

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

December 20, 1955



The December meeting of the Board of Trustees of the University of Illinois was held in the Directors' Room of the First National Bank of Chicago, Chicago, Illinois, on Tuesday, December 20, 1955, beginning at 11:00 a.m.

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

Also present were President David D. Henry, Provost Henning Larsen, Mr. C. S. Havens, Director of the Physical Plant Department, Mr. J. F. Wright, Director of Public Relations; and Messrs. H. O. Farber, Comptroller, C. W. Weldon, Treasurer, and A. J. Janata, Secretary of the Board.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on July 20, 1955, press proof copies of which had been sent to all members of the Board in advance.

On motion of Mr. Williamson, the minutes were approved as printed on pages 437 to 763, inclusive.

EXECUTIVE SESSION

At the request of the President of the University, a brief executive session was ordered for the consideration of the contracts for the construction of additions to the Men's Residence Halls. Director Havens presented a report and discussed questions of public policy involved in the awarding of these contracts. Action on them was deferred until the regular meeting.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The executive session having been concluded, the Board considered the following reports and recommendations from the President of the University.

APPOINTMENTS TO THE FACULTY

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

1. MILTON C. BAUMANN, Clinical Assistant Professor of Psychiatry, beginning November 1, 1955, without salary (DY).
2. ELMER W. CAVINS, Medical Adviser and Assistant Professor of Hygiene, in the Health Service, beginning July 1, 1956, at an annual salary of \$9,000 (BY).
3. EDWARD J. WALASZEK, Assistant Professor of Neurophysiology, in the Department of Psychiatry, beginning October 1, 1955, at an annual salary of \$5,750 (DY).

Appointments to Nonacademic Staff

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

1. JOHN J. DESMOND, Business Manager, Control Systems Laboratory, beginning October 1, 1955, at an annual salary of \$8,040.
2. DOROTHY V. DUNNE, Chief Medical Record Librarian at the Research and Educational Hospitals, Chicago Professional Colleges, beginning November 1, 1955, at an annual salary of \$5,400.
3. ROBERT B. LITTLE, Associate Architect, Physical Plant Department, Architectural Division, beginning November 14, 1955, at an annual salary of \$9,000.
4. ELBERT L. McDANIEL, Architectural Superintendent, Physical Plant Department, Architectural Division, beginning November 1, 1955, at an annual salary of \$6,960.
5. GEORGIA L. WALKER, Food Production Manager, Residence Halls, beginning November 16, 1955, at an annual salary of \$4,800 plus \$168 per year perquisite.

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

DEGREE OF MASTER OF ARCHITECTURE

(2) The Department of Architecture now offers two master's degrees, Master of Science in Architectural Engineering for students specializing in structural theory and design, and Master of Science in Architecture for those specializing in other areas in this field, such as architectural history or architectural design.

The Faculty of the College of Fine and Applied Arts, the Executive Faculty of the Graduate College, the University Senate, and the Provost recommend that the latter degree be changed to Master of Architecture. This will call for some revision of course offerings, but no change in degree requirements.

I concur.

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

CURRICULUM IN PHYSICS

(3) The University Senate recommends a new curriculum in the College of Liberal Arts and Sciences leading to the degree of Bachelor of Science in physics for students who plan to enter graduate study in physics or who wish to prepare themselves for government or industrial laboratory research positions. The curriculum specifies the courses essential to a strong foundation in physics and permits concentration in the first two years on basic courses which are prerequisite to advanced courses in physics and mathematics.

In addition to meeting the standard requirements for admission, a student must rank in the upper half of his high school class. To register in advanced physics and mathematics courses in this curriculum, a student must have a grade average of at least 3.5¹ in all subjects, exclusive of the basic courses in military science and physical education, and a combined grade average of at least 3.5 in all courses completed in physics and mathematics. A transfer student must have a corresponding record in the institution previously attended.

The curriculum is designed for students who have had four years of high school mathematics, including trigonometry, and a year of chemistry. A student who can satisfy the college language requirement on entering has the advantage of being permitted to add sixteen hours of electives to his program, and a student who has had a year of high school biology will also have more freedom in the choice of electives.

The complete outline of the curriculum is being filed with the Secretary of the Board for record.

I concur.

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

PREMEDICAL CURRICULUM

(4) The University Senate recommends that the statement of the requirements in the premedical curriculum in the College of Liberal Arts and Sciences, as previously approved by the Board of Trustees, be amended by substituting the following paragraphs for the corresponding paragraphs in the present statement:

Paragraph 3 to read: "At the end of each semester the scholastic averages of all students enrolled in the premedical curriculum are computed. Students who fail to maintain the required 3.5 minimum average are transferred to the general curriculum until such time as they may have brought their averages up to the minimum."

Paragraph 5 to read: "Students transferring to the premedical curriculum in this college with advanced standing must have at least a 3.5 average computed in terms of the University's grading system."

This change alters the present 3.75 scholastic average required for continuation in the premedical curriculum to 3.5 which is the minimum scholastic average required for admission to the College of Medicine.

The present statement of requirements and the statement as amended by this action of the Senate are filed with the Secretary of the Board for record.

I concur.

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

CHANGE IN RHETORIC REQUIREMENT

(5) All students entering the University as freshmen directly from secondary schools are required to take a placement test in rhetoric. Those who fail to pass this test must make up the deficiency by tutoring, correspondence study, or by passing Freshman Remedial Rhetoric and Composition (Rhetoric 100), a non-credit course which meets three hours each week. A student who fails to pass the placement test or Rhetoric 100 by the beginning of his third semester must withdraw from the University until he does pass the test.

