The December meeting of the Board of Trustees of the University of Illinois was held in the Morrison Hotel, Chicago, Illinois, on Wednesday, December 19, 1962, beginning at 10:00 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson, Mr. Earl M. Hughes and Governor Otto Kerner were absent.

Also present were President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier, Professor Norman A. Parker, Vice-President, Chicago Undergraduate Division, Dr. Joseph S. Begando, Vice-President, University of Illinois at the Medical Center, Chicago, Mr. C. C. Caveny, Assistant to the President, Chicago Office, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. James J. Costello, Legal Counsel; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.
ADJOURNMENT OF NOVEMBER MEETING
The Board of Trustees at its meeting on November 9, 1962, recessed for luncheon and the program in dedication of the Radio Telescope in Danville, but did not reconvene.

On motion of Mr. Johnston, the November meeting adjourned.

INTRODUCTION OF MR. RAY PAGE
President Clement announced that Mr. Ray Page, Superintendent of Public Instruction-Elect, was present, having been invited to attend today's meeting as a guest of the Board of Trustees. Mr. Page was introduced by Mr. Wilkins.

MINUTES APPROVED
The Secretary presented the minutes of the meeting of the Board of Trustees on June 20, 1962, press proof copies of which had previously been sent to the Board.

On motion of Mr. Swain, the minutes were approved as printed on pages 1499 to 1973, inclusive.

REPORT OF THE EXECUTIVE COMMITTEE
The Secretary presented the following report:

Contracts for Equipment for Heating Plant at Congress Circle
The Board of Trustees at its meetings on May 24 and June 20, 1962, awarded contracts for equipment for the heating plant to be constructed on the Congress Circle campus, but reserved the right of the University in each case to terminate the contract prior to September 15, 1962, and without cost to the University, by giving the contractor written notice of such termination. The Executive Committee was authorized to act for the Board on negotiations with contractors in exercising the University's right to terminate contracts or to extend the period during which they may be executed or terminated. The Executive Committee on August 16, 1962, extended the period in which the contracts may be executed or terminated to December 15, 1962.

Taking of bids for other construction on the Congress Circle Campus has now been postponed, so that it would be to the University's advantage to extend further the dates within which the University may execute or terminate the contracts for the heating plant. The Executive Committee reports that, on recommendation of the Director of the Physical Plant, the Vice-President and Comptroller, and the President of the University, it has authorized the extension of the period within which the following contracts may be executed, or terminated, to and including March 15, 1963. The contractors concerned have agreed to this extension.

High temperature water boilers, hot water pumps, and erection—International Boiler Works Company, East Stroudsburg, Pennsylvania...$235,597
Refrigeration equipment—T. F. Hanley Corporation, Chicago...........185,859
Condenser water and chilled water circulating pumps—Allis-Chalmers Manufacturing Company, Chicago..........................20,493
Cooling tower—Floor Products Company, Oak Park...................39,230
Switchgear and electrical equipment

15 KV switchgear—Allis-Chalmers Manufacturing Company......38,200
5 KV switchgear—Allis-Chalmers Manufacturing Company........44,800
480 V substation—Allis-Chalmers Manufacturing Company......29,650
125-volt battery—Allis-Chalmers Manufacturing Company.......5,794
Inverter-diverter and control panel—Allis-Chalmers Manufacturing Company.........................................................8,851

The Committee has also authorized termination of the following contracts with General Electric Company in view of the Company's policy that price escalation clauses would be applicable to these contracts if extended beyond December 15, 1963.
Switchgear and electrical equipment:

Motor control centers.................................................. $ 7,025
D-C distribution cubicles............................................. 2,531

Termination of these contracts will not seriously affect progress of the work, assuming that the University may proceed with the construction program prior to March 15, 1963, since the equipment can be obtained under other contracts.

The Executive Committee action was taken on December 11 and official notices have been sent to the contractors.

EXECUTIVE COMMITTEE
WAYNE A. JOHNSTON
FRANCES B. WATKINS
HOWARD W. CLEMENT

Chairman

C. S. HAVENS
Clerk

This report was received for record.

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.

PRESIDENT'S REPORT
President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

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

<table>
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<tr>
<th>Name</th>
<th>Address</th>
<th>CPA From</th>
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<tbody>
<tr>
<td>EUGENE HOWARD DEUTSCH</td>
<td>Gary, Indiana</td>
<td>Indiana</td>
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<tr>
<td>KENNETH THOMAS DUPON</td>
<td>Hammond, Indiana</td>
<td>Indiana</td>
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<tr>
<td>JAMES LYLE JOHNSON</td>
<td>Macomb, Illinois</td>
<td>Minnesota</td>
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<tr>
<td>CHARLES HERBERT LIBBY</td>
<td>Oak Park, Illinois</td>
<td>New York</td>
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<tr>
<td>CLINTON ARTHUR PRUST</td>
<td>La Grange, Illinois</td>
<td>Wisconsin</td>
</tr>
<tr>
<td>HAROLD HARUNOBU TSUKUNO</td>
<td>Elmhurst, Illinois</td>
<td>District of Columbia</td>
</tr>
</tbody>
</table>

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

APPOINTMENTS TO THE FACULTY
(2) 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. CHARLOTTE H. ALTMAN, Clinical Assistant Professor of Psychology, Department of Psychiatry, beginning September 1, 1962, without salary (D25).
2. JOSEPH H. DE RIVERA, Research Associate Professor in the Institute of Communications Research, for the academic year 1962-63, on one-half time, at a salary of $4,350 (E50).
3. PAUL DOLINCO, Clinical Assistant Professor of Psychology, Department of Psychiatry, beginning September 1, 1962, without salary (BY).
4. ROLLIN O. DUNSdon, Assistant Professor in the Bureau of Business Management, beginning October 15, 1962, at an annual salary of $10,500 (BY).
5. FRIEDA H. ENGEL, Assistant Professor in the Jane Addams Graduate School of Social Work, beginning September 1, 1962, on one-fourth time, at an annual salary of $2,025 (D25).
6. DUANE E. ERICKSON, Assistant Professor of Farm Management, Department of Agricultural Economics, Beginning November 1, 1962, at an annual salary of $9,000 (DY).

7. DAVID R. EVANS, Associate Professor of Entomology, Physiology, and Biophysics, for one month from August 1, 1963, at a salary of $1,335 (G), and from September 1, 1963, at an annual salary of $12,000 (A).

8. LYLE P. FITTIG, Assistant Professor of Agricultural Economics, Beginning October 1, 1962, at an annual salary of $8,500 (DY).

9. MORTIMER D. GROSS, Clinical Assistant Professor of Psychiatry, Beginning October 1, 1962, without salary (DY).

10. HAROLD M. HYMAN, Professor of History, Beginning September 1, 1963, at an annual salary of $15,000 (A).

11. GUST A. LEDAKIS, Visiting Associate Professor of Law, for the second semester, 1962-63, at a salary of $7,200.

12. ELISE E. LESSING, Clinical Assistant Professor of Psychology, Department of Psychiatry, Beginning September 1, 1962, without salary (DY).

13. JOHN P. O'NEIL, Assistant Professor of Child Development, Department of Home Economics, Beginning February 1, 1963, at an annual salary rate of $7,000 (D).

14. THEODORE R. PECK, Assistant Professor of Soils Extension, Department of Agronomy, Beginning December 1, 1962, at an annual salary of $8,000 (DY).

15. ROBERT H. POLLACK, Clinical Assistant Professor of Psychology, Department of Psychiatry, Beginning September 1, 1962, without salary (DY).

16. STEVEN P. QUIGLEY, Associate Professor in the Institute for Research on Exceptional Children, Beginning December 1, 1962, at an annual salary of $10,000 (D).

17. PAUL J. SANABARO, Clinical Associate Professor of Medicine, Beginning September 25, 1962, without salary (DY).

18. LESTER D. SAVAGE, Jr., Assistant Professor of Mechanical and Industrial Engineering, Beginning November 1, 1962, at an annual salary of $9,000 (B).

19. MORRIS SCHEINMAN, Assistant Professor of General Engineering, Beginning December 1, 1962, at an annual salary of $8,400 (B).

20. PAUL W. SCHROEDER, Associate Professor of History, Beginning September 1, 1963, at an annual salary of $10,000 (A).

21. THOMAS G. SCOTT, Professor of Zoology, Beginning September 1, 1962, without salary (DY).

22. PAUL H. SILVERMAN, Visiting Professor of Zoology, for five and one-half months from January 1, 1963, at a salary of $7,639 (E).

23. ERIC W. SIMON, Visiting Associate Professor of Agronomy, for six months from April 1, 1963, at a salary of $5,500 (G).

24. MARILYN VAN GOETHEM, Clinical Assistant Professor of Psychology, Department of Psychiatry, Beginning September 1, 1962, without salary (DY).

25. JOHN S. WILLIS, Assistant Professor of Physiology and Biophysics, for nine months from December 1, 1962, at a salary of $5,635 (B).

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

SABBATICAL LEAVE OF ABSENCE

(3) I recommend that Dr. Norman A. Graebner, Professor and Chairman of the Department of History, be given a sabbatical leave of absence on one-half pay for one year beginning with the second semester, 1962-63, and continuing through the first semester, 1963-64, in accordance with the provisions of the University of Illinois Statutes. Professor Graebner has been offered a Fulbright award for a lectureship in American diplomatic history at the University of Queensland, Brisbane, Australia, and will also continue his research on American policies in the Far East.

On motion of Mr. Swain, this leave was granted.

CHAIRMANSHIP OF THE DEPARTMENT OF HISTORY

(4) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Professor Robert W. Johannsen as Acting Chairman of the Department of History for the second semester of the current academic year 1962-63, to succeed Professor Norman Graebner who will be on sabbatical leave.
of absence for one year from the beginning of the second semester of this year, at an annual salary rate of $11,800.

The Dean also recommends the appointment of Professor Johannsen as Chairman of the Department of History for two years from September 1, 1963, Professor Graebner having requested that he not be considered for reappointment as Chairman of the Department.

This recommendation is submitted after consultation with the Executive Committee of the Department and is concurred in by the Dean of the Graduate College and the Executive Vice-President and Provost.

I recommend approval.

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

HEADSHIP OF THE DEPARTMENT OF CERAMIC ENGINEERING

(5) The Dean of the College of Engineering recommends the appointment of Professor Arthur L. Friedberg as Professor of Ceramic Engineering on indefinite tenure and Head of the Department of Ceramic Engineering beginning September 1, 1963, to fill the vacancy which will occur with the retirement of Professor A. I. Andrews at the end of the current academic year. The salary of the position will be determined when the budget for 1963-64 is submitted to the Board of Trustees for approval.

The recommendation for this appointment was initiated by a special search committee appointed by the Dean which canvassed possible candidates both within and outside of the Department and of the University; and subsequently all members of the Department were consulted by the Dean. The Dean of the Graduate College and the Executive Vice-President and Provost have also been consulted and concur.

I recommend approval.

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

APPOINTMENT OF ASSOCIATE PROVOST FOR UNDERGRADUATE AFFAIRS

(6) The Executive Vice-President and Provost recommends the appointment of Professor Paul R. Shaffer of the Department of Geology as Associate Provost, effective February 1, 1963. Initially, this would be a half-time position for the academic year, and Professor Shaffer would continue his work in the Department of Geology on a proportionately reduced schedule.

As Associate Provost, Professor Shaffer would be primarily concerned with undergraduate affairs on the Urbana-Champaign campus, and with relationships between the undergraduate colleges on that campus and those on the other two campuses. His responsibilities would include problems related to undergraduate instruction, student services, regulations, housing, and other extracurricular affairs.

I concur.

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

COLLEGE OF PHARMACY ADVISORY COMMITTEE

(7) The Dean of the College of Pharmacy recommends the appointment of Michael J. Mankowski, 32 West Randolph Street, Chicago, as a member of the College of Pharmacy Advisory Committee for a term of five years from July 1, 1962, succeeding Mr. Reed G. Henninger, Riverside, whose term has expired.

I concur.

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

ADMISSION TO COLLEGE OF LIBERAL ARTS AND SCIENCES

(8) The Board on June 20, 1962, approved a recommendation from the Urbana-Champaign and Chicago Undergraduate Division Senates for revision of the minimum requirements for admission to the College of Liberal Arts and Sciences to include certain subjects.

1 J. W. Briscoe, Professor of Civil Engineering and Associate Head of the Department, Chairman; Alfred W. Allen, Professor of Ceramic Engineering; Ralph L. Cook, Professor of Ceramic Engineering; Harry G. Drickamer, Professor of Chemical Engineering and of Physical Chemistry; Robert J. Maurer, Professor of Physics; Victor J. Tenney, Research Assistant Professor of Ceramic Engineering.
The All-University Committee on Admissions and the two Senates concerned recommend, the Senate Coordinating Council concurring therein, addition of the following statement as a part of the minimum requirements for admission to the College of Liberal Arts and Sciences:

Students ranking in the upper 25 per cent of their high school graduating classes are eligible for admission with a deficiency in science, foreign language, or history. Such a deficiency must be compensated for by an equivalent amount of additional credit in the other subjects listed.

It is further recommended that these changes in requirements, including those approved June 20, 1962, become effective for students enrolling in June, 1965, and thereafter.

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

CHANGE IN GRADING SYSTEM

(9) On November 7, 1951, the Senate Committee on Student Discipline adopted a policy and procedures for dealing with student academic irregularities which directed that the grade of "DR" be recorded when a student is dropped from a course for dishonesty in an examination or other required work in the course. In the computation of scholastic averages, the grade of "DR" has been the equivalent of the grade of "E," indicating failure. This policy along with procedures for dealing with such cases was implemented by administrative action. Formal approval by the Board of Trustees was not deemed necessary under the 1936 University of Illinois Statutes then in effect.

The three Senates have now recommended, the Senate Coordinating Council concurring therein, that the grade of "DR" be discontinued, and that a grade of "E," indicating failure, be recorded when a student is dropped from a course for dishonesty. It is the opinion of the Senate Coordinating Council that this change in the grading system is a matter of educational policy which, under the present University Statutes, also requires approval by the Board of Trustees.

I recommend approval.

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

Mr. Dilliard asked if the fact that a grade of "E" was being reported for academic irregularity would be entered in the student's record and expressed the opinion that such should be the practice. President Henry stated that a report in answer to the question would be made at a subsequent meeting.

UNDERGRADUATE REQUIREMENT IN GENERAL EDUCATION

(10) A special All-University Committee on General Education completed a comprehensive study of the requirements and programs of the undergraduate colleges in general education (courses in the humanities, the social sciences, and the natural sciences), during the second semester of 1961-62. Over a period of several years, the Committee had studied programs in other universities and had conducted extensive discussions of the means of improving the general education of undergraduates at the University of Illinois.

In addition to several proposals for improved administrative arrangements, the Committee submitted concurrently to the three Senates the following recommendation for a change in graduation requirements in general education:

"Effective for all undergraduate students entering the University on or after June 1, 1964, each Senate of the University of Illinois add to the present single all-University course requirement for graduation (English composition), a minimum of six hours each in the humanities, the social sciences, and the natural sciences, respectively. Approved sequences should be distributed over at least three years."

The three Senates and the Senate Coordinating Council have approved the Committee's recommendations. The deans of the colleges have also been consulted.

I concur.

On motion of Mrs. Watkins, these recommendations were approved.

The Committee has also recommended, the Senates and the Senate Coordinating Council concurring therein, that:
Faculties of the individual colleges take immediate action to establish sequences in each of the basic courses, subject to approval by the appropriate Senate Committee on Educational Policy. After three years of experience with these requirements, consideration be given to increasing the minimum in each of the three basic areas to nine semester hours and to including a reading knowledge of one foreign language. These two recommendations are to the colleges and are being reported for the information of the Board and for record.

CENTER FOR INTERNATIONAL EDUCATION AND RESEARCH IN ACCOUNTING

(11) The Dean of the College of Commerce and Business Administration recommends establishment within the Department of Accountancy of a “Center for International Education and Research in Accounting” for the extension and formalizing of the Department’s work in accounting on an international scale.

A more complete statement of the proposal for such a Center is submitted herewith and a copy is being filed with the Secretary of the Board for record. As indicated in this statement, the Center will be a part of the Department of Accountancy, will be housed in the Department on a permanent basis, and the staff of the Department will serve the programs of the Center. No additional funds are being requested at this time and it is expected that publications and conferences will be underwritten by grants from outside sources. All recommending officers have been consulted and concur in the proposal.

I recommend approval.

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

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(12) The Committee on Nonrecurring Appropriations recommends the following appropriations and assignments of funds from the University General Reserve:

**Urbana-Champaign**

1. College of Engineering, nuclear engineering equipment................... $15 900

2. Physical Plant
   Statistical Service Unit, remodeling and expansion of Computer Room in Arcade Building to accommodate additional new 1401 computer system ................................................. 5 800
   Department of Speech and Theatre in Illini Hall, additional remodeling for installing a Hearing Testing Chamber........................................ 5 727

   **Total, Urbana-Champaign** ........................................ $27 427

**Chicago Undergraduate Division**

3. Physical Plant, College of Architecture and Art, remodeling of two rooms ................................................................. 4 500

   **Grand Total** .................................................. $31 927

I concur in these recommendations.

On motion of Mr. Pogue, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

CONTRACTS FOR REMODELING IN THE FIRST UNIT OF THE DENTISTRY-MEDICINE-PHARMACY BUILDING

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for remodeling of space previously occupied by the Animal Hospital, before moving into its new quarters in the Medical Research Laboratory, converting an area formerly used for storage into research laboratories for the Departments of Pathology and Anatomy, the award in each case being to the lowest bidder.

**General** — Duggan-Karasik Construction Company, Skokie........ $ 36 110 25

Base bid ........................................................... $32 578 00

Additive alternate for service charge for supervision of other contracts assigned to this contractor .... 3 532 25
Board of Trustees

[December 19]

Plumbing—Ashland Plumbing and Heating Company, Chicago........... $10,387.00
Heating and Process Piping—William Adams Engineers, Inc.,

Chicago........... 9,934.00
Ventilating—Corite-Reynolds Corporation, Des Plaines........... 13,710.00
Pipe Covering and Insulation—Chicago Pipe and Boiler Covering

Company, Chicago........... 1,670.00
Electrical—Fries-Walters Company, Chicago........... 10,618.00
Laboratory Equipment—Browne-Morse Company, Chicago........... 24,326.00
Total...................................................... $106,755.25

It is further recommended that all contracts other than the contract for
general work be assigned to the contractor for that work, making the total of his
contract price $106,755.25; and that an agreement be entered into with Duggan-
Karaski Construction Company for the assignment of these other contracts for
$3,532.25 which amount is included in the contract price, being the amount bid
by that Company for service charge for supervision of other contracts assigned
to the general contractor.

Funds are available in the state capital appropriations to the University
for 1961-63 from the Universities Building Fund and have been released and from
a matching National Institutes of Health Grant (RC-1068).

Submitted herewith is a schedule of all bids received and a copy is being
filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, these contracts were awarded, as
recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard,
Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins,
Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kern.

Contracts for Remodeling in Research

AND EDUCATIONAL HOSPITALS

(14) The Director of the Physical Plant and the Vice-President and Comptroller
recommend award of contracts for remodeling an area of the basement of the
Research and Educational Hospitals (General Hospital) for use as locker
rooms and for storage of medical records, the award in each case being to the
lowest responsible bidder.

General—B. R. Abbot Construction Company, Chicago.................. $49,914

Base bid.............................................. $46,789
Additive alternates

Service charge for supervision of other contracts as-
signed to this contractor...... 1,800
Suspended ceiling, Medical Records area........... 1,260
Air conditioning, Medical Records area........... 65
Plumbing—Fettes, Love, and Sieben, Inc., Chicago.................. 8,443
Heating—Phillips, Getchow Company, Chicago.................. 5,215

Base bid.............................................. $4,200
Additive alternate for air conditioning, Medical Records

area.............................................. 1,015
Ventilating—Narowitz Heating and Ventilating Company, Chicago... 20,946

Base bid.............................................. $17,573
Additive alternate for air conditioning, Medical Records

area.............................................. 3,373
Electrical—Local Electric Company, Inc., Chicago.................. 15,065

Base bid.............................................. $15,000
Additive alternate for air conditioning, Medical Records

area.............................................. 65
Total.......................................................... $99,583

A low bid submitted by the Thunderbird Electric Company, Chicago, would
have to be rejected because of the Company's admitted failure to meet the
standard conditions in the Board of Trustees 'Regulations Governing Procure-
ment and Bidding at the University of Illinois.' The Company has therefore
been permitted to withdraw its bid, and the electrical contract is being awarded
to the Local Electric Company, Inc., Chicago, as the lowest responsible bidder.
The remodeling will provide locker rooms and lounge facilities for nurses and other women employees and will up-grade an area being used for filing records.

It is further recommended that all contracts other than the contract for general work be assigned to the contractor for that work, making the total of his contract price $99,583; and that an agreement be entered into with B. R. Abbot Construction Company for the assignment of these other contracts for $1,800 which amount is included in the contract price, being the amount bid by that Company for service charge for supervision of other contracts assigned to the general contractor.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

Submitted herewith is a schedule of all bids received and a copy is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these contracts were awarded, as recommended by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

CONTRACTS FOR REMODELING RESEARCH AND EDUCATIONAL HOSPITALS ADDITION
(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for construction of an x-ray view room on a second floor setback of the addition to the Research and Educational Hospitals and for remodeling and extension of a special diet kitchen in the Hospitals, the award in each case being to the lowest bidder.

