonds to be redeemed, and thereupon the Trustee shall draw by lot, from the outstanding Bonds, in any manner deemed by it proper, the Bonds to be redeemed, and shall notify the University in writing of the numbers of the bonds so drawn. In any such selection by lot each Bond of a denomination in excess of \$1,000 shall be given a separate number for each \$1,000 of the principal amount thereof.

SECTION 3.04. *Deposit of Funds for Redemption.* On or before the redemption date specified in the notice above provided for, the University shall, and it hereby covenants that it will, deposit with the Trustee an amount of cash sufficient to effect the redemption of the Bonds specified in such notice, or cause the Trustee to apply to such purpose moneys theretofore deposited with the Trustee under the provisions hereof and properly available for such purpose. All moneys deposited by the University with the Trustee, or set apart by the Trustee, under the provisions of this Article Three, for the redemption of Bonds, shall be held for account of the holders thereof and shall be paid to them respectively upon presentation and surrender of said Bonds accompanied by all interest coupons maturing on and after the date fixed for redemption thereof; provided, however, if any such

Bonds shall be registered the same shall be endorsed in blank for transfer if the Trustee shall so require.

SECTION 3.05. *Effect of Redemption.* From and after the date of redemption designated in such notice (such notice having been given as aforesaid and such deposit having been made or moneys set apart as aforesaid), no further interest shall accrue upon any of the Bonds so to be redeemed (or, in the case of registered Bonds without coupons, where only a portion of the principal amount is to be redeemed, on such portion thereof); and any coupons for interest pertaining to any such Bonds and maturing after such date shall be void, and all such Bonds, in so far as such deposit shall have been made or moneys set apart as aforesaid, and all such coupons shall cease to be entitled to the benefit of this Resolution, and the University shall be under no further liability in respect thereof so long as such moneys remain on deposit and no interest shall accrue thereon on and after such redemption date.

SECTION 3.06. *Cancellation and Cremation.* All registered Bonds so redeemed shall forthwith be cancelled and delivered to the University by the Trustee, and in case of coupon Bonds not registered as to principal, shall be cremated by the Trustee which shall deliver a certificate thereof to the University.

ARTICLE FOUR

ISSUANCE OF BONDS

SECTION 4.01. *Issuance of Series A Bonds and Series B Bonds.* Series A Bonds in the principal amount of One Million Six Hundred Twenty-Five Thousand Dollars (\$1,625,000) and Series B Bonds in the principal amount of One Million Five Hundred Twenty-Five Thousand Dollars (\$1,525,000) shall be executed on behalf of the Board of Trustees and shall be authenticated by the Trustee and delivered to or upon the written order of the Comptroller.

SECTION 4.02. *Issuance of Additional Bonds.* Subject to the conditions and limitations hereinafter set forth and provided the University shall not at the time be in default under any of the terms, covenants or provisions of this Resolution, additional Bonds of equal rank with the Series A Bonds and Series B Bonds may be issued from time to time under the terms of this Resolution having such maturities, providing for the payment of such rates of interest and having such other characteristics as shall be determined by the Board of Trustees and set forth in a resolution to be supplemental hereto; *provided* such additional Bonds shall be issued only for one or more of the following purposes: paying the cost of constructing, equipping, completing, acquiring, enlarging or improving student residence halls, dining facilities, apartments, staff housing facilities and related facilities or to refund or refinance any or all Bonds issued hereunder and/or any or all of the obligations of the University referred to in Section 5.01 hereof, and; *provided further*, that the following conditions precedent are complied with at, or prior to the time, of the issuance of such additional Bonds:

A. The Board of Trustees shall adopt a resolution supplemental hereto, setting forth the form of such additional Bonds and the terms and conditions applicable thereto;

B. The Net Income Available for Debt Service shall be equal to or greater than one and thirty-five hundredths (1.35) times the maximum amount to become due in any succeeding fiscal year for the payment of principal of and interest on the Bonds then outstanding hereunder and the Bonds then to be issued, less any Bonds which are to be redeemed or retired with the proceeds of such additional Bonds or concurrently with the issuance thereof; and

C. Concurrently with or prior to the execution, authentication and delivery of any such additional Bonds the University shall file with the Trustee the following:

(1) A written direction for authentication signed by the Comptroller of the Board of Trustees;

(2) A certified copy of a resolution of the Board of Trustees supplemental hereto, setting forth the form of such additional Bonds and the terms and conditions applicable thereto;

(3) A certificate pursuant to Section 2.06 of the Comptroller or Treasurer of the Board of Trustees stating that the University is not at the time in default under any of the terms, covenants or provisions of

this Resolution as then supplemented, that all conditions precedent to the issuance of additional Bonds have been complied with and the University is entitled to issue such additional Bonds;

(4) A certificate prepared and certified by the Comptroller of the University, together with a certificate of an independent public accountant or firm of independent public accountants (which accountant's certificate may state that it is made in reliance on information supplied by the University, that they have made no independent examination of the books and records of the University in connection therewith, but that they know of no reason why such information is incorrect) setting forth in detail the computation of Net Income Available for Debt Service and demonstrating that it is equal to or greater than the amount required in subsection B above;

(5) An opinion of University Counsel to the effect that the University or the State of Illinois has, or will have, indefeasible title in fee simple and a valid and existing right to the use and occupancy of the proposed site and the right to construct, operate and manage the facilities thereon and that such site is not, or will not be, subject to any existing lien or other charge, and

(6) An opinion of Bond Counsel to the effect that such additional Bonds when executed, authenticated and delivered by the Trustee and issued by the Board of Trustees, will be valid and binding obligations of the Board of Trustees and will be secured by this Resolution as then supplemented, equal and pro rata with all other Bonds at the time outstanding.

ARTICLE FIVE

PROVISIONS RELATING TO INCOME AND APPLICATION THEREOF

SECTION 5.01. *Housing Revenue Bond Fund.* All revenues derived from the following sources are hereby pledged for the purpose of making the payments or deposits required to be made under subsections (a), (b) and (c) of Section 5.02 of this Resolution:

- (1) the operation of Project A;
- (2) the operation of any other revenue producing facilities for the account of which additional Bonds may hereafter be issued;
- (3) the operation of the revenue producing facilities currently securing the payment of the following obligations of the University from and after the payment in full of such outstanding obligations:
 - (a) Women's Residence Halls Revenue Bonds, dated February 15, 1949;
 - (b) Student-Staff Apartments (2nd Unit) Revenue Bonds, dated May 1, 1950;
 - (c) Residence Halls Revenue Bonds of 1952, dated March 1, 1952;
 - (d) Dormitory Revenue Bonds of 1956, dated April 1, 1956;
 - (e) Women's Residence Halls Revenue Bonds of 1956, dated October 1, 1956;
 - (f) Men's Residence Halls Revenue Bonds of 1957, dated April 1, 1957; and
- (4) the operation of the Student-Staff Apartments (1st Unit) when conveyed to the Board of Trustees pursuant to the existing agreement with the University of Illinois Foundation;

and such revenues shall be deposited as collected in a general banking account of the University to the credit of a special fund which is hereby created and designated as the "Housing Revenue Bond Fund" said account to be maintained in a bank which is a member of the Federal Deposit Insurance Corporation and the Board of Trustees covenants that all revenues, income, receipts, profits, rates, rents or charges derived from the operation of such facilities shall be so credited within three working days after receipt in the Housing Revenue Bond Fund and shall be used as provided in Section 5.02 hereof.

SECTION 5.02. *Disposition of Housing Revenue Bond Fund.* That the funds in the Housing Revenue Bond Fund shall be used in the manner and in the order hereinafter mentioned:

- (a) All current operating expenses shall first be paid from the Housing Revenue Bond Fund.

(b) A Bond and Interest Sinking Fund is hereby established with the Trustee to be held in trust for the benefit of the Bonds and the holders thereof by the Trustee and the University shall deposit in said Bond and Interest Sinking Fund a sum equal to sixty-seven and one-half per cent (67½%) of the debt service requirements for the then current fiscal year semi-annually, within sixty (60) days following June 30 and December 31 of each year, to be paid from the Housing Revenue Bond Fund, until such time as such funds and investments (valued at the lower of cost or market), and the income and profits realized from any investments thereof are at least equal to the debt service requirements on all then outstanding Bonds for the then current fiscal year plus a debt service reserve in an amount equal to two hundred per cent (200%) of the annual amount to become due in the succeeding fiscal year for the payment of principal of and interest on all Bonds then outstanding and thereafter in a like manner such sums semi-annually as may be necessary to meet the then current fiscal year's debt service and to maintain the aforesaid debt service reserve. For the purpose of this paragraph interest accruing prior to the completion date of any facilities for the account of which Bonds shall have been issued, shall not be deemed to be a debt service requirement on such Bonds.

After setting aside funds for the payment of Bonds which have matured and for past due interest or interest coupons and for principal, accrued interest and premium, if any, on Bonds called for redemption but not paid, funds of the Bond and Interest Sinking Fund in excess of the principal and interest requirements for the next succeeding twelve (12) months may be invested by the Trustee from time to time by written order of the Comptroller in United States Government securities maturing not more than five (5) years from date of purchase. Funds held for interest and principal payments during the next succeeding twelve (12) months (excluding funds held for the payment of Bonds which have matured and for past due interest or interest coupons and for principal, accrued interest and premium, if any, on Bonds called for redemption but not paid) may be invested by the Trustee from time to time by written order of the Comptroller in United States Government securities maturing not later than ten (10) days prior to the next interest payment date.

(c) Reserves for the replacement of equipment and expenditures for minor capital additions to the facilities may, at the option of the University, be made after setting aside all funds required under paragraphs (a) and (b) above.

(d) All funds remaining in said Housing Revenue Bond Fund in any fiscal year after the full debt service reserve prescribed in subsection (b) of this Section has been provided for and after all provisions in subsections (a), (b) and (c) of this section have been met and all deficiencies have been made up, shall be deemed surplus moneys and shall be used for any of the following purposes: (1) for calling and redeeming the outstanding Bonds, which by their terms are redeemable prior to maturity; (2) for purchasing Bonds in the open market, with all unmaturing interest coupons thereto attached at the lowest prices reasonably attainable, but not exceeding the amount at which such Bonds at the time are redeemable; (3) for investment by the Comptroller in United States Government securities until such time as funds are needed for other purposes; (4) for unusual or extraordinary repairs, replacements or improvements to the facilities, for which no funds can be properly provided in subsection (a) hereinabove; and (5) for any lawful purpose as the Board of Trustees may direct.

SECTION 5.03. *Supplementation of Revenues.* It is hereby determined by the Board of Trustees, and it is hereby covenanted that it is necessary to supplement revenues to be derived from the facilities, referred to in this Resolution, by the use of student tuitions which are authorized by law to be retained in the Treasury of the University, and it is hereby further covenanted that if at the close of any fiscal year there is a deficiency in the Housing Revenue Bond Fund to provide for operating expenses of the facilities and/or making the deposits in the Bond and Interest Sinking Fund provided for in Section 5.02 of this Resolution in the required amounts, the Board of Trustees shall within sixty (60) days after the close of the fiscal year deposit to the credit of the said Housing Revenue Bond Fund out of student tuitions, a sum sufficient to make up such deficiency in order to meet the annual debt service required on the Bonds, the annual cost of mainte-

nance and operation of the facilities, and provide for all the accounts and covenants provided for by this Resolution or any resolution supplemental hereto, but such amount shall not, however, exceed in any one fiscal year the lesser of (a) an amount which when added to the revenues to be derived from the facilities will be sufficient to meet the annual operating expenses of the facilities and to provide for the payments required to be made into the Bond and Interest Sinking Fund established for the benefit of the Bonds in subsection (b) of Section 5.02 hereof or (b) \$115,000, plus such additional sums as may be specified in any resolution supplemental hereto creating or authorizing the issuance of additional Bonds.

ARTICLE SIX

APPLICATION OF PROCEEDS OF SALE OF BONDS

SECTION 6.01. *Custody and Application of Bond Proceeds.* The proceeds from the sale of Bonds to be issued from time to time hereunder shall be applied only toward the cost of acquiring, constructing, equipping, enlarging, or improving facilities or refunding or refinancing Bonds issued hereunder or obligations of the University referred to in Section 5.01, all as hereinbefore provided. When received, the part of the purchase price of Bonds representing the interest accrued on Bonds to the date of payment of such purchase price shall be deposited with the Trustee in the Bond and Interest Sinking Fund, together with such portion of the proceeds of the Bonds as is determined by the Board of Trustees to be necessary to so set apart representing interest and principal, if any, to become due on such Bonds prior to the time the facilities for the account of which such Bonds have been issued become revenue producing and funds become available therefrom. Except in the case of Bonds issued to refund or refinance other Bonds, the remaining part of such purchase price shall be retained by the University and accounted for as a separate fund or funds for each project to be known as a "Construction Fund Account" for such project and such moneys shall be deposited in a bank or banks which are members of the Federal Deposit Insurance Corporation. The moneys in each Construction Fund Account shall be applied only toward the cost of construction in the manner and subject to the terms provided in any contract or agreement between the Board of Trustees and any purchaser of Bonds or as may be provided by a resolution supplemental hereto and relating to each separate series of Bonds to be issued hereunder, but in such a manner as to assure completion of the project or improvement for the account of which such Bonds were issued free and clear of mechanic's liens and substantially in accordance with the plans and specifications therefor.

SECTION 6.02. *Investment of Construction Fund.* Pending disbursement for the purpose aforesaid the Comptroller may from time to time invest all or any part of the moneys in the Construction Fund Account not to be needed within the next succeeding thirty (30) days for the purposes hereinabove set forth in Bonds, or other direct and general obligations of the United States of America having a maturity date or becoming due at the option of the holder not more than three (3) years subsequent to the date of investment therein. Interest accruing as a result of any such investments when received shall be credited to the Construction Fund Account.

SECTION 6.03. *Disposition of Surplus Funds.* After completion of each construction or improvement project, the Comptroller of the University shall execute a certificate to the effect that said project has been fully completed according to the plans and specifications and the same filed in the office of the Secretary of the Board of Trustees. Subject to the terms and provisions of any contract or agreement between the Board of Trustees and any original purchaser of Bonds and relating to any separate series of Bonds to be issued hereunder, if there be funds remaining in a Construction Fund Account at the time of the filing of such certificate with the Secretary, said funds shall be withdrawn by the Comptroller and deposited with the Trustee in the Bond and Interest Sinking Fund. Any contract or agreement between the Board of Trustees and any original purchaser of Bonds may provide that any funds remaining in a Construction Fund Account established for the account of any series of Bonds being acquired by such purchaser be applied to (i) the redemption of such Bonds or other Bonds then subject to redemption, (ii) the purchase of Bonds on the open market, or (iii) the construction of additional facilities by the transfer of such funds to another Construction Fund Account.

ARTICLE SEVEN

ADDITIONAL COVENANTS OF THE UNIVERSITY

The Board of Trustees of the University of Illinois hereby covenants and agrees as follows:

SECTION 7.01. *Authority for Bonds.* That it is duly authorized under the laws of the State of Illinois and under all other applicable provisions of law to create and issue the Bonds herein provided for, and to pledge and apply the net income of the facilities as herein provided; that all corporate and other action on its part for the creation and issuance of the initial issue of Bonds has been duly taken; that said Bonds when issued and in the hands of the holders thereof will be valid and enforceable obligations of the University according to the import thereof; that this Resolution is and will remain a valid Resolution to secure the payment of said Bonds and that the University has complete and lawful authority and privilege to acquire, construct, equip, operate, enlarge, improve, maintain, control and manage the facilities as herein provided.

SECTION 7.02. *Right to Use and Occupancy of the Facilities and not to Encumber Same.* That it hereby warrants that it has a valid and existing right to the use and occupancy of the facilities described or referred to in Section 5.01 in perpetuity and it, or the State of Illinois, has indefeasible title in fee simple to the sites of said facilities (other than the Student-Staff Apartments (1st Unit) title to which has not yet been conveyed to the University) and it has the right to construct, equip, operate, enlarge, improve, maintain, control and manage the same, subject only to the provisions and covenants applicable to outstanding obligations established by resolutions of the Board of Trustees bearing previous date referred to and described in Section 5.01 and the rights of the holders of such obligations and to current taxes not in default; that it will not further encumber said property or the income therefrom and that it will not, while any Bonds are outstanding hereunder encumber the title to or pledge or agree to pay to others the income from any of the said facilities; that it will within three months after the same shall accrue pay and discharge or cause to be paid and discharged, all lawful claims and demands of mechanics, laborers and others which if unpaid might by law become liens upon the facilities or the sites thereof.

SECTION 7.03. *To Pay Principal and Interest.* That it will duly and punctually pay or cause to be paid the principal sum and the interest accruing on said principal, on each and every one of the Bonds secured or to be secured hereby, at the dates and places, and in the manner provided in said Bonds, and in the coupons thereunto appertaining, according to the terms thereof.

SECTION 7.04. *Taxes.* That it will pay and discharge all taxes, assessments and Governmental charges which shall be lawfully imposed upon the facilities provided, however, that the University shall not be required to pay any such tax, assessment, charge or claim so long as the University in good faith and by appropriate legal proceedings shall contest the validity thereof or its enforceability as a lien, and provided further that any such delay occasioned thereby shall not subject the facilities or any part thereof to forfeiture or sale.

SECTION 7.05. *Payment of Trustees and the Bondholders' Costs and Expenses.* That it will pay all and singular the costs, charges and expenses including reasonable attorney fees incurred or paid at any time by the Trustee or any successor Trustee, or by the holder of any of the Bonds because of the failure on the part of the University to perform, comply with and abide by each and every of the stipulations, agreements, conditions and covenants of the Bonds and this Resolution, or either of them.

SECTION 7.06. *Construction of New Facilities, Maintenance, Repairs, Application of Income, Operation of Additional Facilities.* That following the issuance of each series of Bonds under this Resolution it will cause the facilities for the account of which such Bonds were issued to be constructed with all reasonable dispatch; that subject to the right of abandonment as permitted and provided in Article Eight of this Resolution it will at all times from income made available for such purpose maintain, preserve and keep all the facilities and all additions and betterments thereto and every part and parcel thereof in good repair, working order and operating condition; that it will continuously operate the facilities on a revenue producing basis; and that it will use and apply the income from the facilities only as provided in Article Five of this Resolution.

Notwithstanding any provision of this Resolution to the contrary, the University shall have, and it hereby reserves, the right, power and authority, exercisable by it in its sole and uncontrolled discretion without any limitation or restriction whatsoever by virtue of this Resolution, (a) to acquire property for and to erect, construct, equip, furnish, operate, control, manage and use and apply the income of all facilities (now existing or hereafter acquired) other than the facilities referred to in Section 5.01 and facilities for the account of which Bonds have been issued, authenticated and delivered under the terms of this Resolution; and (b) to issue and sell bonds under the provisions of Chapter 144 of the Illinois Revised Statutes, 1957, or otherwise, for the purpose of raising funds to acquire property for and to erect, construct, equip, furnish, operate, control and manage additional revenue producing buildings, which bonds are not, and need not be, issued under or secured by this Resolution; and (c) to raise, acquire or provide funds in any manner other than by the issuance and sale of Bonds under this or any other Resolution for the purpose of acquiring property for or to erect, construct, equip, furnish, operate, control and manage additional housing facilities.

SECTION 7.07. *Maintenance of Occupancy and Rental Rates.* That so long as any Bonds herein authorized to be issued shall remain outstanding it will continuously operate and maintain the facilities, will adopt such parietal rules and regulations and fix and maintain such rates, rents, fees, and charges for the use of said facilities, as will assure maximum occupancy of the buildings and, when supplemented with student tuitions to the extent provided in Section 5.03, will provide revenue sufficient to pay the reasonable cost of operating and maintaining the facilities, and to provide and maintain the aforesaid Bond and Interest Sinking Fund and the required reserves therefor, and that it will collect and account for and apply the aforesaid income and revenues in accordance with and as provided by this Resolution.

SECTION 7.08. *Record Keeping.* That it will, so long as any of the Bonds issued hereunder remain outstanding and unpaid, keep proper and separate books of accounts and records in which full, true and correct entries will be made of all dealings and transactions relating to the properties, business and financial affairs of the University as related to the facilities and such records and books shall be open to inspection by the Bond holders and their agents or representatives.

SECTION 7.09. *Audit Reports and Furnishing of Same.* That it will on or before one hundred fifty (150) days after the end of each fiscal year commencing with the fiscal year ending June 30, 1959, furnish to the Trustee and, upon written request therefor, to the holder or holders of any Bonds, certified reports of audit based on an examination sufficiently complete to comply with generally accepted auditing standards, prepared by an independent public accountant or firm of independent public accountants, covering the operations of the facilities for the fiscal year next preceding, and showing the income and expenses for such period. Such audit report shall include a statement in reasonable detail of income from each separate facility and shall show average occupancy of each facility and the schedule of rates for room rental, board and other charges. Such audit report shall also include statements of the status of each fund or account established under the terms of Article Five hereof showing the amount and source of the deposits therein, the amount and purpose of the withdrawals therefrom and the balance therein at the beginning and end of the fiscal year. There will also be included with each audit report a written opinion of the accountant that in making the examination necessary to said audit no knowledge of any default by the University in the fulfillment of any of the terms, covenants, provisions and conditions of this Resolution was obtained, or, if such accountant shall have obtained knowledge of such default a statement of the default or defaults thus discovered and the nature thereof.