The University Senate has recommended that beginning with the fall semester of 1960-61 Rhetoric 100 be discontinued. This will not affect the requirement of one year of rhetoric for graduation and all new freshmen will go directly into the regular first-semester, three-hour credit course, Rhetoric 101, unless they are excused from this course under the exemption program by passing the placement

¹ This is the numerical equivalent of an average between B and C under the University's grading system, whereby A = 5, B = 4, C = 3, D = 2, and E = 1.

test with high grades in which case they receive credit for Rhetoric 101 and go directly into the second-semester course, Rhetoric 102.

The proposal originated in the Department of English, was approved by the College of Liberal Arts and Sciences and by the Provost before being passed by the University Senate. There is hereby filed with the Secretary of the Board for record a letter from the Chairman of Freshman Rhetoric, Professor Charles W. Roberts, and the Head of the Department of English, Professor Gordon N. Ray, explaining the reasons for this proposal.

I concur.

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

GEORGE A. MILLER ENDOWMENT

(6) The George A. Miller Endowment Committee has recommended that funds from the endowment income be allocated to support a Journal of Mathematics to be published at the University of Illinois with some aid from the American Mathematical Society. This will be an annual journal of approximately six hundred pages to be issued quarterly in March, June, September, and December, the first number to appear in March, 1957. An editorial board set up by the Department of Mathematics, with the approval of the University Press Board, will determine editorial policy, but the over-all control will be with the University Press Board. It is contemplated that some of the editors may be from other institutions.

The initial allocations will be \$5,200 for the year 1956-57 and \$7,750 for 1957-58. Once the journal is established and is producing an income from subscriptions, the annual contributions from the Miller fund will be reduced, but the Committee is ready to continue support of a successful journal.

This appeals to me as an effective means of supporting the University's leadership in this field.

The Committee also recommends that \$3,400 be allocated from the endowment income to establish two graduate fellowships for the year 1956-57, with stipends of \$1,700 each, but without exemption from tuition fees, to be known as the "George A. Miller Fellowships" and to be awarded on recommendation of the Graduate College under the same conditions as other graduate fellowships. There will be no limit on the field of study.

I concur in the above recommendations.

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

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

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

1. College of Agriculture, purchase of one and one-half ton truck for Department of Dairy Science.....	\$ 3 000
2. Department of Chemistry and Chemical Engineering, remodeling in Noyes Laboratory, Chemistry Annex, and the East Chemistry Building.....	50 000
3. College of Fine and Applied Arts, to improve the ventilating and temperature control of the Smith Music Hall practice rooms.....	20 000
4. School of Journalism and Communications, for equipment, and office and laboratory expense for instructional programs in broadcasting-television-motion pictures.....	18 000
5. Physical Plant Department, remodeling in Altgeld Hall in connection with moving the Mathematics Library into the former Law Library....	3 720
6. College of Veterinary Medicine, equipment for the Departments of Veterinary Pathology and Hygiene and Veterinary Physiology and Pharmacology.....	3 100
7. Chicago Undergraduate Division, remodeling and equipment for departments in engineering sciences.....	12 500
Total.....	\$110 320

I concur.

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

ADJUSTMENTS IN THE BUDGET

(8) On request of the Dean of the College of Fine and Applied Arts and concurred in by the Provost, I recommend that an assignment of \$4,000 be made from the General Reserve Fund to the Department of City Planning and Landscape Architecture to supplement its budget for the current fiscal year 1955-56. This is a temporary adjustment necessary to take care of the teaching load due to the increase in enrollment, and consideration will be given to a permanent increase when the budget for 1956-57 is prepared.

It has been necessary to assign \$20,000 to the Chicago Undergraduate Division to provide for the increase in enrollment during the first semester of 1955-56. The Dean of the Division now presents a case for continuation of the service during the second semester, plus a need for another \$10,000. This need for additional funds has been carefully studied by the Provost, who concurs in the request and recommends that the budget of the Chicago Undergraduate Division be increased by \$40,000 on a permanent basis annually, and that an additional \$10,000 be allocated to the Division for the second semester of 1955-56 only.

I recommend that these appropriations be made; \$40,000 would be from the unappropriated budget reserve and \$10,000 from the General Reserve Fund.

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

CONTRACTS FOR CONSTRUCTION OF ADDITIONS TO
MEN'S RESIDENCE HALLS

(9) The Director of the Physical Plant and the Comptroller recommend award of the following contracts for the construction of two units (Additions Nos. 3 and 4) of the Men's Residence Halls and a connecting lounge south of the present units on Fourth Street. The two additions will house 450 students.

<i>General</i> —Snyder Construction Company, Inc., Vincennes, Indiana, base bid.....			\$748 919
Credit for changing marble toilet and shower partitions to metal partitions—deduct			12 263
			<u>736 656</u>
Installation of locks on all closet doors—add.....			7 100
			\$743 756
<i>Plumbing</i> —Edward M. Brumit, doing business as B & E Plumbing & Heating Company, Champaign.....			80 243
<i>Heating, Temperature Control, and Ventilating</i> —Ideal Heating Company, Chicago			61 780
<i>Electrical</i> —R. A. Bland, doing business as R. A. Bland Electric Company, Champaign			68 332
<i>Total</i>			<u>\$954 111</u>

The award in each case would be to the lowest bidder.

Funds for this construction will be available through a bond issue under the Federal College Housing Loan Program. The total budget for this project, based on bids received, is less than estimated and thus will reduce the total financing requirements.

Bids were also taken on the installation of an elevator in one of the two buildings for the use of wheel chair students, and while it would serve five floor levels it would actually be used by students on one of the lower levels. Consideration is being given to eliminating this elevator and installing ramps to make the lower floor of the building available to wheel chair students who would be assigned rooms on that floor. The University is permitted to hold any bids for sixty days from the date, November 29, 1955, they were opened.

Since financing this project has not been completed, it is not legally possible to award these contracts effective immediately. Therefore, I recommend that the Board authorize its Comptroller and Secretary to award and execute these contracts if and when definite assurances have been secured for the financing of the project and for the availability of funds to meet contract payments as required

by their provisions; provided that the award of the contracts shall not become effective until such assurances have been received and the contracts have been signed, with the approval of the Legal Counsel, by the Comptroller and Secretary of the Board.