<table>
<thead>
<tr>
<th>General</th>
<th>B. R. Abbot Construction Company, Chicago</th>
<th>$62,390</th>
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<tr>
<td>Base bid</td>
<td></td>
<td>$59,790</td>
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<tr>
<td>Additive alternate for service charge for supervision of other contracts assigned to this contractor</td>
<td>2,600</td>
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</tr>
<tr>
<td>Plumbing</td>
<td>Ashland Plumbing and Heating Company, Chicago</td>
<td>4,640</td>
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<tr>
<td>Heating</td>
<td>Louis Cutler Plumbing and Heating Company, Chicago</td>
<td>16,675</td>
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<tr>
<td>Ventilating</td>
<td>H. S. Kaiser Company, Elk Grove</td>
<td>32,400</td>
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<tr>
<td>Electrical</td>
<td>Wadeford Electric Company, Chicago</td>
<td>12,568</td>
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<tr>
<td>Kitchen Equipment</td>
<td>Century Equipment Company, Chicago</td>
<td>15,877</td>
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<tr>
<td>Total</td>
<td></td>
<td>$144,260</td>
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</table>

It is further recommended that all contracts other than the contract for general work be assigned to the contractor for that work, making the total of his contract price $111,260; and that an agreement be entered into with B. R. Abbot Construction Company for the assignment of these other contracts for $2,600 which amount is included in the contract price, being the amount bid by that Company for service charge for supervision of other contracts assigned to the general contractor.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

A schedule of bids received is submitted herewith and a copy is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

CONTRACTS FOR ELEVATOR REHABILITATION IN RESEARCH AND EDUCATIONAL HOSPITALS
(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for the rehabilitation of two elevators in the Research and Educational Hospitals (General Hospital), the award in each case being to the lowest bidder.
General—Heller Construction Company, Inc., Chicago.............. $ 34,203
Base bid ................................................................. $30,998
Additive alternate for service charge for supervision of
other contracts assigned to this contractor.............. 3,205
Elevator Equipment—Trimon Elevator Company, Inc., Chicago... $ 59,996
Electrical—Divane Bros. Electric Company, Chicago.............. 6,590
Total .......................................................... $100,789

The work will include removal of present obsolete equipment, revision of
top housing and shaftways and furnishing and installing two new passenger
elevators, generator field control, two-way automatic leveling, duplex collective
with and without attendant.
It is further recommended that all contracts other than the contract for
general work be assigned to the contractor for that work, making the total of his
contract price $100,789; and that an agreement be entered into with Heller Con-
struction Company, Inc. for the assignment of these other contracts for $3,205
which amount is included in the contract price, being the amount bid by that
Company as a service charge for supervision of other contracts assigned to the
general contractor.
Funds are available in the state capital appropriations to the University for
1961-63 from the Universities Building Fund and have been released.
A schedule of the bids received is submitted herewith and a copy is filed
with the Secretary of the Board for record.
I concur.
On motion of Mr. Pogue, these contracts were awarded, as recom-
mended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr.
Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr.
Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

CONTRACT FOR CONDUCTIVE FLOOR TILE IN THE RESEARCH
AND EDUCATIONAL HOSPITALS

(17) The Director of the Physical Plant and the Vice-President and Comptroller
recommend award of a contract for $6,320 to the C. E. Korsgard Company,
Chicago, the lowest bidder, for installation of conductive floor tile in the surgical
suites and auxiliary areas of the Research and Educational Hospitals to reduce
explosion hazards and to comply with the National Fire Protection Association's
"Safe Practices for Hospital Operating Rooms."
Funds are available from the Physical Plant maintenance budget.
The project was advertised in the "Illinois State Register."
I concur.
On motion of Mr. Swain, this contract was awarded by the follow-
ing vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue,
Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none;
absent, Mr. Hughes, Mr. Kerner.

CONTRACT FOR DESIGN SERVICES FOR MOVABLE EQUIPMENT
FOR BUILDINGS AT CONGRESS CIRCLE

(18) The Director of the Physical Plant, the Vice-President for the Chicago
Undergraduate Division, and the Vice-President and Comptroller recommend
award of a contract to Skidmore, Owings, and Merrill for design services, includ-
ing layout, selection of materials, and fabrications for the movable equipment
for the following buildings at Congress Circle: staff administration, classroom
buildings, library, lecture center, and engineering and sciences laboratories. Fees
for this service will be based on time-card charges for services of professional
personnel at the firm's usual and customary hourly rates, plus 150 per cent for
overhead and commission. The estimated total cost of such services is $88,000.
Funds are available in the state capital appropriations to the University for
1961-63 from the Universities Building Fund, subject to release by the Governor.
I recommend approval.
On motion of Mr. Johnston, this contract was awarded by the fol-
lowing vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr.
Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

**CONTRACT FOR FARM BUILDINGS**

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $39,450 to Casserly Construction Company, Champaign, the lowest bidder, for erection of three minor agricultural buildings to be located on the University's farms south of the main campus at Urbana-Champaign.

It is also recommended that assignments of funds for construction of these buildings be made from:
- Dairy Science Income — for the Free Stall Dairy Barn on Lincoln Avenue
- Universities Building Fund — for the Machinery Storage and Service Building on the Pell Farm
- Federal Hatch Funds — for Machinery Storage Building on the Grein Farm
- General Reserve, $3,800 — to complete financing of the Grein Farm building

I concur.

On motion of Mr. Dilliard, this contract was awarded, and the recommended assignments of funds were authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

**REMODELING OF QUARTERS AT 807 SOUTH LINCOLN AVENUE, URBANA, FOR UNIVERSITY RETIREMENT SYSTEM**

(20) The University has been providing office quarters for the University Retirement System of Illinois since it was established in 1941. Presently the System offices are in a remodeled frame house owned by the University at 1210 West Oregon Street, Urbana.

With the normal growth of the operations of the System, the quarters now occupied are no longer adequate. Moreover, the land area at 1210 West Oregon Street will be needed as part of the site for an addition to the East Chemistry Building, scheduled for construction during the 1963-65 biennium.

Space leased by the University of Illinois Foundation in a brick, commercial, building at 807 South Lincoln Avenue, Urbana, formerly used by the Department of Art, is now vacant and, with remodeling, will provide adequate quarters for the University Retirement System. The University subleases the property at a rental of $550 per month by authorization of the Board of Trustees on July 21, 1959.

The Foundation's lease of the property will expire in November, 1964. The owner has agreed to a five-year extension on the same terms and conditions. The Director of the Physical Plant and the Vice-President and Comptroller recommend that:

The Board of Trustees request the Board of Directors of the University of Illinois Foundation to extend the lease for an additional five-year period with the understanding that subleasing to the University will be continued;

An assignment of $19,000 be made from the General Reserve Fund for remodeling the property; and that

The remodeled facilities be assigned to the University Retirement System of Illinois.

I concur.

On motion of Mr. Swain, these recommendations were approved, and the requested assignment of funds was authorized, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

**ADDITION TO CONTRACT FOR PLANT SCIENCES BUILDING**

(21) The Director of the Physical Plant and the Vice-President and Comptroller
recommend an increase of $2,999.70 in the contract with the W. E. O'Neil Construction Company, Chicago, for construction of the Plant Sciences Building (Jonathan Baldwin Turner Hall) to include installation of temperature controls for the ventilators in the greenhouses.

Funds are available in the construction budget for this project.

I concur.

On motion of Mr. Dilliard, this change in contract was authorized.

**ADDITION TO CONTRACT FOR ALTERATIONS IN THE RESEARCH AND EDUCATIONAL HOSPITALS ADDITION**

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of $3,618.85 in a contract with Consumers Construction Company, 3748 West Montrose Avenue, Chicago, for alterations on the eighth floor of the Research and Educational Hospitals Addition.

The Department of Medicine has requested a change in the autoclave which is part of the contracts for these alterations. In the original planning, it was believed that a standard type of autoclave would be suitable; however, upon further study, it was concluded that an autoclave with a high vacuum system is needed. The new autoclave proposed increases materially the sterilization process as to the temperature at which sterilization takes place and thereby kills the bacteria faster and more completely than can be done in the standard autoclave. This is very important to the germ-free research work to be done in the area being remodeled.

Funds are available in a United States Public Health Service Grant (OG-21).

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

On motion of Mrs. Watkins, this change in contract was authorized.

**BICYCLE LANE ON EAST SIDE OF URBANA CAMPUS**

(23) The number of bicycles now on the campus, the heavy concentration of bicycles at the Natural History Building and the East Chemistry Building, and occupancy of the Pennsylvania Avenue Residence Halls have created a traffic hazard on the east side of the campus, particularly in Mathews Avenue, Urbana, parts of which are presently restricted to one-way traffic. Representative officials of the city of Urbana and of the University agree that a bicycle lane extending along the east side of the campus would be a greatly needed safety factor. Studies indicate that such lane should provide for two-way bicycle traffic, and that a portion of the lane should be located in Mathews Avenue.

Officials of the city of Urbana regard such lane as a needed public improvement and have approved, in principle, entering into negotiations with the University for construction and maintenance of the portion of the bicycle lane that would lie within the present right-of-way of Mathews Avenue.

The proposed construction would reduce the width of the street available to motor driven vehicular traffic by approximately two feet six inches, but would not reduce the number of parking meters between Springfield Avenue and Nevada Street. Construction of such a lane would include connections with existing bicycle lane systems. The total estimated cost is $35,000.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize:

Negotiations with the city of Urbana for the construction and maintenance, at University expense, of a bicycle lane approximately six feet wide on the right-of-way of Mathews Avenue from the south side of Nevada Street to Springfield Avenue, in return for which the City will adopt and enforce an ordinance permitting two-way bicycle traffic within the lane and prohibiting the use of the lane by any vehicle other than bicycles which are not motor driven.

The execution by the officers of the Board of an agreement or agreements with the City and such other documents as may be necessary, subject to approval of the University's Legal Counsel.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

I concur.

On motion of Mr. Swain, these recommendations were approved,
and authority was given as requested, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

**AGREEMENT WITH DEPARTMENT OF MENTAL HEALTH FOR OPERATION OF ILLINOIS EYE AND EAR INFIRMARY**

The Medical Director of the Research and Educational Hospitals, the Vice-President for the Medical Center, and the Vice-President and Comptroller recommend authorization of an agreement with the Department of Mental Health providing for the operation of the Illinois Eye and Ear Infirmary jointly by the University and the State Department of Mental Health to replace an existing agreement entered into by the University with the former Department of Public Welfare (now the Department of Mental Health).

Relocation of the Illinois Eye and Ear Infirmary in a new building which the Department is constructing on a site adjacent to the Research and Educational Hospitals and which will be completed in 1961 makes it desirable to amend the existing agreement in certain respects.

The principal changes in the new agreement are: reference to the Infirmary being a "constituent unit" of the "Illinois Medical Center" is deleted; administrative and financial relationships between the two parties are clarified; and the joint management group is named the "Joint Executive Committee" with its composition reconstituted and its functions redefined.

I concur.

On motion of Mrs. Watkins, authority was given as requested.

**AUTHORIZATION OF FALLOUT SHELTER LICENSES TO FEDERAL GOVERNMENT**

The federal government has under way an accelerated program of civil defense, which includes plans for fallout shelters. The government has proposed that certain facilities throughout the country be designated and equipped, at no expense to their owners, as fallout shelters. A license must be issued to the federal government by the owner for use of any facility. State and local Civil Defense officials have requested the University to grant to the federal government such licenses for various buildings at Urbana-Champaign and at the Medical Center in Chicago.

The firm of Brown, Manthei, Davis, and Mullins, Consulting Engineers, Champaign, has been employed by the federal government to conduct a fallout shelter survey and determine which buildings can be used for fallout shelters and subsequently licensed at the Urbana campus.

The firms of Consoer Townsend and Associates, A. Epstein and Sons, Inc., and De Leuw, Cather, and Co., Chicago, have completed studies at the Medical Center campus.

Such licenses may be revoked by the University on giving ninety days' written notice, sent by registered mail, to the political subdivision and the federal government.

University officials will review the proposals for designations of shelters in order to minimize interference with educational programs.

To comply with the request of the federal government, it is recommended that the Comptroller and the Secretary of the Board be authorized to execute a license or licenses with the United States government for fallout shelters.

I concur.

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

**LICENSING OF RECORDED PROGRAM OF INSTRUCTION IN THEORETICAL AND APPLIED MECHANICS**

The University has been requested by the United States Military Academy, West Point, to license the use of five two-hour lessons recorded on videotape from the course Theoretical and Applied Mechanics 223, Mechanical Behavior of Solids. It is proposed that a license be granted only for their use over closed-circuit television for the instruction of students at the Academy. A fee of $600 will be charged for the license, in addition to the actual cost of the re-recording to duplicate tapes. This fee is a nominal one based largely on information
received from the National Educational Television and Radio Center which indicates that it approximates the typical rate charged for similar materials.

Releases will be obtained from Professor T. J. Dolan, Head of the Department of Theoretical and Applied Mechanics, and from Professors H. R. Wetenkamp and T. M. Elsesser who recorded the course.

The Executive Vice-President and Provost recommends granting of the license to the United States Military Academy on the basis of the above.

I concur.

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

COMPLIANCE REPORT REQUIRED UNDER NONDISCRIMINATION PROVISIONS OF U. S. GOVERNMENT CONTRACTS

(27) On March 6, 1961, President John F. Kennedy issued Executive Order No. 10925 requiring that a provision be inserted in all United States government contracts that the "Contractor will not discriminate between any employee or applicant for employment because of race, creed, color or national origin." The Order also requires that the Contractor submit information and reports as may be required by the President's Committee on Equal Employment Opportunity. Shortly thereafter, the Department of Defense, the Atomic Energy Commission, the Public Health Service, and other government agencies with which the University has many contracts all requested a Compliance Report from the University for the use of the Committee. Parts I and II of the report requested information concerning the policies and practices of the University in connection with employment. This information was submitted to the Committee on June 30, 1962. Part III of the Compliance Report requested certain personnel statistics which were not available because of the University's policy of not requiring information as to race, creed, or national origin in the application form and other personnel records of employees. Accordingly, the information was not furnished.

The Committee has again requested this information and since compliance with a Federal Order is indicated, notwithstanding a University policy which precludes carrying such information in its official records, it is necessary to direct the University officers involved to obtain this information from department heads who will make a head count to determine the number of Negroes and other members of minority groups in their departments. This information will be submitted and included in the report without personal identification and no specific information will be transferred from the survey to the records of the individuals. The report containing information gathered under these conditions will then be submitted to the President's Committee.

This report was received for record.

PURCHASES

(28) 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 acceptable bid.

The recommendations are presented in two categories: purchases from Appropriated Funds (i.e., from state appropriations to the University) and purchases from Institutional Funds. The latter term is used in these recommendations to designate funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, from foundation grants and grants from corporations and other donors.

Purchases from Appropriated Funds

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<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
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<tbody>
<tr>
<td>6,000 (maximum) college qualification tests, including tests, answer sheets, mark sensing pencils, and grading services</td>
<td>Admissions and Records</td>
<td>The Psychological Corp., New York, N.Y.</td>
<td>$5 100 00 f.o.b. New York, N.Y.</td>
</tr>
<tr>
<td>One complete glass distillation apparatus including twenty-foot distillation column with eight bubble cap plates, pressure gauges, manometers and glass boiler for graphic demonstrations of distilling processes in chemical engineering classes</td>
<td>Chemistry and Chemical Engineering</td>
<td>Corning Glass Works, Corning, N.Y.</td>
<td>$4 590 00 f.o.b. delivered</td>
</tr>
</tbody>
</table>
One oscillator, backward wave sweeping, 8.2 to 12.4 kcme, power output 10 mw, frequency markers adjustable over entire range, accuracy plus or minus 1 per cent

Seven of which are to be installed in four grand pianos.

One converter, frequency. 100 cps to two pipe organs, two-manual, to be finished and installed in Smith Music Hall and one to be installed in the Theory Annex.

One ruby laser system including: power, one counter. electronic, transistor circuit. 0-20 mc, plug-in unit for above counter

Four grand pianos, 5 ft., 2 in., ebony finish, less trade-in of three grand pianos (A)

Four grand pianos, 5 ft., 7 in., ebony finish, less trade-in of four grand pianos (B)

Seven of which are to be installed in various rooms in Smith Music Hall and one to be installed in the Theory Annex.

Two pipe organs, two-manual, to be furnished and installed in Smith Music Hall, less credit for trade-in of two pipe organs.

One ruby laser system including: power supply, 5,000 V; two capacitor banks, 1,000 joules each; one laser mount, air blast cooled, helical tube type; two helical flash tubes; and one ruby rod ¼ in. by 2 in., polished ½ wave or better with silver reflectors.

One recorder, X-Y, recording speed each axis 20 in./sec: DC voltage ranges 0.5 millivolts per inch to 50 volts per inch; AC voltage ranges 0.1 to 20 volts per inch each axis; time intervals on X-axis 0.5 to 50 sec/in; chart speeds 2, 4, 8, 16, 24, and 32 in. per minute.

Print and bind 10,000 copies Undergraduate Study, 1962-63, approximately 344 pages per copy, trim size 6 in. by 9 in.

One inserting machine, six-station, to insert material to be mailed into envelopes ranging in size from 6 in. by 3 ½ in. to 9 ½ in. by 6 ½ in., capable of inserting matter up to ¾ in. thick, equipped with a postage permit imprinter.

Approximately 280 cases disposable operating room packs

175 cases disposable obstetrical packs

35 cases disposable lithotomy sheets

70 cases disposable laparotomy sheets

91 cases disposable towels

Estimated supply for seven months

The prices are firm for renewal for a full year's supply at total cost of $40,829.40

500,000 multiple vitamin capsules having the formula which meets the requirements of the Therapeutic Committee of the Research and Educational Hospitals; this represents a one-year supply of the capsules

One scintillation photoscanner, to be used in the diagnosis of diseases of the brain and such organs as the liver and kidney

149 hospital mattresses consisting of the following:

100 size 35 in. by 80 in.

31 size 35 in. by 75 in.

12 size 36 in. by 72 in.

3 size 36 in. by 60 in.

3 size 30 in. by 54 in.
<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
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<tbody>
<tr>
<td>One surgical operating table with anesthetic screen, sponge rubber pad and foot extension</td>
<td>Research and Educational Hospitals, Chicago</td>
<td>American Sterilizer Co., Chicago</td>
<td>$2,731.00 delivered</td>
</tr>
<tr>
<td>One truck cab and chassis to carry lead lugsger and snow plow attachment</td>
<td>Physical Plant, Chicago</td>
<td>GMC Truck &amp; Coach Division, Chicago</td>
<td>$3,385.00 delivered</td>
</tr>
<tr>
<td>Ten general purpose oscilloscopes</td>
<td>Engineering, Chicago Undergraduate Division</td>
<td>Crossley Associates, Inc., Chicago</td>
<td>$4,911.00 delivered</td>
</tr>
</tbody>
</table>

**Purchases from Institutional Funds**

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Print and bind 5,000 copies of <em>Diseases of Ornamental Plants</em>, by J. L. Forsberg, a book of approximately 224 pages, trim size 6 1/4 in. by 10 in., describing approximately 700 diseases attacking ornamental plants and advising means of controlling them</td>
<td>Agricultural Administration</td>
<td>North Central Publishing Co., St. Paul, Minn.</td>
<td>$4,459.98 f.o.b. delivered</td>
</tr>
<tr>
<td>One spectrophotometer with wave length marker, multispeed chart drive, four rectangular cells, two microcells and jackets, one slide wire, hydrogen lamp, phototube and accessory kit; the equipment will be used to measure concentrated purified virus preparations quantitatively and measure changes they undergo under various treatments</td>
<td>Botany</td>
<td>Applied Physics Corp., Chicago</td>
<td>$17,392.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One analytical ultracentrifuge with optical system, mask and timer, and twelve-cell assemblies</td>
<td>Botany</td>
<td>Spinco Division, Palo Alto, Calif.</td>
<td>$41,471.50 f.o.b. delivered</td>
</tr>
<tr>
<td>One preparative ultracentrifuge with eight rotors and hollow stem radiation handle to be used in the Botany Department to study large molecules governing the behavior of both normal and malignant cells</td>
<td>Botany</td>
<td>National Instrument Labs., Inc., Washington, D.C.</td>
<td>$7,583.50 f.o.b. delivered and installed</td>
</tr>
<tr>
<td>One microdensitometer, double beam, automatic-recording, 4x and 10x objectives, with standard accessories, for research and routine analysis in X-ray diffraction in quantitative measurements of optical densities or spacings</td>
<td>Chemistry and Chemical Engineering</td>
<td>Chicago Apparatus Co., Chicago</td>
<td>$2,530.00 f.o.b. delivered and installed</td>
</tr>
<tr>
<td>One monochromator, grating, with high intensity mercury arc light source, to become a part of a fluorescence spectrophotometer system used to analyze the fluorescence of light emitted</td>
<td>Chemistry and Chemical Engineering</td>
<td>Industrial Cork Co., Inc., Melrose Park</td>
<td>$2,982.00 f.o.b. delivered and installed</td>
</tr>
<tr>
<td>One gas chromatograph with separate heaters, sample size 0.1 to 2.0 milliliter, automatic sample collection and temperature programmer for use in metabolic studies in biochemistry</td>
<td>Chemistry and Chemical Engineering, Research, Inc., Walnut Creek, Calif.</td>
<td>Wilkens Instrument &amp; Chemical Engineering</td>
<td>$2,919.25 f.o.b. delivered</td>
</tr>
<tr>
<td>One sublimator (freeze-dryer), refrigerated, means of compounding and continuous indicators and controllers for both shelf and condenser for use in milk synthesis research</td>
<td>Dairy Science</td>
<td>RePP Industries, Inc., Gardner, N.Y.</td>
<td>$5,760.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Seventy-five sets connector frames to be machined, drilled, and assembled as specified by Digital Computer Laboratory; this material will become part of a new high speed computer which the University of Illinois has contracted to build for the Atomic Energy Commission</td>
<td>Digital Computer Laboratory</td>
<td>Leichner Manufacturing Co., Champaign</td>
<td>$3,375.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Four power supplies, regulated, D.C., 0-12 volts output, 0-100 amps; 1 per cent regulation; 24 amps A.C. input, 115/208/230 volts, 50-60 c.p.s</td>
<td>Digital Computer Laboratory</td>
<td>Krepp Co., Inc., Flushing, N.Y.</td>
<td>$4,221.08 f.o.b. delivered</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
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<tr>
<td>600 terminal boards, type 2076 (designed by U. of I. staff)</td>
<td>Digital Computer Laboratory</td>
<td>Mandex Manufacturing Co., Inc., Chicago</td>
<td>$3,827.72</td>
</tr>
<tr>
<td>30 male and 30 female, 47 points</td>
<td>Electrical Engineering</td>
<td>The Bendix Corp., Cincinnati, Ohio</td>
<td>$15,500.00 delivered and installed</td>
</tr>
<tr>
<td>36 male and 36 female, 20 points</td>
<td>Electrical Engineering</td>
<td>FXR Products, Chicago</td>
<td>$3,682.00 f.o.b. Danbury, Conn.</td>
</tr>
<tr>
<td>One electron microscope, resolving power better than 20 angstroms, accelerating voltage 50 kv, with feature that two specimens can be inserted simultaneously and exchanged by a single operation outside the vacuum, plus one full year service agreement</td>
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</tr>
<tr>
<td>120 relays, coaxial, shorting termination, 75 ohm 12 vdc coil, bnc connectors, operation-switching rate of 2 cps, vswr less than 1.02 and insertion loss less than 0.1 db over the operating range, spdt</td>
<td>Food Technology</td>
<td>Vanguard Instrument Co., La Grange</td>
<td>$3,700.00 f.o.b. delivered and installed</td>
</tr>
<tr>
<td>One microdensitometer, complete with integrating recorder, for use in the investigations on the synergistic effect of heated fat on a carcinogenic</td>
<td>Food Technology</td>
<td>Canal Industrial Corp., Bethesda, Md.</td>
<td>$3,900.00 f.o.b. Bethesda, Md.</td>
</tr>
<tr>
<td>Five oscilloscopes; DC-15 MC; calibrated sweep range 0.2 usec/cm to 2 sec/cm; sensitivity 0.05 volts/cm to 20 volts/cm calibrated</td>
<td>Physics</td>
<td>Tektronix, Inc., Park Ridge</td>
<td>$4,425.00 f.o.b. Beaverton, Ore.</td>
</tr>
<tr>
<td>One lathe, toolroom, precision, metal, 12 1/4 in. swing over bed, 20 in. nominal center distance, face plate 8 in. capacity variable speed drive, 5 hp motor</td>
<td>Physics</td>
<td>The E. L. Essley Machinery Co., Chicago</td>
<td>$11,069.00 f.o.b. delivered</td>
</tr>
</tbody>
</table>