SECTION 7.10. *Inspection of Records by Trustee.* That the books, documents and vouchers relating to the facilities will at all reasonable times be open to inspection by authorized agents of the Trustee.

SECTION 7.11. *Fire and Extended Coverage Insurance.* That as long as any of said Bonds authorized to be issued hereunder shall remain outstanding and unpaid, either as to principal or interest, or both, it will maintain insurance on said facilities, including all equipment thereof and the goods, wares, merchandise contained in the Central Food Stores portion of Project A, against loss or damage by fire and windstorm and all other risks included in extended coverage insurance

in amounts sufficient to provide for not less than full recovery of the insurable value whenever the loss from causes covered by such insurance does not exceed eighty per cent (80%) of the full insurable value of said buildings. Such insurance policy or policies shall be with a company or companies and in a form acceptable to the Trustee and be payable to The Board of Trustees of the University of Illinois, and all moneys collected on account of loss or damage covered by any such policy or policies of insurance shall be held in trust by the Board of Trustees and shall be used only for restoration of the property so damaged or, at the election of the Board of Trustees, deposited with the Trustee for credit to the Bond and Interest Sinking Fund.

SECTION 7.12. *Business Interruption Insurance.* Whenever the Snack Bar and Service Building portion of Project A becomes revenue producing and so long thereafter as the funds and investments of the Bond and Interest Sinking Fund are less than the maximum debt service reserve required to be maintained under Section 5.02(b) of this Resolution, it will procure and maintain Business Interruption Insurance on the Snack Bar and Service Building in an amount sufficient to enable it to credit to the Housing Revenue Bond Fund, out of the proceeds of such insurance an amount equal to the sum that would normally have been available for credit to such fund from the revenues of the damaged building during the time the damaged building is non-revenue producing as a result of loss of use caused by the perils covered by fire and extended coverage insurance. Such Business Interruption Insurance policy shall be with a company or companies and in form acceptable to the Trustee and shall be payable to the Board of Trustees of the University of Illinois and all moneys collected on account of loss covered by any such insurance shall be held in trust by the Board of Trustees and credited to the Housing Revenue Bond Fund.

ARTICLE EIGHT

ABANDONMENT OF FACILITIES

SECTION 8.01. *Conditions Under Which Facilities May Be Abandoned.* Anything in this Resolution to the contrary notwithstanding, the University may at any time and from time to time permanently abandon the use of any of its facilities if the University determines that the facility to be abandoned is to be replaced by another facility which is estimated to produce net income (after making provision for any debt service or obligations, if any, issued to finance such replacement facility) equal to or greater than the facility to be abandoned and the net income of such replacement facility will be pledged and applied as herein provided in the case of the facilities constituting Project A.

In addition the University may at any time, after the final maturity of any series of Bonds or any other obligation initially issued to provide funds for the original construction of a particular facility, permanently abandon the use of any such facility upon a determination by the Board of Trustees that age or physical condition of the facility proposed to be abandoned does not permit the economical operation thereof; provided the Net Income Available for Debt Service after giving effect to such abandonment will be equal to or greater than one and thirty-five one hundredths (1.35) times the maximum annual amount to become due in any succeeding fiscal year for the payment of principal of and interest on the Bonds then outstanding hereunder.

SECTION 8.02. *Evidence of Right of Abandonment.* All findings and determinations required to be made under this Article Eight shall be evidenced by a resolution adopted by the Board of Trustees, a certified copy of which shall be filed with the Trustee.

ARTICLE NINE

CONCERNING THE TRUSTEE, PAYING AGENT AND BOND REGISTRAR

SECTION 9.01. *Trustee, Paying Agent, Bond Registrar, Appointment and Acceptance of Duties.* The First National Bank of Chicago, a national banking association, is hereby appointed Trustee, Paying Agent and Bond Registrar. The Trustee shall signify its acceptance of the duties and obligations imposed upon it by this Resolution as Trustee, Paying Agent and Bond Registrar, by executing the Certificate of Authentication endorsed upon the Bonds, and, by executing such certificate upon any Bond the Trustee shall be deemed to have accepted such duties and obligations not only with respect to the Bond so authenticated, but with respect to all Bonds thereafter to be issued which the Trustee shall authenticate, upon

the terms and conditions set forth in this Resolution. The Trustee shall also signify its acceptance of the duties and obligations imposed upon it by this Resolution by executing and delivering to the University a written acceptance thereof. In addition to the Trustee, the University may appoint one or more banks or trust companies located within or without the State of Illinois as additional paying agent or paying agents for any one or more series of Bonds by designating such additional paying agent or agents in the form of the Bond of such series.

SECTION 9.02. *Responsibilities of Trustee.* The recitals, statements and representations contained herein and in the Bonds and coupons (exclusive of the Trustee's certificate on the Bonds) shall be taken as the recitals, statements and representations of the University and the Trustee assumes no responsibility and shall not be liable for the correctness of the same. The Trustee makes no representations as to the validity or sufficiency of this Resolution or of any resolution supplemental hereto directing the issuance of any Bonds hereunder, or of any Bonds or coupons issued thereunder or in respect of the security afforded by this Resolution, and shall not incur any responsibility in respect thereof. The Trustee shall be under no responsibility or duty with respect to the issuance of the Bonds for value or the application of the proceeds thereof or the application of any moneys paid to the University. Unless or until the happening of an event of default the Trustee shall not be responsible for the enforcement of the pledge of the receipts or the application of the revenues to pay the Bonds.

The Trustee shall be under no obligation or duty to perform any act which would involve it in expense or liability or to institute or defend any suit in respect hereof, or to advance any of its own moneys, unless indemnified to its reasonable satisfaction. The Trustee shall not be liable in connection with the performance of its duties hereunder except for its own negligence or default.

The Trustee shall be under no duty to make any investigation or inquiry regarding defaults, and may conclusively assume that there has been no default by the University in any of the matters or things to be done or performed by it, unless the Trustee is notified in writing by the holders of twenty per cent (20%) in principal amount of all Bonds then outstanding, specifying the default or act that should be performed.

Except as herein otherwise provided all funds held by the Trustee under any of the provisions of this Resolution shall be carried by the Trustee upon the books of its corporate trust department in a separate account or accounts as trust funds, and shall not be deposited in its banking department or used in the conduct of its business unless it shall first set aside in its trust department direct obligations of or obligations the principal and interest of which are guaranteed by the United States Government in an aggregate principal amount corresponding to the amount of funds so used or deposited.

SECTION 9.03. *Evidence on Which Trustee May Act.* The Trustee shall be protected in acting upon any notice, resolution, request, consent, order, certificate, estimate, report, opinion, bond or other paper or document believed by it to be genuine, and to have been signed or presented by the proper party or parties. It may consult with counsel, who may or may not be of counsel to the University, and the opinion of such counsel shall be full and complete authorization and protection in respect of any action taken or suffered by it under this Resolution in good faith and in accordance therewith.

Whenever the Trustee shall deem it necessary or desirable that a matter be proved or established prior to taking or suffering any action under this Resolution, such matter (unless other evidence in respect thereof be therein specifically prescribed) may be deemed to be conclusively proved and established by a certificate of an Authorized Officer of the University and such certificates shall be full warrant for any action taken or suffered in good faith under the provisions of this Resolution upon the faith of such certificate but in its discretion the Trustee may in lieu thereof accept other evidence of such fact or matter or may require such further or additional evidence as it may deem reasonable.

Except as otherwise expressly provided in this Resolution, any request, order, notice or other direction required or permitted to be furnished pursuant to any provision hereof by the University to the Trustee shall be sufficiently executed if executed in the name of the University by an Authorized Officer.

SECTION 9.04. *Compensation.* The University shall pay to the Trustee from time to time reasonable compensation for all services rendered under this Resolu-

tion, and also all reasonable expenses, charges, counsel fees and other disbursements, including those of its attorneys, agents, and employees, incurred in and about the performance of their powers and duties under this Resolution and the Trustee shall have a lien therefor on any and all funds at any time held by it under this Resolution. The University further agrees to indemnify and save the Trustee harmless against any liabilities which it may incur in the exercise and performance of its powers and duties hereunder, and which are not due to its negligence or default.

SECTION 9.05. *Certain Permitted Acts.* The Trustee may become the owner of any Bonds and coupons or act as depositary for or loan money to the University or the State of Illinois or any agency or department thereof, or otherwise deal therewith in each case with the same rights it would have if it were not Trustee hereunder. To the extent permitted by law, the Trustee may act as depositary for, and permit any of its officers or directors to act as a member of, or in any other capacity with respect to, any committee formed to protect the rights of Bond holders or to effect or aid in any reorganization growing out of the enforcement of the Bonds or this Resolution, whether or not any such committee shall represent the holders of a majority in principal amount of the Bonds then outstanding.

SECTION 9.06. *Resignation of Trustee.* The Trustee may at any time resign and be discharged of the duties and obligations created by this Resolution by giving not less than sixty (60) days' written notice to the University and publishing notice thereof, specifying the date when such resignation shall take effect, once in each week for two successive calendar weeks in one daily newspaper published in the English language and of general circulation in the City of Chicago, Illinois, and in a financial newspaper published in the English language and of general circulation in the Borough of Manhattan, City and State of New York, and such resignation shall take effect upon the day specified in such notice unless previously a successor shall have been appointed by the University or the Bond holders as provided in Section 9.08, in which event such resignation shall take effect immediately on the appointment of such successor.

SECTION 9.07. *Removal of Trustee.* The Trustee may be removed at any time by an instrument or concurrent instruments in writing, filed with the Trustee and signed by the holders of a majority in principal amount of the Bonds then outstanding or their attorneys-in-fact duly authorized, excluding any Bonds held by or for the account of the University.

SECTION 9.08. *Appointment of Successor Trustee.* In case at any time the Trustee shall resign or shall be removed or shall become incapable of acting, or shall be adjudged a bankrupt or insolvent, or if a receiver, liquidator or conservator of the Trustee, or of its property, shall be appointed, or if any public officer shall take charge or control of the Trustee, or of its property or affairs, a successor may be appointed by the holders of a majority in principal amount of the Bonds then outstanding, excluding any Bonds held by or for the account of the University, by an instrument or concurrent instruments in writing signed and acknowledged by such Bond holders or by their attorneys-in-fact duly authorized and delivered to such successor Trustee, notification thereof being given to the University and the predecessor Trustee; provided, nevertheless, that unless a successor Trustee shall have been appointed by the Bond holders as aforesaid, the University by a duly executed written instrument signed by an Authorized Officer of the University shall forthwith appoint a Trustee to fill such vacancy until a successor Trustee shall be appointed by the Bond holders as authorized in this Section 9.08. The University shall publish notice of any such appointment made by it once in each week for two consecutive calendar weeks, in one daily newspaper published in the English language and of general circulation in the City of Chicago, Illinois, and in a financial newspaper published in the English language and of general circulation in the Borough of Manhattan, City and State of New York, the first publication to be made within twenty (20) days after such appointment. Any successor Trustee appointed by the University shall, immediately and without further act, be superseded by a Trustee appointed by the Bond holders.

If in a proper case no appointment of a successor Trustee shall be made pursuant to the foregoing provisions of this Section within forty-five (45) days after the Trustee shall have given to the University written notice as provided in Section 9.06 or after a vacancy in the office of the Trustee shall have occurred by reason of removal or its inability to act, the Trustee or the holder of any Bond

may apply to any court of competent jurisdiction to appoint a successor Trustee. Said court may thereupon, after such notice, if any, as such court may deem proper and prescribe, appoint a successor Trustee.

Any Trustee appointed under the provisions of this Section 9.08 in succession to the Trustee shall be a bank or trust company organized under the laws of the State of Illinois or a national banking association, doing business and having its principal office in the City of Chicago, Illinois, and having a capital and surplus aggregating at least One Million Dollars (\$1,000,000), if there be such a bank or trust company or national banking association willing and able to accept the office on reasonable and customary terms and authorized by law to perform all the duties imposed on it by this Resolution.

SECTION 9.09. *Transfer of Rights and Property to Successor Trustee.* Any successor Trustee appointed under this Resolution shall execute, acknowledge and deliver to its predecessor Trustee, and also to the University, an instrument accepting such appointment, and thereupon such successor Trustee, without any further act, deed or conveyance, shall become fully vested with all moneys, estates, properties, rights, powers, duties and obligations of such predecessor Trustee, with like effect as if originally named as Trustee, and the predecessor Trustee shall promptly furnish to the successor Trustee on request therefor, or on such request permit the successor Trustee to secure from the records of the predecessor Trustee such information as may be required by the successor Trustee to perform its duties and obligations as such successor, and shall deliver to the successor Trustee instruments then in its possession for the inspection of the holders of Bonds; but the Trustee ceasing to act shall nevertheless, on the written request of the University, or of the successor Trustee, execute, acknowledge and deliver such instruments of conveyance and further assurance and do such other things as may reasonably be required for more fully and certainly vesting and confirming in such successor Trustee all the right, title and interest of the predecessor Trustee in and to any property held by it (if any) under this Resolution, and shall pay over, assign and deliver to the successor Trustee any money or other property subject to the trusts and conditions herein set forth, including all records and books of registry.

SECTION 9.10. *Merger or Consolidation.* Any company into which any Trustee may be merged or converted or with which it may be consolidated or any company resulting from any merger, conversion or consolidation to which it shall be a party or any company to which any Trustee may sell or transfer all or substantially all of its corporate trust business, provided such company shall be a bank or trust company organized under the laws of the State of Illinois or a national banking association and shall have an office for the transaction of its business in the City of Chicago and State of Illinois, and shall be authorized by law to perform all the duties imposed upon it by this Resolution, shall be the successor to such Trustee without the execution or filing of any paper or the performance of any further act.

SECTION 9.11. *Adoption of Authentication.* In case any of the Bonds contemplated to be issued under this Resolution shall have been authenticated but not delivered, any successor Trustee may adopt the Certificate of Authentication of any predecessor Trustee so authenticating such Bonds and deliver such Bonds so authenticated; and in case any of the said Bonds shall not have been authenticated, any successor Trustee may authenticate such Bonds in the name of the predecessor Trustee, or in the name of the successor Trustee, and in all such cases such certificate shall have the full force which it is anywhere in said Bonds or in this Resolution provided that the certificate of the Trustee shall have.

ARTICLE TEN

EVENTS OF DEFAULT

SECTION 10.01. *Events of Default.* The University shall be in default herein if one or more of the following events (herein called "events of default") shall happen, to-wit:

- (a) Failure to make due and punctual payment of the principal of or any redemption premium on any Bond when and as the same shall become due and payable;

(b) Failure to make due and punctual payment of any installment of interest on any Bond when and as such interest installment shall become due and payable, and such default shall have continued for a period of thirty (30) days;

(c) Failure to make due and punctual payment or satisfaction of any payment into the Bond and Interest Sinking Fund when and as such payments shall become due and payable as in this Resolution or any resolution supplemental hereto expressed and such default shall have continued for a period of two hundred seventy (270) days;

(d) If the University shall default in the observance of any other covenants, agreements or conditions on its part in this Resolution or any resolution supplemental hereto or in the Bonds contained, and such default shall have continued for a period of ninety (90) days after notice thereof given to the University by the Trustee setting forth the nature of such default.

If an event of default shall happen and be continuing, then and in each and every such case the holders of not less than a majority in aggregate principal amount of the Bonds at the time outstanding shall be entitled, upon notice in writing to the University and to the Trustee, to declare the principal of all of the Bonds then outstanding hereunder and the interest accrued thereon to be due and payable immediately, and upon any such declaration the same shall become and shall be immediately due and payable, anything in this Resolution or in the Bonds contained to the contrary notwithstanding.

All of the revenues of the facilities including all sums in the Housing Revenue Bond Fund upon the date of the happening of any event of default and all sums thereafter received by the Trustee hereunder, shall be applied by the Trustee in the order following upon presentation of the several Bonds and coupons, and the stamping thereon of the payment if only partially paid, or upon the surrender thereof if fully paid:

First, to the payment of the costs and expenses of the holders of the Bonds in declaring such event of default, including reasonable compensation to their agents, attorneys and counsel, and to the payment of all compensation, claims and expenses of the Trustee in carrying out the provisions of this Section 10.01 and all other services performed under this Resolution including reasonable compensation to its agents, attorneys and counsel;

Second, in case the principal of the Bonds shall not have become due and shall not then be due and payable, to the payment of the interest in default in the order of the maturity of the installments of such interest, with interest on the overdue installments at the rate now or hereafter provided by law, such payments to be made ratably to the persons entitled thereto without preference or priority;

Third, in case the principal of the Bonds shall have become due and shall be then due and payable, to the payment of the whole amount then owing and unpaid upon the Bonds for principal and interest, with interest on the overdue principal at the rate or rates of interest specified in the Bonds and on installments of interest at the rate now or hereafter provided by law, and in case such moneys shall be insufficient to pay in full the whole amount so owing and unpaid upon the Bonds, then to the payment of such principal and interest without preference or priority of principal over interest, or of interest over principal, or of any installment of interest over any other installment of interest, ratably to the aggregate of such principal and interest.

SECTION 10.02. *Rights of Holders of Bonds Upon Default.* Subject to any contractual limitations binding upon the holders of any of the Bonds (including the provisions of Section 10.03 hereof and any other limitations herein upon the exercise of any remedy to holders holding a specific proportion or percentage of the Bonds), any holder of Bonds shall have the right, for the equal benefit and protection of all holders of Bonds similarly situated:

(a) By suit at law or proceedings in equity to compel observance by the University or by any of its officers, agents, and employees of any contract or covenant made by the University with the holders of Bonds and coupons as provided in this Resolution, and to compel the University and any of its officers, agents and employees, to perform any duties required to be performed for the benefit of the holders of the Bonds or coupons as provided by this

Resolution, and to enjoin the University and any of its officers, agents or employees from taking any action in conflict with any contract or covenant with the holders of the Bonds and coupons as provided by this Resolution;

(b) By action or suit in equity to require the University to account as if it were the trustee of an express trust; or

(c) By action or suit in equity to enjoin any acts or things which may be unlawful or in violation of the rights of the holders of Bonds.

No remedy conferred hereby upon the Trustee or any holder of Bonds is intended to be exclusive of any other remedy, but each such remedy is cumulative and in addition to every other remedy and may be exercised without exhausting and without regard to any other remedy conferred hereby. No waiver of any default or breach of duty or contract by the holder of any Bond shall extend to or shall affect any subsequent default or breach of duty or contract or shall impair any rights or remedies thereon. No delay or omission of the Trustee or the holder of any Bond to exercise any right or power accruing upon any default shall impair any such right or power or shall be construed to be a waiver of any such default or acquiescence therein. Every substantive right and every remedy conferred upon the holders of Bonds may be enforced and exercised from time to time and as often as may be deemed expedient. In case any suit, action or proceeding to enforce any right or exercise any remedy shall be brought or taken and then discontinued or abandoned, or shall be determined adversely to the holders of Bonds, then, and in every such case, the University and the holders of Bonds shall be restored to their former positions and rights and remedies as if no such suit, action or proceeding had been brought or taken.

SECTION 10.03. *Trustee to Act as Trustee for Bond Holders.* The Trustee appointed hereunder (and the successive respective holders of the Bonds and interest coupons, by taking and holding the same, shall be conclusively deemed to have so appointed the Trustee) shall act as Trustee to represent the Bond holders in the matter of exercising and prosecuting on their behalf such rights and remedies as may be available to such holders under the provisions of the Bonds and this Resolution. Upon any default or other occasion giving rise to a right in such Trustee to represent the Bond holders, such Trustee may, but need not, take such action on behalf of the Bond holders as may seem appropriate to it and, upon the request in writing of the holders of twenty per cent (20%) in principal amount of all the Bonds then outstanding, which request shall specify such default or occasion and the action to be taken by the Trustee, and upon being furnished with indemnity satisfactory to it, such Trustee shall take such action on behalf of the Bond holders as may have been so requested; subject however to the provisions of Section 10.01 requiring not less than a majority in aggregate principal amount of the Bonds at the time outstanding to declare the principal of all Bonds then outstanding hereunder and the interest accrued thereon to be due and payable.

Except as in this Section 10.03 provided, no holder of any Bond or of any interest coupon pertaining to any coupon Bond shall have any right by virtue or by availing of any provision of this Resolution or provisions of applicable law to institute any suit, action or proceeding, at law or in equity, for the appointment of any trustee in bankruptcy, receiver, liquidator or custodian of the revenues and other funds pledged or held hereunder, unless such holder shall previously have given to the Trustee written notice of an existing default, and unless, also, there shall have been tendered to the Trustee security and indemnity satisfactory to it against all costs, expenses and liabilities which might be incurred in or by reason of such action, suit or proceeding, and unless, also, the holders of twenty per cent (20%) in aggregate principal amount of all the Bonds then outstanding shall have requested the Trustee in writing to take action with respect to such default and the Trustee shall have declined to take such action or failed so to do within thirty (30) days thereafter; it being intended that no one or more holders of Bonds or interest coupons shall have any right in any manner to institute or prosecute any action, suit or proceeding for the appointment of a trustee in bankruptcy, receiver, liquidator or custodian of the revenues and other funds pledged or held hereunder, except in the manner herein provided, and for the equal proportionate benefit of all holders of outstanding Bonds and interest coupons; provided that nothing contained in this Resolution or in the Bonds shall affect or impair the obligation to pay the principal of, premium (if any) and the

interest on the Bonds as in this Resolution provided, or shall affect or impair the right of action, which is absolute and unconditional, of the holders of the Bonds otherwise to enforce payment thereof by virtue of the contract embodied in the Bonds and in this Resolution or applicable statutes and provisions of law, or to enforce any of the covenants or provisions in the Bonds, this Resolution, or applicable statutes or provisions of law, except as hereinabove provided with respect to suits, actions or proceedings for the appointment of any trustee in bankruptcy, receiver, liquidator or custodian of the revenues and other funds pledged or held hereunder.