I further recommend that the law firm of Chapman and Cutler, Chicago, be employed as attorneys for the bond issue and loan agreement with the United States Government.

Mrs. Watkins moved that the foregoing recommendations be approved, and that the Comptroller and Secretary of the Board of Trustees be authorized by the Board of Trustees to award said contracts to said contractors and to execute the contracts accordingly if and when definite assurances have been secured for the financing of the project and for the availability of funds to meet contract payments as required by their provisions, the award of the contracts not to be effective, however, until such assurances have been received and the contracts have been signed after the assurances and the contracts have been approved by the University's Legal Counsel, the President of the University, and by the Comptroller and Secretary of the Board of Trustees.

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

PURCHASE OF PROPERTIES AT 108 NORTH ROMINE STREET AND 1307 WEST STOUGHTON STREET

(10) The University has an opportunity to purchase the properties at 108 North Romine Street and 1307 West Stoughton Street, Urbana. These properties are now being rented to unmarried students, the majority of whom are foreign students. The owner asserts that an income of approximately \$600 a month is realized from renting the facilities as "apartments" at \$70 to \$75 a month, with six to eight students in each apartment. Because of their present standard of maintenance, however, it would not be feasible for the University to re-use them. The sale price on these properties is \$27,450, or \$2.08 per square foot.

The University does not own any property in this block. However, it does own all of the property surrounding this block except on the north. The block is within the area of the University's long-range program of campus expansion and could be used for buildings for the College of Education, the College of Engineering, for residence halls, or for parking facilities. This block is not so well improved as other blocks surrounding the campus, so that its acquisition should be possible at a lower cost than some other areas adjacent to the campus.

The acquisition of these properties has been approved by the Building Program Committee, the Provost, and by the Committee on Nonrecurring Appropriations which recommends an appropriation for this purpose.

I recommend that (a) these properties be acquired, (b) an appropriation of \$27,450 be made from the General Reserve Fund for this purpose, and (c) that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents to complete the acquisition.

On motion of Mr. Johnston, the purchase of these properties was authorized, the appropriation was made, and the Comptroller and the Secretary of the Board were authorized to execute the necessary documents. This motion was adopted by the following vote: Aye, Mr. Bissell, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton.

CANCELLATION OF SALE OF UNIVERSITY HOUSE

(11) The Board of Trustees has authorized the sale of the residence property at 412 Hessel Boulevard, Champaign, to Mr. and Mrs. Delford R. Cantrell. This is

a Small Homes Council house constructed in 1947 as a research project financed in part by University funds and in part by a grant from the United States Department of Commerce. The University's investment is \$15,613.22. The sale price authorized by the Board, based upon appraisals, was \$13,500.

A contract for sale was executed by the University and by Mr. and Mrs. Cantrell. They now request that they be released from the contract for several reasons which, however, are immaterial, since cancellation is of mutual interest to both parties. The University administration is no longer interested in the sale of University-owned residence properties in view of the renewed need, which is bound to increase, for faculty housing. The sale of the house to Mr. and Mrs. Cantrell was authorized by the Board because a commitment had been made to them prior to the decision to discontinue disposing of residence properties.

Under the circumstances, the Director of the Physical Plant and the Comptroller recommend cancellation of this contract, and I concur.

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

PURCHASES

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

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Special physiological monitoring assembly consisting of one recorder, two ECG amplifiers, one oximeter, one multipurpose amplifier, two pressure amplifiers, two Statham transducers for pressure, one Statham transducer for respiratory studies, and one pneumotachy-graph head	Anesthesia, Chicago Colleges	Electronics for Medicine	\$7 440 00 delivered
One Spinco model L preparative centrifuge for use in study of intracellular distribution of the isotope of radioactive plasma proteins	Pharmacology, Chicago Colleges	Spinco Division, Beckman Instruments, Inc., Belmont, Calif.	4 500 00 f.o.b. Belmont, Calif.
Twenty-four microscopes without case, complete with quadruple nose-pieces, four objectives, wide field oculars and accessories, less allowance for six used microscopes being traded in	Biological Sciences, Chicago Undergraduate Division	Graf-Apsco Company, Chicago	4 938 00 delivered
One collating machine, eight stations, complete with offset delivery	College of Agriculture	Donovan Hershey Corporation, Chicago	4 080 00 f.o.b. Boston, Mass.
One 400-gallon vacuum type direct expansion milk vat	Dairy Science	Twin City Refrigeration Co., Urbana	5 619 40 delivered and installed
One 400-gallon open type direct expansion milk vat			
One 400-gallon open type ice bank milk vat			
Less trade-in allowance for two old compressors			
One Varian model V-3012A twelve-inch laboratory electromagnet	Physics	Varian Associates, c/o Alfred Crossley Associates, Chicago	12 695 00 f.o.b. Palo Alto, Calif.
One Varian model V-2011 regulated magnet power supply			
Parts and labor for the repair and re-conditioning of the Collins type Cryostat machine located in the Department of Physics	Physics	Arthur D. Little, Inc., Cambridge, Mass.	7 710 10 f.o.b. Cambridge, Mass.
Electrical equipment	Engineering Research	Hughes Aircraft Company, Chicago	2 592 00 f.o.b. Culver City, Calif.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Power equipment	Engineering Research	Power Equipment Company, Detroit, Mich.	\$ 8 150 00 f.o.b. Detroit, Mich.
Electric equipment	Engineering Research	Tektronix, Inc., Chicago	3 646 50 f.o.b. Portland, Ore.
Modification of electrical equipment now under construction by Philco Corporation	Engineering Research	Philco Corporation, Philadelphia, Pa.	2 500 00 f.o.b. delivered
One 12" x 18" block leveler (a motor operated machine for planing engraving blocks to proper heights for printing)	Print Shop	Vandercook & Sons, Inc., Chicago	2 671 00 f.o.b. delivered
One 1956 model Beechcraft Bonanza airplane with accessories, less trade-in allowance for one 1951 model Beechcraft Bonanza N622D Model C-35	Institute of Aviation	Walston Aviation, Alton	14 589 50
26,241 board feet Douglas fir No. 1 dimension grade lumber	Physical Plant	Dougherty Lumber Company, Cleveland, Ohio	3 150 75 f.o.b. Urbana
34 bronze swing check valves 311 bronze gate valves—screwed	Physical Plant	Amstan Supply Division, American Radiator and Standard Sanitary Corporation, Peoria	2 767 75 f.o.b. delivered