Share of program for the cataloging and preparation of printed catalog cards for 1962 publications received from India and Pakistan under the Public Law 480 Program.
Laboratory furniture for remodeling rooms in Horticulture Field Laboratory as follows:
- Two center laboratory benches, 8 ft. long
- One center laboratory bench, 17 ft. 9 in. long
- One instrument and analytical balance bench
- One sink assembly
- One cold room laboratory bench
- One glasswork table
- Two balance tables
- Five display cases
- 16 mm. films:
  - Four - The Novel
  - Twelve — Great Dramatic Literature
  - Fifty — Biology Programs (in color)
- One ultramicrotome including table and chair, diamond knife and holder, specimen holders, saw, saw blades, grid boxes, and plate glass strips to be used in research on correlating molecular structure with physical structure in cancer cells and retinal cells
- One vacuum evaporator, automatically controlled, with vacuum pumps, bell jar, carbon and tungsten evaporation kits for preparation of thin carbon grids and shadowing for electron microscope experiments
- Eight extractors, laundry, 15 pound dry capacity, 208 volts, 60 cycle
- One offset duplicator, to print on flat sheets ranging in size from 4 in. x 6 in. to 17 1/2 in. x 14 in. and having printing area of 17 in. x 13 in., 5000 sheet capacity, receding stacker and two three-wheel dollies, less trade-in of one offset duplicator 1942 model
- Ninety-six cartons verifax activator
- 50,000 sets combination purchase order—delivery invoice voucher forms; eleven parts per set; approximately 8 1/2 in. x 11 in. detached
- 50,000 sets delivery invoice voucher forms; four parts per set; approximately 8 1/2 in. x 11 in. detached
- 5,000 sets purchase order forms for continuous purchase orders; six parts per set; approximately 8 in. x 5 in. This is approximately a one-year supply of these forms
- One grader, motor, gasoline-engine driven, complete with 10 ft. shiftable moldboard, and scarifier less credit for trade-in of one grader, motor, 1952 model; grader to be used at Robert Allerton Park for road maintenance, snow removal, and various other grading projects
- Furnish and install underground electrical service to the Orchard Downs Housing Addition No. 1; this system will serve 160 housing units in this area
- Seventy parking meters, sealed, single-cylinder type collection system to be furnished and installed in parking lot at 1109-1111 West Illinois Street, Urbana; with option to purchase up to 100 additional meters during the period ending June 30, 1963
- Additional meters up to 100 will be furnished at the same unit prices of $116.48 per double meters and $60.74 for single meters, f.o.b. delivered and installed

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<tr>
<th>Item</th>
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<tbody>
<tr>
<td>Laboratory furniture</td>
<td>Plant Pathology</td>
<td>Kewanee Technical Furniture Co., Evanston</td>
<td>$ 9,905.40</td>
</tr>
<tr>
<td>Audio-Visual Aids Service</td>
<td>Encyclopaedia Britannica Films, Inc., Wilmette</td>
<td>9,504.00</td>
<td>f.o.b. delivered</td>
</tr>
<tr>
<td>Zoology</td>
<td>LKB Instruments, Inc., Washington, D.C.</td>
<td>4,328.10</td>
<td>f.o.b. delivered</td>
</tr>
<tr>
<td>Housing Division Laundry Dryer &amp; Equipment Co., Inc., St. Louis, Mo.</td>
<td>2,848.00</td>
<td>f.o.b. delivered</td>
<td></td>
</tr>
<tr>
<td>Print Shop Midwest Equipment &amp; Litho Supply Co., Peoria</td>
<td>6,438.55</td>
<td>f.o.b. delivered and installed</td>
<td></td>
</tr>
<tr>
<td>Office Supply Jefferson Stationers, Inc., Springfield</td>
<td>2,796.00</td>
<td>f.o.b. delivered</td>
<td></td>
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<tr>
<td>Office Supply Varco, Inc., Decatur</td>
<td>4,049.95</td>
<td>f.o.b. delivered</td>
<td></td>
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<tr>
<td>Robert Allerton Park McElroy-Roland Machinery Co., Springfield</td>
<td>4,390.00</td>
<td>f.o.b. delivered</td>
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</tr>
<tr>
<td>Physical Plant Illinois Power Co., Champaign</td>
<td>13,124.00</td>
<td>f.o.b. delivered and installed</td>
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</tr>
<tr>
<td>Physical Plant Duncan Parking Meter Division, Nautec Corp., Chicago</td>
<td>4,086.80</td>
<td>f.o.b. delivered and installed</td>
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### 1962

**UNIVERSITY OF ILLINOIS**

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<th>Item</th>
<th>Department</th>
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<tbody>
<tr>
<td>180 mercury lamps, ASA code H36-15A, 1000 watts, color-corrected, mogul clamp base for installation in Assembly Hall</td>
<td>Physical Plant</td>
<td>Grand Stage Lighting Co., Chicago</td>
<td>$5,454 00</td>
</tr>
<tr>
<td>Portable stage, steel scaffold-type, complete with side railings, access steps, and flame-proof closure skirt; it will be a three-level stage consisting of a main unit 88 ft. by 48 ft. by 22 in. high and two auxiliary sections both 8 ft. by 48 ft. long — one 28 in. high and one 14 in. high; this portable stage will be used in the new Assembly Hall</td>
<td>Assembly Hall</td>
<td>Waco-Porter Corp., Schiller Park</td>
<td>$11,447 00</td>
</tr>
<tr>
<td>Thirteen turnstiles, portable type, hip operated control, register with locking cover, complete with matching ticket boxes including inspection window and ticket container</td>
<td>Assembly Hall</td>
<td>Perey Manufacturing Co., Inc., New York, N.Y.</td>
<td>$7,410 00</td>
</tr>
<tr>
<td>1,700 fiberglass chairs, stacking and ganging, with steel frame for the arena area of the new Assembly Hall</td>
<td>Assembly Hall</td>
<td>The Howell Co., St. Charles</td>
<td>$17,408 00</td>
</tr>
<tr>
<td>Electronic instruments consisting of three x-y oscilloscopes, two time base generator units, and three wide-band high gain pre-amplifiers, to be used for advanced laboratory work and research</td>
<td>Engineering, Undergraduate Division</td>
<td>Tektronix, Inc., Beaverton, Ore.</td>
<td>$3,983 00</td>
</tr>
<tr>
<td>One hydraulic feed surface grinder and accessories</td>
<td>Physiology, College of Medicine</td>
<td>Norman Machinery Co., Chicago</td>
<td>$6,329 50</td>
</tr>
<tr>
<td>One contour vertical band saw and accessories</td>
<td>Physiology, College of Medicine</td>
<td>Do-All Midwest Co., Chicago</td>
<td>$3,850 65</td>
</tr>
<tr>
<td>One number two horizontal milling machine and accessories, less trade-in of one Heal'd Model LBT horizontal mill with vertical attachment</td>
<td>Physiology, College of Medicine</td>
<td>Kearney &amp; Trecker Corp., Milwaukee, Wis.</td>
<td>$14,623 00</td>
</tr>
<tr>
<td>One plastics injection press and accessories to be used for the manufacture of plastic parts in the Physiology Instrument Shop</td>
<td>Physiology, College of Medicine</td>
<td>Newbury Industries, Inc., Newbury, Ohio</td>
<td>$3,632 60</td>
</tr>
<tr>
<td>One three-dimensional milling and engraving machine and accessories to be used to engrave and duplicate small metal and plastic parts</td>
<td>Physiology, College of Medicine</td>
<td>Marshall &amp; Huschart Machinery Co., Chicago</td>
<td>$6,099 80</td>
</tr>
<tr>
<td>One six-channel curvilinear oscillograph to be used in the study of the inner ear</td>
<td>Otolaryngology, College of Medicine</td>
<td>Pivan Engineering Co., Chicago</td>
<td>$3,445 00</td>
</tr>
<tr>
<td>Pharmacology, College of Medicine</td>
<td>Grass Instrument Co., Quincy, Mass.</td>
<td>$12,572 00</td>
<td></td>
</tr>
<tr>
<td>One lot of polygraph components consisting of: Four 6-channel consoles Sixteen oscillographs Sixteen driver amplifiers Eight EKG preamplifiers Eight low level preamplifiers Four signal markers One selector panel Two transducers</td>
<td>Psychiatry, College of Medicine</td>
<td>Precision Instrument Co., San Carlos, Calif.</td>
<td>$3,645 00</td>
</tr>
<tr>
<td>Four FM record amplifiers</td>
<td>Three FM playback amplifiers</td>
<td>One direct record amplifier</td>
<td>One direct playback amplifier</td>
</tr>
<tr>
<td>To be incorporated into the Psychiatry Department's existing tape transport which is used in psycho-physiological research on infants</td>
<td>Pharmacy Stores, Chicago</td>
<td>The Upjohn Co., Chicago</td>
<td>$2,889 43</td>
</tr>
<tr>
<td>504 bottles lipomul IV, 500 cc., a high carbohydrate nutritional supplement used in the intravenous feeding of patients; this is an estimated six-month supply</td>
<td>Physical Plant, Chicago</td>
<td>Cregier Electrical Manufacturing Co., Chicago</td>
<td>$5,775 00</td>
</tr>
</tbody>
</table>
282  BOARD OF TRUSTEES  [December 19

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 dozen bath towels, 20 in. x 40 in. white terry weave material, 500 dozen wash cloths, 11 in. by 11 in., white terry weave, 7½ ounce material</td>
<td>Physical Plant, Chicago</td>
<td>Karoll's, Inc., Chicago</td>
<td>$ 2,822.50 delivered</td>
</tr>
<tr>
<td>One lot of electrical supplies as follows: 100 panelboards, 1,400 circuit breakers, 100 switch units, 1,000 feet of conduit, 25 elbows, 100 couplings, 200 lock nuts, 200 connectors, 5,000 feet of wire, 500 receptacles, 200 bushings</td>
<td>Physical Plant, Chicago</td>
<td>Graybar Electric Co., Inc., Melrose Park</td>
<td>12,152.19 delivered</td>
</tr>
</tbody>
</table>

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

**COMPTROLLER'S REPORT OF CONTRACTS**

(29) The Comptroller's report of contracts executed during the period November 1 to 30, 1962.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>The American Iron &amp; Steel Institute</td>
<td>Control of cracking in concrete reinforced with high strength steel bars</td>
<td>$7,000.00</td>
<td>October 17, 1962</td>
</tr>
<tr>
<td>The Pillsbury Co.</td>
<td>Water activity characteristics of cake-mix ingredients on the performance of cake mixes</td>
<td>$5,900.00</td>
<td>September 1, 1962</td>
</tr>
<tr>
<td>United States Air Force AF-AFOSR 8-63</td>
<td>Semantic and syntactic properties of many-valued and morphogrammatic systems of logic</td>
<td>$20,531.00</td>
<td>October 2, 1962</td>
</tr>
<tr>
<td>United States Air Force AF-AFOSR 69-63</td>
<td>Negotiation and decision-making in complex organizations</td>
<td>$16,347.00</td>
<td>October 1, 1962</td>
</tr>
<tr>
<td>United States Air Force AF 33(657) 8738</td>
<td>Solid film lubricant-binder phenomena</td>
<td>$35,000.00</td>
<td>November 1, 1962</td>
</tr>
<tr>
<td>United States Navy NATO-88058</td>
<td>Fatigue studies on plain plate or welded plate specimens</td>
<td>$56,810.00</td>
<td>August 15, 1962</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>$141,588.00</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Leases**

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Deere Co.</td>
<td>Rental of farm machinery: two furrow two-way plow and power lift tractor with optional equipment</td>
<td>$48.57</td>
<td>July 1, 1962</td>
</tr>
<tr>
<td>Eversman Manufacturing Co.</td>
<td>Rental of farm machinery: one scraper, one leveler, and one ditcher with attachments</td>
<td>228.60</td>
<td>October 15, 1962</td>
</tr>
<tr>
<td>International Business Machines Corp.</td>
<td>Four key punches, one card punch, one verifier</td>
<td>219.30</td>
<td>October and November, 1962</td>
</tr>
<tr>
<td>International Harvester Co.</td>
<td>Rental of farm machinery, twelve items: $35.15 to $1,413.21</td>
<td>5,098.52</td>
<td>June, July, and August, 1962</td>
</tr>
<tr>
<td>MacCarthy Ford Tractor Sales, Inc.</td>
<td>Rental of farm machinery, five items: $48.00 to $570.00</td>
<td>1,237.07</td>
<td>October 15, 1962</td>
</tr>
<tr>
<td>Massey-Ferguson, Inc.</td>
<td>Rental of farm machinery: one corn combine</td>
<td>541.06</td>
<td></td>
</tr>
<tr>
<td>National Warm Air Heating and Air Conditioning Association</td>
<td>Rental of 1014 Lincolnshire Drive, Champaign (September 1, 1962, to June 30, 1963)</td>
<td>2,300.00 (for ten months)</td>
<td>September 1, 1962</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>$11,845.92</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Contract Changes**

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isotopes, Inc.—sub-contract under contract number AT((1-1) 1199</td>
<td>Study of rainout of radioactivity in Illinois</td>
<td>$14,935.00</td>
<td>August 30, 1962</td>
</tr>
</tbody>
</table>
With Whom | Purpose | Amount to be Paid to the University | Effective Date
--- | --- | --- | ---
National Steel Corp. | Fatigue behavior of welded joints in N-A-Xtra high-strength steels | $28,000.00 | November 8, 1962
Tee-Pak Foundation | Various types of films as retardants to deterioration of meat and meat products | $4,300.00 | September 19, 1962
United States Air Force AF 29 (601) 2876 | Effects of dynamic loads on soils and buried structures | $12,727.00 | September 13, 1962
United States Army DA-49-007-MD-544 | Nutritive value of major nutrients of irradiated food | $30,740.00 | October 31, 1962
United States Army DA-49-146-XZ-023 | Feasibility of designing and building a soil loading system | $4,156.92 | September 21, 1962
United States Army DA-49-193-MD-2212 | Antiradiation drugs | $5,666.00 | October 17, 1962
United States Atomic Energy Commission AT (11-1)-790 | Ribonucleic acid in the accumulation of ions by plant cells | $21,373.00 | November 1, 1962
United States Navy Nonr-1834(18) | Design and development of selected computer components | $10,000.00 | July 31, 1962
United States Navy Nonr-1834(22) | Radio astronomy | $100,000.00 | August 1, 1962
United States Navy Nonr-1834(26) | Plastic deformation of solids | $20,500.00 | August 31, 1962
Total | | $232,362.92 |

Adjustments Made in 1961-62 Cost-Plus Contracts
With Whom | Purpose | Amount | Date
--- | --- | --- | ---
R. C. Drewitch (Plastering) | Two items: $25.00 deduct to $1,040.35 | | September and November, 1962

Adjustments Made in 1962-63 Cost-Plus Contracts
With Whom | Purpose | Amount | Date
--- | --- | --- | ---
Harry F. Fisher (Plastering) | Thirty-six items: $68.22 deduct to $2,476.68 | | September, October, and November, 1962

This report was received for record.

REPORT OF GIFTS AND FUNDS RECEIVED FROM OUTSIDE SOURCES

(30) Following is a report of gifts, grants, and contract funds received by the University during the fiscal year July 1, 1961, through June 30, 1962. This report includes funds from private donors and funds received from governmental agencies and covers all payments received during the fiscal year. A period of several months may elapse between the time an offer is received and accepted and final payment is made, which will account for the listing here of some gifts of funds, such as for scholarships and fellowships, for the academic year 1961-62 and others for 1962-63.

A number of these grants and gifts were previously reported to the Board when the offers were received, and likewise the Comptroller's monthly reports have included numerous research contracts for which funds had not been received at the time of reporting. These funds are being included here in order to present a complete report of all funds received from outside sources during the fiscal period 1961-62.

The contracts have all been properly executed by the Secretary and the Comptroller of the Board. All gifts and grants reported have been accepted and duly 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