SECTION 10.04. *Trustee Constituted Attorney-in-Fact for Bondholders.* The Trustee is hereby appointed (and the successive respective holders of the Bonds and interest coupons issued hereunder, by taking and holding the same, shall be conclusively deemed to have so appointed it) the true and lawful attorney-in-fact of the respective holders of the Bonds and interest coupons, with authority to make or file, irrespective of whether the Bonds or any of them are in default as to payment of principal or interest, in the respective names of the holders of the Bonds or interest coupons, or in behalf of all holders of the Bonds, or of interest coupons pertaining to the Bonds, as a class or classes, any proof of debt, amendment of proof of debt, petition or other document, to receive payment of any sum or sums becoming distributable on account thereof, and to execute any and all other papers and documents and to do and perform any and all acts and things for and in behalf of the respective holders of the Bonds or interest coupons, or in behalf of such holders as a class or classes, as may be necessary or advisable in the opinion of any such attorney-in-fact in order to have the respective claims of such holders of Bonds or interest coupons allowed in any equity receivership, insolvency, liquidation, bankruptcy or other proceedings to which the State of Illinois or the University may at any time be a party, and to receive payment of or on account of such claims; and each and every receiver, assignee or trustee in bankruptcy is hereby authorized by each of the respective holders of the Bonds and interest coupons to make such payments to such attorney-in-fact, and, in the event that such attorney-in-fact shall consent to the making of such payments directly to such holders, to pay to such attorney-in-fact any amount which may be due to it for compensation and expenses, including counsel fees, incurred by it up to the date of such distribution.

ARTICLE ELEVEN

MODIFICATION AND AMENDMENT OF THE RESOLUTION

SECTION 11.01. *Amendment by Consent of Bond Holders.* This Resolution and the rights and obligations of the University and of the holders of the Bonds and coupons may be modified or amended at any time by resolution supplemental hereto adopted by the Board of Trustees pursuant to the affirmative vote at a meeting of Bond holders held in accordance with this Article, or with the written consent without a meeting, given as provided in Section 11.04, of the holders of sixty-six and two-thirds per cent (66⅔%) in principal amount of all of the Bonds then outstanding; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on, or otherwise alter or impair the obligation of the University to pay the principal or interest or redemption premiums at the time and place and at the rate and in the currency provided therein of any Bond without the express consent of the holder of such Bond, or (ii) permit the creation by the University of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held hereunder, except as permitted by this Resolution, other than the lien and pledge created by this Resolution, or (iii) permit the creation of a preference or priority of any Bond or Bonds over any other Bond or Bonds or coupon or coupons, or (iv) reduce the percentages of Bonds required for the affirmative vote or written consent to an amendment or modification, without the written consent of holders of all Bonds, and without the written assent of the Trustee thereto, no such modification or amendment shall modify any of the rights or obligations of the Trustee at the time acting hereunder.

SECTION 11.02. *Bond Holders Meetings.* The University may at any time call a meeting of the holders of Bonds. Every such meeting shall be held at such place in the City of Chicago, State of Illinois, as may be specified in the notice calling such meeting. Written notice of such meeting, stating the place and time

of the meeting and in general terms the business to be submitted, shall be given by the University to the Trustee who shall mail a copy of such notice, postage prepaid, not less than thirty (30) nor more than sixty (60) days before such meeting, (a) to each registered owner of Bonds then outstanding, at his address, appearing upon the books of registration, and (b) to each holder of any Bond payable to bearer who shall have filed with the Trustee as Bond Registrar an address for notices, and such notice shall be published by the University at least once a week for two (2) successive weeks in a daily newspaper published in the English language and having a general circulation in the City of Chicago, State of Illinois, and also by similar publication in a financial newspaper published in the Borough of Manhattan, in the City of New York, State of New York, the first publication to be not less than thirty (30) nor more than sixty (60) days prior to the meeting; provided, however, that the mailing of such notice shall in no case be a condition precedent to the validity of any action taken at any such meeting.

SECTION 11.03. *Attendance in Person or by Proxy.* Attendance and voting by Bond holders at such meeting may be in person or by proxy. Owners of Registered Bonds may, by an instrument in writing under their hands, appoint any person as their proxy to vote at any meeting for them.

In order that holders of Bonds payable to bearer or their proxies may attend and vote without producing their Bonds, the University may make and from time to time vary such regulations as it shall think proper for the deposit of Bonds with, or exhibit of Bonds to, any banks or trust companies wherever situated, and for the issue by them, to the persons depositing or exhibiting such Bonds, of certificates in form approved by the University which shall constitute proof of ownership entitling the holders thereof to be present and vote at any such meeting and to appoint proxies to represent them and vote for them at any such meeting in the same way as if the persons so present and voting, either personally or by proxy, were the actual bearers of the Bonds in respect of which such certificates shall have been issued, and any regulations so made shall be binding and effective. Copies of such regulations shall be kept on file in the offices of the Trustee in Chicago, Illinois, and the Secretary of the University.

Any registered owner of Bonds or any holder of a certificate provided for in this Section 11.03 shall be entitled in person or by proxy to attend and vote at such meeting as holder of the Bonds registered or certified in his name, without producing such Bonds. All others seeking to attend or vote at such meeting in person or by proxy must produce the Bonds claimed to be owned or represented at such meeting, and all persons seeking to attend or vote at such meeting in person or by proxy shall, if required, produce such further proof of Bond ownership or personal identity as shall be satisfactory to the University. All proxies presented at any meeting shall be delivered to the inspectors of votes and filed with the University.

SECTION 11.04. *Amendments by Written Consent of Bond Holders.* The University may at any time adopt a valid resolution amending the provisions of the Bonds or of this Resolution or of any resolution supplemental hereto, to the extent that such an amendment is permitted by the provisions of Section 11.01, to take effect when and as provided in this Section. A copy of such resolution, together with a request of the University to Bond holders for their consent thereto, shall be mailed by the Trustee to each registered owner of Bonds and notice of the adoption thereof shall be published in the manner provided in Section 11.02 for the mailing and publication referred to in that Section (but failure to mail copies of such resolution and request shall not affect the validity of the resolution when assented to as in this Section provided). Such resolution shall not be effective unless and until there shall have been filed with the Trustee the written consents of the percentage of holders of outstanding Bonds specified in Section 11.01. Each such consent shall be effective only if accompanied by proof of ownership of the Bonds for which such consent is given, which proof shall be such as is permitted by Section 11.03. Any such consent shall be binding upon the holder of the Bonds giving such consent and on any subsequent holder of such Bonds (whether or not such subsequent holder has notice thereof).

SECTION 11.05. *Supplemental Resolutions or Amendments Without Consent of Bond Holders.* The Board of Trustees may from time to time and at any time, subject to the conditions and restrictions in this Resolution contained, but without

requiring the consent of the holders of any of the Bonds, adopt a resolution or resolutions supplemental hereto, which shall thereafter form a part hereof for any one or more or all of the following purposes:

(a) To add to the covenants and agreements of the University in this Resolution contained, other covenants and agreements thereafter to be observed and/or to surrender any right or power herein reserved to or conferred upon the Board of Trustees;

(b) To clarify any ambiguity or to clarify, correct or supplement, any defect or inconsistent provision contained in this Resolution or any resolution supplemental hereto; and

(c) To provide for the issuance of additional Bonds hereunder upon the terms and conditions in this Resolution specified.

SECTION 11.06. *Endorsement of Bonds.* Bonds authenticated and delivered after the effective date of any action taken as provided in this Article Eleven may bear a notation by endorsement or otherwise in form approved by the University and the Trustee as to such action, and in that case upon demand of the holder of any Bond outstanding at such effective date and presentation of his Bond for the purpose at the office of the Trustee a suitable notation shall be made on such Bond by the Trustee as to any such action. If the University shall so determine, new Bonds so modified as to conform to such action shall be prepared, authenticated and delivered, and upon demand of the holder of any Bond then outstanding shall be exchanged at the office of the Trustee in the City of Chicago, Illinois without cost to any Bond holder, for Bonds then outstanding, upon surrender of such Bonds with all unmatured coupons, if any, appertaining thereto.

SECTION 11.07. *Exclusion of Bonds.* Bonds owned or held by or for the account of the University shall not be deemed outstanding for the purpose of any vote or consent or other action or any calculation of outstanding Bonds in this Article provided for, and shall not be entitled to vote or consent or take any other action in this Article provided for.

ARTICLE TWELVE

MISCELLANEOUS

SECTION 12.01. *Benefits of Bond Holders Limited to Parties.* Nothing in this Resolution, expressed or implied, is intended or shall be construed to confer upon, or to give to, any person, firm or corporation other than the University, the Trustee and the holders of the Bonds and of the coupons outstanding, any right, remedy or claim under or by reason of this Resolution, and any covenants, stipulations, promises and agreements in this Resolution contained by and on behalf of the University shall be for the sole and exclusive benefit of the University, the Trustee, and of the holders of Bonds and of the coupons outstanding.

SECTION 12.02. *Successor is Deemed Included in All References to Predecessor.* Whenever in this Resolution or any resolution supplemental hereto either the University or the Trustee is named or referred to, such reference shall be deemed to include the successors or assigns thereof, and all the covenants and agreements in this Resolution contained by or on behalf of the University shall bind and inure to the benefit of the respective successors and assigns thereof whether so expressed or not.

SECTION 12.03. *Discharge of Resolution.* If all of the outstanding Bonds shall have matured, or shall have been duly called for redemption and the redemption date thereof shall have arrived, and if the University shall have deposited with the Trustee in trust, funds pursuant to this Resolution sufficient to pay and available for the payment of all amounts due on all Bonds then outstanding, including all principal, interest and redemption premiums, if any, and provision shall also be made for paying all other sums payable hereunder by the University, then, notwithstanding that any Bonds or interest coupons shall not have been surrendered for payment, the pledge of the income provided for in this Resolution and all other obligations of the University under this Resolution shall cease and terminate except as hereinafter in the next succeeding paragraph provided.

Any such funds held by the Trustee which have not been disbursed in the payment of Bonds and interest as aforesaid during the period of ten (10) years after the deposit referred to in the foregoing paragraph, shall be repaid to the

University by the Trustee on written request of the University together with the schedule of the Bonds not paid or redeemed and thereupon the holder of any of the Bonds or coupons entitled to receive such payments, shall thereafter look only to the University for the payment thereof; provided, however, that the Trustee before being required to make such repayment, shall at the expense of the University, effect publication once a week for two successive weeks in a daily newspaper published in the English language, and having a general circulation in the City of Chicago, State of Illinois, and also by a similar publication in the Borough of Manhattan, in the City and State of New York, a notice to the effect that said moneys have not been so applied and that after a date named in said notice, any unclaimed balance of said moneys then remaining, will be returned to the University.

No Bond or appurtenant coupon shall, after the maturity thereof either according to its terms or through call of such Bond for earlier redemption, be deemed to be outstanding provided that moneys in the requisite amount for the payment thereof shall have been deposited with the Trustee, as trust funds, and are available for payment of such Bond or coupon upon demand.

SECTION 12.04. *Execution of Documents by Bond Holders.* Any request, declaration or other instrument which this Resolution may require or permit to be signed and executed by Bond holders may be in one or more instruments of similar tenor, and shall be signed or executed by Bond holders in person or by their attorneys-in-fact appointed in writing.

Except as otherwise herein expressly provided, the fact and date of the execution by any Bond holder or his attorney-in-fact of such request, declaration or other instrument or writing appointing such attorney-in-fact may be proved by the certificate of any notary public or other officer authorized to take acknowledgments of deeds to be recorded in the State in which he purports to act, that the person signing such request, declaration or other instrument or writing acknowledged to him the execution thereof, or by an affidavit of a witness of such execution, duly sworn to before such notary public or other officer.

Except as otherwise herein expressly provided in this Resolution, the amount of Bonds transferable by delivery held by any person executing such request, declaration or other instrument or writing as a Bond holder, and the numbers thereof, and the date of his holding such Bonds, may be proved by a certificate, which need not be acknowledged or verified, satisfactory to the Trustee, executed by a trust company, bank, investment banker, dealer, broker or other depository wherever situated, showing that at the date therein mentioned such person exhibited to or had on deposit with such depository the Bonds described in such certificate. Continued ownership after the date of deposit stated in such certificate may be proved by the presentation of such certificate if the certificate contains a statement by the depository that the Bonds therein referred to are in fact held on deposit by such depository and will not be surrendered without the surrender of the certificate to the depository. The Trustee may nevertheless in its discretion require further or other proof in cases where it deems the same desirable. The ownership of registered Bonds and the amount, maturity, number and date of holding the same shall be proved by the registry books.

Any request, declaration or other instrument or writing of the owner of any Bond shall bind all future owners of such Bond in respect of anything done or suffered to be done by the University or by the Trustee hereunder in good faith and in accordance therewith.

SECTION 12.05. *Waiver of Personal Liability.* No officer, agent or employee of the University shall be individually or personally liable for the payment of the principal of or interest on the Bonds; but nothing herein contained shall relieve any such officer, agent or employee from the performance of any official duty provided by law.

SECTION 12.06. *Official Publication.* Any publication to be made under the provisions of this Resolution in successive weeks may be made in each instance upon any business day of the week and need not be made on the same day of any succeeding week nor in the same newspaper for any or all of the successive publications, but may be made in different newspapers.

SECTION 12.07. *Partial Invalidity.* If any one or more of the covenants or agreements, or portions thereof, provided in this Resolution should be contrary to law, then such covenant or covenants, such agreement or agreements or such

portions thereof, shall be null and void and shall be deemed separable from the remaining covenants and agreements or portions thereof and shall in no way affect the validity of this Resolution or of the Bonds.

SECTION 12.08. *Headings and Index.* Any headings preceding the texts of the several articles hereof and any table of contents appended to copies hereof shall be solely for convenience of reference and shall not constitute a part of this Resolution, nor shall they affect its meaning, construction or effect.

SECTION 12.09. *Covenants Not to Be Deemed Covenants of Any Present or Future Officer, Agent or Employee of University.* All covenants, stipulations, obligations and agreements of the University contained in this Resolution shall be deemed to be covenants, stipulations, obligations and agreements of the University to the full extent authorized by law and permitted by the Constitution of the State of Illinois, and no covenants, stipulations, obligations or agreements contained herein shall be deemed to be a covenant, stipulation, obligation or agreement of any present or future officer, agent or employee of the University in his individual capacity, and no officer executing the Bonds shall be liable personally on the Bonds or be subject to any personal liability or accountability by reason of the issue thereof. No officer, agent or employee of the University shall incur any personal liability in acting or proceeding or in not acting or not proceeding in good faith, reasonably and in accordance with the terms of this Resolution and applicable law.

SECTION 12.10. *Resolution Effective on Passage.* This Resolution shall become effective upon its passage.

President
 Attest:

Secretary

STATE OF ILLINOIS } ss.
 COUNTY OF }

I, _____, do hereby certify that I am the duly elected, qualified and acting Secretary of The Board of Trustees of the University of Illinois, and as such official have charge and custody of the minutes and records of said Board of Trustees.

I further certify that the attached resolution is a true, correct and exact copy of the original resolution adopted by The Board of Trustees of the University of Illinois at its legally convened meeting held on the _____ day of _____, 19____, all as appears of record in my office.

IN WITNESS WHEREOF I have hereunto set my hand and the seal of said University this _____ day of _____, 19____.

Secretary as aforesaid.

On motion of Mr. Herrick, the foregoing resolution was adopted and the President and the Secretary of the Board were authorized to sign the same on behalf of the Board of Trustees of the University of Illinois by the following vote of record: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

SIGNATURES OF MEMBERS OF THE BOARD OF TRUSTEES ON HOUSING REVENUE BONDS

Subsequent to the adoption of this Resolution, the President of the Board designated Mr. Timothy W. Swain, Chairman of the Finance Committee, and Mrs. Frances B. Watkins, a member of the Finance Committee, to sign "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A and B," along with the President and the Secretary of the Board.

**RESOLUTION DELEGATING SIGNATURES FOR HOUSING REVENUE
BONDS CONSTRUCTION FUND ACCOUNT**

Mr. Bissell offered the following resolution:

WHEREAS, the Board of Trustees of the University of Illinois on November 19, 1958, designated the Harris Trust and Savings Bank, Chicago, as the depository for the Construction Fund Account for the Housing Revenue Bonds of 1958, Series A and B, which account is entitled "Construction Fund, Housing Construction of 1958," and authorized said Bank to act as investment counsel for the purchase of government securities as temporary investment of said Fund:

Therefore, It Is Hereby Resolved by the Board of Trustees of the University of Illinois, a public corporation, that the President of the Board of Trustees be and hereby is authorized to delegate to C. C. DeLong, to R. W. Zimmer, and to R. F. Wood authority to sign his name as President of the Board of Trustees to warrants drawn on the Construction Fund, Housing Construction of 1958 Account, covering vouchers approved in accordance with regulations of the Board.

The Secretary of the Board of Trustees be and hereby is authorized to delegate to Maude Archdeacon, to George H. Bargh, and to Everett G. Smith authority to sign his name as Secretary of the Board of Trustees to warrants drawn on the Construction Fund, Housing Construction of 1958, covering vouchers approved in accordance with regulations of the Board.

Be It Further Resolved, that the Harris Trust and Savings Bank of Chicago, as designated depository for the Construction Fund, Housing Construction of 1958, be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or countersigner thereof, when bearing the facsimile signatures of the two following: Park Livingston, President, and A. J. Janata, Secretary; and the Harris Trust and Savings Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures duplicate the facsimile specimens duly certified to or filed with the Harris Trust and Savings Bank of Chicago by the Secretary or other officer of this Corporation; and

Be It Further Resolved, that H. O. Farber, Comptroller of this Board, is hereby authorized to direct the Harris Trust and Savings Bank to execute orders for the purchase, sale, or exchange of United States Government securities acquired as temporary investment of said Construction Fund, and H. O. Farber is further authorized to delegate to C. C. DeLong and to W. M. Griffith authority to sign his name to such orders.

On motion of Mr. Bissell, the foregoing resolution was adopted.

RAILROAD SIDING FOR CENTRAL FOOD STORES BUILDING

(3) The construction of a new railroad siding from the main line of the Illinois Central Railroad south of Champaign to the campus area west of Oak Street extended and south of Stadium Drive is necessary to provide adequate freight service to the new Central Food Stores Building. This siding will be taken off the present rail line immediately south of Stadium Drive and extend on the east side of the tracks to a lower level west of the new building, a total of approximately 626 feet of track.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board authorize (1) an agreement with the Illinois Central Railroad Company for the construction of a siding and the payment by the University to the Company of \$11,196 for the cost of the same; under this agreement the University will provide for the relocation and adjusting of existing power lines at the expense of the University; and (2) adopt the following resolution:

Resolution

Be It and It Is Hereby Resolved by this Board of Trustees of the Board of Trustees of the University of Illinois that the Comptroller and Secretary of this public corporation be, and they hereby are authorized, for and on behalf of this public corporation to execute, acknowledge, and deliver a grant of easement and such other documents as may be necessary to convey to Illinois Central Railroad

Company, its grantees, successors, and assigns, an easement for railroad purposes in, over, and across a seventeen-foot wide strip of land extending from the east side of the Illinois Central Railroad Company's right of way at a point immediately south of Stadium Drive in a southeasterly and southerly arc, to and along the west side of the new Central Food Stores Building, covering approximately 626 linear feet of track, as shown on a blueprint entitled "I.C.R.R. Champaign-Ill. Proposed Track to Serve Univ. of Ill. Warehouse" prepared by the Office of the Division Engineer in Champaign, Illinois, dated May 22, 1957, and filed as File: C-11 in the Illinois Central Railroad Company's files, located in the Southeast One Quarter (SE $\frac{1}{4}$) of Section 13, Township Nineteen North (T 19 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.), Champaign County, Illinois, for the construction, maintenance, repair, renewal, use, and removal of railroad tracks and the pertinent facilities in, over, and across the above-described premises, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, for so long as the rights herein conveyed are used for the purposes herein set forth.

I concur.

On motion of Mr. Hughes, this recommendation was approved, and the foregoing resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain. Mr. Johnston asked to be excused from voting.

LIMOUSINE SERVICE AT THE UNIVERSITY OF ILLINOIS AIRPORT

(4) The Director of the Institute of Aviation and the Vice-President and Comptroller recommend that the Board of Trustees authorize a franchise granting an exclusive privilege of soliciting limousine and taxicab passengers within the terminal area and the Terminal Building at the University of Illinois Airport.

They further recommend that an agreement be entered into with Glenco Motors, Inc., Champaign, granting this operator an exclusive franchise. Sealed bids were received in answer to an advertisement in the official newspaper of the state inviting bids on such a franchise. The best bid is from Glenco Motors, Inc., Champaign, which proposes to pay the University \$275 per month for this franchise.