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

REPORT OF GIFTS AND GRANTS RECEIVED BY THE UNIVERSITY

(13) The following gifts and grants of funds received by the University have been accepted by the President and are now being reported for official record. The previous report of such gifts was made to the Board on February 10, 1955. (In many cases a period of several months may elapse between the time an offer is accepted and the final payments have been received. Hence, to avoid complications in audits of University accounts, monetary gifts are usually reported after the funds have been deposited with the University. In each case due acknowledgment of these gifts and grants has been made by appropriate University officials, including an expression of appreciation on behalf of the Board of Trustees.)

Colleges and Schools at Urbana-Champaign

Undergraduate Scholarships, Prizes, and Other Financial Aids

1. Mr. Robert Allerton, Territory of Hawaii, \$800 to continue the Robert Allerton Traveling Scholarships in architecture for 1955.
2. The Allstate Foundation, Skokie, \$5,000 for scholarships and expenses in connection with a regular summer session (1955) course and a short course for the training of teachers of high school driver education.
3. Alpha Phi Omega, national service fraternity, \$250 for scholarships for the academic year 1955-56.
4. Alpha Xi Chapter of Phi Mu Alpha-Sinfonia, professional music honorary fraternity, \$11 for the William G. Hill Memorial Scholarship in music.
5. American Air Filter Foundation, Moline, \$1,000 for three scholarships in engineering for the academic year 1955-56.
6. American Cyanamid Company, Lederle Laboratories Division, \$1,000 to establish the Lederle Veterinary Medical Students' Research Scholarship beginning with the academic year 1955-56.
7. American Society for Metals Foundation for Education and Research, Cambridge, Massachusetts, \$400 for a scholarship in metallurgical engineering for the academic year 1955-56.
8. Lou Boudreau Trust Fund, a trust set up in the National Bank of Harvey, Illinois, by citizens of that community, \$145.50 for the Lou Boudreau Scholarship.
9. Campus Chest, University of Illinois undergraduate fund-raising organization, \$700 for scholarships.
10. Chicago Farmers, Chicago, \$500 for a scholarship for a senior student in agriculture. This scholarship was established in 1948.

11. Chicago Illiniweks, \$180 for a scholarship to a junior or senior from the Chicago area who is active in campus affairs.
12. Chicago Title and Trust Company Foundation, Chicago, \$5,000 for scholarships in the College of Law.
13. C. A. Conklin Truck Line, Inc., Toledo, Ohio, \$500 to establish the C. A. Conklin Truck Line scholarships beginning with the academic year 1955-56.
14. Corn Products Refining Company, Chicago, \$2,400 for four scholarships (\$600 each) in engineering or physical science for the academic year 1955-56.
15. Dads Association, University of Illinois, \$780 for scholarships for the academic year 1955-56.
16. Douglas Aircraft Company, Inc., Santa Monica, California, \$750 for a scholarship in the College of Engineering for the academic year 1955-56.
17. Eastern Illinois Association for Mentally Retarded, \$500 for graduate and undergraduate scholarships for students undertaking training for teaching of handicapped children.
18. Mr. and Mrs. Forrest L. Forsythe, Chicago, \$300 for the Robert Wade Forsythe Memorial Scholarship in architecture for the academic year 1956-57.
19. Foundry Educational Foundation, \$250 to the Department of Mechanical Engineering for cast metals promotion.
20. Harrison Jules Louis Frank and Leon Harrison Frank Memorial Corporation, Detroit, Michigan, \$500 for a scholarship in electrical engineering for the academic year 1955-56.
21. Fribourg Foundation, Inc., New York, New York, \$1,000 for two scholarships (\$500 each) in grain marketing for the academic year 1955-56.
22. General Electric Educational and Charitable Fund, Schenectady, New York: scholarships, \$750; contributions under the Corporate Alumnus Program, \$496.
23. General Motors Corporation, Detroit, Michigan, \$3,550 for five scholarships under the "College Plan" for the academic year 1955-56.
24. Illinois Congress of Parents and Teachers:
 - a. \$600 for three scholarships (\$200 each) for the academic year 1955-56. (The amount received to date is \$10,200.)
 - b. \$625 for scholarships to students preparing to teach handicapped children. (The amount received to date is \$2,325.)
25. Illinois Federation of Women's Clubs, Chicago, \$1,898.89 for scholarships in occupational therapy.
26. Illinois Mining Institute, \$200 for scholarships in mining engineering.
27. Injection Plastic Corporation, Pittsburgh, Pennsylvania, \$180 for a scholarship to a senior in industrial design for the academic year 1955-56.
28. The Jewish Students' Scholarship Fund, Inc., Chicago, \$294 to establish the Phi Sigma Delta Scholarship.
29. Junior Women's Advertising Club of Chicago, \$240 for two scholarships for women students in the advertising program of the School of Journalism and Communications.
30. Kennecott Copper Corporation, New York, New York, \$2,000 for scholarships in chemical engineering.
31. David Kinley Educational Foundation, Chicago, \$300 for a scholarship in the College of Commerce and Business Administration.
32. The Kroger Company, Cincinnati, Ohio, \$1,200 for six scholarships (\$200 each) in agriculture and home economics for the academic year 1955-56.
33. Lions Clubs in the Chicago area for graduate and undergraduate scholarships for students undertaking training for teaching of handicapped children: Central Lions Club of Chicago, \$500; Lions Club of Cicero, \$500; Humboldt Park Lions Club of Chicago, \$250; Lakeview Lions Club, Chicago, \$250; Lions of District I-F Illinois, \$500; Logan Square Lions Club, Chicago, \$1,000; Lions Club of Lyons, \$500; Northwest Lions Club of Chicago, \$250; Lions Club of Park Forest, \$250.
34. Men's Residence Halls Association, Champaign, \$130 for a scholarship for the academic year 1955-56.
35. Monsanto Chemical Company, St. Louis, Missouri, \$500 for scholarships in chemical engineering for the academic year 1955-56.