1. Alcoa Foundation, Pittsburgh, Pennsylvania: scholarships in ceramic engineering ($625); in mining, metallurgy, and petroleum engineering ($625); and in civil engineering ($625) $1,875.00
2. Robert Allerton, Koloa, Kauai, Hawaii: for the Allerton American Traveling Scholarships in architecture, 1962-63... 1 000 00
3. Allstate Foundation, Skokie: scholarships for extramural classes for driver education teachers conducted by the Division of University Extension... 3 000 00
4. American Air Filter Company, Inc., Herman Nelson Division, Moline: scholarships in engineering, 1962-63... 1 000 00
5. American Society for Metals Foundation for Education and Research: scholarship in metallurgical engineering, 1961-62... 500 00
6. Archer-Daniels-Midland Foundation, Minneapolis, Minnesota: scholarship in chemistry and chemical engineering, 1961-62... 500 00
8. Barber-Colman Foundation, Rockford: scholarships in engineering, 1961-62... 2 050 00
9. Bay State Abrasive Products Company, Westboro, Massachusetts: scholarships in ceramic engineering... 1 000 00
10. California Company, New Orleans, Louisiana: scholarship in geology, 1962-63... 500 00
11. Campus Chest, University of Illinois undergraduate fundraising organization: scholarships, 1962-63... 3 746 36
12. Ceco Steel Products Corporation, Chicago: scholarship in engineering, 1962-63... 1 000 00
13. Chemstrand Company, a Division of Monsanto Chemical Company, New York, New York: scholarship in chemical engineering, 1962-63... 1 000 00
15. Continental Grain Foundation, New York, New York: scholarships in agriculture, 1961-62 and 1962-63... 2 000 00
16. Corn Products Company, New York, New York: scholarships in engineering and physical science... 1 500 00
17. Dads Association, University of Illinois: scholarships, 1961-62... 2 040 00
18. Edmund Deuss, Chicago: for the Raymond Torr Memorial Scholarship in Journalism fund... 100 00
19. Ehrlich Donnan Foundation, Seattle, Washington: scholarships... 200 00
20. Douglas Aircraft Company, Inc., Santa Monica, California: scholarship in aeronautical or electrical engineering, 1962-63... 750 00
21. Dow Chemical Company, Midland, Michigan: scholarship in mining, metallurgy, and petroleum engineering... 750 00
22. E. F. Drakenfeld and Company, New York, New York: scholarship in ceramic engineering, 1962-63... 500 00
23. Russell F. Duncan, Berea, Ohio: scholarship in engineering... 250 00
25. Federal Land Bank of St. Louis and various Federal Land Bank Associations in Illinois: two scholarships in agriculture ($500 each), 1962-63... 1 000 00
26. Ferro Corporation, Cleveland, Ohio: scholarships in ceramic engineering... 500 00
27. Foundry Educational Foundation, Cleveland, Ohio: scholarship in mechanical engineering, 1961-62... 1 000 00
28. Galesburg Builders Supply, Galesburg: for the Harry H. Gunther Scholarship in engineering, 1961-62... 500 00
29. General Motors Corporation, Detroit, Michigan: twenty scholarships, 1961-62... 14 200 00
30. Globe-Union Foundation: scholarships in ceramic engineering... 500 00
31. A. P. Green Fire Brick Company, Mexico, Missouri: scholarships in ceramic engineering... 500 00
<table>
<thead>
<tr>
<th>#</th>
<th>Institution</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>Estate of Dr. Charles P. Howard of Champaign</td>
<td>An endowment to establish the Dr. Hartwell C. Howard Memorial Fund, the income to be used to aid premedical and predental students (the bequest of this estate was reported to the Board of Trustees on February 21, 1962, and rules governing use of the income from the endowment for scholarships for premedical and predental students were approved by the Board of Trustees on July 18, 1962).</td>
</tr>
<tr>
<td>34</td>
<td>Illinois Association of Insurance Agents, Springfield</td>
<td>For the G. A. Mavon Memorial Scholarship for students who are planning careers in the field of general insurance, 1961-62.</td>
</tr>
<tr>
<td>35</td>
<td>Illinois Clay Manufacturers’ Association</td>
<td>Scholarships in ceramic engineering</td>
</tr>
<tr>
<td>36</td>
<td>Illinois Congress of Parents and Teachers</td>
<td>Scholarships, $5,000 in any field of teacher training and $3,500 in special education, 1962-63.</td>
</tr>
<tr>
<td>37</td>
<td>Illinois Federation of Women’s Clubs</td>
<td>Scholarships in occupational therapy ($600); scholarship in the education of teachers of mentally retarded children ($632).</td>
</tr>
<tr>
<td>38</td>
<td>Illinois Mining Institute</td>
<td>Scholarships in mining engineering.</td>
</tr>
<tr>
<td>39</td>
<td>Illinois Occupational Therapy Association</td>
<td>Scholarship in occupational therapy.</td>
</tr>
<tr>
<td>40</td>
<td>Illinois State Federation of Labor and Congress of Industrial Organizations</td>
<td>Two scholarships ($500 each), 1962-63.</td>
</tr>
<tr>
<td>41</td>
<td>Indiana Limestone Institute, Bloomington, Indiana</td>
<td>Scholarship in architecture, 1961-62.</td>
</tr>
<tr>
<td>42</td>
<td>Junior Women’s Advertising Club of Chicago</td>
<td>Scholarships in journalism.</td>
</tr>
<tr>
<td>43</td>
<td>Kennecott Copper Corporation, New York, New York</td>
<td>Scholarships in chemical engineering, 1961-62.</td>
</tr>
<tr>
<td>44</td>
<td>Mrs. Eugene Koch, Peoria</td>
<td>For the Linsley F. Ter Bush Memorial Scholarship.</td>
</tr>
<tr>
<td>45</td>
<td>Kroger Company, Cincinnati, Ohio</td>
<td>Six scholarships, three in agriculture and three in home economics.</td>
</tr>
<tr>
<td>46</td>
<td>Captain James M. Lane, Charlottesville, Virginia</td>
<td>Scholarships.</td>
</tr>
<tr>
<td>48</td>
<td>P. R. Mallory Company Foundation, Inc., Indianapolis, Indiana</td>
<td>Scholarship in ceramic engineering.</td>
</tr>
<tr>
<td>49</td>
<td>Men’s Residence Halls Association of the University of Illinois</td>
<td>For the Calvin S. Sifferd — MRHA Scholarship.</td>
</tr>
<tr>
<td>51</td>
<td>Mississippi Valley Structural Steel Company, St. Louis, Missouri</td>
<td>Scholarships in architectural engineering, 1961-62.</td>
</tr>
<tr>
<td>53</td>
<td>Mothers Association, University of Illinois</td>
<td>Scholarships.</td>
</tr>
<tr>
<td>54</td>
<td>Motorola, Inc., Franklin Park</td>
<td>Scholarships in art and industrial design.</td>
</tr>
<tr>
<td>56</td>
<td>National Merit Scholarship Corporation</td>
<td>Scholarships, 1962-63. These are supplemental grants from sponsors of National Merit Scholarships in recognition of National Merit Scholars enrolled at the University of Illinois, but are for scholarship aid to students who were not Merit Scholars.</td>
</tr>
<tr>
<td>57</td>
<td>National Secretaries Association, Champaign-Urbana Chapter</td>
<td>Scholarship, 1962-63.</td>
</tr>
</tbody>
</table>
58. Nonacademic Employees Council, University of Illinois, Urbana: scholarship for a son or daughter of a nonacademic employee at Urbana................................................. 440 00
59. Old Ben Coal Corporation, Chicago: scholarships in mining engineering, 1961-62.................................................... 1 000 00
60. Owens-Corning Fiberglas Corporation, Toledo, Ohio: scholarships in engineering.................................................. 1 000 00
61. Owens-Illinois Glass Company, Toledo, Ohio: scholarships in engineering............................................................. 2 450 00
63. Perine Development Corporation, Indianapolis, Indiana: scholarship for a student in the residential development option of the land economics curriculum in the College of Commerce and Business Administration......................................................... 500 00
64. Estate of Helen Korte Phelps: three scholarships ($250 each), known as the Korte Scholarships, second semester, 1961-62..................................................... 750 00
65. Physical Education for Women Alumnae Association: an endowment to establish a scholarship fund for students enrolled in the physical education for women curriculum............................................... 1 000 00
67. Production Credit Association: three scholarships in agriculture ($150 each), 1962-63................................................................. 450 00
68. Ralston Purina Company, St. Louis, Missouri: scholarship in agriculture, 1961-62................................................................. 500 00
69. Scully-Jones Foundation, Chicago: scholarship in mechanical and industrial engineering, 1961-62................................................. 300 00
70. Sears-Roebuck Foundation, Chicago: scholarships in agriculture and home economics, 1961-62.................................................. 5 100 00
73. Stauffer Chemical Company, Victor Chemical Works Division, Chicago: three scholarships in chemistry in memory of the late August Kochs, founder of the Victor Chemical Works...................................................... 3 000 00
74. Student Organizations Executive Board, University of Illinois: scholarships, 1962-63................................................................. 2 500 00
76. Trane Company, LaCrosse, Wisconsin: scholarships for seniors in mechanical engineering.................................................. 1 500 00
77. Union Carbide Educational Fund, New York, New York: scholarships................................................................. 1 495 00
78. United States Rubber Company Foundation, New York, New York: scholarship, 1962-63..................................................... 1 400 00
79. Universal Oil Products Company, Des Plaines: scholarships in chemical engineering, 1962-63.................................................. 1 500 00
80. Various donors: to the Undergraduate Scholarship Fund.................................................. $ 115 00
J. D. Carrier.................................................. $ 10 00
Josephine Dennis, Chicago.................................................. 5 00
James Vedder.................................................. 100 00
81. Western Electric Company, Chicago: scholarships in engineering, 1961-62.................................................. 1 200 00
82. Westinghouse Electric Corporation, Baltimore, Maryland: for the Westinghouse Air Arm Scholarships, 1961-62.................................................. 1 500 00
84. Zeta Tau Alpha Foundation, Evanston: for the Shirley K. Strout Scholarship in journalism, 1962-63.................................................. 250 00

Total, Undergraduate Scholarships.................................................. $ 305 614 13
### Miscellaneous Awards and Financial Aids to Students

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>85</td>
<td>Alschuler Philanthropic Fund, Inc., Chicago: to the Department of Architecture for a student award</td>
<td>$2500</td>
</tr>
<tr>
<td>86</td>
<td>American Society for Metals, Chicago: to the Department of Mining, Metallurgy, and Petroleum Engineering for student aid</td>
<td>$10000</td>
</tr>
<tr>
<td>87</td>
<td>Bradley and Bradley, Inc., Rockford: to the Department of Architecture for student awards</td>
<td>$20000</td>
</tr>
<tr>
<td>88</td>
<td>Deeter and Ritchey, Architects, Pittsburgh, Pennsylvania: traveling expense award for a student in architecture</td>
<td>$50000</td>
</tr>
<tr>
<td>89</td>
<td>Eugene Falk, Minneapolis, Minnesota: to the Department of French to add to funds to assist outstanding students in their studies of French</td>
<td>$2000</td>
</tr>
<tr>
<td>90</td>
<td>Kivett and Myers and McCallum, Kansas City, Missouri: to the Department of Architecture for a student award</td>
<td>$20000</td>
</tr>
<tr>
<td>91</td>
<td>Koppers Company, Inc., Pittsburgh, Pennsylvania: to the Department of Architecture for a student award</td>
<td>$50000</td>
</tr>
<tr>
<td>92</td>
<td>John Wiley and Sons, Inc., New York, New York: for the Fred B. Seely Award in Engineering (Mr. Seely is a retired Professor of Theoretical and Applied Mechanics)</td>
<td>$10000</td>
</tr>
<tr>
<td>93</td>
<td>Contributions received by the Dean of Women from numerous donors to the Women Students' Aid Fund</td>
<td>$5812.90</td>
</tr>
</tbody>
</table>

**Total, Miscellaneous Awards and Financial Aids to Students:** $745790

### Student Loans

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>94</td>
<td>Alpha Phi Omega, an honorary service organization: for the Alpha Phi Omega Student Loan Fund</td>
<td>$7500</td>
</tr>
<tr>
<td>95</td>
<td>DuPage County Health Improvement Association, Wheaton: loan fund for students in the health education curriculum</td>
<td>$10000</td>
</tr>
<tr>
<td>96</td>
<td>Dr. and Mrs. Arthur L. Ennis, Decatur: for the Dr. and Mrs. Arthur L. Ennis Student Loan Fund</td>
<td>$5500</td>
</tr>
<tr>
<td>97</td>
<td>Ford Foundation, New York, New York: for Forgivable Predoctoral Loans to Future Engineering Teachers</td>
<td>$100000</td>
</tr>
<tr>
<td>98</td>
<td>Illinois Society of Professional Engineers, Capital Chapter, Springfield: for the LeSueur H. Hendrick Memorial Fund for loans to junior and senior students in engineering</td>
<td>$5000</td>
</tr>
<tr>
<td>99</td>
<td>Koppers Company, Inc., Pittsburgh, Pennsylvania: to add to the Koppers Student Loan Fund</td>
<td>$50000</td>
</tr>
<tr>
<td>100</td>
<td>Henry Strong Educational Foundation, Chicago: to add to the long-term student loan funds</td>
<td>$3000</td>
</tr>
<tr>
<td>101</td>
<td>Tau Delta Tau: to add to the student short-term loan fund</td>
<td>$1500</td>
</tr>
<tr>
<td>102</td>
<td>Tile Council of America, Inc., New York, New York: for student loans</td>
<td>$5000</td>
</tr>
<tr>
<td>103</td>
<td>United States Department of Health, Education, and Welfare under the National Defense Education Act: for student loans for all campuses</td>
<td>$250000</td>
</tr>
<tr>
<td>104</td>
<td>Various fraternity alumni: for the Fraternity Alumni Emergency Loan Fund</td>
<td>$5250</td>
</tr>
</tbody>
</table>

**Total, Student Loans:** $3573400

### Funds for Graduate Fellowships and Research

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>105</td>
<td>Abbott Laboratories, North Chicago: Roger Adams Fellowship in organic chemistry, 1961-62 ($3,000), and 1962-63 ($3,400)</td>
<td>$6400</td>
</tr>
<tr>
<td>106</td>
<td>Allied Chemical Corporation, Nitrogen and Plastics Divisions, Hopewell, Virginia: two fellowships in the Department of Chemistry and Chemical Engineering, 1961-62</td>
<td>$60133</td>
</tr>
<tr>
<td>108</td>
<td>Armco Steel Corporation, Middletown, Ohio: fellowship in ceramic engineering, 1961-62</td>
<td>$2200</td>
</tr>
</tbody>
</table>
111. Campbell Soup Company, Camden, New Jersey: fellowships in food technology ($3,500) and in plant sciences ($3,500), 1961-62.......................... 7,000.00
112. Collins Radio Company, Cedar Rapids, Iowa: fellowship in electrical engineering, 1961-62.......................... 2,000.00
113. Continental Oil Company, Ponca City, Oklahoma: fellowship in mathematics, 1961-62.......................... 3,000.00
114. Corning Glass Works Foundation, Corning, New York: four fellowships, summer 1962 ($500 each plus $495 tuition and fees and $1,000 for departmental expenses).......................... 3,495.00
115. Dow Chemical Company, Midland, Michigan: fellowships in chemistry ($2,750) and in chemical engineering ($2,750), 1962-63.......................... 5,500.00
117. Eastman Kodak Company, Rochester, New York: fellowship in engineering ($1,520), in chemistry ($1,000), and in physics ($1,000), 1961-62.......................... 3,520.00
118. Esso Research and Engineering Company, Linden, New Jersey: fellowship in chemistry, 1961-62.......................... 3,630.00
120. Firestone Tire and Rubber Company, Akron, Ohio: fellowship in chemistry, 1961-62.......................... 2,080.00
121. Ford Foundation, New York, New York: fellowships as part of the Foundation's Experimental Engineering Faculty Recruitment and Development Program which includes funds for predoctoral fellowships and loans.......................... 106,000.00
122. General Dynamics Corporation, General Atomic Division, San Diego, California: fellowship in physics, 1962-63.......................... 4,000.00
123. General Electric Foundation, Ossining, New York: fellowships in chemistry ($3,080), in physics ($2,730), in electrical engineering ($2,730), and in accounting ($3,500).......................... 13,510.00
126. Grolier Foundation, Inc., New York, New York: the Grolier-Americana award for a graduate student in library science, 1962-63.......................... 1,000.00
129. Johnson and Johnson, New Brunswick, New Jersey: Roger Adams Fellowship in organic chemistry, 1962-63.......................... 3,400.00
130. Jones and Laughlin Steel Corporation, Pittsburgh, Pennsylvania: fellowship in metallurgical engineering, 1961-62.......................... 2,600.00
132. Lilly Endowment, Inc., Indianapolis, Indiana: fellowships in economics.......................... 6,000.00
133. Lubrizol Foundation, Cleveland, Ohio: fellowship in chemistry, 1962-63.......................... 3,000.00
134. Minnesota Mining and Manufacturing Company, St. Paul, Minnesota: fellowships in chemistry, chemical engineering, and physics ($3,000 each), 1962-63.......................... 9,000.00
135. Monsanto Chemical Company, St. Louis, Missouri: two fellowships, one each in chemistry and in chemical engineering, 1961-62............. 6,000.00
137. National Lead Company, Houston, Texas: fellowship in geology, 1962-63 .................................................. 4,400.00
138. Edward Orton Jr. Ceramic Foundation, Columbus, Ohio: two fellowships in ceramic engineering, 1961-62............. 3,600.00
139. Parke, Davis, and Company, Ann Arbor, Michigan: fellowships in biochemistry, 1961-62........................ 3,100.00
140. Procter and Gamble Company, Cincinnati, Ohio: fellowships in chemistry ($4,040) and in chemical engineering ($2,920), 1962-63 ....... 6,960.00
141. Pullman Foundation on behalf of the M. W. Kellogg Company, New York, New York: M. W. Kellogg Company Summer Fellowships in chemistry, summer 1962 ......... 500.00
142. Pure Milk Association, Chicago: Lauterbach Memorial Fellowship in food technology, 1961-62.................. 1,500.00
144. Raymond Concrete Pile Company, New York, New York: A. E. Cummings Memorial Fellowship in civil engineering, 1961-62 ........... 2,100.00
145. Raytheon Company, Waltham, Massachusetts: fellowship in physics, 1961-62 .................................................. 3,150.00
146. Rohm and Haas Company, Philadelphia, Pennsylvania: fellowship in the Department of Chemistry and Chemical Engineering, 1961-62 .................. 3,000.00
147. Shell Fellowship Committee of the Shell Companies Foundation, Inc., New York, New York: fellowships in chemical engineering ($2,760) and in geology ($2,760), 1961-62 ... 5,520.00
149. Alfred P. Sloan Foundation, New York, New York: fellowships for three first-year graduate students in engineering, 1961-62 ............ 9,620.00
150. Society of the Sigma Xi, Illinois Chapter: fellowship .................. 500.00
152. Stauffer Chemical Company, Chicago: fellowship in chemistry and chemical engineering in memory of August Kochs, founder of the Victor Chemical Works, a Division of Stauffer Chemical Company ................. 3,000.00
153. Sun Oil Company, Philadelphia, Pennsylvania: fellowships in chemical engineering ($3,370) and in chemistry ($3,530), 1961-62 ............ 6,900.00
154. Television Shares Management Corporation, Chicago: fellowship in electrical engineering to promote the development of new teachers in electronics, 1961-62 ..................... 2,000.00
155. Toni Company, Division of the Gillette Company, Chicago: fellowship in chemistry, 1961-62 ..................... 4,000.00
156. Union Carbide Corporation and its subsidiary divisions.... 15,140.00
   Chemical Industries Council: two fellowships, summer 1962 .......... 1,000.00
   Parma Research Laboratory: fellowship in physics, 1961-62 ............. 3,360.00
   Visking Company: fellowship in chemical engineering, 1961-62 ....... 3,720.00
   Union Carbide Plastics Company: fellowship in chemistry .................. 3,680.00
   Union Carbide Metals Company: fellowship in mining, metallurgy, and petroleum engineering.... 3,380.00


159. Universal Match Corporation, St. Louis, Missouri: fellowship in chemistry and chemical engineering, 1961-62


161. Various donors: fellowships in the Jane Addams Graduate School of Social Work, Gads Hill Center, Chicago, Hull House Association, Chicago, Wieboldt Foundation, Chicago, Woods Charitable Fund, Chicago, Young Men's Jewish Council, Chicago, Young Women's Christian Association of Chicago, Wieboldt Foundation, Chicago, Woods Charitable Fund, Chicago, Young Women's Christian Association of Chicago, to the Department of Animal Science for studies in swine nutrition, to the Department of Physiology for a study of calcium metabolism, to the Department of Physiology for a study of animal gastro-intestinal tract, to the Radiocarbon Laboratory for research, to the Department of Animal Science for a study on ruminant nutrition with particular regard to energy and nitrogen utilization


163. Zeta Phi Eta: fellowship in speech

164. Abbott Laboratories, North Chicago
To the Department of Animal Science for studies in swine nutrition... $1,500.00
To the Department of Physiology for a study of calcium metabolism... 5,000.00
To the Department of Physiology for a study of animal gastro-intestinal tract... 4,000.00
To the Radiocarbon Laboratory for research... 2,400.00

165. Allied Chemical Corporation, Hopewell, Virginia: to the Department of Animal Science for a study on ruminant nutrition with particular regard to energy and nitrogen utilization... 3,000.00

166. American Bird Products, Inc., Chicago: to the Department of Veterinary Pathology and Hygiene for a study of epidemiology and control of psittacosis and psittacid diseases... 2,000.00

To the Department of Microbiology for studies on viruses... $19,572.00
To the School of Life Sciences for a study of hemoproteins... 2,000.00
To the Department of Botany for research... 950.00

168. American Chemical Products, Inc., Ambler, Pennsylvania: to the Department of Agronomy for studies on soybeans... 500.00

169. American Chemical Society, Washington, D.C.
To the Department of Chemistry and Chemical Engineering:
For a study of surface phenomena in phase contacting... $7,250.00
For a study of catalysis in a stirred reactor... 4,350.00
For a study of mechanisms of radical reactions... 6,200.00
For a study of diffusion mechanism: molecules in solution... 6,450.00
For nuclear magnetic and electron spin resonance studies of hydrocarbons... 12,900.00
For a study of ferrocene derivatives... 8,000.00
For research on petroleum... 15,000.00
For studies on mechanisms of organic reactions... 6,300.00

To the Department of Geology:
For mineralogical and chemical studies of ancient sediments... 6,000.00
For petrographic investigations of silurian reefs... 7,000.00
170. American Cyanamid Company, Princeton, New Jersey...
To the Department of Agronomy for studies on field experiments with phosphoric acid.
To the State Natural History Survey for study on systemic insecticides for control of insects on wheat.

171. American Dairy Association: to the Department of Food Technology.
For a study of the relationship between dietary fat and composition of blood lipids.
For an investigation of the effects of butterfat and corn oil in relation to the development of atherosclerosis.
For a study of the relationship of milk protein to serum cholesterol levels.


174. American Heart Association: to the Department of Food Technology for a study of B-lipoprotein liability.


176. American Oil Company: to the Department of Agricultural Engineering for a study on accelerated drying of farm grains.

For research on seismic energy paths in velocity logging.
For research on drillability and the surface energy of solids.

178. American Psychological Association, Washington, D.C.: to the Institute of Communications Research for a research project on information exchange among and connotations of psychological journals.

For a study of selection and application of air measuring devices.
For a study of safety with high temperature water systems.
For a study of steam and condensate flow in pipes.


181. Amsted Industries, Inc., Chicago: to the Department of Mechanical and Industrial Engineering for research in the field of cast metals education.

182. Archer-Daniels-Midland Foundation, Minneapolis, Minnesota: to the Department of Food Technology for studies on fats and oils.
183. Armington Illinois Community Chest: to the Department of Food Technology for lipids research

184. Association of American Railroads: to the Department of Civil Engineering for a study of the performance of filter material in subdrains

185. Association of American Railroads and American Iron and Steel Institute: to the Department of Theoretical and Applied Mechanics for a study of the cause of failures in railroad rails in service

186. Armour Pharmaceutical Company, To the Department of Veterinary Physiology and Pharmacology for a study of pharmacological characterization of new drugs potentially useful in veterinary medicine with particular emphasis on drugs affecting the nervous system.

187. Bear Hybrid Corn Company, Inc., Decatur: to the Department of Agronomy for corn research

188. Bendix Aviation Corporation, South Bend, Indiana: to the Department of Ceramic Engineering for a study of thermal diffusivity and elastic moduli of ceramic-metal combinations at elevated temperatures

189. California Chemical Company, Ortho Division, Richmond, California: to the Department of Plant Pathology for studies on control of diseases of turf grass.