The Director and the Vice-President and Comptroller recommend authorization of a franchise with Glenco Motors, Inc., and of an agreement covering the same, effective January 1, 1959, and continuing for a period of three years.

I concur.

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

CONTRACT FOR ARCHITECTURAL SERVICES FOR RESIDENCE HALL FOR GRADUATE STUDENTS

(5) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract to Hewitt and Bastian, Peoria, for the design of a residence hall for graduate students at the standard fee of 6 per cent of the construction contracts for complete architectural and engineering services, including supervision of construction. Mr. Ambrose Richardson, Consulting Architect, will review the designs of this building in accordance with current arrangements with him on designs of new University buildings in general. The estimated fee to be paid under this contract is \$45,000.

The Committee on Buildings and Grounds has previously reviewed this recommendation and approves.

I concur.

On motion of Mr. Johnston, this contract was awarded, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

CONTRACT FOR COMMUNICATION SYSTEM IN THE RESEARCH AND EDUCATIONAL HOSPITALS

(6) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$6,552 to Rich Sound Engineers, Inc., Chicago, the lowest bidder,

for installation of a nurse-patient audio call system in the following patient areas of the Research and Educational Hospitals: seventh, tenth, and eleventh floors of the hospital addition; third and fourth floors of the Neuropsychiatric Institute; third floor, west, of the general hospital building.

Funds are available in an appropriation made by the Board of Trustees.

I concur.

On motion of Mrs. Holt, this contract was awarded, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

CONTRACT FOR BAKERY EQUIPMENT FOR CENTRAL FOOD STORES BUILDING

(7) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract for \$111,346 to Moreau and Risch, Inc., Milwaukee, Wisconsin, the lowest bidder, for the food service equipment for the Central Food Stores Building.

Funds will be available in the proceeds of the sale of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A and B."

I concur.

On motion of Mrs. Holt, this contract was awarded, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

ADDITION TO CONTRACTS FOR PHYSICS BUILDING

(8) The Director of the Physical Plant and the Vice-President and Comptroller recommend an addition of \$8,581.58 to the contract with the Mayfair Construction Company, Chicago, for general work on the Physics Building.

This change will provide for interior refinements which were not developed in the planning before plans and specifications were sent to bidders. The principal items are a ventilation system for the retention tank in which radioactive material will be handled, and interior coating of all fume and isotope hood exhaust fans for protection against corrosion. The estimate has been checked by the Department of Physics and the architects.

I concur.

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

NATIONAL DEFENSE EDUCATION ACT OF 1958

(9) Public Law 85-864, the National Defense Education Act of 1958, passed in the closing days of the Eighty-fifth Congress, authorizes certain programs of financial aid to students in institutions of higher education. There is submitted herewith a memorandum, a copy of which is being filed with the Secretary of the Board for record, outlining the several provisions of this law which involve colleges and universities and which will be administered by the United States Office of Education in the Department of Health, Education, and Welfare.

Title II of the law provides federal assistance through the establishment at institutions of higher education of funds for low-interest loans to students, with preference to be given superior students in mathematics, science, engineering, modern languages, and elementary or secondary education.

A participating institution is required to provide 10 per cent of the fund so established. A student may be loaned up to \$1,000 in one year with a \$5,000 maximum. Repayment installments of the loan generally would start one year after the student leaves the college or university, and interest at the rate of 3 per cent a year would be charged effective at the time repayments start. Up to 50 per cent of the loan may be canceled and charged against the government's contribution if the student teaches in elementary or secondary schools. At the close of the program, balances then held and received from loan repayments and interest will be returned in the ratio contributed.

The United States Office of Education has now requested institutions wishing to participate to file applications for funds to be used during the second semester of the current academic year, 1958-59.

Several weeks ago that office requested an informal estimate of the amount that could be utilized by the University of Illinois during the second semester of the current year for this purpose, and the University replied that \$72,944 could possibly be used. This figure was determined by estimating the need and applying to the total funds presently appropriated and allocated to the state of Illinois the ratio of full-time students enrolled at the University to the full-time students enrolled in all eligible institutions in the state.

The Office of Education has now advised that if the nation-wide demand for loans materially exceeds the funds presently appropriated, Congress will be promptly requested to make additional appropriations. Hence, the amounts finally available to the University for use during this academic year may be materially in excess of the \$72,944 estimate.

Because of the uncertainty of the demand and the amount to be finally available, it is requested that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents to secure a grant not to exceed \$180,000 for this purpose, although probably approximately \$72,000 will be initially requested; and that an appropriation be made to provide the University funds required from available and unassigned balances received as reimbursement of indirect costs under government contracts, in an amount equal to one-ninth of that received from the federal government as a grant, but not exceeding \$20,000.

I concur.

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

COMMONWEALTH GRANT FOR STUDY AND EVALUATION OF MEDICAL EDUCATION

(10) The Commonwealth Fund has made a grant of \$112,000 to the University of Illinois in support of a two-year pilot program of educational research by the College of Medicine.

During the period since World War II there have been rapid and far-reaching changes in the goals and concepts of medical education. These changes have been accompanied by the acquisition of a tremendous amount of new knowledge gained from research.

The pilot program of educational research supported by the Commonwealth Fund will be directed toward the establishment of an educational program that is best suited to future needs of this institution. In seeking to achieve this goal, the program of study and evaluation will include the assessment of the patterns of and needs for participation in patient care programs of health professions personnel other than physicians. An attempt will be made also to determine how the College of Medicine can best draw upon the resources of other departments in the University and other institutions in the Medical Center District and how, in return, the College of Medicine can best provide assistance to the programs of these departments and institutions.

The grant from the Commonwealth Fund will also enable the College of Medicine to establish a center of educational research which will have enduring value to the University.

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

On motion of Mr. Williamson, the President's action was confirmed.

MOORMAN ANIMAL BREEDING RESEARCH FARM

(11) The Moorman Manufacturing Company of Quincy has offered to make a grant of \$200,000 to the University of Illinois to assist in establishing an improved research program in animal breeding in the College of Agriculture and the Agricultural Experiment Station.

The company proposes to make a payment of \$100,000 in December, 1958, \$50,000 in September, 1959, and the final \$50,000 in June, 1960, these dates to be subject to adjustment to suit the convenience of the University upon ten days notice to the donor.

I have accepted this offer with an expression of official appreciation on behalf of the University, and request confirmation of this action. I also recommend that

the new facilities which this grant will make possible be named "The Moorman Animal Breeding Research Farm."

The funds will be used for buildings, equipment, and facilities on a completely new research area on land already owned by the University adjacent to the Urbana-Champaign campus. The University has for many years been interested in increasing its facilities for animal breeding research. It is to help satisfy this need that the Moorman Company has made its funds available. The grant will enable the University to create the needed facilities to concentrate on specialized problems of animal breeding theory and practice.

The Moorman Company was interested in making this grant to the University of Illinois because it has one of the outstanding animal breeding research teams in the world. This team plans to expand its research into four general fields. Professors A. V. Nalbandov and P. J. Dziuk will work in the area of artificial insemination and the physiology of reproduction, including studies of fertility, sterility, and embryonic mortality. Professor H. W. Norton will study in the field of population genetics, including methods of animal breeding and selection. Professor B. A. Rasmusen plans to study problems of immunogenetics and serology, especially the inheritance of blood groups. Coordinated research on the part of these four scientists will give an over-all approach to studies of animal physiology and genetics. In addition, the setup will offer the counsel and cooperation of other staff members in the University's Department of Animal Science as well as those in other departments and colleges.

First units of this new breeding research facility will be planned primarily for swine research. Later units will be designed and built for other classes of livestock. Each unit will be constructed to make best use of this completely new approach to scientific study of animal breeding problems.

The new research farm will include facilities to study swine housing, environment control, and the latest equipment and automatic management devices for ideal study conditions. It will be entirely separate from present University swine farm facilities. Plans presently include two purebred and three crossbred swine herds to be raised for use in the studies.

Long-range results from this expanded program should be of large economic value to the swine industry. One research project in this program will measure improvement rate of economic characters by selection. Others will compare rates of improvement in different breeding methods, as well as ways of predicting potential economic value by studying physiological traits, studying the effects of hormone injections and checking the effects of different environments.

On motion of Mrs. Holt, the President's action was confirmed.

REPORT OF GIFTS AND FUNDS RECEIVED FROM OUTSIDE SOURCES

(12) Following is a report of gifts, grants, and contract funds received by the University from outside sources during the fiscal year July 1, 1957, through June 30, 1958. This report includes funds from private donors and funds received from governmental agencies and covers all payments received during the fiscal year. In many cases a period of several months elapses between the time an offer is received and accepted and final payment is made.

In a number of cases, grants and gifts were previously reported to the Board when the offers were received, and likewise the Comptroller's monthly reports include numerous research contracts for which funds have not been received. These are being included here in order to present a complete report of all funds received from outside sources during the fiscal period.

The contracts have all been properly executed by the Secretary and the Comptroller of the Board. The gifts and grants have been accepted and acknowledged by the President or other appropriate University officer with an expression of appreciation on behalf of the University and the Board of Trustees.

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:
For undergraduate scholarships..... 125 00
(This was a grant to the University supplementing 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 a scholarship for a senior student in ceramic engineering, academic year 1958-59.....	500 00
3. Robert Allerton, Hawaii: to continue the Allerton American Traveling Scholarships in Architecture, academic year 1958-59.....	800 00
4. The Allstate Foundation, Skokie, Illinois: scholarships and expenses in connection with a regular summer session (1958) course for the training of teachers in high school driver education.....	2 500 00
5. Alpha Phi Omega, national service fraternity: scholarships.....	125 00
6. American Air Filter Company, Herman Nelson Division, Moline, Illinois: three scholarships, in electrical engineering, engineering physics, and mechanical engineering, academic year 1957-58.....	1 000 00
7. American Occupational Therapy Association: United Cerebral Palsy scholarships for students in occupational therapy.....	383 60
8. American Society for Metals Foundation for Education and Research: scholarship in metallurgical engineering, academic year 1957-58.....	400 00
9. Archer-Daniels-Midland Company, Minneapolis, Minnesota: scholarship for senior in chemistry or chemical engineering, academic year 1958-59.....	500 00
10. Armstrong Cork Company, Lancaster, Pennsylvania: scholarship, academic year 1957-58.....	250 00
11. Automobile Manufacturers Association, Detroit, Michigan: scholarship in industrial education.....	2 500 00
12. Barber-Colman Foundation, Rockford, Illinois: four scholarships in engineering, academic year 1957-58.....	2 400 00
13. Barber-Green Company: to add to the undergraduate scholarship funds.....	150 00
14. Bendix Aviation Corporation, Detroit, Michigan: scholarship in engineering.....	500 00
15. Campus Chest, University of Illinois undergraduate fund-raising organization: scholarships.....	600 00
16. Carrier Corporation, Syracuse, New York: scholarship in mechanical engineering, academic year 1957-58.....	750 00
17. Chicago Farmers, Chicago: scholarship for a senior in agriculture, academic years 1957-58 and 1958-59.....	1 000 00
18. Chicago Title and Trust Company Foundation, Chicago: scholarships in the College of Law.....	5 000 00
19. Mr. Warren E. Compton, St. Louis, Missouri: to establish the Bertha L. Compton Memorial Scholarship, the scholarship award to be made annually from income earned on the principal.....	4 750 00
20. Continental Can Company, Inc., New York, New York: scholarship in ceramic engineering.....	1 000 00
21. Corn Products Refining Company, Chicago: scholarships.....	4 000 00
22. Crane Company, Chicago: scholarships, academic year 1958-59....	1 100 00
23. Dads Association, University of Illinois: scholarships.....	1 500 00
24. George W. Doak Memorial Scholarship Fund (This fund was established by the family and friends of the late George W. Doak of Metamora, Illinois. Mr. Doak, a graduate of the University of Illinois, taught vocational agriculture at Washburn and Metamora high schools for twenty years and at the time of his death had served ten years as state supervisor of agricultural education): scholarship in vocational agriculture.....	1 000 00
25. Douglas Aircraft Company, Inc., Santa Monica, California: scholarship for senior student in aeronautical, electrical, or mechanical engineering, academic year 1958-59.....	750 00
26. Dow Chemical Company, Midland, Michigan: scholarship in metallurgical engineering, academic years 1957-58 and 1958-59.....	1 000 00
27. Federal Land Bank of St. Louis, St. Louis, Missouri: two scholarships, \$500 each, in agriculture for freshman students, academic year 1958-59.....	1 000 00

28. Mr. and Mrs. Forrest L. Forsythe, Chicago: for the Robert Wade Forsythe Memorial Scholarship in architecture, academic year 1957-58.....	300 00
29. Foundry Educational Foundation, Cleveland, Ohio: scholarships in mechanical engineering, academic year 1957-58.....	1 000 00
30. Harrison Jules Louis Frank and Leon Harrison Frank Memorial Corporation, Detroit, Michigan: scholarship in electrical engineering, academic year 1957-58.....	500 00
31. Fribourg Foundation, Inc., New York, New York: two scholarships, \$500 each, in grain marketing, academic year 1957-58.....	1 000 00
32. General Electric Educational and Charitable Fund, Schenectady, New York: scholarships.....	350 00
33. General Motors Corporation, Detroit, Michigan: scholarships under the General Motors "College Plan," academic year 1957-58....	10 400 00
34. Illini Union Student Activities (from proceeds of High School Circus): scholarships, academic year 1957-58.....	183 39
35. Illiniweks, Chicago (the Illiniweks is a Chicago organization of recent alumni of the University): scholarship for a junior or senior student from the Chicago area who is active in campus affairs...	290 00
36. Illinois Association for the Crippled: scholarship in occupational therapy.....	1 500 00
37. Illinois Congress of Parents and Teachers: two scholarships, \$2,000 each, one for any field of teacher training and one for preparation to teach the mentally handicapped.....	4 000 00
38. Illinois Federation of Women's Clubs, Third District: scholarships in occupational therapy.....	2 546 78
39. Illinois Mining Institute: two scholarships, \$400 each, in mining engineering.....	800 00
40. Illinois Occupational Therapy Association: scholarship in occupational therapy.....	250 00
41. Illinois State Federation of Labor: two scholarships, \$500 each, one for Cook County and the other for downstate Illinois.....	1 000 00
42. Illinois State Restaurant Association, Springfield: scholarship in restaurant management.....	200 00
43. International Nickel Company, Inc., New York, New York: scholarships in mining or metallurgical engineering or geology.....	1 000 00
44. International Telephone and Telegraph Corporation, New York, New York: Two scholarships, \$750 each, in engineering physics and in electrical engineering, academic year 1957-58.....	1 500 00
Four scholarships, \$750 each, in engineering physics and in electrical engineering, academic year 1958-59.....	3 000 00
45. Junior Women's Advertising Club of Chicago: scholarship for two women students in the advertising program of the College of Journalism and Communications.....	450 00
46. Kennecott Copper Corporation, New York, New York: scholarships in chemical engineering.....	4 000 00
47. David Kinley Educational Foundation, Barrington, Illinois: scholarship in the College of Commerce and Business Administration...	1 500 00
48. Kroger Company, Cincinnati, Ohio: six scholarships, \$250 each, in agriculture and home economics.....	1 500 00
49. Captain James M. Lane, Columbus, Ohio, former Professor of Naval Science and Tactics at the University of Illinois: scholarship for academic years 1957-58 (\$400) and 1958-59 (\$500).....	900 00
50. Linde Air Products Company, a Division of Union Carbide and Carbon Corporation, New York, New York: two scholarships in mechanical engineering, academic year 1957-58.....	600 00
51. Lions Clubs in the Chicago area: scholarships for students training to teach handicapped children.....	3 000 00
Logan Square Lions Club, Chicago.....	\$700 00
LaGrange Lions Club, LaGrange, Illinois.....	700 00
Central, the Mother Club of Lions International, Chicago	500 00
Lyons Lions Club, Lyons, Illinois.....	500 00

South East Lions Club, Chicago.....	375 00
Other Lions Clubs of Chicago.....	225 00
52. Magnavox Company, Fort Wayne, Indiana: six scholarships, \$500 each, four in electrical engineering and two in mechanical engineering, academic year 1957-58.....	3 000 00
53. Meredith and Patricia Mallory, San Antonio, Texas: for the Mallory Scholarships	5 000 00
54. Mr. Thomas J. Martin, Seattle, Washington: to add to the general undergraduate scholarship fund.....	25 00
55. Mississippi Valley Structural Steel Company, St. Louis, Missouri: two scholarships in architectural engineering, \$300 each, and two scholarships in civil engineering, \$300 each, academic year 1957-58..	1 200 00
56. Colonel Robert H. Morse Foundation, Chicago: six scholarships, \$500 each, for juniors and seniors in engineering, academic year 1957-58.....	3 000 00
57. Mother's Association, University of Illinois: scholarships.....	600 00
58. National Merit Scholarship Corporation, Evanston, Illinois: for scholarship assistance	1 950 00
59. Nonacademic Employees' Council, University of Illinois, Urbana: scholarship for the son or daughter of a nonacademic employee on the Urbana campus.....	250 00
60. Old Ben Coal Company, Chicago: scholarship in mining engineering	500 00
61. Owens-Corning Fiberglas Corporation, Toledo, Ohio: scholarships in engineering, academic year 1957-58.....	1 500 00
62. Owens Illinois Glass Company, Toledo, Ohio: scholarship in engineering, academic year 1957-58.....	1 850 00
63. Pennsylvania Glass Sand Corporation, Pittsburgh, Pennsylvania: scholarship in ceramic engineering, academic year 1957-58.....	150 00
64. Phi Chi Theta, University of Illinois: to add to the Hiram T. Scovill scholarship account.....	12 95
65. Phi Mu Alpha-Sinfonia, music fraternity: for the William G. Hill Memorial Scholarship in music.....	100 00
66. Pi Kappa Lambda, music fraternity: for the F. B. Stiven Memorial Scholarship in music.....	600 00
67. Pittsburgh Consolidation Coal Company, Library, Pennsylvania: scholarship in chemical engineering, academic year 1958-59.....	500 00
68. The Presser Foundation, Philadelphia, Pennsylvania: scholarship in music, academic year 1957-58.....	350 00
69. Procon Inc., Des Plaines, Illinois: scholarship in engineering, academic years 1957-58 and 1958-59.....	1 000 00
70. Radio Corporation of America, Princeton, New Jersey: for the undergraduate scholarship fund.....	100 00
71. Ralston Purina Company, St. Louis, Missouri: scholarship in agriculture, academic year 1957-58.....	500 00
72. Rock Island County Mothers Association: scholarship for a student attending the University from the metropolitan area of Rock Island, Moline, East Moline, and Silvis.....	130 00
73. Sahara Coal Company, Inc., Chicago: a four-year scholarship, \$500 a year, in coal mining engineering.....	2 000 00
74. Bequest of Edward H. Schlader: to add to the Schlader Memorial Scholarships in engineering and architecture.....	7 523 58
75. The Scully Foundation, Chicago: scholarship in mechanical or industrial engineering, academic year 1958-59.....	300 00
76. Sears-Roebuck Foundation, Chicago: scholarships in agriculture (\$3,625) and in home economics (\$800), academic year 1957-58....	4 425 00
77. Alfred P. Sloan Foundation, Inc., New York, New York: to provide annual stipends for five Alfred P. Sloan National Scholars, the amount here indicated representing the second payment of the two-year period beginning 1957-58 and the first payment of the two-year period beginning 1958-59.....	7 000 00
78. Square D Company, Detroit, Michigan: scholarships in electrical engineering.....	1 200 00

79. Stonefort Corporation, Indianapolis, Indiana: for a four-year scholarship, \$500 a year, in mechanical, civil, electrical, mining, or general engineering, beginning September, 1958.....	500 00
80. Student Organizations, University of Illinois: scholarships.....	1 500 00
81. Student Senate, University of Illinois: \$1,000 for the Student Senate Scholarship Fund, and \$1,000 for the Student Senate Loan Fund.....	2 000 00
82. The Texas Company, New York, New York: a scholarship for a freshman student, academic year 1957-58; this includes \$100 to the department of the student's major study.....	275 00
83. Tomahawk Fraternity, national sophomore activity honorary, University of Illinois Chapter: scholarship for a male student.....	100 00
84. Truck Line, Inc., Toledo, Ohio: Beatrice Keeshin Scholarship, academic year 1958-59.....	500 00
85. Union Carbide Chemicals Company, Division of Union Carbide Corporation, South Charleston, West Virginia: for the Union Carbide Engineering Scholarship, awarded to a student in chemical engineering, academic year 1957-58.....	600 00
86. United States Rubber Company, New York, New York: scholarships, academic years 1957-58 and 1958-59.....	3 800 00
87. Universal Oil Products Company, Des Plaines, Illinois: scholarships in chemical engineering, academic year 1958-59; this includes a grant of \$500 to the Department of Chemistry and Chemical Engineering to help defray increased costs of educating students.....	1 500 00
88. Mr. Ronald E. Wales, Lockport, Illinois: to be added to the Undergraduate Scholarship Fund.....	210 00
89. Western Electric Company, Chicago: three scholarships in engineering, academic year 1957-58.....	1 200 00
90. Westinghouse Electric Corporation, East Pittsburgh, Pennsylvania: for the Westinghouse Air Arm Division scholarships in engineering, academic year 1957-58.....	1 500 00
91. Zeta Tau Alpha Foundation, Evanston, Illinois: for the Zeta Tau Alpha Scholarship in honor of Shirley Kresan Strout, to be awarded to a woman student in the College of Journalism and Communications.....	250 00
92. Agricultural Institute, Washington, D.C.: for the Robert R Hudelson Student Fund.....	100 00
93. Alfred S. Alschuler, Jr., Chicago: to the Department of Architecture for an award to a student in architecture.....	25 00
94. The American Assembly, Columbia University, New York, New York: for a conference on problems of Illinois state government..	2 750 00
95. 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
96. The Babcock and Wilcox Company, New York, New York: for University use in engineering and technical education, being part of an over-all aid-to-education appropriation apportioned on the basis of the number of University of Illinois graduates currently employed by the Babcock and Wilcox Company.....	1 300 00
97. Collins Foundation, Cedar Rapids, Iowa: to the College of Engineering to supplement the income of a part-time instructor or graduate assistant who is working for the Ph.D. degree.....	1 500 00
98. Creole Foundation, New York, New York: unrestricted grant for educational programs.....	1 000 00
99. Educational Television and Radio Center, Ann Arbor, Michigan: to Station WILL for the production of a series of radio programs on "The Composer in the World of Today".....	1 200 00
100. Dr. Arthur L. Ennis, Decatur, Illinois: for the Dr. and Mrs. Arthur L. Ennis Student Loan Fund.....	100 00
101. Farmer City Grain Company, Farmer City, Illinois: to support extension work in the Department of Agronomy.....	750 00