36. Colonel Robert H. Morse Foundation, \$3,000 for six scholarships of \$500 each for juniors and seniors in engineering for the academic year 1955-56. (These scholarships were formerly known as the John Morse Memorial scholarships.)

37. Mother's Association, University of Illinois, \$260 for scholarships for the academic year 1955-56.

38. Old Ben Coal Corporation, Chicago, \$100 for scholarships in mining engineering.

39. Parade Ground Residence Association, University of Illinois, \$200 to establish a scholarship to be awarded each semester to a male student, the award to be \$100 a semester.

40. Henry A. Petter Supply Company, Paducah, Kentucky, \$200 for scholarships in mining engineering.

41. Pi Kappa Lambda, music fraternity, \$300 for scholarships in music.

42. Pittsburgh Consolidation Coal Company, Library, Pennsylvania, \$500 for a scholarship for a freshman in chemical engineering for the academic years 1955-56 and 1956-57.

43. Praetorian Alumni Association, \$100 for a scholarship as a memorial to Myron I. Silverman who died in Korea. (The Praetorian Society is an organization of students residing in the University's Men's Residence Halls. This gift comes from the alumni of the Society.)

44. The Presser Foundation, Philadelphia, Pennsylvania, \$250 for a scholarship in music for the academic year 1954-55.

45. Procon, Incorporated, Des Plaines, \$500 for a scholarship in engineering for the academic year 1955-56.

46. Radio Corporation of America, New York, New York, \$100 to add to the undergraduate scholarship fund.

47. Ralston Purina Company, St. Louis, Missouri, \$500 for the Ralston Purina Scholarship to a senior in the College of Agriculture for the academic year 1955-56.

48. Rock Island County University of Illinois Mothers Association, \$100 for a scholarship to a student attending the University from the metropolitan area of Rock Island, Moline, East Moline, or Silvis for the academic year 1955-56.

49. Scully Foundation, Chicago, \$250 for a scholarship in mechanical or industrial engineering for the academic year 1955-56.

50. Sears-Roebuck Foundation, \$4,425 for scholarships in the College of Agriculture.

51. Sinai Temple Congregation of Champaign-Urbana, \$50 for a scholarship in music.

52. Square D Company, Detroit, Michigan, \$700 for a scholarship in electrical engineering for the academic year 1955-56.

53. Student Organization Fund, \$500 for scholarships.

54. Tomahawk Fraternity, University of Illinois Chapter (Tomahawk is a national sophomore activity honorary), \$326 for a scholarship to a male student.

55. Union Carbide and Carbon Chemicals Company, Texas City, Texas, \$380 for the renewal of a senior scholarship in chemical engineering for the academic year 1955-56.

56. Universal Oil Products Company, Des Plaines, \$1,000 for scholarships for senior students in chemical engineering for the academic year 1955-56.

57. Alpha Chron, a sophomore honorary of the Women's Group System, \$500 for five grants-in-aid (\$100 each) to women students. This fund is the proceeds from the Watcheka Sing, an independent women's sing given during the Mothers Day week end.

58. Mrs. Wilbur H. Coultas and family, \$1,083.35 for the Wilbur H. Coultas Memorial Fund. This is an endowment fund, the income to be used for awarding a prize to an outstanding senior in the College of Agriculture. At the end of twenty-five years the University may continue the prize or shall be free to use the principal for agricultural research, equipment, or in any manner best meeting the needs of the University at that time.

59. Mr. O. A. Harker, Jr., one hundred shares of Curtiss-Wright Class A stock to supplement the endowment of prizes in the College of Law established by his late father, Judge O. A. Harker.

60. Illinois Agricultural Association of Chicago, \$4,000 to employ a farm safety specialist.

61. Illinois Seed Dealers Association, \$1,000 to the Department of Agronomy for expenses of the exhibit trailer purchased with a previous gift from this Association.

62. W. K. Kellogg Foundation, Battle Creek, Michigan, \$40,743 as an addition to a grant of \$245,350 (reported to the Board June 13, 1951) in support of a project to strengthen educational broadcasting at the University of Illinois and at other universities which have educational radio stations.

63. Lockheed Aircraft Corporation, Burbank, California, the Lockheed Award plaque to be presented each semester to an outstanding freshman student in the Department of Aeronautical Engineering.

64. From the following donors for expenses in connection with the International Conference of Agricultural Economists: Asia Foundation, \$2,600; Association of Illinois Electric Cooperatives, \$3,500; California Packing Corporation, \$250; Cargill Foundation, \$500; Council on Economic and Cultural Affairs, Inc., \$900; DeKalb Agricultural Association, Inc., \$200; Pillsbury Mills, Inc., \$250; Quaker Oats Company, \$100; Rockefeller Foundation, \$10,000; Uhlmann Grain Company, \$100.

65. From the following donors to be added to the Women's Student Aid Fund: Chi Omega, \$100; Dads Association, \$100; Lincoln Avenue Residence Hall (South), \$100; Lincoln Avenue Residence Hall (North), \$115; Mother's Association, \$225; Pi Beta Phi Alumnae, \$100; Panhellenic Council (the governing and policy-making body of all sororities at the University of Illinois), \$1,000; Women's Group System (the organization of independent women on the campus), \$500.