190. Carle Foundation, Urbana: to the Department of Physiology and Biophysics for a study of the contractile force of the heart muscle under varying situations of drug administration and myocardial ischemia


192. Caterpillar Tractor Company, Peoria: to the Department of Civil Engineering for studies of the behavior of U-shaped structural members subjected to torsion and flexure


195. Columbia University, New York, New York (from a Sloan Foundation grant): to the Department of Chemistry and Chemical Engineering for research in physical chemistry


197. Consolidated Electrodynamics Corporation, Pasadena, California: to the Department of Ceramic Engineering for research in the area of hermetic seals and electrical properties of special glasses

198. Container Corporation of America, Chicago: to the Department of Agricultural Engineering for studies on storage of shelled corn
<table>
<thead>
<tr>
<th>No.</th>
<th>Organization Name</th>
<th>Department/Project Description</th>
<th>Grant Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>199</td>
<td>Corn Industries Research Foundation, Inc., Washington, D.C.</td>
<td>To the Department of Agronomy for a study of the breeding and genetics of high oil corn.</td>
<td>$12,827</td>
</tr>
<tr>
<td></td>
<td></td>
<td>To the Department of Home Economics for studies on behavior of starches in food products.</td>
<td>$6,500</td>
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<tr>
<td></td>
<td></td>
<td>To the Department of Chemistry and Chemical Engineering for studies on metal complexes of starch.</td>
<td>$7,500</td>
</tr>
<tr>
<td>200</td>
<td>Council of Ten and the University of Chicago</td>
<td>To the Department of Broadcasting for studies of institutional cooperation.</td>
<td>$750</td>
</tr>
<tr>
<td>201</td>
<td>Crop-Hail Insurance Actuarial Association, Chicago</td>
<td>To the State Water Survey to study factors producing hailstorms in Illinois</td>
<td>$6,000</td>
</tr>
<tr>
<td>202</td>
<td>Dawe's Laboratories, Inc., Chicago</td>
<td>To the Department of Animal Science for a study on animal and poultry nutrition</td>
<td>$2,000</td>
</tr>
<tr>
<td>203</td>
<td>Diamond Alkali Company, Cleveland, Ohio</td>
<td>To the Department of Plant Pathology for studies on soil fungicides.</td>
<td>$300</td>
</tr>
<tr>
<td>204</td>
<td>Dow Corning Corporation, Midland, Michigan</td>
<td>To the Department of Chemistry and Chemical Engineering for research</td>
<td>$500</td>
</tr>
<tr>
<td>205</td>
<td>E. I. du Pont de Nemours and Company Inc, Wilmington</td>
<td>To the Department of Chemistry and Chemical Engineering for research in chemistry ($15,000), and in chemical engineering ($5,000).</td>
<td>$20,000</td>
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<td>To the Department of Physics for research.</td>
<td>$5,000</td>
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<tr>
<td>206</td>
<td>Eisner Food Stores, Champaign</td>
<td>To the Department of Marketing for research.</td>
<td>$500</td>
</tr>
<tr>
<td>207</td>
<td>Engineering Foundation, New York, New York</td>
<td>To the Department of Civil Engineering for a study of structural joints—riveted and bolted.</td>
<td>$26,395</td>
</tr>
<tr>
<td>208</td>
<td>Ford Foundation, New York, New York</td>
<td>To the Bureau of Economic and Business Research for the savings research project of the Inter-University Committee for Research on Consumer Behavior.</td>
<td>$12,500</td>
</tr>
<tr>
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<td>To the Department of Sociology for the systematic development of new concepts and practices of delinquency prevention.</td>
<td>$2,500</td>
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<td></td>
<td></td>
<td>To the Department of Sociology for expansion of a study of the effectiveness of the federal correctional system and dissemination of its findings to interested professionals in the fields of criminal law and corrections.</td>
<td>$22,500</td>
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<td>To the Office of Community Development for a project to help define the University’s role in meeting urban problems and to develop a training program for services to Illinois’ rapidly urbanizing communities (a partial payment of a total grant of $125,000).</td>
<td>$60,000</td>
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<td>To the Department of Electrical Engineering for research in the behavioral sciences.</td>
<td>$1,178</td>
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<td>To the University Press to stimulate scholarly publication in the humanities and social sciences.</td>
<td>$13,440</td>
</tr>
<tr>
<td>209</td>
<td>Ford Motor Company, Dearborn, Michigan</td>
<td>To the Department of Animal Science for research into factors affecting the immunological response of the pig.</td>
<td>$2,000</td>
</tr>
<tr>
<td>210</td>
<td>Foundry Educational Foundation, Cleveland, Ohio</td>
<td>To the Department of Mechanical and Industrial Engineering for research.</td>
<td>$250</td>
</tr>
</tbody>
</table>
211. Geigy Chemical Corporation, Ardsley, New York: to the Department of Veterinary Pathology and Hygiene for a study of canine dermatitis........................................ 525 00
212. General Electric Foundation, Ossining, New York: to the Department of Mathematics for research.......................... 5 000 00
213. General Motors Corporation: to the Departments of Electrical Engineering and Theoretical and Applied Mechanics ($500 each) for research........................................ 1 000 00
214. Goodyear Aircraft Corporation, Akron, Ohio: to the Department of Ceramic Engineering for research...................... 7 486 69
215. Granite City Steel Company, Granite City, Illinois: to the Department of Agricultural Engineering for studies on optimum environmental conditions for the growth of swine........................................ 2 500 00
216. Gregory Industries, Inc., Lorain, Ohio: to the Department of Civil Engineering for a study of welded studs...................... 6 000 00
217. Griffin Wheel Company, Chicago........................................ 38 000 00
To the Department of Ceramic Engineering for a study of steel casting refractories........................................ $22 500 00
To the Department of Theoretical and Applied Mechanics for a study of cast steel railway car wheels........................................ 15 500 00
218. Grolier Foundation, Inc.: to the College of Education for a study of high school reading interests......................... 6 499 66
219. Hercules Powder Company, Inc., Wilmington, Delaware: to the Department of Chemistry and Chemical Engineering for fundamental research........................................ 2 500 00
220. Human Ecology Fund, New York, New York: to the Institute of Communications Research for a study of the cross-cultural generality of meaning systems................................. 77 720 20
221. Illinois Agricultural Association: to the Department of Food Technology for a study of the quality of dairy products....................... 1 000 00
222. Illinois Archaeological Survey: to the Department of Anthropology for preliminary site examination and preliminary testing and excavation.......................... 1 091 05
223. Illinois Dairy Products Association, Inc., Chicago: to the Department of Dairy Science for cream quality research............. 2 250 00
224. Illinois Farm Bureau Serum Association, Bloomington: to the Department of Veterinary Pathology and Hygiene for studies on diagnostic tests for hog cholera.......................... 4 000 00
225. Illinois Farm Electrification Council: to the College of Agriculture for a study of rural electrification....................... 15 390 00

Contributing corporations:
Association of Illinois Electric Cooperatives of Springfield........................................ $7 000 00
Central Illinois Electric and Gas Company.................. 425 00
Central Illinois Light Company of Springfield........... 550 00
Central Illinois Public Service Company.................. 1 250 00
Commonwealth Edison Company of Chicago............... 3 500 00
Illinois Power Company.................................. 2 450 00
Interstate Power Company................................ 52 00
Iowa-Illinois Gas and Electric Company.................. 60 00
Mt. Carmel Public Utility Company........................ 60 00
Union Electric Company.................................. 43 00

226. Illinois Farm Supply Company, Bloomington......................... 7 400 00
To the Department of Dairy Science for studies on dairy cattle feeding and nutrition........................................ $600 00
To the Department of Animal Science for studies of swine, poultry, and nutrition.......................... 1 800 00
To the Department of Agricultural Engineering for a study on improvement of farm tractor maintenance.......................... 5 000 00
227. Illinois Heart Association: to the Department of Food Technology for a study of the relationship of dietary components to cholesterol metabolism... $9,000.00
228. Illinois Liquid Fertilizer Association of Monticello: to the Department of Agronomy for studies of liquid and dry fertilizers... $500.00
229. Illinois Seed Producers Association, Inc., Champaign: To the Department of Agronomy for corn research... $7,500.00
To the Department of Plant Pathology for corn research... $2,500.00
230. Illinois Turfgrass Foundation, Inc., Lombard: to the Department of Horticulture for studies on turf grasses... $1,400.00
231. Institute of Boiler and Radiator Manufacturers, New York, New York: to the Department of Mechanical and Industrial Engineering for a study of steam and water heating... $39,600.00
232. Jersey Production Research Company, Tulsa, Oklahoma: to the Department of Mechanical and Industrial Engineering for machine design research... $1,072.50
233. Kearney and Trecker Corp., Milwaukee, Wisconsin: to the Department of General Engineering for research... $1,500.00
234. Charles F. Kettering Foundation, Hinsdale: to the Department of Chemistry and Chemical Engineering for the development and construction of apparatus for the measurement of the magnetic susceptibility of small samples over wide temperature ranges... $12,500.00
235. Kretschmer Corporation, Carrollton, Michigan: to the Department of Physical Education for research on the relative effects of wheat germ oil on physical performance tests... $1,250.00
236. Lawrenceville Garden Club, Lawrenceville, Illinois: to the Department of City Planning and Landscape Architecture for a central area study project... $2,400.00
237. Lilly Endowment, Inc., Indianapolis, Indiana: for research in the study of individual freedom... $34,000.00
238. Harry J. Loman Foundation, Bryn Mawr, Pennsylvania: to the Department of Finance for research in insurance education... $75.00
239. Malting Barley Improvement Association, Milwaukee, Wisconsin: to the Department of Agronomy for studies on barley variety tests... $345.00
240. Merck and Company, Inc., Rahway, New Jersey: to the Department of Animal Science for a study on growth stimulants for swine... $3,000.00
241. William S. Merrell Company, Cincinnati, Ohio: to the Department of Marketing for research... $600.00
242. Midwest Agricultural Limestone Institute, Kankakee: to the Department of Agronomy for studies on soil management research... $500.00
243. Mrs. C. Philip Miller, Chicago: to the Department of Forestry for research... $3,098.96
244. University of Minnesota, Minneapolis, Minnesota (from a grant from the Ford Foundation): to the Department of Mathematics for a study of mathematics for business... $5,000.00
245. Monsanto Chemical Company, St. Louis, Missouri: To the Department of Agronomy for studies on herbicidal action of chemical compounds... $2,500.00
To the Department of Food Technology for studies on phosphates in milk... $1,600.00
To the Department of Agricultural Economics for studies on the economic use of fertilizers... $1,500.00
246. Moorman Manufacturing Company, Quincy: to the Department of Animal Science. For a study of nutritional quality of pig starter rations $2,600.00 For a study on poultry nutrition $2,600.00

247. Mark L. Morris Animal Foundation, Denver, Colorado: to the Department of Veterinary Clinical Medicine for a study of a urethral substitute for the canine and feline patient $1,957.50

248. Morton Chemical Company, Woodstock: to the Department of Plant Pathology for studies on fungicides $1,000.00

249. Mosinee Paper Mills Company, Mosinee, Wisconsin: to the Department of Agricultural Engineering for studies on mulching with paper $1,000.00

250. Muscular Dystrophy Associations of America, Inc., New York, New York: to the Department of Animal Science for studies on metabolism of radioactive vitamin E in the rat $4,305.58

251. National Academy of Sciences, Washington, D.C.: to the Highway Traffic and Safety Center for a study of motor vehicle registration and titling practices $2,000.00

252. National Distillers and Chemical Corporation, New York, New York: to the Department of Agronomy for studies of the requirements of different genetic lines of soybeans $6,000.00

253. National Educational Television and Radio Center, New York, New York: to the Department of Mathematics for a study to determine use of film demonstration in teacher education in mathematics $37,991.92

254. National Lead Company: to the Department of Chemistry and Chemical Engineering for research in titanium chemistry $6,413.00

255. National Lime Association, Washington, D.C.: to the Department of Geology for a study by X-ray diffraction and other methods of the reactions in the clay mineral and other mineral components of various types of soils when treated with lime for the purpose of stabilization for road surfaces $5,625.00

256. National Live Stock and Meat Board, Chicago: to the Department of Food Technology for studies on the biological utilization of fatty acid isomers $8,500.00

257. National Roofing Contractors Association: to the Small Homes Council-Building Research Council for a study of roofing failures $3,500.00

258. National Society for Crippled Children and Adults, Chicago: to the Division of Rehabilitation-Education Services for a study on the development of specifications for buildings and facilities to accommodate individuals in wheelchairs and others with severe forms of physical disability $4,082.50

259. National Soybean Crop Improvement Council, Decatur, Indiana: to the Department of Agronomy for a study of soil fertility requirements of different genetic lines of soybeans $7,000.00

260. National Steel Corporation, Weirton, West Virginia: to the Department of Civil Engineering for an evaluation of the fatigue behavior of welded joints in N-A-Xtra high-strength steels $19,000.00

261. National Vitamin Foundation, Inc., New York, New York: To the Department of Animal Science for a study of vitamin E functions $5,000.00 To the Radiocarbon Laboratory for a study of metabolism of radioactive vitamin A $8,503.08

262. National Warm Air Heating and Air Conditioning Association, Cleveland, Ohio: to the Department of Mechanical and Industrial Engineering for studies of heating, ventilating, and air conditioning as related to warm-air furnace heating $33,042.00
263. New Holland Machine Company, New Holland, Pennsylvania: to the Department of Agricultural Engineering for a study on rural electrification .......................................................... 2 000 00

264. Olin Mathieson Chemical Corporation, Little Rock, Arkansas: to the Department of Agronomy for a study to compare ammonium phosphates with other sources of phosphate in banded and broadcast applications for corn .................. 750 00

265. Earl Osborn, New York, New York: to the Institute of Communications Research to assist in the publication of a monograph on psychological factors in war and peace .......................... 5 160 32

266. Pennsalt Chemicals Corporation, Aurora: to the Department of Plant Pathology for fruit research .......................................................... 750 00

267. Chas. Pfizer and Company, Inc., New York, New York: to the Department of Animal Science for a study to evaluate amino acids, unidentified growth factors, vitamins, and antibiotics in swine .......................................................... 2 500 00

268. Population Council, Inc., New York, New York: to the Department of Sociology for research ......................

269. Portland Cement Association, Chicago ...........

270. Procter and Gamble Company, Cincinnati, Ohio: to the Department of Botany for a study of fatty alcohols to reduce transpiration and evaporation in plants ......................

271. Quaker Oats Company, Chicago: to the Department of Agronomy for a study of oat hybrids .................. 3 100 00

272. Reinforced Concrete Research Council: to the Department of Civil Engineering for research .................. 7 500 00


274. Rockefeller Foundation, New York, New York ...........

275. Rohm and Haas Company, Philadelphia, Pennsylvania ............. 1 350 00

276. Shaw Process Development Corporation, Port Washington, New York: to the Department of Mechanical and Industrial Engineering for foundry research ...................... 1 500 00

277. Shell Chemical Corporation: to the State Natural History Survey for research on insecticides .................. 2 500 00

278. Alfred P. Sloan Foundation, Inc., New York, New York .................. 56 280 00

279. Smith, Kline, and French Laboratories, Philadelphia, Pennsylvania: to the Health Service for anti-viral chemotherapy research .......................... 1 500 00
280. Socony Mobil Oil Company, Inc., Paulsboro, New Jersey: to the Department of Chemistry and Chemical Engineering for research on metal coordination of complexes

281. Sonic Research Foundation, Chicago: to the Department of Electrical Engineering for acoustics research

282. State University of Iowa, Iowa City, Iowa: to the Department of Electrical Engineering for ultrasonic research project

283. Stauffer Chemical Company, San Francisco, California: to the Department of Agronomy for studies on herbicides

284. Tee-Pak Foundation: to the Department of Food Technology for a study on various types of films as retardants to deterioration of meat and meat products

285. Telecomputing Corporation, Los Angeles, California: to the Department of Ceramic Engineering for a study of metal pyrophosphates

286. Texaco, Inc., New York, New York: to the Department of Agricultural Engineering for a study on methods and machines for more efficient application of anhydrous ammonia, aqua ammonia, and slurries of dry and liquid nutrients

287. Union Carbide Corporation, New York, New York: to the Departments of Chemistry and Chemical Engineering, Electrical Engineering, and Mechanical and Industrial Engineering for research

288. United States Steel Corporation, Pittsburgh, Pennsylvania: to the Department of Agricultural Economics for a study of the determination, tabulation, and critical analysis of existing barriers to the marketing of sterile concentrated milk

289. Upjohn Company, Kalamazoo, Michigan. To the Department of Chemistry and Chemical Engineering for research
To the Department of Plant Pathology for studies on new antibiotics
To the Radiocarbon Laboratory for a study of radioactive hydrogen in organic chemistry

290. Various donors: to the Department of Civil Engineering for a study of lime-pozzolon mixtures of soils
Burrrill Construction and Supply, New Kensington, Pennsylvania
Connecticut Light and Power Company, Berlin, Connecticut
G. and W. H. Corson, Plymouth Meeting, Pennsylvania
National Lime Association, Washington, D.C.

291. Various donors: to the University High School to continue a study on nonverbal awareness

292. Velsicol Chemical Corporation, Chicago. To the Department of Zoology for research on the toxicology of insecticides
To the State Natural History Survey for a study of residues in meat and milk
293. VioBin Corporation, Monticello.............. 6 500 00
   To the Department of Animal Science:
   For a study of fishmeal and fishmeal products in swine nutrition $1 700 00
   For a study of proteins and fats 400 00
   To the Department of Physical Education for Men for a study of the value of wheat germ oil in physical fitness programs 4 400 00
294. Hiram Walker and Sons, Inc., Detroit, Michigan: to the Department of Animal Science for a study on the nutritive properties of dried distillers' solubles in swine nutrition 760 00
295. Washington University, St. Louis, Missouri (from a grant from the Ford Foundation): to the Institute of Labor and Industrial Relations for a study of public and private job placement of middle-aged and older workers 3 025 00
296. Welding Research Council: to the Department of Civil Engineering for an investigation of welding procedure 10 000 00
297. Wisconsin-Minnesota Cooperative Bull Stud Group, Shawano, Wisconsin: to the Department of Dairy Science for a study of the effect of aging on the nuclear material of bovine spermatozoa 3 220 00

Total, Funds for Graduate Fellowships and Research $1 823 878 80

Funds for Educational, Research, Cultural, and Recreational Purposes Not Otherwise Classified

298. American Mathematical Society: to the Department of Mathematics for publication of a journal of mathematics (also financed in part by assignments from the George A. Miller Endowment) 1 200 00
299. Babcock and Wilcox Company, New York, New York: to the College of Engineering for engineering and technical education 1 400 00
300. Alfred Benesch and Company, Chicago: an unrestricted gift to the Department of Civil Engineering, in memory of the late V. M. Romine, an alumnus of the University of Illinois and formerly engineer of Bridge and Traffic Structures for the Illinois Division of Highways 2 000 00
301. California Company, New Orleans, Louisiana: an unrestricted grant to the Department of Geology 500 00
302. Champaign County Health Improvement Association, Champaign: to the Department of Speech and Theatre for the purchase of a tape recorder for the Speech and Hearing Clinic 149 21
303. Chicago Bridge and Iron Foundation, Chicago: an assistantship in civil engineering, 1961-62 7 000 00
304. Chicago 4-H Association: to the College of Agriculture for urban 4-H Club work 4 000 00
305. Continental Can Company, Inc., New York, New York: an unrestricted grant to the College of Engineering 500 00
306. Ford Foundation, New York, New York: for the participation of the Cooperative Extension Service in Agriculture and Home Economics in an educational program relating to public affairs and public responsibilities 6 500 00
307. Ford Motor Company, Dearborn, Michigan: to the Department of Mechanical and Industrial Engineering for development of laboratory facilities 10 000 00
308. Illinois Savings and Loan League, Springfield: to the Department of Finance for a Financial Institutions Seminar 1 468 08
309. Illinois State Academy of Science: to the Physical Plant Department for expenses in connection with the Junior Academy of Science Exposition held on the University of Illinois campus 4 700 00
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<thead>
<tr>
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<tbody>
<tr>
<td>310. Illinois State Florist Association: to the Department of Horticulture for the purchase of research equipment...</td>
<td>2 500.00</td>
<td></td>
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</tr>
<tr>
<td>311. Institute of Life Insurance, New York, New York: to the College of Education for a summer workshop on education in family finance...</td>
<td>3 250.00</td>
<td></td>
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</tr>
<tr>
<td>312. International Business Machines Corporation: to the Digital Computer Laboratory for support of computer oriented education (this is partial payment of a total grant of $125,000)</td>
<td>50 000.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>313. Inter-University Committee on Travel Grants: for travel expenses for members of the faculty in connection with their participation in the program of exchange of graduate students and young faculty members with the Soviet Union...</td>
<td>3 402.00</td>
<td></td>
<td></td>
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<tr>
<td>314. Kappa Tau Alpha, national honorary society in journalism: for expenses for an annual journalism banquet (to be added to the endowment fund established for this purpose)...</td>
<td>505.00</td>
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<tr>
<td>315. Charles F. Kettering Foundation, Hinsdale: to the Department of Chemistry and Chemical Engineering for a Visiting Lectureship in Chemistry (first payment of a $50,000 grant covering a five-year period)</td>
<td>10 000.00</td>
<td></td>
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</tr>
<tr>
<td>316. Mr. and Mrs. Charles J. Merriam: an unrestricted gift for a special fund to be established over a period of years...</td>
<td>22 345.35</td>
<td></td>
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<tr>
<td>317. National Education Association: to the Bureau of Educational Research for publication of a handbook...</td>
<td>1 000.00</td>
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<tr>
<td>318. Edward Orton Jr. Ceramic Foundation, Columbus, Ohio: to the Department of Ceramic Engineering for the purchase of equipment</td>
<td>5 000.00</td>
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<tr>
<td>319. Purdue Research Foundation, Lafayette, Indiana: to the Office of Instructional Television (The University of Illinois is one of twenty colleges and universities serving as resource institutions for the Midwest Program on Airborne Television instruction. The funds received are primarily for salaries, travel, and office expense incurred in assisting the public schools in eastern Illinois to receive, use, and evaluate these experimental programs.)</td>
<td>7 548.44</td>
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<tr>
<td>320. Tile Council of America, Inc., New York, New York: to the Department of Architecture for purchase of equipment in the area of materials and methods of construction...</td>
<td>250.00</td>
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<tr>
<td>321. Various donors: to the Department of Accountancy for expenses in connection with an International Conference on Accounting Education...</td>
<td>2 250.00</td>
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<tr>
<td>Amsted Industries Foundation, Chicago</td>
<td>$ 250.00</td>
<td></td>
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<tr>
<td>A. B. Dick Foundation, Chicago</td>
<td>500.00</td>
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<tr>
<td>Ernst and Ernst, Chicago</td>
<td>1 000.00</td>
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<tr>
<td>Price Waterhouse and Company, Chicago</td>
<td>500.00</td>
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<tr>
<td>322. Various donors: to the Department of Geography for an Atlas of Illinois Resources...</td>
<td>2 775.00</td>
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<tr>
<td>Central Illinois Electric and Gas Company, Rockford</td>
<td>$ 250.00</td>
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<tr>
<td>Central Illinois Public Service Company, Springfield</td>
<td>1 000.00</td>
<td></td>
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<tr>
<td>Commonwealth Edison Company, Chicago</td>
<td>1 000.00</td>
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<tr>
<td>Illinois Power Company, Decatur</td>
<td>300.00</td>
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<tr>
<td>Iowa-Illinois Gas and Electric Company, Davenport, Iowa</td>
<td>125.00</td>
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<tr>
<td>Union Electric Company, St. Louis, Missouri</td>
<td>100.00</td>
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<tr>
<td>323. Western Electric Fund, New York, New York: to the Department of Electrical Engineering for purchase of laboratory equipment...</td>
<td>895.00</td>
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<tr>
<td>Total, Funds for Educational, Research, Cultural, and Recreational Purposes Not Otherwise Classified...</td>
<td>$ 151 138.08</td>
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</tbody>
</table>
Educational Grants Fund