102. The Farm Foundation, Chicago: to the Department of Agricultural Economics for a legal-economics symposium held at the University of Illinois the week of June 16, 1958.....	800 00
103. The Ford Foundation, New York, New York: to the University of Illinois Press to stimulate scholarly publication in the humanities and the social sciences.....	5 430 00
104. General Motors Corporation, Detroit, Michigan: an unrestricted grant for general University expense in recognition of the services of University officers in connection with the General Motors National Scholarship program.....	1 000 00
105. The Glidden Company, Cleveland, Ohio: to the Department of Chemistry and Chemical Engineering for the Glidden Company Lecture in Chemistry.....	500 00
106. Government of France: to assist outstanding students in their studies in French.....	200 00
107. Illinois Dairy Products Association, Inc.: to the Department of Dairy Science in support of its cream quality program.....	6 184 21
108. The Illinois Seed Dealers Association, Sullivan, Illinois: to the Department of Agronomy for operating expenses of an exhibit trailer purchased a few years ago with a gift from this association	1 000 00
109. Importer's Association, Inc., Chicago: an award to an undergraduate student for the best 5,000-word essay on "Import Potentialities of the Midwest".....	500 00
110. The Indiana Limestone Institute, Bedford, Indiana: prizes to three undergraduate students in architecture.....	1 000 00
111. Institute of Life Insurance, New York, New York: for a summer workshop in education in family finance.....	6 371 02
112. Kappa Tau Alpha, national honorary society in journalism: an annual monetary award to graduating senior members of the society as a memorial to the late Harold Roettger, a 1935 graduate of the University.....	2 000 00
113. Mrs. Nora Kasdon, Honolulu, Hawaii: to be added to the student loan funds	50 00
114. The W. K. Kellogg Foundation, Battle Creek, Michigan: For operating costs of the International Conference of Agricultural Economists.....	14 500 00
For the National Association of Educational Broadcasters in support of educational broadcasting.....	48 786 00
115. Kivett and Myers and McCallum, Kansas City, Missouri: for an award to a student in architecture.....	100 00
116. Lawyers Title Insurance Company, Richmond, Virginia: the company's annual award to a senior law student for excellence in scholarship.....	100 00
117. League of Choreographers and Composers of Springfield, Illinois: for a student loan fund.....	300 00
118. Estate of Jennie M. Long: for the assistance of students in the Department of Architecture.....	30 514 23
119. Magnolia Petroleum Company and its parent company, Socony Mobil Company, Dallas, Texas: for purchase of nuclear magnetic and electronic resonance supplies and equipment for the Department of Physics.....	2 500 00
120. Maize Genetics Cooperation: to the Department of Botany for the cost of publication of the Maize Genetics Cooperation Newsletter..	465 00
121. Nonacademic Employees' Council, University of Illinois: for service awards to employees.....	450 00
122. Perkins and Will, Chicago: an unrestricted grant to the Department of Architecture.....	1 500 00
123. Rohm and Haas Company, Philadelphia, Pennsylvania: for purchase of equipment for the Department of Chemistry and Chemical Engineering.....	5 000 00
124. Skidmore, Owings, and Merrill, Chicago: for a prize in architecture.....	500 00
125. Tau Delta Tau: to be added to the student short-term loan fund..	5 00

126. From the donors listed for urban 4-H Club work:.....	18 886 00
B. S. Adamowski, Chicago.....	\$ 10 00
Arthur Baum, Chicago.....	100 00
Burridge D. Butler Memorial Trust.....	1 000 00
J. B. Clark, New York, New York.....	10 000 00
Commonwealth Edison Company, Chicago.....	500 00
Marjorie Dick	1 00
R. A. Ebersole, Chicago.....	100 00
Gage Food Products Company, Chicago.....	50 00
Philip Hampson, Chicago.....	3 000 00
Sears-Roebuck Foundation, Chicago.....	4 000 00
Ty Thompson, Chicago.....	100 00
Kenneth Virch, Chicago.....	25 00
127. From the following donors for the Park Forest, Illinois, 4-H Club work:	
Park Forest Womans Club.....	134 02
Skyline Engineering Corporation, Park Forest.....	20 00
128. From various donors: to add to the Women's Student Aid Fund..	2 254 50
129. From various donors: to the Department of Mining and Metallurgical Engineering for metallurgical publications.....	260 00
130. From various donors: for the International Conference of Agricultural Economists	13 336 04
131. WCIA, Midwest Television, Inc., Champaign, Illinois: to the Extension Editor's Office, College of Agriculture, to continue the development of agricultural and consumer-information television programs.....	3 000 00
132. Wheaton First Presbyterian Church, Wheaton, Illinois: contribution to McKinley Hospital.....	30 00
<i>Total, Undergraduate Scholarships, Prizes, and Other Financial Aids</i>	<i>\$317 556 32</i>

Funds for Graduate Fellowships and Research

133. Abbott Laboratories, North Chicago: renewal of the Roger Adams Fellowship in inorganic chemistry, academic year 1958-59.....	\$ 2 300 00
134. Allegheny Ludlum Steel Corporation, Brackenridge, Pennsylvania: renewal of a fellowship in physics, academic year 1958-59.....	4 000 00
135. Allied Chemical and Dye Corporation, Nitrogen Division, Hopewell, Virginia: renewal of a fellowship in chemistry, academic year 1957-58	2 180 00
136. American Cyanamid Company, New York, New York: renewal of a fellowship in chemistry and chemical engineering, academic year 1957-58	2 936 00
137. American Oil Company, Texas City, Texas: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59.	2 500 00
138. American Philosophical Association: fellowship in philosophy, academic year 1957-58.....	3 733 34
139. Archer-Daniels-Midland Company, Minneapolis, Minnesota: renewal of a fellowship in food technology, academic year 1957-58...	1 600 00
140. Armco Steel Corporation, Middletown, Ohio: renewal of a fellowship in ceramic engineering, academic year 1958-59.....	2 550 00
141. Automotive Safety Foundation, Washington, D.C.: fellowship in civil engineering, academic year 1957-58.....	2 000 00
142. Bendix Aviation Corporation, Detroit, Michigan: fellowship in engineering, academic year 1957-58.....	3 000 00
143. The California Company, New Orleans, Louisiana: renewal of a fellowship in geology, academic year 1958-59.....	2 250 00
144. Continental Oil Company, Ponca City, Oklahoma: fellowship in mathematics, academic year 1957-58.....	2 500 00
145. Corning Glass Works Foundation, Corning, New York: renewal of a fellowship in physics, academic year 1957-58.....	3 536 00
146. The Dow Chemical Company, Midland, Michigan: renewal of two fellowships, \$2,500 each, in chemistry and chemical engineering, academic years 1957-58 and 1958-59.....	10 000 00

147.	E. I. Du Pont de Nemours and Company, Wilmington, Delaware: Renewal of a postgraduate teaching assistantship in chemistry, academic year 1957-58.....	3 500 00
	Renewal of a postgraduate fellowship in biochemistry in the Department of Bacteriology, academic year 1957-58.....	3 925 00
	Renewal of a fellowship in chemical engineering.....	3 480 00
148.	Esso Research and Engineering Company, Linden, New Jersey: Fellowship in civil engineering, academic year 1957-58.....	3 350 00
	Postdoctoral fellowship in chemistry, academic years 1957-58 and 1958-59.....	11 000 00
149.	Ethyl Corporation, Ferndale, Detroit, Michigan: renewal of a fellowship in chemistry and chemical engineering, academic year 1957-58.....	2 186 00
150.	The Firestone Tire and Rubber Company, Akron, Ohio: renewal of a fellowship in chemistry, academic year 1957-58.....	2 036 00
151.	The Ford Foundation, New York, New York: Faculty research fellowship in economics, \$12,734, and three predoctoral fellowships in business administration, \$2,900, \$3,880, and \$3,170, academic year 1957-58.....	22 684 00
	Postdoctoral fellowship for a study of the education of exceptional children, academic year 1957-58.....	15 000 00
152.	General Electric Company, Schenectady, New York: Fellowship in ceramics, academic year 1957-58.....	3 700 00
	Renewal of a fellowship in economics, academic year 1957-58.....	3 650 00
	Renewal of a fellowship in engineering, in the field of communication and control, academic year 1957-58.....	4 675 00
	Renewal of a fellowship in physics, academic year 1957-58.....	4 050 00
	Renewal of a fellowship in chemistry, academic year 1957-58.....	4 850 00
153.	The General Foods Fund, Inc., New York, New York: renewal of two fellowships, \$3,000 each, in home economics, academic year 1958-59, and a grant of \$1,000 to the Department of Home Economics.....	7 000 00
154.	General Paving Foundation, Champaign, Illinois: a fellowship in theoretical and applied mechanics, second semester, academic year 1957-58.....	1 750 00
155.	Gulf Research and Development Company, Pittsburgh, Pennsylvania: renewal of a fellowship in physics, academic year 1958-59..	3 036 00
156.	Haloid Company, Rochester, New York: renewal of a fellowship in physics, academic year 1958-59.....	2 500 00
157.	Hammond Lead Products, Inc., Hammond, Indiana: renewal of a fellowship in ceramic engineering, academic year 1957-58.....	2 000 00
158.	Illinois Clay Products Company, Joliet, Illinois: renewal of two fellowships in geology, academic year 1957-58.....	4 000 00
159.	Inland Steel Foundation, Inc., Chicago: renewal of a fellowship in mining and metallurgical engineering, academic year 1957-58....	3 600 00
160.	International Nickel Company, Inc., New York, New York: fellowship for the training of teachers of science and mathematics, academic year 1957-58.....	4 000 00
161.	Johnson and Johnson, New Brunswick, New Jersey: renewal of a fellowship in chemistry, academic year 1957-58.....	2 000 00
162.	Kaiser Aluminum and Chemical Corporation, Oakland, California: renewal of a fellowship in architecture, academic year 1958-59, including an unrestricted grant to the Department of Architecture for \$750 and \$200 for payment of the tuition and fees for the 1957-58 fellow	2 650 00
163.	LaSalle Steel Foundation, Chicago: fellowship in theoretical and applied mechanics, academic year 1957-58.....	2 486 00
164.	Eli Lilly and Company, Indianapolis, Indiana: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59.....	2 500 00
165.	The Lubrizol Foundation, Cleveland, Ohio: renewal of a fellowship in organic chemistry, academic year 1958-59.....	3 000 00
166.	Midwest Pharmaceutical Advertising Club, Lafayette, Indiana: fellowship in marketing, academic year 1958-59.....	1 500 00

167.	Minneapolis-Honeywell Regulator Company, Brown Instrument Division, Philadelphia, Pennsylvania: renewal of a fellowship in engineering or the physical sciences, academic year 1958-59.....	2 500 00
168.	Minnesota Mining and Manufacturing Company, St. Paul, Minnesota: renewal of fellowships in chemistry and chemical engineering, academic year 1958-59.....	4 000 00
169.	Monsanto Chemical Company, St. Louis, Missouri: renewal of two fellowships in chemistry and chemical engineering, academic year 1957-58.....	6 000 00
170.	Motorola, Inc., Chicago: renewal of the Paul V. Galvin Fellowship in electrical engineering, academic year 1957-58.....	2 500 00
171.	National Distillers and Chemical Corporation, New York, New York: a fellowship in chemistry, \$2,050, and a fellowship in chemical engineering, \$2,350, academic year 1958-59.....	4 400 00
172.	National Lead Company: Baroid Division, Houston, Texas: renewal of a fellowship in geology, academic year 1958-59.....	2 400 00
	Titanium Alloy Manufacturing Division, Niagara Falls, New York: renewal of fellowship in ceramic engineering, academic year 1958-59	2 000 00
173.	National Petro-Chemicals Corporation, Tuscola, Illinois: two fellowships, one in organic chemistry and one in chemical engineering, academic year 1957-58.....	4 000 00
174.	Ohio Oil Company, Littleton, Colorado: summer session fellowships in geology.....	1 000 00
175.	The Edward Orton, Jr. Ceramic Foundation, Columbus, Ohio: renewal of two fellowships in ceramic engineering, academic year 1957-58.....	3 600 00
176.	Owens-Corning Fiberglas Corporation, Newark, Ohio: renewal of a fellowship in ceramic engineering, academic year 1957-58....	1 700 00
177.	Parke-Davis and Company, Detroit, Michigan: renewal of a fellowship in biochemistry, academic year 1958-59.....	2 250 00
178.	Chas. F. Pfizer and Company, Inc., Brooklyn, New York: renewal of a fellowship in chemistry, academic year 1958-59.....	5 000 00
179.	Phillips Petroleum Company, Bartlesville, Oklahoma: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59	2 500 00
180.	Pittsburgh Consolidation Coal Company, Library, Pennsylvania: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59.....	2 450 00
181.	The Procter and Gamble Company, Cincinnati, Ohio: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59.....	3 486 00
182.	Pure Milk Association, Chicago: renewal of American Dairy Association Fellowship in food technology, academic year 1957-58	1 500 00
183.	Radio Corporation of America, Princeton, New Jersey: renewal of a fellowship in electrical engineering, academic year 1957-58....	3 036 00
184.	Research Corporation, New York, New York: renewal of fellowships in biochemistry, academic year 1958-59.....	5 000 00
185.	Rockefeller Foundation, New York, New York: renewal of a fellowship in microbiology, academic year 1957-58.....	2 437 56
186.	Rohm and Haas Company, Philadelphia, Pennsylvania: renewal of a fellowship in chemistry and chemical engineering, academic year 1957-58	2 000 00
187.	Katharine L. Sharp Fellowship Fund: continuation of a fellowship in library science.....	600 00
188.	Shell Companies Foundation, Inc., New York, New York: renewal of fellowships in chemical engineering and geology, academic year 1957-58.....	4 536 00
189.	Sinclair Refining Company, New York, New York: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59.....	2 500 00

190.	Socony Mobil Oil Company, Inc., Paulsboro, New Jersey: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59.....	3 336 00
191.	Sperry Gyroscope Company, Great Neck, New York: renewal of a fellowship in electrical engineering, academic year 1958-59.....	2 500 00
192.	Standard Oil Company of California, San Francisco, California: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59, and an unrestricted grant of \$750 to the Department of Chemistry and Chemical Engineering.....	2 786 00
193.	Standard Oil Company, Cleveland, Ohio: renewal of the Sohio Fellowship in chemistry and chemical engineering, academic year 1957-58.....	2 500 00
194.	Standard Oil Foundation, Inc., Chicago: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59....	2 500 00
195.	Tau Chapter of Zeta Phi Eta: fellowship in speech.....	500 00
196.	Television Shares Management Corporation, Chicago: renewal of a fellowship in electronics, academic year 1958-59.....	2 000 00
197.	The Texas Company, Beacon, New York: renewal of a fellowship in chemistry, academic year 1958-59.....	2 500 00
198.	TI-GSI Foundation (Texas Instruments Inc., Geophysical Service, Inc.), Dallas, Texas: renewal of a fellowship in physics, academic year 1958-59	2 666 00
199.	Toms River-Cincinnati Chemical Corporation, Cincinnati, Ohio: renewal of a fellowship in chemistry and chemical engineering, academic year 1957-58.....	1 586 00
200.	The Trane Company, LaCrosse, Wisconsin: renewal of a fellowship in mechanical engineering, academic year 1958-59.....	2 000 00
201.	Union Carbide and Carbon Corporation: National Carbon Company, Cleveland, Ohio: renewal of a fellowship in physics, academic year 1957-58.....	3 300 00
	Electro Metallurgical Company, Niagara Falls, New York: renewal of a fellowship in mining and metallurgical engineering, academic year 1957-58.....	3 300 00
	Bakelite Company, Bloomfield, New Jersey: renewal of a fellowship in chemistry and chemical engineering, academic year 1957-58.	3 036 00
202.	United States Rubber Company Foundation, New York, New York: renewal of a predoctoral fellowship in pure chemistry, academic year 1957-58.....	3 300 00
203.	United States Steel Foundation, Inc., Pittsburgh, Pennsylvania: additional stipend for the 1957-58 fellow in physics.....	600 00
204.	Universal Match Corporation, St. Louis, Missouri: renewal of a fellowship in chemistry and chemical engineering, second semester, academic year 1957-58.....	1 250 00
205.	Victor Chemical Works, Chicago: renewal of a fellowship in chemistry, academic year 1957-58.....	2 000 00
206.	Westinghouse Educational Foundation, Pittsburgh, Pennsylvania: renewal of a fellowship in electrical engineering, academic year 1957-58.....	2 500 00
207.	World University Service: fellowship in chemistry, academic year 1957-58.....	375 00
208.	Abbott Laboratories, North Chicago: To the Department of Animal Science for studies on the effects of arsanic acid in reproduction in swine.....	1 200 00
	To the Department of Physiology for research on calcium utilization.....	2 500 00
209.	Allied Chemical and Dye Corporation, New York, New York: To the Department of Agronomy for a study of nitrogen mobility. To the Department of Animal Science for a study of ruminant nutrition.....	2 500 00 2 000 00
210.	Aluminum Company of America: to the Department of Agricultural Engineering for a study of farm structures.....	2 500 00
211.	American Cancer Society, Inc., New York, New York: To the Department of Bacteriology for studies on viruses.....	37 013 54

To the Department of Botany for a study of plant tumors incited by virus		1 236 94
To the Department of Electrical Engineering for research.....		6 551 44
212. American Chemical Society, Washington, D.C.: to the Department of Chemistry and Chemical Engineering for:		
A study of polar effects in the transition states of free radical displacements.....		5 850 00
Angle-strain on reactivity mechanism research.....		6 050 00
Fundamental research in petroleum field.....		17 250 00
213. American Cyanamid Company, New York, New York:		
To the Department of Agronomy for a study of weed control....		1 000 00
To the Department of Plant Pathology for studies on fungicides..		3 000 00
214. American Dairy Association of Illinois, Inc., Chicago: to the Department of Food Technology for research on substitute fats, dietary butterfat, glycerides butterfat, and milk fat ratio.....		15 000 00
215. American Potash Institute, Inc.: to the Department of Agronomy for a study of N. K. balances.....		2 000 00
216. American Society of Heating and Air Conditioning Engineers, Inc.: to the Department of Mechanical Engineering for research on hot water venting.....		2 200 00
217. American Society of Refrigerating Engineers, New York, New York: to the Physical Environment Unit of the Graduate College for a study of temperature, humidity, and air velocity for comfort and semi-comfort of industrial workers.....		1 000 00
218. Armour and Company, Chicago:		
To the Department of Animal Science for research on feed utilization.....		4 000 00
To the Department of Food Technology for studies on fatty acids.		6 000 00
219. Association of American Railroads: to the Department of Civil Engineering for a study of roadbed stabilization.....		2 000 00
220. Association of American Railroads and American Iron and Steel Institute: to the Department of Theoretical and Applied Mechanics for a study of failures in railroad rails.....		24 250 00
221. Association of American Soap and Glycerine Producers, Inc.: to the Department of Civil Engineering for research on water treatment.....		3 500 00
222. The Association of Illinois Electric Cooperatives, Springfield, Illinois: to the College of Agriculture for studies on advancing the efficient, safe, and economic use of electricity on Illinois farms.		3 535 00
223. Battle Creek Equipment Company: to the Department of Physical Education for Men for a study of trim machines.....		1 200 00
224. Bendix Aviation Corporation, Detroit, Michigan: to the Department of Ceramic Engineering for research.....		12 700 00
225. Alfred Benesch and Associates, Chicago: to the Department of Civil Engineering for the A. L. Thomas Research Fund.....		1 000 00
226. Boeing Airplane Company: to the Department of Electrical Engineering for research on antennas.....		11 068 53
227. The Carle Foundation, Urbana, Illinois: to the Department of Physiology for research in thoracic surgery.....		500 00
228. Carnation Milk Company: to the Department of Home Economics for a study of dried milk.....		1 985 06
229. Carnegie Corporation, New York, New York: to the Library and Library School for West African library survey.....		2 283 00
230. Chicago Bridge and Iron Foundation, Chicago: to the Department of Civil Engineering for a research assistantship.....		7 000 00
231. Chicago Fly Ash Company: to the Department of Civil Engineering for research.....		3 000 00
232. Commercial Solvents Corporation:		
To the Department of Agronomy for a study of the effect of gibberellin in the yield, protein content, and ear shoot development in corn.....		7 000 00
To the Department of Animal Science for a study of vitamins in hog rations		3 000 00