Total, Undergraduate Scholarships, Prizes, and Other Financial

Aids.....\$120,637.74

Funds for Graduate Fellowships and Research

66. Allied Chemical and Dye Corporation, New York, New York:

a. National Aniline Division, \$2,386 for the renewal of a fellowship in chemistry and chemical engineering for the academic year 1955-56.

b. Nitrogen Division, \$1,900 for the renewal of a fellowship in organic chemistry.

67. Alumni of the University of Illinois Library School, \$600 for the Katharine L. Sharp Fellowship for the academic year 1955-56.

68. American Cyanamid Company, New York, New York, \$2,200 for the renewal of a fellowship in chemistry for the academic year 1955-56.

69. The American Oil Company (formerly the Pan American Refining Corporation), Texas City, Texas, \$236 for tuition and fees in connection with their fellowship in chemistry and chemical engineering.

70. Archer-Daniels-Midland Foundation, Minneapolis, Minnesota, \$1,600 to the Department of Food Technology for the continuation of a fellowship for study in fats and oils.

71. Estate of Antoinette Farren Brown, \$21,002.59 for the Walter Burrows Brown Fellowship in chemical research. (The terms governing this gift were stated in a resolution adopted by the Board of Trustees on October 23, 1951.)

72. The California Company, New Orleans, Louisiana, \$2,250 for the renewal of a fellowship in geology for the academic year 1955-56, and \$2,250 for a fellowship in soil mechanics in the Department of Civil Engineering, for the academic year 1955-56.

73. Celanese Corporation of America, Summit, New Jersey, \$2,500 for the renewal of a fellowship in physics for the academic year 1955-56.

74. Chicago Bridge and Iron Foundation, Chicago, \$3,500 for a research assistantship in structural engineering for the academic year 1955-56.

75. Corning Glass Works, Corning, New York, \$3,386 for a predoctoral fellowship in physics for the academic year 1955-56.

76. The Dow Chemical Company, Midland, Michigan, \$7,500 for the renewal of two fellowships in chemical engineering (\$2,500 each) and one in chemistry (\$2,500) for the academic year 1955-56.

77. Dunlop Tire and Rubber Goods Company, Limited, Canada, \$1,500 to the Department of Chemistry and Chemical Engineering for supplies and equipment in connection with a postdoctoral fellowship.

78. Eastman Kodak Company, Rochester, New York, \$2,786 for a fellowship in chemical engineering for the academic year 1955-56.

79. E. I. du Pont de Nemours & Company, Wilmington, Delaware:
 - a. \$2,900 for the renewal of a postgraduate teaching assistantship in chemistry for the academic year 1955-56.
 - b. \$3,664 for the renewal of a postgraduate fellowship in biochemistry in the Department of Bacteriology for the academic year 1955-56.
 - c. \$3,664 for the renewal of a postgraduate fellowship in chemical engineering for the academic year 1955-56.
80. Ethyl Corporation, Detroit, Michigan, \$2,386 for the renewal of a fellowship in chemical engineering for the academic year 1955-56.
81. Ferro Corporation, Cleveland, Ohio, \$4,224 for the renewal of a fellowship in ceramic engineering for the academic years 1954-55 and 1955-56.
82. The Firestone Tire & Rubber Company, Akron, Ohio, \$1,500 for a fellowship in chemistry for the academic year 1955-56.
83. General Electric Company, Schenectady, New York, \$5,900 for the renewal of fellowships in chemistry (\$2,600) and physics (\$3,300) for the academic year 1954-55, and \$8,600 for the renewal of fellowships in chemistry (\$4,900) and physics (\$3,700) for the academic year 1955-56.
84. Horizons Incorporated, Princeton, New Jersey, \$3,100 for a fellowship in the Department of Physics for the academic year 1955-56.
85. Illinois Clay Products Company, Joliet, \$4,000 for two fellowships in geology (\$2,000 each) for the academic year 1955-56.
86. Eli Lilly and Company, Indianapolis, Indiana, \$1,886 for the renewal of a fellowship in chemistry for the academic year 1955-56.
87. Minnesota Mining and Manufacturing Company, Saint Paul, Minnesota, \$4,000 for the renewal of a fellowship in chemistry and chemical engineering for the academic year 1955-56.
88. Monsanto Chemical Company, St. Louis, Missouri, \$2,900 for the renewal of a fellowship for the academic year 1955-56.
89. Motorola, Incorporated, Chicago, \$1,500 for the renewal of the Galvin Fellowship in electrical engineering for the academic year 1955-56.
90. National Lead Company:
 - a. Baroid Sales Division, Houston, Texas, \$2,400 for the renewal of a fellowship in geology for the academic year 1955-56.
 - b. Titanium Alloy Manufacturing Division, Niagara Falls, New York, \$2,000 for the renewal of a fellowship in ceramic engineering for the academic year 1955-56.
91. The Edward Orton, Jr. Ceramic Foundation, Columbus, Ohio, \$1,500 for the renewal of a fellowship in ceramic engineering for the academic year 1955-56.
92. Owens-Corning Fiberglas Corporation, Newark, Ohio, \$1,700 for the renewal of a fellowship in glass technology for the academic year 1955-56.
93. Charles Pfizer and Company, Inc., Brooklyn, New York, \$5,000 for a fellowship in chemistry beginning February 1, 1955.
94. Phillips Petroleum Company, Bartlesville, Oklahoma, \$2,500 for a fellowship in the Department of Chemistry and Chemical Engineering for the academic year 1955-56.
95. Pittsburgh Consolidation Coal Company, Library, Pennsylvania, \$2,250 for the renewal of a fellowship in chemical engineering for the academic year 1955-56.
96. The Procter & Gamble Company, Cincinnati, Ohio, \$2,600 for the renewal of a fellowship in chemistry for the academic year 1955-56.
97. Rohm & Haas Company, Philadelphia, Pennsylvania, \$2,000 for the renewal of a fellowship in the Department of Chemistry and Chemical Engineering for the academic year 1955-56.
98. St. Louis Regional Planning and Construction Foundation, St. Louis, Missouri, \$900 for the renewal of a fellowship in the Department of City Planning and Landscape Architecture for the academic year 1955-56.
99. Shell Fellowship Committee of the Shell Companies Foundation, Incorporated, New York, New York, \$2,286 for a fellowship in geology and \$1,900 for a fellowship in chemical engineering for the academic year 1955-56.
100. Sinclair Refining Company, New York, New York, \$2,500 for renewal of a fellowship in organic chemistry for the academic year 1955-56.
101. Socony-Vacuum Laboratories, Paulsboro, New Jersey, \$3,000 for the renewal of a fellowship in chemistry for the academic year 1955-56.