The Board of Trustees has established this fund and has authorized the President to make assignments from it for non-recurring educational purposes. The income is grants from foundations, business and industrial corporations to the University in recognition of the educational costs involved in accepting fellowships and scholarships, and of the service expense in administration of research grants. Contributions deposited in this fund were received from:

324. Alcoa Foundation, Pittsburgh, Pennsylvania. $375 00
325. Armco Foundation, Middletown, Ohio. 100 00
326. Budd Company, Philadelphia, Pennsylvania. 425 00
327. Campbell Soup Company, Chicago, Illinois. 3 500 00
328. Carle C. Conway Scholarship Foundation, New York, New York. 300 00
329. General Electric Foundation, Ossining, New York. 4 000 00
330. Hunt Foundation, Pittsburgh, Pennsylvania. 125 00
331. International Business Machines Corporation, New York, New York. 5 000 00
332. Mary C. Marsh bequest, Detroit, Michigan. 1 000 00
333. Marsteller, Inc., Chicago, Illinois. 25 00
334. Merck and Company, Inc., Rahway, New Jersey. 500 00
335. Owens-Corning Fiberglas Corporation, Toledo, Ohio. 500 00
336. Owens-Illinois Glass Company, Toledo, Ohio. 1 200 00
337. Radio Corporation of America, Princeton, New Jersey. 100 00
338. Rockefeller Foundation, New York, New York. 4 000 00
339. H. O. Sexton, Urbana, Illinois. 10 00
341. Woman's League, University of Illinois. 6 00

Total, Educational Grants. $21 516 00

Contributions from County Farm and Home Bureaus

342. To the Cooperative Extension Service in Agriculture and Home Economics for partial payment of salaries and operating expenses of farm and home advisers. $1 059 215 22

Gifts for Educational and Research Buildings and for Other Facilities

343. Robert Allerton: for acquisition of additional land adjoining Robert Allerton Park. $1 687 50
345. Eastman Kodak Company: for development of plans for a new chemistry building. 11 500 00
346. Moorman Company Fund, Quincy, Illinois: for buildings, equipment, and other facilities for animal breeding research. 30 000 00
347. University of Illinois Foundation: for architectural services on addition to Electrical Engineering Building. $18 918 67
For the Kranert Art Museum sculpture and acquisition of art objects (from the Kranert Foundation). 28 500 00
For the construction of the Veterinary Medical Research Building. 1 000 00

For construction of the Labor and Industrial Relations building. 8 500 00
348. Commonwealth Edison Company, Chicago. $3 000 00
349. Illinois State Council of Machinists, Quincy. 500 00
350. Magnavox Foundation, Inc., Ft. Wayne, Indiana. 2 500 00
351. Union Starch and Refining Foundation, Columbus, Indiana. 2,500.00
Gifts for this project from other donors have previously been reported.
For construction of the University Club. 30,000.00
352. Mr. and Mrs. Harold Boeschenstein. $10,000.00
353. William E. Levis. 10,000.00
354. Owens-Illinois Glass Company. 10,000.00
Total, Gifts for Educational and Research Buildings and for Other Facilities. $155,120.35

Federal Grants for Buildings and Other Facilities
355. National Institutes of Health. $490,027.00
   Physiology Research Laboratory. $76,000.00
   Zoonoses Laboratory Building. 81,695.00
   Electrical Engineering Bioacoustics Laboratory. 57,832.00
   Life Sciences Building, First Unit (Justin Smith Morrill Hall). 274,500.00
356. National Science Foundation. 184,765.00
   Addition to Electrical Engineering Building. $24,464.00
   Gaseous Electronics Laboratory. 46,736.00
   Digital Computer Laboratory. 42,005.00
   Entomology Laboratory Building. 37,808.00
   Natural History Building Remodeling. 24,900.00
   Scientific Equipment Program. 5,560.00
   Animal Genetics Laboratory. 3,292.00
Total, Federal Grants for Buildings and Other Facilities. $674,792.00

United States Government Grants and Research Contracts
357. Agency for International Development. $626,566.51
358. Air Force. 2,244,221.36
359. Army Chemical Corps. 42,145.34
360. Army Institute. 1,720.00
361. Army Ordnance. 405,957.59
362. Army Quartermaster Corps. 27,269.54
363. Army Signal Corps. 3,018,621.73
364. Army Surgeon General. 67,866.48
365. Atomic Energy Commission. 2,119,631.21
366. Bureau of Public Roads. 29,724.09
367. Defense Atomic Support Agency. 51,115.38
368. Department of Agriculture. 128,466.32
369. Engineering Center. 22,529.69
370. Fifth Army. 1,631.64
372. National Aeronautics and Space Administration. 284,634.00
373. National Bureau of Standards. 632.00
375. National Science Foundation. 1,605,548.62
376. Navy Bureau of Ships. 689,229.40
377. Navy Bureau of Yards and Docks. 10,000.00
378. Office of Education. 692,045.13
379. Office of Civil Defense. 22,613.37
380. Office of Naval Research. 1,977,889.04
381. Office of Vocational Rehabilitation. 51,490.17
382. Public Health Service. 2,805,687.44
383. Small Business Administration. 24,100.00
384. Tennessee Valley Authority. 917,021.00
Total, United States Government Grants and Research Contracts. $16,970,323.53

1 Deduct, refund of unused funds.
Research and Public Service Contracts with State of Illinois Agencies

385. Cities and Villages Municipal Problems Commission ........ $ 2,500.00
386. State Department of Agriculture .................................. 60,896.17
387. State Department of Conservation .................................... 80,307.22
388. State Department of Mental Health .................................... 25,751.55
389. State Department of Public Safety ..................................... 71,968.34
390. State Department of Public Works and Buildings, Division of Highways .......... 351,127.74
391. State Department of Registration and Education .................. 13,295.00
392. State Division of Vocational Rehabilitation ....................... 29,412.00
393. State Housing Board .................................................... 450.00
394. State Library ............................................................. 26,250.00
395. State Public Aid Commission ........................................... 13,000.00
396. State Superintendent of Public Instruction ......................... 11,939.29

Total, Research and Public Service Contracts with State of Illinois Agencies ................ $ 686,897.31

Miscellaneous Gifts of Equipment and Works of Art

397. Anonymous donor: to the Institute of Aviation a DC-3, N 28' U aircraft, including electronic equipment; estimated value .................................................. $ 125,000.00
398. Professor Arthur Bestor, University of Washington, Seattle: to the University Library, his personal and professional papers .......................................................... 2,000.00
399. Class of 1911: a bronze portrait (bust) of President Emeritus Lloyd Morey; estimated value .............................................................. 2,000.00
400. Collins Radio Company, Cedar Rapids, Iowa: to the Department of Electrical Engineering, a five-kilowatt broadcast transmitter; estimated value ........................................ 2,000.00
401. Dow Chemical Company, Midland, Michigan: to various departments, 133 cases of "Saran Wrap," a plastic wrapping material .............................................................. 1,012.60
402. Endevco Corporation, Pasadena, California: to the Department of Mechanical and Industrial Engineering, two accelerometers with cable assembly and tube; estimated value .............................................................. 1,012.60
403. Esso Research and Engineering Company, Linden, New Jersey: to the Department of Mechanical and Industrial Engineering, an Adiabatic compression machine; estimated value .............................................................. 30,000.00
404. General Electric Company, Schenectady, New York: to the Chemistry Library, the collected works of Irving Langmuir with contributions in memoriam .............................................................. 1,012.60
405. General Motors Corporation, Buick Motor Division: to the Department of Mechanical and Industrial Engineering, a 1962 Buick V-6 engine; estimated value .............................................................. 750.00
406. General Motors Corporation, Detroit, Michigan: to the Institute of Aviation, an eight-passenger Lockheed Lodestar executive-equipped aircraft; estimated value .............................................................. 50,000.00
407. A. O. Smith Harvestore Products, Inc., Kankakee: to the Department of Animal Science, three silos plus accessory equipment; estimated value .............................................................. 18,589.00
408. Henderson Manufacturing Company, Fisher: to the Department of Horticulture, one 18T Henderson thin-cut machine (lawn mower); estimated value .............................................................. 125.00
409. Dr. David D. Henry, Urbana, to the Speech and Hearing Clinic, a Maico hearing aid, and to the Physical Plant Department, a screen house .............................................................. 425.00
410. Illinois and Midwest Lawn Company: to the Department of Plant Pathology, a Jacobsen mower; estimated value .............................................................. 1,012.60
411. Illinois Farm Supply Company, Bloomington: to the Department of Agricultural Engineering, a Model 200 high moisture roller mill complete with three-horsepower motor; estimated value ................................................................. 500 00

412. Lincoln Memorial University Press, Harrogate, Tennessee: to the Illini Union Lending Library, a print of Abraham Lincoln. .................................................................

413. Packard Instrument Company, Inc., La Grange: to the Departments of Botany, Chemistry and Chemical Engineering, and Microbiology, parts to modernize and update four Model 314A Packard spectrophotometers; estimated value........ 4 000 00

414. Paul Grady, Partner in Price Waterhouse and Company, New York, New York: to the University Library, reports of the Hoover Commissions and a collection of books about President Herbert Hoover (approximately fifty volumes). .................................................................

415. Roberts and Schaefer Company, Chicago: to the Department of Mining, Metallurgy, and Petroleum Engineering, the Dutch State Mines Heavy Medium Cyclone display equipment used at the May 1961 American Mining Congress Coal Show; estimated value................................................................. 1 000 00

416. Miss Betsy Ross, Urbana: a State flag (this flag was in the home of Miss Ross' late uncle, President Arthur Cutts Willard, and was a personal gift from Governor Henry Horner to President Willard). .................................................................

417. Leon Short and Son, Keokuk, Iowa: to the College of Agriculture, one Jacobsen Greensmower 22 inches; estimated value................................................................. 200 00

418. Estate of the late Isabelle Smith: a Noah Webster Grammar, 1807, bequeathed to the University in memory of Isabelle Smith's grandfather, Mr. Larkin B. Smith, a deceased resident of Illinois. .................................................................

419. Union Carbide Corporation, New York, New York: To the Department of Civil Engineering, miscellaneous equipment; estimated value......................... 2 814 20

To the Department of Mining, Metallurgy, and Petroleum Engineering, scientific equipment; estimated value........ 3 375 00

420. WTVP, Decatur: to the Department of Broadcasting, an iconoscope and a monoscope. .................................................................

421. Dr. Herbert S. Zim, Tavernier, Florida: to the Museum of Natural History, a collection of archaeological specimens; estimated value................................................................. 2 662 00

Gifts to the Krannert Art Museum. ........................................................................ 97 156 00

422. Mr. Leonard Bocour, Artists Colors Inc., New York, New York: an oil on masonite, "Torah," by Jonah Kingstein; estimated value......................... 1 000 00

423. Mr. Phillip Bruno, Staempfli Gallery, New York, New York: Water color, "Study for Sculpture," by Sidney Gordin; estimated value.................................................. 100 00

Wax pastel, "Sleeping Warrior," by Mirko (Basaldella); estimated value......................... 250 00

Painting, "Still Life," by Giuseppe Napoli; estimated value........................................ 500 00

Gouache, "The Cellists," by Bernard Reder; estimated value........................................ 250 00

Water color, "Composition," by Ralph Rosenborg; estimated value.............................. 400 00

Oil on paper, "Landscape," by Ralph Rosenborg; estimated value.............................. 400 00

424. Miss Juliette Dean, Manteno, Illinois: four drawings, pencil on paper, untitled; estimated value. ........................................................................ 200 00

425. Ford Foundation, New York, New York: a painting, "Standing Nude Female," by Raphael Soyer; estimated value................................................................. 5 000 00
426. Mr. George J. Goldstein, Chicago: a painting, "Portrait of a Gentleman," by Gerard van Honthorst; estimated value $4,700
427. Mr. W. B. Greene, Barber-Greene Company, Aurora: a bronze study for Penelope, by Antoine Boudelle; estimated value $2,250
428. Dr. Karl A. Meyer, Chicago, prints and lithographs; estimated value $4,506
429. Mr. Morrie A. Moss, Memphis, Tennessee, paintings: "Portrait of Thomas Cobb," by John Hoppner; estimated value $13,500
"Portrait of Lady Frances Douglas"; estimated value $15,000
"Love or Money," by Cornelis van Haarlen; estimated value $12,000
"Holy Family," by Frans Floris; estimated value $12,000
"Seascape," by Aelbert Cuyp; estimated value $18,000
Water color, "Sorrento," by K. Cox; estimated value $150
431. Mrs. Helen Norcross, Provincetown, Massachusetts: a painting, "Conversation Piece," by Victor Candell; estimated value $800
432. Miss Collete Roberts, Grand Central Moderns Gallery, New York, New York: a painting, "Cathedral in the Woods," by Jennette Lam; estimated value $700
433. Mr. Herman Spertus, Glencoe, a painting by Albert Bloch; estimated value $4,000
434. Allen Tucker Memorial, a painting, "Incoming Fog," by Allen Tucker; estimated value $1,200

Total, Miscellaneous Gifts of Equipment and Works of Art ........................................ $341,608.80
Total, Colleges and Schools at Urbana-Champaign ............................................................. $22,554,902.12

Colleges at the Medical Center

Scholarships, Prizes, and Other Financial Aids

435. American Foundation for Pharmaceutical Education: two scholarships in pharmacy .................................................. $400
436. Avalon Foundation: scholarships in medicine ................................................................. $26,000
437. Miss Bertha Berkelhamer, Chicago: annual Dr. Ralph C. Berkelhamer Scholarship .......................................................... $100
438. Warren H. Cole Society: scholarship for a freshman student in medicine ................................................................. $500
439. Ford Hopkins Drug Company: scholarship in pharmacy ................................................... $200
440. Goldenrod Ice Cream Company, Chicago: two scholarships in pharmacy ................................................................. $400
441. Humiston-Keeling and Company, Chicago: two scholarships in pharmacy ................................................................. $400
442. Illinois Federation of Women's Clubs, Chicago: scholarships in occupational therapy ................................................................. $600
443. Lag Drug Company: scholarship in pharmacy ................................................................. $300
444. Estate of the late Dr. David Mortimer Olkon, an alumnus and former member of the faculty of the College of Medicine: endowment of annual scholarships to outstanding senior medical students in neurology and psychiatry (this bequest was reported to the Board of Trustees on March 17, 1962) .................................................. $6,000
445. Osco Drug Company, Inc.: scholarships in pharmacy ................................................................. $800
446. Photo Service, Inc., Des Plaines: two scholarships in pharmacy ($300 each) ................................................................. $600
306 BOARD OF TRUSTEES

[December 19]

447. Sargent's Drug Stores: scholarship in pharmacy............. 200 00
448. Stineway Drug Company: scholarship in pharmacy............. 200 00
450. Women's Auxiliary at the Medical Center: scholarships in dentistry, medicine, nursing, and pharmacy............. 1 000 00
451. Woman's Organization of the Chicago Retail Druggists' Association: scholarship in pharmacy............. 250 00
452. Block Drug Company, Jersey City, New Jersey: an award in an essay competition for seniors in dentistry............. 200 00
453. Midwest Oral Rehabilitation Study Group, Chicago: an award to a graduating student who is outstanding in a particular phase of clinical dentistry............. 25 00
454. Dr. Stanley D. Tylman, Professor Emeritus, College of Dentistry: annual $100 awards to dental students............. 1 000 00
455. Dr. Edward C. Wach, Associate Professor Emeritus, College of Dentistry: to establish an endowment fund, the income to provide cash prizes to fourth-year students in dentistry who are successful in a thesis competition............. 3 000 00
456. Various donors: to purchase furnishings for a student lounge in the East Dentistry-Medicine-Pharmacy Building............. 643 53
College of Pharmacy Student Council.................. $ 500 00
College of Pharmacy Class of 1959.................. 100 00
College of Pharmacy Class of 1961.................. 43 53
457. American Dental Association: loans for dental students.... 3 433 50
458. Merck Company Foundation, Rahway, New Jersey: the George W. Merck Memorial Loan Fund to provide loans for interns and residents in medicine............. 4 000 00
459. Women's Auxiliary at the Medical Center: long-term student loans .......... 2 000 00

Total, Scholarships, Prizes, and Other Financial Aids. $ 52,518 70

Funds for Fellowships and Research
460. Evanston Drama Club: fellowships in orthopaedic surgery.................................................. $ 1 000 00
461. Samuel Higby Camp Foundation: visiting professorship in orthopaedic surgery .................................. 1 000 00
462. National Hemophilia Foundation: summer fellowships ......... 600 00

(2 600 00)

463. Abbott Laboratories, North Chicago.......................................................... 10 500 00
To the Department of Chemistry, College of Pharmacy, for research........................................ $ 500 00
To the Department of Pediatrics for a study of the isolation and chemical identification of platelet stimulating factor........................................ 3 500 00
To the Department of Surgery to test various protein fractions of sheep and bovine serum for effect on tumor growth........................................ 4 000 00
To the Department of Dermatology for a study to determine the antipruritic value of homochlorcyclizine........................................ 500 00
To the Department of Pharmacology, College of Medicine, for a study on preparation of antibodies for production of passive immunity and to test various protein fractions of sheep and bovine serum for effect on tumor growth........................................ 2 000 00

464. American Academy of Pediatrics, Evanston: to the Department of Pediatrics for a study of the isolation and purification of plasma factors involved in stimulation and inhibition of thromboporesis........................................ 3 725 00

465. American Association of Anatomists: an endowment fund, the income to be used for a seminar in anatomy............. 1 220 68
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<tr>
<th>Number</th>
<th>Organization</th>
<th>Department/Project</th>
<th>Amount</th>
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<tbody>
<tr>
<td>466</td>
<td>American Cancer Society, Inc., New York, New York: to the College of Medicine</td>
<td>Department of Biological Chemistry for a study of the separation of enzymes from normal and pathological serum using cellulose ion exchangers</td>
<td>$22,821.00</td>
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<td>467</td>
<td>American Cyanamid Company, Lederle Laboratories Division, Pearl River, New York</td>
<td>to the Department of Medicine ($9,400) and to the Department of Preventive Medicine ($600) for an investigation of infectious diseases and related fields.</td>
<td>$10,000.00</td>
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<tr>
<td>468</td>
<td>American Dental Association: to the Department of Applied Materia Medica and Therapeutics for a study on local anesthesia</td>
<td></td>
<td>$1,000.00</td>
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<tr>
<td>469</td>
<td>American Heart Association: to the College of Medicine</td>
<td>Department of Medicine for investigations on the kidney in health and disease</td>
<td>$1,000.00</td>
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<tr>
<td>470</td>
<td>American Heart Association: to the College of Medicine</td>
<td>Office of Research in Medical Education</td>
<td>$3,500.00</td>
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<tr>
<td>471</td>
<td>American Rheumatism Association Committee on Cooperative Clinics, New York University</td>
<td>to the Department of Medicine for a variability study</td>
<td>$1,700.00</td>
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<td>472</td>
<td>Arthritis and Rheumatism Foundation: to the College of Medicine</td>
<td>Department of Medicine for a study of the effect of different environmental conditions and pharmacologic agents on the vascular responses in the digits in rheumatoid arthritis</td>
<td>$1,095.00</td>
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<td>Department of Pediatrics for a study of gout in infancy</td>
<td>$250.00</td>
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<td>473</td>
<td>Asthmatic Children's Aid, Chicago: to the Department of Medicine</td>
<td>Studies of factors which influence the development of bronchial asthma</td>
<td>$13,400.00</td>
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<td>474</td>
<td>Chicago Dysautonomia Society, Inc., Chicago: to the Department of Pharmacognosy and Pharmacology, College of Pharmacy</td>
<td>for a study on acetylcholine metabolism and dysautonomia</td>
<td>$1,106.00</td>
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</table>
475. Chicago Heart Association: to the College of Medicine... 21 852 84
   Department of Medicine for a study of hepatic and myocardial factors in the production of digi-
   tally's toxicity ...........................................$6 759 00
   Department of Pediatrics for studies on the coag-
   ulation mechanism in extra-corporeal circulation... 2 883 84
   Department of Preventive Medicine for a study of
   the biochemical, medical, and psychological param-
   eters of the acute pressor response in hypertensive
   subjects ................................................... 6 622 00
   Department of Surgery for a study of the dacron
   outflow tract for right ventricle.......................... 5 588 00

476. Children's Research Foundation, Chicago: to the Depart-
   ment of Psychiatry for research in Tay-Sachs disease...... 600 00

477. Clairol Incorporated Research Laboratories: to the Depart-
   ment of Dermatology for a study of time-concentration
   relationship in eczematous allergic reactions................ 3 500 00

478. Deerfield Area United Fund, Inc., Deerfield: to the Depart-
   ment of Surgery to add to the Deerfield-Bannockburn Fund
   for cancer research ........................................... 928 95

479. Dr. Ward H. Eastman, Peoria: to the Department of
   Surgery for the Ward Eastman and James Hurlbut Gift
   Fund for cancer research ...................................... 100 00

480. Eureka United Fund: to the Department of Surgery for
   cardiovascular research ...................................... 500 00

481. Employees of the Federal Reserve Bank of Chicago: to the
   Department of Preventive Medicine for research related
   to polo care ................................................ 1 000 00

482. Marlin D. Fisher, Stronghurst: to the Department of Sur-
   gery for the Clarence Hartquist Cancer Research Fund..... 403 00

483. Geigy Pharmaceuticals, Yonkers, New York: to the Depart-
   ment of Medicine for research on the treatment of hyper-
   tension ....................................................... 3 000 00

484. Illinois Federation of Women's Clubs, Chicago: to the
   Department of Surgery for cancer research........................ 1 000 00

485. Ivy Cancer Research Foundation, Chicago: for cancer
   research ....................................................... 7 005 00

486. Jeanette M. Johnson, Fort Lauderdale, Florida: to the De-
   partment of Surgery for the Clarence Hartquist Cancer
   Research Fund ................................................ 10 00

487. Kidney Disease Foundation of Illinois, Chicago: to the
   Department of Medicine for a study of renal lesions induced
   by heterologous insulin; an example of foreign protein
   nephritis ...................................................... 3 750 00

488. Leukemia Research Foundation: to the College of Medicine
   Department of Biological Chemistry for a study of
   the biosynthesis of plasma glycoproteins.................... $8 000 00
   Department of Pediatrics for a study on platelet
   stimulating factor in leukemia .................................. 5 500 00