233. Commonwealth Edison Company and Northern Illinois Gas Company: to the Department of Electrical Engineering for research..	9 132 13
234. Consolidated Electrodynamics Corporation: to the Department of Ceramic Engineering for research on the properties of glass.....	2 000 00
235. Corn Products Refining Company, Chicago: to the Department of Animal Science for a study of growth factors in baby pigs.....	1 500 00
236. Creole Petroleum Corporation, New York, New York: to the Department of Civil Engineering for research in soil mechanics...	5 600 00
237. Crop Hail Insurance Association: to the State Water Survey for a study of hail storms.....	10 000 00
238. Curtiss Improved Stud Service, Inc., Cary, Illinois: to the Department of Dairy Science for studies in artificial insemination.....	2 500 00
239. Dawes Laboratories, Inc.: to the Department of Animal Science for research	1 800 00
240. The DeKalb Agricultural Association, Inc., DeKalb, Illinois: to the Department of Agronomy for studies on dwarf corn.....	2 500 00
241. The Dow Chemical Company, Midland, Michigan: to the Department of Agronomy for studies on chemical weed control.....	500 00
242. E. I. Du Pont de Nemours and Company, Wilmington, Delaware: to the Department of Chemistry for fundamental research, academic year 1958-59.....	15 000 00
243. Educational Television and Radio Center, Ann Arbor, Michigan: to the Institute of Communications Research for a study of verbal behavior effects of television on pre-school children.....	4 750 00
244. The Engineering Foundation: to the Department of Civil Engineering for studies of alloy steels, fatigue data, and structural joints.....	34 000 00
245. Flint, Eaton, and Company, Decatur, Illinois: to the Department of Physiology for studies on iron metabolism.....	3 116 16
246. The Ford Foundation, New York, New York: To the Bureau of Economic and Business Research for a study of family savings	85 000 00
To the Department of Sociology and Anthropology for research on the effectiveness of the federal correctional system.....	78 037 00
To the Department of Sociology and Anthropology for a study of regularities of socio-economic change in economically developing societies.....	55 506 00
To the Institute of Labor and Industrial Relations for a study of Japanese labor history.....	7 718 00
247. Forest Park Foundation, Peoria, Illinois: to the Institute of Labor and Industrial Relations for a study of economic problems of older workers in the Peoria area.....	8 500 00
248. Foundry Educational Foundation: to the Department of Mechanical Engineering for fundamental research.....	250 00
249. The Geigy Chemical Corporation, Ardsley, New York: To the Department of Agronomy for studies on chemical weed control.....	300 00
To the Department of Agronomy for soil research.....	1 500 00
250. The Goodyear Tire and Rubber Company: to the Department of Chemistry and Chemical Engineering for research on polymers...	2 000 00
251. Grace Chemical Company: to the Department of Animal Science for a study of nitrogen in sheep nutrition.....	2 500 00
252. Griffin Wheel Company: to the Department of Ceramic Engineering for research on steel casting.....	9 000 00
253. Illinois Association of Tobacco Distributors, Inc.: to the Bureau of Business Management for a study of tobacco products.....	3 000 00
254. Illinois Farm Electrification Council: to the College of Agriculture for studies on advancing the efficient, safe, and economic use of electricity on Illinois farms.....	11 890 00
255. The Illinois Farm Supply Company, Chicago: To the Department of Animal Science for studies in swine, poultry, and animal nutrition.....	1 800 00
To the Department of Dairy Science for studies in dairy cattle feeding and nutrition.....	600 00

256. Illinois Heart Association:	
To the Department of Food Technology for a study of dietary cholesterol.....	6 000 00
To the Department of Physiology for research.....	4 500 00
257. Illinois Liquid Fertilizer Association: to the Department of Agronomy for field trials.....	1 000 00
258. Illinois Seed Producers Association, Inc.: to the Department of Agronomy for a study of the production characteristics of hybrid corn.....	9 000 00
259. Institute of Boiler and Radiator Manufacturers: to the Department of Mechanical Engineering for a study of steam and water heating.	31 200 00
260. International Mineral and Chemical Corporation: to the Department of Agronomy for a study of rock phosphate.....	2 000 00
261. Johnson Service Company: to the Department of Mechanical Engineering for research.....	250 83
262. The Kretschmer Wheat Germ Corporation, Carrolltown, Michigan: to the Department of Physical Education for Men for studies of wheat germ oil.....	2 500 00
263. Lumber Dealers Research Council: to the Small Homes Council for research on roof panels.....	6 362 19
264. Malting Barley Improvement Association, Milwaukee, Wisconsin: to the Department of Agronomy for studies of barley improvement	300 00
265. Mayflower Warehousemen's Association, Indianapolis, Indiana: to the Bureau of Business Management for a study of salesmen compensation plans	3 450 00
266. McDonnell Aircraft Corporation: to the Department of Civil Engineering for research.....	13 589 22
267. Merck, Sharp, and Dohme Research Laboratories, Rahway, New Jersey:	
To the Department of Agronomy for a study of soybeans.....	6 000 00
To the Department of Chemistry and Chemical Engineering for fundamental research	1 500 00
To the Department of Animal Science for a study of growth stimulants in swine.....	2 500 00
268. Metropolitan Sanitary District of Greater Chicago: to the Department of Animal Science for a study of dried activated sewage sludge as a source of Vitamin B ₁₂	4 680 00
269. Midwest Agricultural Limestone Institute: to the Department of Agronomy for a study of soil management.....	500 00
270. Midwest Dried Milk Company, Inc.: to the Department of Animal Science for whey evaluation.....	2 600 00
271. Mrs. C. Philip Miller, Chicago: to add to the Mississippi Forest Trust Fund in support of forestry research.....	3 850 48
272. The Mink Farmers' Research Foundation, Inc., Milwaukee, Wisconsin: to the College of Veterinary Medicine for studies on virus enteritis in mink.....	4 500 00
273. Monsanto Chemical Company, St. Louis, Missouri:	
To the Department of Agronomy for studies of herbicidal action of chemical compounds.....	2 000 00
To the Department of Plant Pathology for studies of control of plant diseases	500 00
274. Moorman Manufacturing Company: to the Department of Animal Science for studies of poultry nutrition and pig rations.....	52 000 00
275. Arthur Murray Dance Studio, Champaign, Illinois: to the Department of Marketing, a fund to cover the expenses incurred in a class study project.....	500 00
276. Muscular Dystrophy Association of America, Inc.: to the Department of Animal Science for research.....	5 062 50
277. National Academy of Sciences: to the Department of Animal Science for studies and research.....	1 497 00
278. National Lead Company: to the Department of Chemistry and Chemical Engineering for research.....	9 601 00

279.	National Livestock and Meat Board: to the Department of Food Technology for a study of biological utilization of fatty acid isomers.....	8 500 00
280.	The National Vitamin Foundation, Inc., New York, New York: To the Department of Animal Science for studies of nutrition of baby pigs in relation to Vitamin B ₁₂ activity..... To the Department of Animal Science for research on Vitamin E function..... To the Radiocarbon Laboratory, Graduate College, for research on radioactive Vitamin A.....	2 000 00 5 000 00 5 318 00
281.	National Warm Air Heating and Air Conditioning Association: to the Department of Mechanical Engineering for a study of heating, ventilating, and air conditioning as related to warm air furnace heating	30 990 00
282.	Northern Illinois Breeding Association and Southern Illinois Breeding Association: to the Department of Dairy Science for research in artificial breeding.....	9 526 15
283.	The Northrup, King and Company, Minneapolis, Minnesota: to the Department of Agronomy for studies of dwarf corn.....	500 00
284.	Owens-Corning Fiberglas Corporation, Toledo, Ohio: to the Small Homes Council for a study of thermal comfort.....	12 450 00
285.	Paraffined Carton Research Council: to the Department of Food Technology for research on ice cream cartons.....	2 000 00
286.	Chas. F. Pfizer and Company, Inc., Brooklyn, New York: to the Department of Animal Science for studies of antibiotics in chick nutrition, \$1,200; vitamins in swine nutrition, \$4,000; and antibiotic mechanism, \$2,500.....	7 700 00
287.	The Pioneer Hi-Bred Corn Company, Princeton, Illinois: to the Department of Agronomy for an assistantship in basic corn research.....	5 000 00
288.	The Procter and Gamble Company, Cincinnati, Ohio: to the Department of Chemistry and Chemical Engineering for studies of egg yolk lipids, \$6,000, and wheat lipids, \$6,000.....	12 000 00
289.	The Quaker Oats Company: to the Department of Agronomy for a study of oat hybrids.....	2 000 00
290.	The Refrigeration Research Foundation, Chicago: to the Department of Food Technology for studies of the effects of refrigerated storage on the flavor and physico-chemical properties of milk, concentrated milk and cream, heated to sterilization and sub-sterilization temperatures, \$4,000; and studies of cold storage of irradiated foods, \$3,000.....	7 000 00
291.	Reinforced Concrete Research Council: To the Department of Civil Engineering for a study of floor slabs. To the Department of Theoretical and Applied Mechanics for a study of slab columns.....	20 000 00 7 500 00
292.	Research Corporation, New York, New York: to the Department of Chemistry and Chemical Engineering: For a study of metal halide addition compounds..... For a study of planar triphenylmethyl radicals and carbonium ions..... For research of synthesis and structures of complexes of phosphite esters..... For research of a new route to oxazolidines and tetrahydrol-1, 3-oxazines.....	2 350 00 2 633 00 2 457 00 812 00
293.	Rockefeller Foundation, New York, New York: To the Department of Agronomy for research on maize polyploids To the Department of Dairy Science for research in experimental biology..... To the Department of Entomology for research.....	6 961 00 13 253 66 20 620 61
294.	The Rohm and Haas Company, Philadelphia, Pennsylvania: to the Departments of Horticulture and Plant Pathology for fungicidal research	600 00

295. The Sanitary Milk Producers, St. Louis, Missouri: to the Department of Agricultural Economics for studies of the pricing and federal orders for milk.....	1	250 00
296. Shell Chemical Corporation: to the State Natural History Survey for research on insecticides.....	2	500 00
297. Slenderella, Stamford, Connecticut: to the Department of Zoology for research on fat distribution, deposition, and metabolism.....		159 74
298. Alfred P. Sloan Foundation, Inc., New York, New York: To the Division of Organic Chemistry for the researches of Dr. Roger Adams	49	200 00
To the Department of Physics for basic and fundamental research.....	74	228 00
To the Department of Mathematics for fundamental research.....	11	124 00
299. Smith, Kline, and French Laboratories: to the Department of Veterinary Research for research.....	5	000 00
300. Socony Mobil Oil Company, Inc., Paulsboro, New Jersey: to the Department of Chemistry and Chemical Engineering for research on metal coordination complexes.....	8	000 00
301. Soft Phosphate Research, Inc.: to the Department of Animal Science for a study of phosphate in swine nutrition.....	1	000 00
302. Stauffer Chemical Company: to the Department of Agronomy for a study of herbicides.....		500 00
303. Stevenson, Jordan, and Harrison, Inc., New York, New York: to the Department of Mechanical Engineering to support an investigation in the development of standard time values.....	1	050 00
304. T. A. B. Engineers, Inc.: to the College of Engineering for research on ultrasound in biology.....		675 00
305. Tee Pak Foundation: to the Department of Food Technology for research on meat deterioration.....	3	500 00
306. Union Carbide and Carbon Corporation, New York, New York: grants-in-aid to the Department of Chemistry and Chemical Engineering, \$300, and to the Department of Mechanical Engineering, \$200.....		500 00
307. United Cerebral Palsy Association, Inc.: to the Institute for Research on Exceptional Children for a study of language processes of pre-school cerebral palsied children.....	21	575 69
308. United States Industrial Chemicals Company: to the Department of Agronomy for research in soil chemistry.....	3	000 00
309. University of Pennsylvania, Philadelphia, Pennsylvania: to the Department of Bacteriology for research on soybeans.....		500 00
310. The Upjohn Company, Kalamazoo, Michigan: To the Department of Plant Pathology for research.....	6	000 00
To the Department of Chemistry and Chemical Engineering for research.....	5	700 00
311. Velsicol Chemical Corporation, Chicago: to the Department of Entomology for research on the toxicology of insecticides.....	2	500 00
312. VioBin Corporation, Monticello: To the Department of Animal Science for studies of wheat germ oil.....	1	375 00
To the Department of Animal Science for a study of nutrition in proteins and fats.....	1	650 00
To the Department of Animal Science for a study of nutrition in fishmeal.....		750 00
To the Department of Physical Education for Men for a study of physical fitness	4	800 00
313. Hiram Walker and Sons, Inc.: to the Department of Animal Science for research on dried solubles, \$720, and on fermentation products, \$1,000	1	720 00

Total, Funds for Graduate Fellowships and Research.....\$1 426 868 77

Research Contracts with United States Government

314. Air Force	\$988 983 27
315. Army Chemical Corps.....	2 334 49
316. Army Ordnance	162 554 18

317. Army Institute	1	466	75
318. Army Quartermaster Corps.....	19	099	11
319. Army Signal Corps.....	504	972	23
320. Army Surgeon General.....	95	072	64
321. Atomic Energy Commission.....	647	203	43
322. Bureau of Public Roads.....	22	638	92
323. Department of Agriculture.....	52	849	55
324. Department of Health, Education, and Welfare.....	67	115	76
325. Department of State.....	7	000	00
326. Engineering Center	47	429	66
327. Fifth Army		856	25
328. International Cooperation Administration.....	793	036	16
329. National Academy of Sciences.....	1	615	27
330. National Advisory Committee for Aeronautics.....	19	229	50
331. National Science Foundation.....	443	544	92
332. Naval Training Center.....	24	033	28
333. Navy Bureau of Aeronautics.....		341	78
334. Navy Bureau of Ships.....	306	986	09
335. Navy Ordnance	7	889	30
336. Office of Naval Research.....	794	821	74
337. Office of Vocational Rehabilitation.....	1	100	00
338. Public Health Service.....	636	849	02
339. Tennessee Valley Authority.....	5	034	23
<i>Total, Research Contracts with United States Government.</i>			
	\$6	654	057 53 ¹

Research and Public Service Contracts with State of Illinois Agencies

340. State Superintendent of Public Instruction.....	\$19	106	87
341. State Department of Public Welfare.....	70	143	68
342. State Department of Public Works and Buildings, Division of Highways.....	143	817	22
343. State Housing Board.....	3	000	00
344. Department of Registration and Education.....	6	537	81
345. Department of Public Safety.....	15	024	31

*Total, Research and Public Service Contracts with State of
Illinois Agencies*

\$257 629 89

Gifts of Equipment, Library Material, and Works of Art

346. Mr. Robert Allerton, Hawaii: to the College of Fine and Applied Arts, a watercolor painting, "Tony's Birthday," by Rainey Bennett.
347. The Art Institute, Chicago, Illinois: to the Department of Architecture, an exhibition entitled "Louis Sullivan and the Architecture of Free Enterprise."
348. Mr. and Mrs. Herman E. Cooper, New York, New York: to the College of Fine and Applied Arts, a painting, "The Cove," by Eugene Boudin (estimated value \$6,000).
349. Mrs. Louise E. Dexter, Carmel Valley, California: to the College of Fine and Applied Arts, a three-piece Victorian coffee service.
350. Mrs. Spencer Ewing, Captiva, Florida: to the College of Fine and Applied Arts, ten pieces of English eighteenth and early nineteenth century silver (estimated value \$960).
351. Illinois State Florists' Association: to the Department of Horticulture, laboratory equipment (value \$6,131.59).
352. Mr. Charles A. Kiler, Champaign, Illinois: to the College of Fine and Applied Arts, a painting, "The Holy Family," by Andrea del Sarto (estimated value \$500).
353. Mrs. Margaret Hallett Lang, Hancock, New Hampshire: to the College of Fine and Applied Arts, a marble portrait bust of Ann Eliza Hallett by Launt Thompson, dated 1861 (estimated value \$1,000).
354. The Metallizing Engineering Company, Inc., Chicago, Illinois: to the Department of Mechanical Engineering, one thermo spray gun,

¹In addition the University was reimbursed to the extent of \$632,029.60 for indirect costs including administration and physical plant expenses.

- one type PC cooler unit, one type PV vibrator, one type GF flow meter (estimated value \$800).
355. Mr. S. Pellman, Brooklyn, New York: a painting, "Mist Over the Orchard," by Ann Mittleman.
356. Portable Elevator Company, Bloomington, Illinois: to the College of Veterinary Medicine, a portable elevator (estimated value \$700).
357. Mr. Peter Rubel, Cos Cob, Connecticut: to the College of Fine and Applied Arts, a painting, "Homage to Charlemagne," by Georges Mathieu (estimated value \$6,000).
358. Mr. Solomon I. Sklar, New York, New York: a painting "Flower Shop #5," by Alma Schapiro.
359. Mr. Walter Stein, New York, New York: to the College of Fine and Applied Arts, a watercolor, "Still Life With Fruit," by Raoul Dufy (estimated value \$4,000).
360. Union Carbide and Carbon Corporation, New York, New York: to the Department of Mechanical Engineering, equipment (estimated value \$675).
361. United Aircraft Corporation, Windsor Locks, Connecticut: to the Department of Mechanical Engineering, an F-4D refrigeration unit in operating condition for cabin and electronic equipment cooling system (estimated value \$1,500).
362. Upjohn Company, Kalamazoo, Michigan: to the Department of Chemistry and Chemical Engineering, laboratory type lyophil drying apparatus (estimated value \$700).
363. Mr. Benjamin Weiss, New York, New York: to the College of Fine and Applied Arts, two paintings, "Rape of the Leaf," by Theodoros Stamos (estimated value \$600), and "St. Paul and Minneapolis," by Walter Quirt (estimated value \$900).
- Total, Colleges and Schools at Urbana-Champaign.....\$8 656 112 51*

Chicago Colleges

Scholarships, Prizes, and Other Financial Aids

364. American Medical Education Foundation: to the College of Medicine for medical education, as allocated by the Dean of the College. \$ 7 747 50
365. Associated Hospital Service of Illinois, Inc.: to the Department of Otolaryngology for photographic supplies..... 50 00
366. Bertha Berkelhamer: for the annual Doctor Ralph C. Berkelhamer Scholarship..... 100 00
367. Boll and Lewis Optical Company, Chicago: to the Department of Otolaryngology for photographic supplies..... 25 00
368. Central Committee of Nonacademic Employees: to the Office of the Vice-President to be used for the service recognition program. 200 00
369. Chicago Association of Orthodontists: to the Department of Orthodontics for research and educational programs..... 500 00
370. Chicago Dental Society, North Side Branch: to the College of Dentistry for an award to a student in dentistry who shows the greatest progress in rank during his four years of residency..... 100 00
371. Chicago Woman's Aid: to the Department of Audiology for the purchase of scientific journals for the Speech and Hearing Center. 80 00
372. Drama Club of Evanston: for a scholarship in the College of Medicine..... 500 00
373. E and J Manufacturing Company, Burbank, California: to the Department of Clinical Science supplementing previous grant for expenses for an exhibit on cardiorespiratory dynamics of controlled respiration, prepared for the American Medical Association convention..... 196 49
374. Anna Fuller Fund, New Haven, Connecticut: reimbursement for travel by Dr. Harris Busch to the International Cancer Conference in London..... 200 00
375. The Goldenrod Ice Cream Company, Chicago: to the College of Pharmacy, two undergraduate scholarships for students of pharmacy..... 400 00