102. Sperry Gyroscope Company, Great Neck, New York, \$2,900 for a fellowship in electronics for the academic year 1955-56 (\$1,500 for the stipend and \$1,400 for tuition and expenses).
103. Standard Oil Company of California, \$2,650 for the renewal of a fellowship in chemistry for the academic year 1955-56.
104. Standard Oil Company (Indiana), Whiting, Indiana, \$2,500 for the renewal of a fellowship in engineering for the academic year 1955-56.
105. The Standard Oil Company (an Ohio Corporation), Cleveland, Ohio, \$2,250 for the renewal of a fellowship in chemistry and chemical engineering for the academic year 1955-56.
106. Standard Oil Foundation, Inc., Chicago, \$2,500 for the renewal of a fellowship in chemistry for the academic year 1955-56.
107. Henry Strong Educational Foundation, Chicago, \$600 for a fellowship in physics for the academic year 1955-56.
108. Sylvania Electric Products, Inc., Bayside, New York, \$1,500 for the renewal of a fellowship in physics for the academic year 1955-56.
109. The Texas Company, New York, New York, \$4,500 for the renewal of a fellowship in chemistry for the academic years 1954-55 and 1955-56.
110. Toms River-Cincinnati Chemical Works, Cincinnati, Ohio, \$1,786 for the renewal of a fellowship in chemistry for the academic year 1955-56.
111. The Trane Company, LaCrosse, Wisconsin, \$1,500 for the renewal of a fellowship in chemistry for the academic year 1955-56.
112. Union Carbide and Carbon Corporation, Bakelite Company, Bloomfield, New Jersey, \$1,500 for the renewal of a fellowship in chemistry and chemical engineering for the academic year 1955-56.
113. Union Carbide and Carbon Corporation, Bakelite Company, Bloomfield, New Jersey, \$3,000 for the renewal of a fellowship in organic chemistry for the academic year 1955-56.
114. Union Carbide and Carbon Corporation, New York, New York, \$3,300 for the renewal of a fellowship in mining and metallurgical engineering for the academic year 1955-56.
115. United States Rubber Company Foundation, New York, New York, \$3,300 for the renewal of a fellowship in chemistry for the academic year 1955-56.
116. United States Steel Foundation, Inc., New York, New York, \$6,000 for a fellowship in the Department of Physics for the academic year 1955-56.
117. Victor Chemical Works, Chicago, \$2,000 for the renewal of a fellowship in chemistry for the academic year 1955-56.
118. The Visking Corporation, Chicago, \$4,500 for the renewal of two fellowships (\$2,250 each), one in chemistry and one in mechanical engineering, for the academic year 1955-56.
119. Westinghouse Educational Foundation, Pittsburgh, Pennsylvania, \$2,500 for the renewal of a fellowship in electrical engineering for the academic year 1955-56.
120. Abbott Laboratories, Chicago, \$1,000 to the Department of Animal Science for a study of arsanilic acid in swine rations.
121. American Cancer Society, New York, New York:
 - a. \$12,637 to the Department of Botany for a study on plant tumors produced by virus, under the direction of Dr. Lindsay M. Black (Grant BO-1G).
 - b. \$24,450 to the Department of Bacteriology for studies on virus growth and structure and on host-virus specificity, under the direction of Professor S. E. Luria (Grant V-3H).
 - c. \$56.91 to the Department of Zoology for a study of infra-red absorption and X-ray diffraction standard data for molecular cytology, under the direction of Dr. Carl C. Clark (Grant PH-22).
122. Armour and Company, Chicago:
 - a. \$3,000 to the Department of Food Technology for a study of the factors which affect the stability of highly unsaturated fatty acids.
 - b. \$1,000 to the Department of Animal Science for studies on the metabolism of trimethylalkylammonium stearate.
123. Augustine Ascending Elm Research Association, Inc., Chicago, \$300 to the Department of Horticulture for research on propagation of trees, especially by constant mist.
124. Campbell Soup Company, Camden, New Jersey, \$1,000 for research on mushrooms.

125. Chicago Bridge and Iron Foundation, Chicago, \$5,000 to the Department of Civil Engineering for research in the general field of welding.

126. Food Machinery and Chemical Corporation, Middleport, New York, \$1,300 to the Department of Horticulture for the fruit fungicide program (\$500) and the chemical thinning of trees (\$800).

127. The Ford Foundation, New York, New York, \$75,000 to the Institute for Research on Exceptional Children to further the practical utilization of behavioral science knowledge. The term of the grant will be five years and will be payable in five annual installments of \$15,000 each. The first installment of \$15,000 has been received.

128. Hoffman-LaRoche, Inc., Nutley, New Jersey, \$4,000 to the Department of Animal Science for a grant-in-aid in the field of vitamin E and antioxidants.

129. Hooker Electrochemical Company, Niagara Falls, New York, \$1,000 to the Department of Agronomy for research on weed control.