489. Leukemia Society, Inc.: to the Department of Pediatrics for
   a study on the effect of human platelet stimulating factor in
   marrows aplasia ............................................... 2 840 00

490. Mrs. Polly Levee, Philadelphia, Pennsylvania: to the De-
   partment of Surgery for cancer research ....................... 2 500 00

491. Nathan Manilow Foundation, Chicago: to the Department of
   Otolaryngology, College of Medicine, for research .......... 15 000 00

492. Markle Foundation: to the Department of Psychiatry for
   research ......................................................... 6 000 00

493. Dr. George Matula, Chicago: to the Department of Bio-
   chemistry, College of Medicine, for an endowment fund,
   income to be used for research in oral biochemistry...... 11 776 00

494. Mead Johnson and Company: to the Department of Pedi-
   atrics for a study of prophylaxis of anemia of prematurity. 6 000 00
495. Merck, Sharp, and Dohme Research Laboratories, West Point, Pennsylvania: to the College of Medicine for a study of expansion and completion of studies on "Decadron" inhalation aerosols ............................................... $5,000.00
Department of Preventive Medicine for a study of the effect of therapeutic agents on some perceptual and psychometric tests in man ............................................. 5,000.00

496. National Association for Mental Health, New York, New York: to the Department of Psychiatry for a study of the synthesis and breakdown of proteins, nucleic acids, etc., in neurons and glia in culture ............................................. $5,000.00
For research in schizophrenia ............................................. 4,500.00

497. The National Foundation: to the Department of Preventive Medicine for the Respiratory Center ............................................... 35,000.00

498. National Fund for Medical Education: to the College of Medicine for research ............................................... 4,590.00

499. George S. Oberne, Chicago: to the Department of Surgery for the Alva M. Oberne Cancer Research Fund ............................................... 50.00

500. Pfizer Laboratories: to the Department of Anatomy for a study of experimental acute pancreatitis ............................................... 700.00

501. Prospect Heights' Annual Appeal: to the Department of Surgery for cancer research ............................................... 1,443.74

502. Riker Laboratories: to the Department of Neurology and Neurological Surgery for a study of anticonvulsant properties in drugs ............................................... 4,600.00

503. Roanoke Area United Funds Appeal, Roanoke: to the Department of Surgery for cancer research ($466.99) and for heart research ($280.19) ............................................... 747.18

504. Ross Laboratories, Columbus, Ohio: to the Department of Pediatrics for a study of hematopoiesis in early infancy ............................................... 10,000.00

505. Sandoz Pharmaceuticals, Hanover, New Jersey: to the College of Medicine, Department of Medicine for a study of chemical mediators ............................................... $2,500.00
Department of Preventive Medicine for a study of hypertension and headache mechanisms ............................................... 10,000.00
Department of Preventive Medicine for a study of newer methods of evaluating analgesic agents in man ............................................... 10,000.00

506. Schering Corporation: to the Department of Medicine for research ............................................... 5,000.00

507. G. D. Searle and Company, Chicago: to the Department of Medicine for a study of the treatment of hypertension with diuretics and aldactone ............................................... 3,000.00

508. Smith, Kline, and French Laboratories, Philadelphia, Pennsylvania: to the Department of Medicine for research on antiviral chemotherapy ............................................... 14,818.60

509. E. R. Squibb and Company: to the Department of Medicine for a clinical study of anti-hypertensive drugs ............................................... 1,000.00

510. Teagle Foundation, Inc., New York, New York: to the Department of Psychiatry for paralysis agitans research ............................................... 8,000.00

511. Tuberculosis Institute of Chicago and Cook County: to the Department of Microbiology for a laboratory investigation into the possible synergistic relation between penicillin and isoniazid against the tubercle bacillus ............................................... 2,300.00

512. University of Chicago: to the Department of Medical Social Service for research ............................................... 8,681.15

513. Various donors: to the Department of Fixed Partial Prosthodontics, College of Dentistry, for the Mary Lloyd Somatic Prosthesis Fund ............................................... 175.00
514. Various donors: to the Department of Preventive Medicine to the Arthur S. Littlefield Memorial Fund for pulmonary studies .......................................................... 99 00

515. Various donors: to the Department of Surgery for the Bristow Cancer Research Fund in memory of the late Chief Justice George W. Bristow of the Supreme Court of Illinois 1 448 00

516. Warner-Lambert Pharmaceutical Company: to the Department of Preventive Medicine for a study of the treatment of diarrhea .......................................................... 10 510 00

Total, Funds for Fellowships and Research ....... $ 517 639 97

Funds for Educational and Research Programs

517. American Cancer Society, Illinois Division: to the Tumor Clinic Cancer Registry for clerical salaries and office supplies .................................................. $ 5 000 00

518. Chicago Dental Assistants Association, Evanston: an unrestricted gift to the College of Dentistry .................................................. 25 00

519. The Commonwealth Fund, New York, New York: to the College of Medicine for a study and evaluation of medical education .................................................. 64 000 00

520. Fund for Dental Education, Chicago: to the Department of Pedodontics, College of Dentistry, for the publication of proceedings of the conference on the teaching of manual skills .................................................. 1 500 00

521. W. K. Kellogg Foundation, Battle Creek, Michigan: for the teacher education program in the College of Dentistry ........................................ 35 091 00

522. Mead Johnson and Company: to establish a Pediatric Residents' Education Fund .................................................. 500 00

523. National Fund for Medical Education: to the College of Medicine for instructional grants .................................................. 62 755 00

524. Dr. Anthony J. J. Rourke: to the College of Medicine for its educational program .................................................. 100 00

525. Various donors: to the Division of Services for Crippled Children .................................................. 51 992 04

526. Various donors: to the Department of Dermatology .................................................. 550 00

Mr. Alvin K. Anderson, Chicago
Dr. Carl Herzog, Duke Laboratories, Inc., South Norwalk, Connecticut

527. Various donors: to the Department of Medicine .................................................. 1 969 08

Snooth Boot Enterprises, Busey Hall, Urbana Campus
Delavan Community Chest, Delavan
Princeville Community Council Fund Drive
Charles Kulosky, Chicago, in memory of Martin Kulosky
In memory of Landon B. Stableford

528. Various donors: to the Department of Neurology and Neurological Surgery .................................................. 40 00

Mr. and Mrs. L. F. Annable, Western Springs, in memory of Mr. Samuel Soll
Marilyn and Jacques Beardsley, Chicago; Paul F. Bovyn, Glenview; and Lily and Roy Campbell, Ontario, Canada; in memory of Ronald Johns

529. Various donors: to the Department of Occupational Therapy Diseases Club
First Congregational Church, Oak Park
Hinsdale Sewing Group
Mrs. Virginia Meehan, Country Club Hills
National Doll Collector's Club, Chicago
Rogers Park Woman's Club, Chicago
Women's Auxiliary at the Medical Center

500 38
530. Various donors: to the Department of Orthodontics, College of Dentistry, for the "Special Alumni Fund".................. 1 600 00
Dr. M. P. Breidt, Patterson, New Jersey
Dr. Silas J. Kloehn, Appleton, Wisconsin
Dr. John S. Kloehn, Appleton, Wisconsin
Dr. Arthur B. Lewis, Dayton, Ohio
University of Illinois Dental Alumni Society of Ohio
Dr. Joseph J. Schachter, Saskatoon, Saskatchewan, Canada
Dr. Henry A. Sturman, Hartford, Connecticut

531. Various donors: to the Department of Orthopaedic Surgery
American Limb and Orthopedic Company, Chicago
Representative George W. Dunne, Chicago
Kappa Alpha Theta Sorority, Evanston
New York University
Mr. and Mrs. Richard P. Thornton, Glen Ellyn
Women of the Rotary Club, Chicago

532. Various donors: to the Department of Otolaryngology..... 2 180 00
Mrs. Gerald Abramovitz, Chicago
Beltone Institute for Hearing Research
Dr. E. L. Chainski, Lake Forest
Dr. F. L. Lederer and Mrs. Lederer
Mrs. H. Meilieu, Lansing
Mrs. Harry Sager, Highland Park
Mrs. Wendel A. Witkay

533. Various donors: to the Department of Pediatrics............. 801 00
Mr. and Mrs. Donald Brown, Mundelein
Mr. Lawrence J. Droghetti, Chicago
Gould National Batteries, Kankakee
Hearth and Garden Club, Austin Woman's Club
LaSalle Steel Foundation, Inc., Chicago
Mrs. Jac C. Ridinger, in memory of Johnny Kniskern
Mrs. C. C. Sberna, Mundelein
Various donors, in memory of Scott Lindeman
Mr. and Mrs. M. R. Whitaker, Mundelein
Mr. and Mrs. Melvin Young, Kankakee

534. Various donors: to the Department of Surgery.............. 1 584 75
Aid United Givers
Harold C. Alford, Lockport
Mr. and Mrs. L. F. Annable
Mr. and Mrs. Wayne Bernhardt
Harold Cohn, Alfred Lloyd Corporation, in memory of Mrs. Sally Wolin
William DeFotis, Chicago
Mr. and Mrs. Sydney Galvin, Shaker Heights, Ohio, in memory of Ira Pink
Dr. Claude L. Geyer
Mr. and Mrs. Russell Gleasons, Chicago
Mrs. Rose Glick, in memory of Mrs. Sally Wolin
Emery E. Klineman, New Jersey, in memory of Ira Pink
Montgomery Ward and Company, Chicago
Dr. R. G. Mrazek, Berwyn
Gilbert P. O'Connor, Oak Park
Herbert Pallat, Chicago
Mr. and Mrs. Peterson, Maywood
Mr. and Mrs. V. A. Sondergaard, Dwight
Dr. William Requarth, Decatur
Mrs. Michael Sleppin, Chicago
Kermit A. Slobb, American Broadcasting Company, Chicago,
in memory of Byron Speirs
Various donors, in memory of April Legette

535. Watson Gailey Eye Foundation, Bloomington: to the Department of Ophthalmology, for a resident-training program 1 000 00

Total, Funds for Educational and Research Programs.$ 233 100 39
Federal Grants for Buildings and Other Facilities
536. Public Health Service: for Medical Research Laboratory. $ 37,500.00

United States Government Grants and Research Contracts
537. Air Force $ 2,054.12
538. Agency for International Development $ 19,743.79
539. Army Chemical Corps $ 40,085.00
540. Army Surgeon General $ 138,384.44
541. Atomic Energy Commission $ 6,750.00
542. National Science Foundation $ 46,311.44
543. Office of Naval Research $ 28,158.17
544. Office of Vocational Rehabilitation $ 6,748.18
545. Public Health Service $ 2,676,095.22

Total, Funds for Educational and Research Programs $ 2,964,330.36

Research and Public Service Contracts with State of Illinois Agencies
546. State Department of Mental Health $ 126,895.73
Psychosomatic differentiation in infancy $ 53,607.90
Relation of neural metabolism to function $ 22,273.28
Psychological factors in psychosomatic disease of children $ 2,036.68
Tissue culture of neurons $ 44,946.90
The role of the proteins of the brain in normal and abnormal brain function $ 4,030.97

Total, Research and Public Service Contracts with State of Illinois Agencies $ 126,895.73

Gifts of Equipment and Library Materials
548. Dr. N. B. Roberg: to the Department of Medicine, an air conditioner; estimated value $ 271.00
549. Mrs. Ida Mae Schroeder, Chicago: To the Department of Orthopedics, a Hoyer lifter; estimated value $ 150.00
To the Department of Physical Medicine and Rehabilitation, an American electric wheelchair with Blitz battery charger; estimated value $ 500.00
550. Royal Metal Furniture Company: to the Business Office, two chairs; estimated value $ 36.00

Total, Gifts of Equipment and Library Materials $ 1,207.00
Total, Colleges at the Medical Center $ 3,933,192.15

Chicago Undergraduate Division
551. Foundry Educational Foundation, Cleveland, Ohio $ 2,150.00
Scholarships in engineering $ 1,400.00
Unrestricted grant in engineering $ 750.00
552. Professor O. L. Raaback, an endowment fund of scholarships in physics $ 1,000.00
553. National Science Foundation $ 3,059.53
Gifts to the Illini Union:
554. Anonymous donor, one Hi-Fi Motorola $ 738.60
555. Mr. Titus Haffa, Chicago, a Webcor stereo AM-FM radio-phonograph $ 400.00
556. Vice-President Norman A. Parker, Chicago: one portable color television set, with antenna $ 700.00

Total, Chicago Undergraduate Division $ 8,048.13

Gifts to the University of Illinois Foundation
557. Envelope Fund Projects (formerly Illini Achievement Fund) $ 184,723.07
1962]

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558. Other Gifts for Current Purposes ........................................ 95 734 77
559. Endowment Funds .......................................................... 94 836 65
560. Funds for Physical Plant Purposes ...................................... 177 525 51

Total, Gifts to the University of Illinois Foundation ............ $ 552 820 00

Summary

Funds from Private Donors
To the University
For Urbana-Champaign ........................................ $ 3 972 889 28
For Chicago Colleges and Divisions .................................. 809 454 66
(4 782 343 94)

To the University of Illinois Foundation ................................ 552 820 00

Total ................................................................. $ 5 335 163 91

Funds from United States Government
Total for Urbana-Champaign (including $250,000 from National
Defense Education Act for student loan programs for all
campuses) .......................................................... $17 895 115 53
Total for Chicago Colleges and Divisions ................................ 3 004 889 89

Total ................................................................. $20 900 005 42

Funds from Contracts with State of Illinois Agencies
Total for Urbana-Champaign ........................................ $ 686 897 31
Total for Chicago Colleges and Divisions ................................ 126 895 73

Total ................................................................. $ 813 793 04

Grand Total .......................................................... $27 048 962 40

This report was received for record.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments
made by the President; graduate fellows; resignations, cancellations,
declinations, and terminations; leaves of absence; changes in sabbatical
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.)

AARONSON, DONALD W., Clinical Assistant in Medicine (Medicine), eleven
months from October 1, 1962, without salary (11-16-62).

ABBOTT, BERNARD C., Professor of Physiology and Biophysics, indefinite tenure
from September 1, 1962, to render service during each academic year,
$15,000 a year, supersedes (11-12-62).

ADAMS, JAMES M., Assistant in the Institute of Aviation (Flight), October 22,

ANDERSON, ERNEST G., Visiting Professor of Genetics (Agronomy) (S), ½ time,
one month from September 1, 1962, $500 (10-31-62).

ARCHIBALD, KATHLEEN, Research Associate in the Institute of Communications
Research, ½ time, six months from October 1, 1962, $2,000 (10-31-62).

ARIA\, B\, L\, Assistant in Neurology and Neurological Surgery (Medicine),
one year from July 1, 1962, without salary (11-8-62).

AUKES, LEWIS E., Research Assistant in the Office of Instructional Research
(Provost's Office), one year from September 1, 1962, $7,500 (10-30-62).

BAKER, MARJORIE G., Assistant in Nursing, eleven months from October 1, 1962,
$6,000 a year (10-23-62).

BARTEL, DONALD L., Assistant in General Engineering (C), February 1-June 15,
1963, $2,050 (11-20-62).

BASS, ALAN R., Research Associate in Psychology, ½ time, September 16, 1962-

BATeman, PAUL T., Professor of Mathematics and Associate Head of the Depart-
ment, indefinite tenure from October 1, 1962, to render service during each
academic year, $16,000 a year, supersedes (11-15-62).
BEDFORD, Norton M., Professor of Accountancy, indefinite tenure from September 1, 1962, to render service during each academic year, $17,000 a year, supersedes (10-29-62).

Bennett, Mrs. Sara A., Research Assistant in the Coordinated Science Laboratory (C), seven months from February 1, 1963, $500 a month (12-5-62).

Brechtold, Max, Research Associate in Dairy Science (S), October 18, 1962-August 31, 1963, $6,600 a year (11-8-62).

Bereskin, Ben, Research Associate in Dairy Science (S), October 16, 1962-August 31, 1963, $6,850 a year (11-8-62).

Blevins, Mrs. Marcia J., Reference Assistant in the Library, nine months from December 1, 1962, $5,500 a year, supersedes (11-16-62).

Bogdonoff, Diana R., Assistant in Dermatology (Medicine), one year from July 1, 1962, without salary (11-12-62).

Borowitz, Gene H., Instructor in Psychiatry (Medicine), eleven months from October 1, 1962, $13,000 a year, supersedes (10-24-62).

Boxer, Robert W., Clinical Instructor in Medicine (Medicine), ten months from November 1, 1962, without salary (11-27-62).

Boyce, Ronald R., Assistant Professor in the Bureau of Community Planning (College of Fine and Applied Arts), 1/4 time, and of Geography (College of Liberal Arts and Sciences), 1/4 time, one year from September 1, 1962, $9,800, supersedes (11-13-62).

Brzemer, Ronald W., Instructor in Biochemistry, academic year beginning September 1, 1962, $7,000 (10-23-62).

Butler, Mrs. Barbara D., Research Assistant in Physiology and Biophysics, November 1, 1962-June 15, 1963, $450 a month, supersedes nonacademic appointment (11-8-62).

Butler, (Mr.) Beverly J., Assistant Professor of Agricultural Engineering (C and S), November 16, 1962-August 31, 1963, $9,900 a year, supersedes (11-28-62).

Buzygian, Danuta U., Instructor in Pediatrics (Medicine) and in Cleft Palate Center (Dentistry), 72/100 time, one year from September 1, 1962, $5,200, supersedes (10-23-62).

Carlston, John A., Clinical Instructor in Medicine (Medicine), one year from September 1, 1962, without salary (11-16-62).

Carson, Ralph S., Research Associate in Electrical Engineering (S), nine months from December 1, 1962, $6,500 a year, supersedes (11-30-62).

Cicenas, Zinna, Assistant Chief Pharmacist in Hospital Pharmacy (Research and Educational Hospitals) (Pharmacy), October 22, 1962-August 31, 1963, $8,000 a year (10-31-62).

Cizowski, Raymond, Registered Pharmacist in Manufacturing Pharmacy (Pharmacy), nine months from December 1, 1962, $7,000 a year, supersedes (11-15-62).

Crank, Floyd L., Associate Professor of Education, academic year beginning September 1, 1962, $8,950; and Associate Professor of Business Education and of Education, indefinite tenure from September 1, 1963, to render service during each academic year, $8,700 a year, supersedes (11-13-62).

Cumlish, Brian J., Research Associate in the Small Homes Council-Building Research Council, two months from October 16, 1962, $1,000 a month (10-31-62).

Cutler, Douglas, Research Associate in Metallurgy (C), October 25, 1962-August 31, 1963, $8,000 a year, supersedes (10-31-62).

Diament, Sydne A., Assistant in Dermatology (Medicine), one year from July 1, 1962, without salary (11-8-62).

Dondanville, Louis E., Clinical Instructor in Medicine (Medicine), eleven months from October 1, 1962, without salary (11-16-62).

Dougherty, Norris R., Clinical Instructor in Medicine (Medicine), eleven months from October 1, 1962, without salary (10-23-62).

Drake, Darrell M., Research Associate in Physics (C), January 16-August 31, 1963, $8,000 a year (12-5-62).

Duckwall, James W., Research Associate in the Statistical Service Unit (Provost's Office), nine months from December 1, 1962, $9,000 a year (11-13-62).

Elmore, Rodney D., Research Assistant in Electrical Engineering (S), ten months from November 1, 1962, $5,200 a year, supersedes (11-16-62).
ERICHSEN, ALVIN W., Research Associate in Plant Breeding (Agronomy) (S), ten months from November 1, 1962, $6,500 a year (11-16-62).

FERNANDEZ, ALDO A., Clinical Instructor in Medicine (Medicine), eleven months from October 1, 1962, without salary (10-23-62).

FETROW, KENNETH O., Clinical Instructor in Orthopaedic Surgery (Medicine), eleven months from October 1, 1962, without salary (10-23-62).

FISCHER-WYBREGT, SUSANNA H., Research Associate in Pediatrics (Medicine), one year from September 1, 1962, $6,640 (10-29-62).

FLENNER, ROSS H., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1962, $5,000, supersedes (10-29-62).

FOGEL, JEROLD S., Registered Pharmacist in Hospital Pharmacy (Research and Educational Hospitals) (Pharmacy), October 29, 1962-August 31, 1963, $7,500 a year (11-12-62).

FRAENKEL, GOTTFRIED S., Professor of Entomology and Associate Member of the Center for Advanced Study (College of Liberal Arts and Sciences, Graduate College), one year from September 1, 1962, $17,700; and from September 1, 1963, indefinite tenure, to render service during each academic year, $14,500 a year, supersedes (10-24-62).

FREUND, ERIC C., Research Associate in the Bureau of Community Planning, eleven months from October 1, 1962, $7,700 a year; on leave of absence, without pay, from October 22, 1962, through December 31, 1962 (11-9-62).

GARCIA-MOLINER, CARMEN, Research Associate in Microbiology, 1/2 time, ten months from November 1, 1962, $2,438 (11-12-62).

GOULD, ORRINE., Assistant Professor of Education, 1/4 time, academic year beginning September 1, 1962, $6,263; on leave of absence, 1/4 time, academic year 1962-63, without pay, supersedes (11-13-62).

GRAY, PETER V., Research Associate in Electrical Engineering (S), eleven months from October 1, 1962, $8,000 a year, supersedes (11-12-62).

GREENE, PAUL C., Professor of Psychology, indefinite tenure, and Administrative Assistant in the Office of the Vice-President (Chicago Undergraduate Division), ten months from November 1, 1962, $14,200 a year, supersedes (12-5-62).


HANSON, MRS. DOLORES M., Assistant Editor in the Office of Public Information, 1/2 time, ten months from November 1, 1962, $3,000 a year (11-9-62).

HARRIS, MRS. BRIGITA, Research Assistant in Pharmacognosy and Pharmacology (Pharmacy), October 22, 1962-August 31, 1963, $5,700 a year (11-12-62).

HENESBY, WILLIAM F., Assistant in Psychiatry (Medicine), one year from September 1, 1962, without salary (11-20-62).


HUBBARD, JOHN L., Jr., Assistant in Neurology and Neurological Surgery (Medicine), six months from January 1, 1963, without salary (11-20-62).