376.	Humiston-Keeling and Company, Chicago: to the College of Pharmacy, two undergraduate scholarships for students of pharmacy.....	400 00
377.	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
378.	LAG Drug Company, Chicago: to the College of Pharmacy, undergraduate scholarship	200 00
379.	Dr. Felix Mooney, Bristol, Pennsylvania: for an annual scholarship in medicine.....	500 00
380.	National Fund for Medical Education: for an educational program to be administered by the Dean of the College of Medicine..	58 875 00
381.	From various donors to the Library Gift Fund in memory of Dr. Channing W. Barrett, former member of the faculty of the College of Medicine.....	160 00
	Berwyn Hospital Association.....\$ 50 00	
	Mr. R. Rea Esgar, Chicago.....	20 00
	Henrotin Hospital Nurses' Alumnae Association.....	25 00
	Dr. Abraham F. Lash.....	50 00
	Mr. Roy A. Sternaman.....	10 00
	Mr. A. W. Stoolman.....	5 00
382.	From various donors for the Occupational Therapy Gift Fund....	713 00
	Alpha Kappa Kappa Wives' Club, for the purchase of a bulletin board for the children's floor, Department of Orthopaedic Surgery	\$ 20 00
	American Federation of State, County, and Municipal Employees Local No. 1220 for music and recreational materials for patients.....	25 00
	Chicago Illinae Club.....	225 00
	The Congregational Church of Oak Park, Illinois.....	10 00
	Mrs. Herbert H. Green, Gibson City, Illinois.....	5 00
	Miss Alice Hallworth, Warrenville, Illinois.....	5 00
	Illinois Research Hospital Auxiliary from the Campaign campus	10 00
	Mrs. George Milles, Oak Park, Illinois, for purchase of radios for the Department of Pediatrics.....	50 00
	Stuart Lorange Memorial Foundation.....	263 00
	Women's Auxiliary of the Professional Colleges.....	100 00
383.	From various donors for the Orthopaedic Gift Fund.....	2 762 04
	Beverly Hills Junior Woman's Club.....\$ 75 00	
	Collison Surgical Engineering Company.....	178 19
	Edgebrook Lions Club.....	200 00
	Kappa Alpha Theta.....	553 85
	Women of the Rotary Club of Chicago.....	1 755 00
384.	Mr. Kenney E. Williamson, Peoria, Illinois: to the Research and Educational Hospitals for purchase of a television set for one of the wards	100 00
385.	Estate of Victor S. Yarros: for the Rachelle S. Yarros Scholarship Fund for scholarships in medicine.....	892 12
386.	Louis Zahn Drug Company: to the College of Pharmacy, five scholarships, \$200 each.....	1 000 00
387.	Foundry Educational Foundation, Cleveland, Ohio: to the Chicago Undergraduate Division:	
	For the Robert E. Kennedy Memorial Scholarship in engineering..	1 300 00
	For foundry education, under the direction of Associate Professor Roy W. Schroeder.....	250 00
388.	The Johnson Foundation, Racine, Wisconsin: to the Chicago Undergraduate Division for the Copernicia palm project under the direction of Dr. Sidney Glassman, Division of Biological Sciences.	2 500 00
389.	Mr. Arnold Stebinger, New York, New York: to the Chicago Undergraduate Division for the Eugene Stebinger Memorial Library Fund	100 00

390. From various donors: to the Chicago Undergraduate Division, Division of Physical Sciences, for the Stebinger Fund used for travel expenses for field trips.....	300 00
<i>Total, Scholarships, Prizes, and Other Financial Aids.....</i>	<i>\$80 201 15</i>

Funds for Fellowships and Research

391. S. H. Camp Foundation: for a fellowship in orthopaedic surgery.\$	1 500 00
392. Lederle Laboratories Division, American Cyanamid Company, Pearl River, New York:	
To the Graduate College for two fellowships.....	1 200 00
To the Department of Medicine for research in infectious diseases and related fields, under the direction of Dr. Harry F. Dowling....	10 000 00
393. National Foundation for Infantile Paralysis: for continuation of a fellowship in pharmacology.....	1 250 00
394. Tobacco Industry Research Committee: to the Graduate College for a fellowship, under the supervision of Dr. Milan V. Novak....	500 00
395. Abbott Laboratories, North Chicago.....	6 075 00
To the Department of Pharmacology for the Abbott Laboratories Seminars, under the direction of Dr. Klaus R. Unna	\$ 600 00
To the Department of Surgery for the salary of an assistant in cardiovascular surgery research, under the direction of Dr. Ormand C. Julian.....	3 000 00
To the Department of Surgery to support research on the effect of various chemicals on growth of cancer, under the direction of Dr. Warren H. Cole.....	1 000 00
To the Department of Pharmacology to support pharmacology-graduate education, under the direction of Dr. Klaus R. Unna.....	1 200 00
To the Department of Surgery for the cardiovascular gift fund	275 00
396. American Cancer Society, New York, New York:	
To the Department of Biological Chemistry for studies on enzymes, under the direction of Dr. Paul Kohn.....	7 880 50
To the Department of Microbiology for a study of immunologic properties of human and animal malignant and normal cells grown in tissue culture.....	2 000 00
To the Department of Microbiology for studies of cell division phenomena in <i>H. capsulatum</i>	2 233 00
To the Department of Obstetrics and Gynecology for research in the simplification of diagnostic curettage, under the direction of Dr. William Mengert.....	4 000 00
To the Department of Pathology for histogenesis of basal cell carcinoma.....	500 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.....	10 644 00
To the Department of Pharmacology for research in the field of cancer, under the direction of Dr. Harris Busch.....	7 305 00
To the Department of Pharmacology for a study of nitrogen....	2 000 00
To the Department of Surgery for a study of spontaneous regressions of cancer, under the direction of Dr. Warren H. Cole.....	1 837 80
To the Department of Surgery for a study of screening of human cancer by tissue culture methods.....	7 500 00
To the Department of Surgery for a study of hepatic damage....	1 651 50
To the Department of Surgery for a study of cancer cells in the circulating blood and response of these cells to chemotherapy, under the direction of Dr. Warren H. Cole.....	20 340 49
To the Department of Surgery for a study of tumor cells.....	1 610 50
To the Department of Surgery for a study of cancer cells by tissue culture, under the direction of Dr. Gerald O. McDonald.....	15 416 65
397. American Heart Association: to the Department of Physiology for a study of pathogenesis and treatment of experimental hyper-	

	tension produced by constriction of carotid sinus area, under the direction of Dr. George E. Wakerlin.....	6 187 50
398.	Arthritis and Rheumatism Foundation: To the Department of Medicine for research on serial kidney biopsies in rheumatic disorders and related conditions, under the direction of Dr. Robert M. Kark.....	12 000 00
	To the Department of Medicine for a study of renal lesions through serial kidney biopsies, under the direction of Dr. Irving Steck.....	1 000 00
	To the Department of Medicine for a study of purine metabolism in gouty individuals, under the direction of Dr. Max Montgomery and Dr. Aaron B. Kendrick.....	7 661 00
399.	Asthmatic Children's Aid: To the Department of Medicine for a study of the effect of acetylcholine inhibitors on experimental bronchial asthma in guinea pigs, under the direction of Dr. Max Samter.....	6 000 00
	To the Department of Medicine for a study by fluorescence of reagin localization and reagin-allergen reaction, under the direction of Dr. Ben Z. Rappaport.....	1 500 00
400.	Walter R. Barker, Chicago: to the Department of Neurology and Neurological Surgery for research, under the direction of Dr. Frederic A. Gibbs.....	1 000 00
401.	Baxter Laboratories, Inc., Chicago: to the Department of Microbiology for research, under the direction of Dr. George H. Scherr.....	250 00
402.	Belton Institute for Hearing Research: to the Department of Otolaryngology for research.....	150 06
403.	Chicago Heart Association: To the Department of Pediatrics for investigations of rheumatic fever in childhood, under the direction of Dr. C. J. Marienfeld....	7 003 00
	To the Department of Surgery for a study of vascular grafts....	6 000 00
	To the Department of Surgery for research on revascularization of the myocardium by means of multiple arteriovenous fistulae produced by puncture wounds, under the direction of Dr. Ormand C. Julian	9 900 00
404.	Jane Coffin Childs Fund of Yale University: to the Department of Pharmacology for research on interconversion of intermediates of carbohydrate metabolism and amino acids in tumors and other tissues, under the direction of Dr. Harris Busch.....	10 000 00
405.	Colorado Dental Foundation: to the Department of Oral Pathology for research on histopathology of periodontal tissues, under the direction of Dr. Joseph P. Weinmann.....	1 400 00
406.	Columbia-Geneva Steel, a Division of the United States Steel Corporation: to the Department of Pedodontics for a study of tooth development	17 500 00
407.	Commonwealth Engineering Company: to the Department of Physiology for the preliminary study of pharmacological effects of carboxymethyl dextran histamine, under the direction of Dr. Raymond C. Ingraham.....	189 00
408.	Downers Grove United Fund, Inc.: to the Department of Orthopaedic Surgery for the development of research facilities in the study of muscle dystrophy and atrophies in the handicapped child..	887 50
409.	Easter Seal Research Foundation, National Society for Crippled Children and Adults: to the Department of Otolaryngology, for vestibular studies in cerebral palsy, under the direction of Dr. Francis L. Lederer.....	7 521 37
410.	Dr. Ward Eastman, Peoria: to the Department of Surgery for the Ward Eastman and James Hurlbut Gift Fund, for research...	100 00
411.	Eureka United Fund Appeal: to the Department of Pharmacology for research in heart disease, under the direction of Dr. Theodore R. Sherrod	250 00
412.	Federal Reserve Bank of Chicago Employees: for the Respiratory Center of the Research and Educational Hospitals for activities related to polio care.....	1 400 00

413. Geigy Pharmaceuticals, Ardsley, New York: to the Department of Pharmacology for research on the action of autonomic drugs on the central nervous system, under the direction of Dr. Klaus R. Unna	13 000 00
414. Geschickter Fund for Medical Research: to the Department of Pharmacology for a study of the pharmacology of aromatic amines, under the direction of Dr. Klaus R. Unna.....	16 216 00
415. Hoffman-LaRoche, Inc., Nutley, New Jersey: to the Department of Physiology to support research on the role of carotene and vitamin A in the physiology of the skin, under the direction of Dr. Ruven Greenberg.....	10 000 00
416. Illinois Federation of Women's Clubs: to the Department of Surgery for cancer research.....	1 027 76
417. Institute for Study of Analgesic Drugs: to the College of Pharmacy for research.....	4 000 00
418. Arthur Keating Foundation: to the Department of Orthodontics for research in histochemistry, under the direction of Dr. Milton B. Engel	50 00
419. Lakeland Foundation, Chicago: to the Department of Clinical Science for research to attempt to isolate the growth stimulating and inhibiting agents from the liver or intestinal mucosa, under the direction of Dr. Andrew C. Ivy.....	11 000 00
420. Leukemia Research Foundation, Inc.: to the Department of Biological Chemistry for research on phosphonic acid analogs of nucleoside phosphates, under the direction of Dr. Terrell C. Myers	6 500 00
421. Leukemia Society, Inc.: to the Department of Physiology for a study of leukocytes.....	500 00
422. 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.....	8 250 00
423. Dr. Charles Lightfoot of the Department of Otolaryngology: to the Department of Otolaryngology for work in audiology.....	233 12
424. Eli Lilly and Company, Indianapolis, Indiana: To the Department of Surgery for clinical evaluation of a new analgesic drug "darvon" in comparison with codeine, under the direction of Dr. Danely P. Slaughter.....	1 293 67
To the Department of Microbiology to study protein synthesis in virus infection, under the direction of Dr. John E. Kempf.....	6 366 00
To the Department of Clinical Science for exploratory study of the effect of Phenaglycodal on gastric secretion in the dog, under the direction of Dr. Andrew C. Ivy.....	317 20
425. From friends of Mr. Park Livingston: for the Elizabeth Murdock Livingston Memorial Fund for research in diseases of the liver.....	373 50
426. Mr. Allan Loeb, Chicago: to the College of Medicine for cardiovascular research, under the direction of Dr. Ormand C. Julian...	2 139 82
427. Mr. Lambert J. Martin, New Orleans, Louisiana: to the Department of Pediatrics for children afflicted with leukemia.....	6 00
428. Mead Johnson and Company, Chicago: to the Department of Pedodontics to support research to study the nutritional status of children suffering from rampant dental caries, under the direction of Dr. Maury Massler.....	4 000 00
429. Muscular Dystrophy Association of America, Inc.: 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
430. National Academy of Sciences: to the Department of Anatomy for a study of genadotropic hormones in urine of rhesus monkey.	900 00
431. National Association for Mental Health, Inc.: to the Department of Psychiatry for research in schizophrenia, under the direction of Dr. Leo G. Aboud.....	3 500 00
432. National Foundation for Infantile Paralysis: To the Department of Preventive Medicine for research on urinary mucoprotein calculi, under the direction of Dr. Mark H. Lepper..	12 046 00

	For the operation of the Poliomyelitis Respiratory and Rehabilitation Center, under the direction of Dr. Mark H. Lepper.....	84 508 69
433.	National Multiple Sclerosis Society: to the Department of Neurology and Neurological Surgery for research.....	9 476 16
434.	Mr. George S. Oberne: to add to the Alva Oberne Cancer Research Fund, under the direction of Dr. Warren H. Cole.....	410 00
435.	Pedodontic Seminar Group: To the Department of Pedodontics for research on the effects of Formol-Cresol on the dental pulp, under the direction of Dr. Maury Massler.....	2 000 00
	To the Department of Pedodontics for an histologic study of human teeth and rat molars, under the direction of Dr. Maury Massler.....	2 100 00
436.	Chas. F. Pfizer and Company, Brooklyn, New York: To the Department of Biological Chemistry to support research in metabolism of glucosamine, under the direction of Dr. Richard J. Winzler	5 865 00
	To the Department of Medicine for a study of infectious diseases.	10 000 00
437.	Planned Parenthood Federation of America, Inc., New York, New York: to the Department of Anatomy for research in the side effects of tranquilizing drugs, under the direction of Dr. Samuel R. M. Reynolds	3 435 00
438.	Research Corporation, Inc., New York, New York: to the Department of Biological Chemistry for a synthesis of analogs of thymidine.....	2 500 00
439.	Roanoke Area United Fund Appeal: to the Department of Medicine for studies of cardiac contractility in heart disease, under the direction of Dr. Harry A. Bliss.....	350 00
440.	Sandoz Pharmaceuticals, Hanover, New Jersey: To the Department of Pharmacology for neuropharmacology research under the direction of Dr. Klaus R. Unna.....	1 500 00
	To the Department of Preventive Medicine for research on hypertension and headache mechanisms, under the direction of Dr. Adrian M. Ostfeld.....	9 250 00
441.	G. D. Searle and Company, Skokie, Illinois: to the Department of Medicine for a study of anti-asthmatic drugs, under the direction of Dr. Max Samter.....	3 400 00
442.	Smith, Kline, and French Laboratories, Philadelphia, Pennsylvania: To the Department of Medicine for research in allergy under the direction of Dr. Max Samter.....	500 00
	To the Department of Surgery (Anesthesiology) for pain study, under the direction of Dr. Max S. Sadove.....	400 00
443.	Dr. Henry A. Sturman, Hartford, Connecticut: to the Department of Orthodontics for research and educational activities.....	500 00
444.	Teagle Foundation, New York: to the Department of Psychiatry for paralysis agitans research, under the direction of Dr. Leo G. Aboud.....	8 000 00
445.	The Toni Company, Chicago: to the Department of Microbiology for research on the evaluation of fungicidal agents, under the direction of Dr. Edward E. Vicher	3 000 00
446.	Tuberculosis Institute of Chicago and Cook County: to the Department of Medicine for a study of progression of chronic pulmonary fibrosis, emphysema and bronchiectasis by means of pulmonary function tests, under the direction of Dr. Harry F. Dowling.....	5 513 83
447.	University of Chicago: to the Department of Medical Social Service, College of Medicine.....	7 087 19
448.	The Upjohn Company, Kalamazoo, Michigan: To the Department of Biological Chemistry for graduate teaching, under the direction of Dr. Richard J. Winzler.....	3 000 00
	To the Department of Preventive Medicine for a study of infectious diseases	750 00
	To the Department of Surgery for a study of steroids, under the direction of Dr. Warren H. Cole.....	3 750 00

449. From various donors to the Department of Dermatology for research.....	850 00
Anonymous donor	\$ 100 00
Dome Chemicals, Inc., New York, New York.....	500 00
Dr. Philip R. Latta.....	250 00
450. From various donors to the Department of Medicine for research in hematology	150 00
Anonymous donor	\$ 15 00
Bershire Papers, Inc., Chicago.....	10 00
Mr. Charles F. Rydson, Jr., Chicago.....	10 00
Mr. Arthur O. Lindaman, Sr., Chicago.....	100 00
Lions of District 1-A, Chicago.....	15 00
451. From various donors: to the Department of Pediatrics in memory of John Yardley, a former patient.....	258 50
Gazzolo Drug and Chemical Company.....	\$ 95 00
From neighbors and friends.....	163 50
452. From various donors: to the Department of Psychiatry for research.....	65 00
Mr. and Mrs. Sidney Jaffe.....	\$ 50 00
Mr. and Mrs. Walter Gutmann, Skokie, Illinois.....	5 00
Mrs. R. G. Smith.....	10 00
453. From various donors: to the Department of Surgery for cancer research.....	2 205 00
Mr. Edward Atlas, Chicago.....	\$ 50 00
Dr. Warren H. Cole.....	1 790 00
Mrs. Irving Crown.....	100 00
Margarette and Henry Gibson, in memory of Mrs. Margaret Gibson	130 00
Golding Brothers Company, Chicago, in memory of Mary Louise Brown.....	20 00
Montgomery Ward and Company, in memory of Mrs. Margaret Gibson	15 00
Mrs. Winnifred Sorling, Springfield, Illinois.....	100 00
454. From various donors: to the Lida Hough Watts Memorial Fund for research in hematology in the Department of Medicine.....	1 228 00
455. Wilmette United Fund: to the Department of Surgery for cancer research.....	3 000 00
456. Winthrop-Stearns, Inc., New York, New York: to the Department of Surgery (Anesthesiology) for research in cardiovascular and respiratory functions during anesthesia, under the direction of Dr. Max S. Sadove.....	1 350 00
457. Mr. and Mrs. Carl Winter: to the Department of Pediatrics in memory of Lindy Lou Winter, a former patient in that Department.....	87 00
458. Wyeth Laboratories: to the Department of Surgery (Anesthesiology) for study of blood volume and cardiac output in surgical patients, under the direction of Dr. Max S. Sadove.....	3 500 00
Total, Funds for Fellowships and Research.....	\$492 048 91

Research Contracts with United States Government, Chicago Professional Colleges

459. Air Force	\$ 4 003 83
460. Army Chemical Corps.....	18 266 53
461. Army Surgeon General.....	68 108 98
462. Atomic Energy Commission.....	32 112 00
463. National Science Foundation.....	12 700 00
464. Office of Naval Research.....	33 873 58
465. Office of Vocational Rehabilitation.....	7 705 13
466. Public Health Service.....	1 133 669 88

Total, Research Contracts with United States Government,
Chicago Professional Colleges.....\$1 310 439 93

Research and Public Service Contracts with State of Illinois Agencies, Chicago Professional Colleges*

467. State Department of Public Health.....	\$11 643 38
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468. State Department of Public Welfare.....	89 314 77
<i>Total, Research and Public Service Contracts with State of Illinois Agencies, Chicago Professional Colleges.....</i>	<i>\$100 958 15</i>

Gifts of Equipment, Library Material, and Works of Art

469. Anonymous donor: a complete set of the Encyclopaedia Britannica and a bookcase to be placed in the childrens' ward of the Research and Educational Hospitals.	
470. College of Pharmacy Class of 1957: two concrete benches costing \$77.16 located on the front walk leading into the College of Pharmacy building.	
471. Colonel Henry Crown, Chicago: a radio recording combination and a cabinet model television set for the Research and Educational Hospitals.	
472. E. I. Du Pont de Nemours and Company, Hollywood, California: to the Department of Psychiatry, 50,000 feet of 35 mm. coronar motion picture film.	
473. From the family of Dr. Stephen Forbes: to the Department of Radiology, books and journals of the late Dr. Stephen Forbes.	
474. Dr. Roger A. Harvey, Department of Radiology: a Pako model 80 filmtanx (estimated value \$225).	
475. Humiston-Keeling and Company, Chicago: to the College of Pharmacy, two films, "Design for Life" and "Time for Tomorrow," prepared by the American Foundation for Pharmaceutical Education (estimated value \$250).	
476. Professor A. Hooker Goodwin of the Illustration Studios: a portrait of Professor Thomas S. Jones, Professor <i>Emeritus</i> of Medical and Dental Illustration.	
477. Mrs. John Joyce: to the Department of Pediatrics, a table model radio.	
478. Lambda Kappa Sigma sorority: a bulletin board for the women's locker room in the College of Pharmacy building.	
479. Precision Scientific Company, Chicago: to the Hospital Laboratories, a multimode sterilizer.	
480. Sears Foundation: five films relating to the work of the work simplification program of the Research and Educational Hospitals (estimated value, \$100-\$120).	
481. Elaine Settler Polio Foundation: an air conditioner for use in the Respiratory Center in the Research and Educational Hospitals.	
482. Mrs. Eugene Strong: a baby jumper for the pediatric nursery.	
483. Will County Pharmaceutical Association: a Zenith radio for the Student Women's Lounge in the College of Pharmacy building (estimated value \$90).	
484. WLS Christmas Neighbors Club: four table model radios to the Department of Occupational Therapy (estimated value \$98.40).	
<i>Total, Chicago Colleges.....</i>	<i>\$1 983 648 14</i>

Gifts to the University of Illinois Foundation

485. Illini Achievement Fund.....	\$ 93 000 15
486. Other Gifts for Current Purposes.....	315 750 93
487. Endowment Funds	126 258 87
<i>Total, Gifts to the University of Illinois Foundation.....</i>	<i>\$535 009 95</i>

Summary

Funds from Private Donors

Total for Urbana-Champaign.....	\$ 1 744 425 09
Total for Chicago Colleges.....	572 250 06
<i>Total.....</i>	<i>\$ 2 316 675 15</i>

Funds from Contracts with United States Government

Total for Urbana-Champaign.....	\$ 6 654 057 53
Total for Chicago Colleges.....	1 310 439 93
<i>Total.....</i>	<i>\$ 7 964 497 46</i>

Funds from Contracts with State of Illinois Agencies

Total for Urbana-Champaign.....	\$	257	629	89
Total for Chicago Colleges.....		100	958	15
<i>Total</i>	\$	358	588	04

Gifts to the University of Illinois Foundation.....	\$	535	009	95
<i>Grand Total</i>	\$11	174	770	60

This report was received for record.