JOHNSON, A. BEAUMONT, 11, Clinical Associate in Neurological Surgery (Medicine), 1/4 time, one year from September 1, 1962, $1,800 (11-8-62).

JOHNSON, OLAF K., Clinical Instructor in Oral and Maxillofacial Surgery (Dentistry) and in Surgery (Medicine), one year from September 1, 1962, without salary (11-16-62).

JOHNSON, SU A. K., Assistant Extension Editor, with rank of Assistant in Agriculture (S and E), ten months from November 1, 1962, $5,000 a year, supersedes (11-1-62).

JORDAN, DAVID M., Assistant Professor of Psychiatry (Medicine), one year from September 1, 1962, without salary (12-5-62).


KING, IVAN R., Associate Professor of Astronomy, indefinite tenure from September 1, 1962, $10,000 a year for services rendered during each academic year; on sabbatical leave of absence from September 1, 1962, through February 28, 1963, on full pay, and from March 1 through August 31, 1963, salary to be paid from National Science Foundation Grant, U.S. NSF G-22005 (46-32-10-354); supersedes (11-8-62).
KINSTLE, THOMAS H., Research Associate in Chemistry, nine months from December 1, 1962, $6,500 a year (12-5-62).

KIRK, EDWARD S., Instructor in Physiology and Biophysics, to render service during the second semester of the academic year, March 1-August 31, 1963, $3,875 (10-31-62).

KORN, ROY J., Associate Professor of Medicine, at the Faculty of Medicine, Chiangmai Hospital, Chiangmai, Thailand, under Contract AID/fe-2, for two years from November 18, 1962, $20,000 a year; and Associate Professor of Medicine (Medicine), indefinite tenure from November 18, 1964, without salary, supersedes his nonsalaried appointment (11-16-62).

KORNACKER, MILDRED, Instructor in Sociology (Chicago Undergraduate Division), ½ time, academic year beginning September 1, 1962, $3,867, superseded (11-13-62).

KOSLOW, LEO, Research Associate in Biological Chemistry (Medicine), eight months from January 1, 1963, $8,000 a year (11-16-62).

KORNACKER, MILDRED, Instructor in Sociology (Chicago Undergraduate Division), ½ time, academic year beginning September 1, 1962, $3,867, superseded (11-13-62).

KOSMAN, MARY E., Research Associate in Psychiatry (Medicine), ten months from November 1, 1962, $7,000 a year (11-16-62).

KOSOVA, LEONARDA., Clinical Assistant in Medicine (Medicine), eleven months from October 1, 1962, without salary (11-16-62).

KRAUSS, DIETLINDE E., Research Associate in Chemistry, five months from April 1, 1963, $487.50 a month (12-5-62).

KYSAR, JOHN E., Instructor in Hygiene and Assistant Director of the Health Service (Chicago Undergraduate Division), ½ time, academic year beginning September 1, 1962, $7,000, superseded (10-29-62).

LAFONT, MRS. FRANCES M., Assistant in Home Economics (C and S), academic year beginning September 1, 1962, $5,200, superseded (8-29-62).

LAVERTY, JAMES C., Soil Salinity and Soil Management Specialist in the International Cooperation Programs, November 10, 1962-November 9, 1964, $9,020 a year for service under Contract ICA-1453 in Region 1, Agra, U.P., India, superseded (11-6-62).

LEVINE, MRS. MYRA E., Assistant in Nursing, nine months from September 16, 1962, $5,500, superseded (11-8-62).

LINDERHOLM, CARL E., Instructor in Mathematics, to render service during the second semester of the academic year, March 1-August 31, 1963, $7,000 a year (11-13-62).

LAMING, FRANZ, Research Associate in Chemistry, ½ time, six months from December 1, 1962, $1,596 (12-5-62).


MAUTZ, ROBERT K., Professor of Accountancy, indefinite tenure from September 1, 1962, to render service during each academic year, $17,500 a year, superseded (10-29-62).

MEUX, MILTON O., Research Assistant Professor in the Bureau of Educational Research, one year from September 1, 1962, $10,000, superseded (11-12-62).

MILLER, ARNOLD L., Assistant Professor of Psychology, ½ time, academic year from September 1, 1962, $2,800, superseded (11-8-62).

MILLER, RAYMOND N., Assistant in Psychiatry (Medicine), one year from September 1, 1962, without salary (11-20-62).

MOFFAT, JEAN E., Research Assistant in Medicine (Medicine), nine months from December 1, 1962, $4,900 a year (11-20-62).

MOLNAR, JANOS, Research Associate in Biological Chemistry (Medicine), eight months from January 1, 1963, $8,000 a year (11-16-62).

MONIN, MAX, Instructor in Psychiatry (Medicine), eleven months from October 1, 1962, without salary (10-23-62).


NEDELSKY, LEO, Research Associate in Teacher Education (Dentistry), ½ time, ten months from November 1, 1962, $3,750 a year, superseded (11-16-62).

NELSON, PATRICIA A., Program Director, Illini Union (Chicago Undergraduate Division), eight months from January 1, 1963, $4,800 (12-5-62).

NIELSEN, JOHN L., Professor of Naval Science and Head of the Department, indefinite tenure from September 1, 1962, without salary, superseded (11-1-62).
PAP, LUCIA T. F., Clinical Assistant in Medicine (Medicine), one year from September 1, 1962, without salary (11-16-62).

PAUL, M., Visiting Research Associate in the Digital Computer Laboratory, two months from February 1, 1963, $800 a month (10-29-62).

PETTERSON, HELEN C., Research Associate in the Bureau of Economic and Business Research, 1/2 time, October 16, 1962-August 31, 1963, $2,925 a year (10-31-62).

PICKLER, HANNS, Instructor in the Graduate School of Business Administration (College of Commerce and Business Administration), 1/2 time, nine months from October 1, 1962, $3,000 a year (10-31-62).

PIEPER, WILLIAM J., Clinical Instructor in Psychiatry (Medicine), 1/4 time, one year from September 1, 1962, $2,100, supersedes nonsalaried appointment (10-23-62).

PRESTON, ANN, Architecture Library Assistant (Library), ten months from November 1, 1962, $5,500 a year (10-26-62).

PSCHORR, HELENE, Registered Pharmacist in Hospital Pharmacy (Pharmacy), eleven months from October 1, 1962, $7,000 a year (10-31-62).

RACSTER, RONALD L., Assistant in Finance, nine months from September 16, 1962, $4,000, supersedes (7-24-62).

RAO, PILLARETTRY J., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine), 3/4 time, eleven months from October 1, 1962, $5,000 a year, supersedes (10-23-62).

RAPPAPORT, BEN Z., Professor of Medicine (Medicine), 1/2 time, one year from September 1, 1962, $7,500, supersedes (11-14-62).

REEF, MRS. BARBARA L., Lecturer in Recreation and Municipal Park Administration (College of Physical Education), to render service during the first semester of the academic year, September 1, 1962-February 28, 1963, without salary; this is in addition to her nonacademic appointment, supersedes (11-26-62).

REIS, JAMES A., Research Associate in the Coordinated Science Laboratory (C), 1/2 time, February 1-June 15, 1963, $277.77 a month, supersedes (12-5-62).

RIES, DONALD G., Research Associate in Chemistry, ten months from November 1, 1962, $5,850 a year (10-31-62).

SALOMON, LAWRENCE, Instructor in Art (Chicago Undergraduate Division), nine months from September 16, 1962, $4,800 (11-21-62).

SANCHEZ, ANTONIA, Instructor in Psychiatry (Medicine), one year from September 1, 1962, without salary (11-27-62).

SANTUR E., Clinical Assistant in Medicine (Medicine), one year from September 1, 1962, without salary (10-24-62).

SCHMITZ, CAROLYN A., Assistant in Nursing, eleven months from October 1, 1962, $5,500 a year, supersedes (11-12-62).

SCHUMACHER, GEBHARD, Research Associate in the Institution for Tuberculosis Research (Medicine), nine months from December 1, 1962, $625 a month (11-12-62).

SLYTER, LEONARD L., Research Associate in Dairy Science (S), eleven months from October 1, 1962, $6,850 a year (10-24-62).

SOMMERVILLE, W. F. H., Research Associate in Dairy Science (S), eleven months from October 1, 1962, $5,000 a year, supersedes (10-24-62).

SONNENKALB, H., Physician in the Health Service (Medical Center), 3/10 time, eight months from November 1, 1962, $6,500 (10-31-62).

STARK, KENNETH, Assistant-Counseling in the Student Counseling Service (Provost's Office), ten months from November 1, 1962, $6,250 a year, supersedes (11-13-62).
Stewart, Mrs. Beverly J., Undergraduate Library Assistant in the Library, nine months from December 1, 1962, $5,500 a year, supersedes (11-16-62).

Stolukow, Lawrence M., Professor of Psychology, to render service during each academic year, on leave of absence with pay, during the second semester, and Professor of Education, in the Bureau of Educational Research (Y basis), leave of absence with pay, from February 1 through June 15, 1963, on indefinite tenure, from September 1, 1962, $12,900 a year, supersedes (11-13-62).

Swerdlow, Arnold B., Clinical Instructor in Surgery (Medicine), eleven months from October 1, 1962, without salary (10-31-62).

Takano, Tadao, Instructor in Art (Chicago Undergraduate Division), 1/4 time, to render service during the first semester of the academic year, September 1, 1962-January 31, 1963, $875 (11-12-62).

Tiska, Betty J., Research Associate in the Institute for Research on Exceptional Children, 1/2 time, academic year beginning September 1, 1962, $3,240 (11-8-62).

Textor, Charles S., Clinical Assistant Professor of Neurology and Neurological Surgery (Medicine), one year from September 1, 1962, without salary (11-8-62).


Van Bortel, Dorothy G., Research Associate in Pedodontics (Dentistry), 2/3 time, October 1, 1962-June 15, 1963, $2,125 (11-8-62).

Vand, Rethove E., Research Associate in Chemistry, four months from October 1, 1962, $565 a month, supersedes (10-23-62).

Vastine, Russell J., Jr., Clinical Instructor in Medicine (Medicine), eleven months from October 1, 1962, without salary (11-8-62).


Vessell, Rita M., Assistant in Nursing, eleven months from October 1, 1962, $5,500 a year (10-23-62).

Wachsmann, Joseph T., Assistant Professor of Microbiology, July 1, 1962-August 31, 1963, $10,380 a year, supersedes (11-8-62).


Weidman, Herman R., Associate Professor of Physics, 2/3 time, indefinite tenure, $6,200 a year, and Acting Director of the Computer Program, 1/4 time, one year, $3,100 (Chicago Undergraduate Division), to render service during each academic year beginning September 1, 1962, supersedes (10-24-62).

Wente, Henry I., Instructor in Clinical Dentistry (Dentistry), 2/3 time, October 18, 1962-August 31, 1963, $3,000 a year (11-14-62).


Wilkins, James L., Instructor in Sociology (Chicago Undergraduate Division), 1/2 time, to render service during the first semester of the academic year, September 1, 1962-January 31, 1963, $1,500 (11-5-62).

Williamson, Arthur R., Clinical Instructor in Surgery (Medicine), four months from November 1, 1962, without salary (11-16-62).

Wutkow, Manfred R. G., Research Associate in Metallurgy (C), January 15-August 31, 1963, $8,000 a year (10-21-62).

Yager, James A., Assistant Professor of Histology (Dentistry), eight months from January 1, 1963, $11,200 a year, supersedes (11-16-62).

Yashon, David, Assistant in Neurology and Neurological Surgery (Medicine), one year from July 1, 1962, without salary (11-8-62).

Zemlin, Willard R., Assistant Professor of Speech and Theatre, 1/2 time, (Y basis), and 1/2 time, to render service during the academic year, one year from September 1, 1962, $8,825, supersedes (11-27-62).

Ziolkowski, Edmund M., Physician in the Health Service (Medical Center), 1/2 time, eleven months from October 1, 1962, $6,000 a year; this is in addition to his nonsalaried appointment (11-8-62).
(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

ALKIRE, WILLIAM H., United States Public Health Service Predoctoral Fellow in Anthropology, one year from October 1, 1962, $2,000 (10-18-62).

ATKINS, GLADYS, United States Public Health Service Fellow in Physiology, one year from September 21, 1962, $2,000, supersedes (10-19-62).

BEERS, GEORGE, National Science Foundation Fellow in Mathematics, one year from June 16, 1962, $5,666.25, supersedes (11-13-62).

BERMAN, MORLEY, United States Public Health Service Fellow (Trainee) in Psychiatry, nine months from September 16, 1962, $600 (10-11-62).


DELLENBACK, BARBARA, United States Public Health Service Fellow (Trainee) in Psychiatry, nine months from September 16, 1962, $600 (10-19-62).


EDWARDS, JOHN R., United States Public Health Fellow (Trainee) in Biological Chemistry, nine months from October 1, 1962, $1,800, supersedes (10-24-62).

ELLIOTT, EDWARD L., General Electric Foundation Teaching Fellow in Accountancy, September 16, 1962-June 30, 1963, $1,000; this is in addition to his appointment as Assistant in Accountancy on 3/4 time (11-13-62).

GANTT, R. RAYMOND, United States Public Health Service Fellow (Trainee) in Biological Chemistry, eight months from November 1, 1962, $1,733.28, supersedes (11-7-62).


HEINTZ, NORMAN V., United States Public Health Service Fellow (Trainee) in Psychiatry, nine months from September 16, 1962, $600 (10-31-62).

JOHNSON, RICHARD M., Charles E. Merriam Fellow in Political Science, October 1, 1962-June 15, 1963, $1,888.88; and two months from June 16, 1963, $375, supersedes (10-26-62).

KLESE, WILLIAM R., United States Public Health Service Fellow (Trainee) in Biophysics, one year from December 1, 1962, $2,666 (11-13-62).

LEVIN, JACOB J., United States Public Health Service Fellow (Trainee) in Neuropharmacology, one year from November 1, 1962, $8,000 (10-26-62).

LEVIN, NATHAN W., United States Public Health Service Fellow (Special) in Medicine, one year from September 26, 1962, without salary (10-17-62).


McDERMOTT, JAMES A., United States Public Health Service Fellow (Trainee) in Psychiatry, nine months from August 1, 1962, $600, supersedes (10-11-62).


McLAIN, LARRY, United States Public Health Service Fellow (Trainee) in Psychiatry, nine months from September 16, 1962, $600 (10-8-62).

NIXON, JOSEPH E., United States Public Health Service Fellow (Trainee) in Animal Science, eight months from November 1, 1962, $1,667 (11-7-62).

NOTEBOOM, WILLIAM D., United States Public Health Service Predoctoral Fellow in Physiology and Biophysics, one year from October 1, 1962, $2,000 (10-18-62).

SCHATZ, HOWARD, United States Public Health Service Fellow (Trainee) in Psychiatry, nine months from September 16, 1962, $600 (10-11-62).

SELINE, HELEN, United States Public Health Service Fellow (Trainee) in Psychiatry, one year from November 1, 1962, $2,400 (10-31-62).

SNOW, WILLIAM J., General Electric Foundation Teaching Fellow in Accountancy, nine months from September 16, 1962, $1,000; this is in addition to his appointment as Assistant in Accountancy on 1/2 time (11-13-62).
WALSH, PATRICIA J., United States Public Health Service Fellow (Trainee) in Biological Chemistry, eight months from November 1, 1962, $1,733.28, supersedes (11-7-62).

WATSON, JAMES R., United States Public Health Service Fellow in Microbiology, one year from January 1, 1963, $2,000 (10-15-62).

WILLOUGHBY, JEWELL B., Office of Education Fellow in Education, nine months from September 16, 1962, $2,800 (11-5-62).

RESIGNATIONS, DECLINATIONS, CANCELLATIONS, AND TERMINATIONS

CHATMAN, DONALD G., Research Assistant in Medicine (Medicine) — resignation effective October 13, 1962.


CICERAS, ZINNIA, Assistant Chief Pharmacist (Medical Center) — declination effective September 1, 1962.

DAY, NORMAN D., Assistant Professor of Architecture — resignation effective March 1, 1963.

GAETANI, SANCIA, Research Associate in Animal Science — resignation effective December 14, 1962.

GARCIA-MOLINER, CARMEN, Postdoctoral Fellow (Trainee) in Microbiology — resignation effective November 1, 1962.

GEORGIOU, GEORGE T., Physician, Health Service (Medical Center) — resignation effective December 1, 1962.

GRAY, JOSEPH L., III, Instructor in Foreign Languages (Chicago Undergraduate Division) — resignation effective March 1, 1963.

GROVES, WILLIAM E., Research Assistant in Chemistry — declination effective June 16, 1962.

HARRIS, MRS. BRIGITA, Research Assistant in Pharmacognosy and Pharmacology (Pharmacy) — resignation effective November 1, 1962.

HERSCHBACH, KORNELIUS, Research Associate in Physics — resignation effective January 1, 1963.

Hoffmann, Rita C., Research Assistant in Biological Chemistry (Medicine) — resignation effective September 9, 1962.


HUTTON, ROGER S., Assistant in General Engineering — declination effective September 16, 1962.

JACOBSON, MARCUS A., Clinical Instructor in Psychiatry (Medicine) — termination effective September 1, 1962.

KAMPE, DWIGHT F., Associate Professor of Agricultural Engineering — resignation effective November 16, 1962.

KIESO, DONALD E., Instructor in Accountancy — resignation effective March 1, 1963.

KIMURA, HIROSHI, Research Assistant in Food Technology — resignation effective November 22, 1962.

LAWRENCE, ARTHUR G., Clinical Instructor in Surgery (Medicine) — resignation effective November 1, 1962.

LEICHTNER, E. JEANNINE, Research Associate in the Coordinated Science Laboratory — resignation effective December 1, 1962.

MAIER, KENNETH J., Instructor in Radiology (Medicine) — termination effective November 1, 1962.

MINOMURA, SHIGERU, Research Associate in Chemical Engineering — declination effective September 1, 1962.


RAMSEYER, LINDA M., Fellow in Zoology — resignation effective February 1, 1963.

REDFIELD, ALFRED G., George A. Miller Visiting Professor of Physics — cancellation effective October 1, 1962.

SINHA, MRS. INDA BALA, Research Assistant in Plant Pathology — resignation effective December 1, 1962.
STOUT, GLENN E., Research Associate in General Engineering — declination effective September 1, 1962.
WIEHLE, H. R., Visiting Research Associate in the Digital Computer Laboratory — declination effective February 1, 1963.
WOLOSHIN, GABRIELLE S., Instructor in Psychiatry (Medicine) — termination effective October 1, 1962.

ZAYAS, AGENOR M., Assistant in Physical Medicine and Rehabilitation (Medicine) — resignation effective October 17, 1962.

LEAVES OF ABSENCE
FREUND, ERIC C., Research Associate in the Bureau of Community Planning — leave of absence, without pay, beginning October 22, 1962, and continuing through December 31, 1962.
GOULD, ORRINE., Assistant Professor of Education — leave of absence, one-fourth time, for the academic year 1962-63, without pay.
MANWELL, CLYDE, Associate Professor of Physiology — leave of absence, without pay, for two years from September 1, 1963, so that he may spend those two years in research and studies abroad.
RAPPE, MARIE A., Circulation Librarian, with rank of Assistant Professor, in the Chicago Undergraduate Division — leave of absence, without pay, for four months from December 1, 1962.
ROBERG, NORMAN B., Professor of Medicine, in the College of Medicine — leave of absence, without pay, for two years from July 1, 1963.
RUDIN, CECILIA M., Instructor in English, in the Chicago Undergraduate Division — leave of absence, without pay, beginning November 2, 1962, and continuing through August 31, 1963, on account of illness.
SANDAGE, CHARLES H., Professor of Advertising and Head of the Department, in the College of Journalism and Communications — leave of absence, one-half time, without pay, from September 1, 1963, through February 29, 1964.
SMITH, ROBERT J., Professor of Architecture — disability leave of absence, with full pay, beginning November 2, 1962, and continuing until the beginning of the second semester.

CHANGES IN SABBATICAL LEAVES OF ABSENCE
KING, IVAN R., Associate Professor of Astronomy — from sabbatical leave for the academic year 1962-63 on one-half pay to sabbatical leave of absence from September 1, 1962, and continuing through February 28, 1963, on full pay, and from March 1 through August 31, 1963, his salary to be paid from a National Science Foundation Grant, U.S. NSF G-22005 (46-32-10-354).
STOLUROW, LAWRENCE M., Professor of Psychology and of Education, in the Bureau of Educational Research — from sabbatical leave of absence for the academic year 1962-63 on one-half pay to leave of absence, with pay, from February 1 through June 15, 1963.

DEAN MARY K. MULLANE
At this point, Dean Mary K. Mullane of the College of Nursing was introduced and she addressed the Board briefly on the recent developments in education for nursing and on the state of the University of Illinois College of Nursing.

JANUARY MEETING
On motion of Mr. Swain, the Board voted to change the date of the January, 1963, meeting from Wednesday, January 16, to Thursday, January 17, 1963; and to hold this meeting in Springfield at a place and according to a schedule to be determined by the President and the Secretary of the Board.

ANNUAL MEETING
On motion of Mr. Johnston, the Board voted to change the date of the
next annual meeting from Tuesday, March 12, to Wednesday, March 20, 1963.

President Henry asked that the Trustees consider holding a special meeting, or meetings and conferences of Board committees, in January following the regular meeting. The dates of January 19 and 22 were suggested. It was the consensus of the Board that the Secretary of the Board, in consultation with the Committee Chairmen, canvass the Trustees to set a suitable date if the business of the University required such a meeting of the Board or of Board Committees.

TRIBUTE TO MR. WILKINS

Mr. Wilkins will leave office as Superintendent of Public Instruction of Illinois on January 14, so that today's meeting of the Board of Trustees of the University is the last he will attend as an ex officio member of the Board.

On motion of Mr. Swain, the Board of Trustees gave Mr. Wilkins a rising vote of thanks for his services as a member of this Board.

RECESS

At 12:15 p.m., on motion of Mrs. Watkins, the Board recessed for luncheon. Members of the Board of Trustees, officers of the Board, officers of the University, and representatives of the press were guests of officers of the First National Bank of Chicago at luncheon.

Following the recess, on motion of Mr. Pogue, the Board adjourned.

A. J. JANATA
Secretary

HOWARD W. CLEMENT
President