PURCHASES

Purchases Authorized

(13) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase was recommended on the basis of the lowest bid.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Six commercial air conditioners	Physical Plant	R. H. Bishop Co., Champaign	\$4 919 00 f.o.b. delivered
One blower fan with cooling and heating coil			
One forty-ton package chiller for air-conditioning system	Physical Plant	R. H. Bishop Co., Champaign	6 000 00 f.o.b. freight allowed
One air-cooled condenser, forty-ton capacity	Physical Plant	Vilter Sales & Construction Co., Chicago	3 066 00 f.o.b. Urbana

On motion of Mr. Nickell, 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>
29.2 tons ammonium nitrate	Agricultural	Tennessee Valley	\$9 014 02 ¹
53 tons diammonium phosphate	Economics	Authority, Knoxville, Tenn.	f.o.b. delivered
4 tons concentrated superphosphate	Allerton Farms		
10 tons calcium metaphosphate	Operations		
6 tons ammonium phosphate nitrate			
276 steel office chairs for Biology Building and for Room 100 Administration Building as follows:	Bacteriology	All-Steel Equipment, Inc., Aurora	6 161 50 f.o.b. Urbana
110 swivel chairs, no arms	Physiology		
24 swivel chairs, with arms	Bursar's Division		
112 side chairs, no arms	Records		
30 side chairs, with arms			
One Varian No. V-4004 4 in. laboratory electromagnet with cylindrical and tapered pole caps and one each No. V-2300A magnet power supply and V-2301A current regulator	Electrical	Varian Associates, Palo Alto, Calif.	4 490 00 f.o.b. Palo Alto, Calif.
Four Electronic Associates, Inc. type 16-5AA-20 pre-patch panels and related equipment including three generator chassis and one Model 1100E variplotter	Electrical	Electronics Associates, Inc., Long Branch, N.J.	8 490 00 f.o.b. Long Branch, N.J.
One Gertsch Products model FM-4A microwave frequency multiplier and model FM-6R (modified) VHF frequency meter	Physics	Gertsch Products, Inc., Los Angeles, Calif.	4 390 00 f.o.b. Los Angeles, Calif.
One Tektronix 517A oscilloscope with P11 screen, seven millimicroseconds risetime, and 0.01 microsecond/cm. to 20 microsecond sweep range	Physics	Tektronix, Inc., Elmwood Park	3 500 00 f.o.b. Portland, Oregon
One model 6137 Vanguard deep therapy X-ray generator with ceiling head mount and upright control unit, with 280 KV at 20 MA continuous operation	Physiology	Picker X-Ray Corp., Chicago	15 825 00 f.o.b. delivered

¹ One-half of the cost will be paid by the Allerton Farms' tenants.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One polarizing microscope, nine objectives, three eyepieces, one condenser Photomicrographic camera	Anatomy, College of Medicine	W. H. Kessel & Co., Chicago	\$2 606 95 delivered
500,000 multiple vitamin capsules having a formula which meets the requirements of the Therapeutic Committee of the Research and Educational Hospitals	Hospital Pharmacy	Xttrium Laboratories, Inc., Chicago	3 730 00 delivered
31 beds and night stands for use of psychiatric patients	Research and Educational Hospitals	Karoll's, Inc., Chicago	2 728 00 delivered
436 sections of steel library bracket-type book shelving to be furnished and installed in the Biology Building library. Each section is 36 in. wide and 7 ft. 6 in. high. There are 388 double-faced and 48 single-faced sections Additional cost for furnishing the above book shelving with special groove-type shelves and special positive action book supports	University Library	Remington Rand, Chicago	23 517 00 f.o.b. delivered and installed
Printing eight issues (21,000 copies each) <i>Illinois Alumni News</i> Printing two issues (95,000 copies each) <i>Illinois Alumni News</i>	Alumni Association	E. W. Petty Co., Effingham	17 560 00 f.o.b. delivered
Steel office desks, tables, bookcases, and cabinets for Room 100 Administration Building 49 desks 14 tables 11 bookcases 3 cabinets	Bursar's Division Admissions and Records	Riha, Petersen, & Vail, Inc., Chicago	7 677 33 f.o.b. Urbana
Blanket crime insurance, effective December 29, 1958, for five years at limits of \$350,000.00 covering the Board of Trustees of the University of Illinois at a cost of \$8,713.12 and blanket crime insurance for five years at limits of \$100,000.00 covering the University-related agencies and student organizations at a cost of \$1,696.95, or a total of \$10,410.07	Bursar and Accounting	V. P. Hartwell, Peoria, representing the American Motorists Insurance Co.	10 410 07
12 standard electric typewriters	Admissions and Records	Engelhardt-Shay Typewriter Co., Champaign	3 009 00 f.o.b. delivered
Sulphite white offset paper 5,000 reams, 8 1/4 x 11 fifty-lb. 1,000 reams, 8 1/2 x 11 seventy-lb.	Office Supply Stores	Bradner Smith & Co., Chicago	4 713 80 f.o.b. delivered
English finish book paper 150 reams, 25 x 38 fifty-lb. white No. 1 150 reams, 25 x 38 seventy-lb. white No. 1	Office Supply Stores	West Virginia Pulp & Paper Co., Chicago	2 773 89 f.o.b. delivered
40 dozen cups 50 dozen saucers 50 dozen dinner plates 100 dozen salad plates 60 dozen fruit dishes 60 dozen oatmeal bowls 10 dozen fluted bowls 10 dozen vegetable bowls 10 dozen cream pitchers 5 dozen sugar bowls Replacements for Lincoln Avenue Residence Food Service Operations	Housing Division	Advance Hospital Supply Co., Chicago	2 872 85 f.o.b. delivered
1,953 1/4 yards upholstery fabric for future repair of furniture in Allen Hall	Housing Division	Associated Service & Supply Co., Chicago Indecor, Chicago L. B. Herbst Corp., Chicago	3 462 49 2 526 93 964 58 f.o.b. delivered
Seven Motorola model U43GGT-1100B mobile radio units One model J53AAB-3A remote control base station One model TA 270M remote control console Less trade-in allowance for six mobile units and one Model FSTU-50 base station	Physical Plant	Motorola Communications & Electronics, Inc., Chicago	4 206 20 f.o.b. Urbana

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
26 automobiles and trucks to replace those in present fleet, except one station wagon to be added:	Physical Plant	Sullivan Chevrolet Co.,	
17 four-door sedans	Storeroom	Champaign	
5 four-door station wagons	Division of	13 sedans	\$10 276 25
1 suburban carryall	Services for	4 station wagons	5 655 71
2 trucks, one ton	Crippled	1 suburban carryall	1 607 28
1 truck, one and one-half ton	Children	Rantoul Motor Sales,	
	Housing Division	Rantoul	
	Animal Science	4 sedans	4 516 15
	Extension	Courtesy Motor Sales,	
	Service in	Inc., Chicago	
	Agriculture	1 station wagon	2 188 00
	and Home	Springer Motor Sales,	
	Economics	Rantoul	
		1 truck	1 113 19
		International Harvester	
		Co., Springfield	
		2 trucks	4 405 70
		Total	(29 762 28)
One spectrophotofluorometer, automatic scanning, range 200-800 millimicrons with accessories	Chemistry and	American Instrument Co.,	6 002 00
One recorder X-Y	Chemical	Silver Spring, Md.	f.o.b.
Four cells, 4 mm. diameter 40 mm. high with adapter (positioning)	Engineering		Silver Spring, Md.
One lot laboratory apparatus (a complete list, with descriptions, of the items included in this order was available at the Board meeting)	General	Rascher & Betzold, Inc.	11 433 25
	Chemical	Chicago	f.o.b.
	Stores		Urbana
2,000 copies of <i>The Study of Politics</i> , by Charles S. Hyneman, printed and bound	University Press	Vail Ballou Press, Inc.,	2 550 24
		Binghamton, N.Y.	f.o.b.
			Binghamton, N.Y.
One X-ray cine fluoroscopic unit for the Medical Research Laboratory	Animal Hospital,	Westinghouse Electric	
	Chicago	Corp., X-Ray Division,	
	Professional	Chicago	
	Colleges	Base bid	29 019 20
		Alternate	2 969 60
		Total, delivered and installed	(31 988 80)

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

COMPTROLLER'S REPORT OF CONTRACTS

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

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Girard Community Unit, District No. 3	School survey	\$ 1 400 00	October 23, 1958
United States Air Force AF 01(611)-568	Flight instruction	13 480 18	October 27, 1958
United States Air Force AF 19(604)-4940	Analysis of severe thunderstorms	6 000 00	October 15, 1958
United States Air Force AF 33(616)-6079	Antenna research	100 000 00	September 1, 1958
United States Air Force AF 49(638)-517	Construction of small functions with prescribed zeros	5 394 00	June 1, 1959
Virden Community Unit, District No. 4	School survey	1 400 00	October 24, 1958

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Brillion Iron Works, Inc.	One SU12 twelve-foot silo unloader	\$ 100 00 annually	October 31, 1958
John Deere Plow Co.	One No. FB177B double disk zig-zag troll drill with attachments	92 75 annually	August 8, 1958
New Holland Machine Co.	One model 78-T PTO baler, one model 440 mower-crusher with attachments	355 95 annually	August 14, 1958
Marie Kuhlman	Garage rental, for use in housing the University car assigned to the Executive Dean of the Chicago Undergraduate Division	30 00 per month	November 1, 1958
Massey Ferguson, Inc.	One F35 standard tractor with double clutch and power steering	269 13 annually	July 1, 1958

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Dairy Association	Effect of milk protein to milk fat ratio on fat utilization	\$ 2 500 00	September 30, 1958
United States Army DA-11-022-ORD-1707	Exploration and application of turbulence theories	9 987 00	November 7, 1958
United States Army DA-11-022-507- ORD-2607	Effects of carbon additions on mechanical properties of low density-controlled porosity sintered iron	8 988 00	November 4, 1958
United States Navy Nonr-1834 (10)	Hydrodynamic phenomena involved in water-exit	11 000 00	September 15, 1958
United States Navy Nobs-65790(1718)	Propagation of fractures in metals	30 000 00	October 13, 1958

Adjustments Made in 1958-59 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Twelve items: \$25 to \$288	\$ 1 288 00	October and November, 1958

This report was received for record.

CARNEGIE CORPORATION GRANT

(15) The Carnegie Corporation of New York has made two grants of \$282,600 and \$307,400 to the University of Illinois for the continuation of the work in the development of new high school mathematics and elementary school arithmetic programs. In conveying to the officers of Carnegie Corporation the official appreciation of the Board of Trustees, I pointed out that the outcomes of these projects will be of nation-wide significance and that the financial support being given the studies is therefore more than a grant to one institution.

I have accepted this grant and report it for record.

On motion of Mr. Johnston, the President's action was confirmed.

**STATUS OF NEGOTIATIONS FOR CHICAGO UNDERGRADUATE
DIVISION SITE SELECTION**

Mr. Johnston, for the Committee on General Policy, submitted the following report.

By previous planning it had been anticipated that the matter of a final decision on the site for the Chicago Undergraduate Division would be presented to the Board of Trustees at its January meeting. However, since the second engineering report involving the rail terminal site will not be available in time for review, the matter will be postponed.

The Committee feels that because of the urgency of starting site development and construction and the absolute necessity that requests for appropriations be taken to the 1959 session of the Illinois General Assembly, a final decision on the site must be made not later than sixty days after the January meeting.

This report was received for record.

**SERVICES OF MR. VERNON L. NICKELL AS A SUPERINTENDENT
OF PUBLIC INSTRUCTION AND AS A MEMBER
OF THE BOARD OF TRUSTEES**

Mrs. Doris S. Holt presented the following resolution and moved its adoption.

To Vernon L. Nickell

The Board of Trustees of the University of Illinois takes occasion at today's meeting to express and record its grateful appreciation of your services as an *ex officio* member of this Board during the past sixteen years you have served as Superintendent of Public Instruction of Illinois.

It is unnecessary to recount all of your accomplishments. The list would be lengthy, but it should be noted that your entire professional career—your life's work—has been one of service to public education. In addition to assigned official tasks you have generously given time, energy, and your talents to many welfare and other civic undertakings, and to the activities of professional organizations related to your work in public education.

Your personal leadership as State Superintendent and the programs for the improvement of elementary and secondary education developed under your direction are of enduring benefit to the schools and youth of Illinois.

Your colleagues on the Board of Trustees of the University of Illinois are deeply appreciative of your services on this Board, your faithful attendance, wise counsel—and especially your strong support of public higher education.

The President and other administrative officers of the University and the officers of the Board desire to join the Trustees in this tribute and in extending best wishes to you and your family for the years to come.

The Board directs that this resolution be made a part of the official public record of today's meeting, and that a suitable copy be given you as a permanent reminder of this occasion.

Chicago, Illinois

The seventeenth day of December, in the year nineteen hundred and fifty-eight, and in the ninety-first year of the University.

This resolution was unanimously adopted.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations; (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.)

ANAST, BASIL P., Instructor in Medicine (Medicine), 95/100 time, ten months from November 1, 1958, \$5090 a year, supersedes (11-21-58).

BULLOCK, JAMES W., Research Associate in the State Water Survey, November 22, 1958-June 30, 1959, \$600 a month (11-21-58).

CABRERA, JESUS, Assistant in Pathology (Medicine), one year from July 1, 1958, without salary (11-15-58).

COLEMAN, ROBERT V., Research Assistant Professor of Physics (C), November 24, 1958-August 31, 1959, \$7000 a year, supersedes (12-2-58).

CSALLANY, MRS. AGNES, Research Assistant in Animal Science (S), ten months from November 1, 1958, \$5280 a year, supersedes (11-25-58).

DAUM, DONALD, Instructor in Agricultural Engineering (S), eight months from January 1, 1959, \$6200 a year (12-2-58).

DOUGHERTY, NORRIS R., Assistant in Medicine (Medicine), nine months from October 1, 1958, without salary (11-15-58).

EDWARDS, ROBERT M., Clinical Instructor in Psychiatry (Medicine), ten months from November 1, 1958, without salary (12-2-58).

FOX, JACK M., Assistant in Dermatology (Medicine), ten months from November 1, 1958, without salary (11-18-58).

FUSON, REYNOLD C., Professor of Organic Chemistry (College of Liberal Arts and Sciences and Graduate College), indefinite tenure beginning September 1, 1958, to render service during each academic year, \$17,500 a year, supersedes (11-11-58).

GEBUHR, CARL A., Clinical Instructor in Medicine (Medicine), eleven months from October 1, 1958, without salary (12-2-58).

GRUNAU, JOHN A., Research Associate in Chemistry, November 10, 1958-August 31, 1959, \$5370 a year (11-25-58).

HWANG, KAO, Clinical Assistant Professor of Clinical Science (Medicine), one year from September 1, 1958, without salary, supersedes (11-25-58).

KRIEGER, MURRAY, Professor of English, indefinite tenure beginning September 1, 1959, to render service during each academic year, \$13,500 a year (11-18-58).

KRIEGER, NORMAN N., Clinical Assistant in Medicine (Medicine), ten months from November 1, 1958, without salary (11-15-58).

LEE, DONALD A., Research Assistant in the Control Systems Laboratory (S), nine months from December 1, 1958, \$6200 a year, supersedes (11-21-58).

MASON, RALPH, Assistant Professor of Business Education, 37 5/100 time to render service during the second semester of the academic year, and on 37 5/100 time on "Y" basis, for six months from March 1, 1959, \$536.08 a month, supersedes (11-4-58).

- MEAR, THOMAS H., Instructor in Crowns and Fixed Partial Dentures (Dentistry), $\frac{1}{2}$ time, ten months from November 1, 1958, \$3000 a year (11-12-58).
- MILLER, ELMO E., Research Associate in Psychology, October 27, 1958-August 31, 1959, \$7500 a year, supersedes (11-6-58).
- MINNICK, MRS. SUE, Assistant Psychometrist in the Student Counseling Service (Chicago Undergraduate Division), $\frac{3}{5}$ time, nine months from December 1, 1958, \$2880 a year, supersedes (12-2-58).
- MOLBO, DORIS M., Assistant in the School of Nursing, ten months from November 1, 1958, \$4800 a year (11-15-58).
- NILES, JANE K., Instructor in the School of Nursing, nine months from December 1, 1958, \$6000 a year (12-2-58).
- PERTSCHONOK, DANIEL, Clinical Instructor in Psychology, Department of Psychiatry (Medicine), ten months from November 1, 1958, without salary (11-15-58).
- RAMA RAO, P. B., Research Associate in Animal Science (S), nine months from December 1, 1958, \$5500 a year (12-1-58).
- RIEMANN, HANS P. S., Research Assistant in Food Technology (S), five months from April 1, 1959, \$458.33 a month (11-25-58).
- SCHWARZ, MARVIN, Assistant in Psychiatry (Medicine), one year from September 1, 1958, without salary (11-15-58).
- SHAFFER, PAUL R., Professor of Geology, one month from July 1, 1959, \$1110; this is in addition to his present appointment (11-21-58).
- SLODKI, SHELDON J., Clinical Assistant in Medicine (Medicine), ten months from November 1, 1958, without salary (12-2-58).
- SMITH, ARLENE J., Clinical Assistant in Psychiatry (Medicine), one year from July 1, 1958, without salary (12-2-58).
- TUCKWOOD, DWIGHT O., Book Stacks Librarian, with the rank of Instructor, eight months from January 1, 1959, \$6300 a year, supersedes (11-21-58).
- WEINBERG, MARILYN G., Assistant in Medicine (Medicine), November 3, 1958-August 31, 1959, \$4800 a year (11-18-58).
- WHITEHORN, WILLIAM V., Professor of Physiology (Medicine), indefinite tenure beginning December 1, 1958, \$14,545 a year, supersedes (12-2-58).

GRADUATE FELLOWS

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

- ASCHNER, MARY J., Ford Foundation Postdoctoral Fellow in the Institute for Research on Exceptional Children, ten months from November 1, 1958, \$416.66 a month (11-12-58).
- BASS, NOEL, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, \$600 (11-20-58).
- BUMZAHAM, CARLOS, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, \$600 (11-20-58).
- CARLSON, DONALD O., United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), eight months from November 1, 1958, \$2250 (11-7-58).
- COOMBS, ALAYNE, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), eight months from November 1, 1958, \$60 a month (11-13-58).
- CREATH, JAMES, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, \$600 (11-20-58).
- FISHMAN, MARVIN, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), eight months from November 1, 1958, \$60 a month (11-6-58).
- KEER, LARRY, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, \$600 (11-20-58).
- OLSON, JAMES C., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), October 27, 1958-June 30, 1959, \$60 a month (11-6-58).

- POWERS, RICHARD J., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), eight months from November 1, 1958, \$60 a month (11-13-58).
- ROTHSTEIN, DAVID, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, \$600 (11-20-58).
- SACKETT, DAVID, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, \$600 (11-20-58).
- TAYLOR, DAVID, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, \$600 (11-20-58).
- WILSON, MRS. MYRIAM, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), eight months from November 1, 1958, \$60 a month (11-6-58).

RESIGNATIONS

- BREEN, JOHN D., Registered Pharmacist in Hospital Pharmacy (Pharmacy) — resignation effective December 1, 1958.
- FARRINGTON, CARL C., Research Assistant in the Digital Computer Laboratory — resignation effective November 15, 1958.
- GOODMAN, MRS. IONE T., Research Assistant in Preventive Medicine (Medicine) — resignation effective November 22, 1958.
- HAERTLE, ROBERT J., Lois Wells Irwin Fellow in Library Science — resignation effective November 1, 1958.
- KEENAN, BOYD R., Charles E. Merriam Fellow in Political Science — resignation effective November 1, 1958.
- LOE, HARALD, Research Associate in Oral Pathology (Dentistry) — resignation effective December 31, 1958.
- MOCK, HARRY E., JR., Clinical Instructor in Surgery (Medicine) — resignation effective November 1, 1958.
- SEKIGUCHI, T., Research Assistant Professor of Electrical Engineering — resignation effective February 1, 1959.
- WALL, JOHN A., Assistant in the Institute of Aviation — resignation effective November 1, 1958.

LEAVE OF ABSENCE

- KARPINSKI, R. W., Associate Professor of Physical Science (Chicago Undergraduate Division) — sabbatical leave of absence on one-half pay for the second semester of 1958-59, this being a continuation of leave of absence on one-half pay granted him for the full academic year beginning September 1, 1954, which was changed to a sabbatical leave on one-half pay for the first semester and to leave without pay for the second semester of 1954-55.

JANUARY, 1959, MEETING

President Livingston called attention to the action of the Board of Trustees at its meeting on November 19, 1958, voting to hold the January meeting in Urbana, Illinois, on Tuesday, January 20, 1959, and asked if the Board decided to change this schedule.

On motion of Mr. Williamson, the Board voted to hold this meeting in Chicago, on the same date.

On motion of Mr. Hughes, the Board adjourned.

Following adjournment, the members of the Board and others in attendance at the meeting were guests of the officers of the First National Bank of Chicago at luncheon.

A. J. JANATA
Secretary

PARK LIVINGSTON
President