130. Illinois Farm Electrification Council, \$112 to the College of Agriculture for the continuance of farm electrification research and educational work.

131. Illinois Farm Supply Company, Chicago, \$1,500 to the Department of Animal Science for research and \$500 to the Department of Dairy Science for research.

132. Illinois Seed Producers Association, Inc., \$6,019.86 to the Department of Agronomy for corn research.

133. Illinois Turkey Growers Association, \$715.05 to the College of Veterinary Medicine for research on diseases of turkeys.

134. Kilgore, Inc., Westerville, Ohio, \$1,600 to the Institute of Aviation for the publication of Institute Bulletin No. 17 which describes the results obtained from research on an airplane flare project.

135. The Kretschmer Corporation, Carrollton, Michigan, \$500 to the Department of Food Technology for research on fats and oils.

136. Eli Lilly and Company, Indianapolis, Indiana, \$1,500 to the Department of Chemistry and Chemical Engineering for research on triterpene and steroids.

137. Lipotropic Research Foundation, New York, New York, \$2,500 to the Department of Chemistry and Chemical Engineering for a study of intermediary metabolism of Myo-inositol and its derivatives.

138. Lumber Dealers Research Council, Pennington, New Jersey, \$7,900 to the Small Homes Council for research.

139. Malting Barley Improvement Association, Milwaukee, Wisconsin, \$200 to the Department of Agronomy for barley variety-fertilizer tests at Woodstock, Illinois.

140. Midwestern Universities Research Association, \$10,979 to the Department of Physics for the work of MURA on the Cosmotron development.

141. Mrs. C. Phillip Miller, Chicago, \$2,296 to be added to the Sinnissippi Forest Trust Fund in support of forestry research.

142. Modern Medicine Publications, Inc., Minneapolis, Minnesota, \$2,871 to the Bureau of Economic and Business Research for a study on the effectiveness of pharmaceutical advertising.

143. National Foundation for Infantile Paralysis, \$1,000 to the Department of Chemistry and Chemical Engineering for research in biochemistry.

144. National Livestock and Meat Board:

a. \$4,600 to the Department of Physiology for a study of the effects of a sustained diet of meat for one year on nitrogen, calcium, phosphorus, sodium, and potassium metabolism.

b. \$4,000 to the Department of Food Technology for a study of biological utilization of fatty acid isomers.

145. The National Project in Agricultural Communications, \$950 to the College of Agriculture for a study of agricultural programming on commercial television stations in Illinois.

146. National Science Foundation, Washington, D.C., in support of the following research:

a. \$13,500 to the Department of Chemistry and Chemical Engineering for research on metastable boiling, under the direction of Professor J. W. Westwater (Grant NSF-G593).

b. \$6,200 to the Department of Chemistry and Chemical Engineering for research on alpha- and beta-amyrin triterpenes, under the direction of Professor Elias J. Corey (Grant NSF-G1826).

c. \$4,100 to the Department of Botany for research on taxonomic and phyto-geographic studies of the marine algae of California, under the direction of Professor Paul C. Silva (Grant NSF-G1845).

147. National Vitamin Foundation, Inc., New York, New York, \$7,450 to the Department of Animal Science for research on radioactive vitamin A (\$2,500) and for studies on the role of vitamin B12 in animal nutrition (\$4,950).

148. Northern Illinois Breeding Co-op, Hampshire, \$5,659.25 to the Department of Dairy Science for research in the field of artificial breeding.

149. Olin Mathieson Chemical Corporation, New Haven, Connecticut, \$3,000 to the Department of Chemistry and Chemical Engineering for research.

150. Charles Pfizer and Company, Inc., Brooklyn, New York, \$3,500 to the Department of Food Technology for a study of the use of antibiotics in meat preservation.

151. The Procter & Gamble Company, Cincinnati, Ohio, \$12,000 to the Department of Chemistry and Chemical Engineering for research on wheat lipides (\$6,000) and egg yolk lipides (\$6,000).

152. Pure Milk Association of Chicago, \$1,500 to the Department of Food Technology for research on butterfat adulteration.

153. Refrigeration Research Foundation, Colorado Springs, Colorado, \$3,000 to the Department of Mechanical Engineering for research on frost formation on refrigeration coils.

154. Research Corporation, New York, New York, \$4,855 to the Department of Chemistry and Chemical Engineering for an investigation of the chemistry of ferrocene and derivatives (\$2,980) and for research on initiation and nature of natural convection flow instabilities for a fluid flowing in a vertical heated tube (\$1,875).

155. Martin Rispen's Seed Store, Lansing, \$100 to the Department of Plant Pathology for research on nematodes in onion sets.

156. Riverdale Chemical Company, Harvey, \$1,000 to the Department of Agronomy for research on weed control and \$500 to the State Natural History Survey for research on insects.

157. Russell Sage Foundation, New York, New York, \$10,531 to the Department of Psychology for a study of application of social science to child development and parent education.

158. S. M. News Company, Inc., New York, New York, \$2,000 to the Bureau of Business Management for a study to measure the effects of enlarging the space devoted to magazine display in retail outlets.

159. Socony-Vacuum Laboratories, New York, New York, \$4,000 to the Department of Chemistry and Chemical Engineering for research.

160. Southern Illinois Breeding Association, Breese, \$5,478.40 to the Department of Dairy Science for research on artificial breeding.

161. A. E. Staley, Decatur, \$285.94 to the Department of Marketing for research.

162. Stauffer Chemical Company, New York, New York, \$500 to the Department of Horticulture for an investigation of Captan and Mercury materials on apples and strawberries.

163. Swift and Company, Chicago, \$4,500 to the Department of Food Technology for a study of the reversion factor in beef tallow, and \$4,500 for a study of the factors which affect the nutritional value of heated fats.

164. Tee-Pak Foundation, Chicago, \$500 to the Department of Food Technology for the study of various types of films as retardants to deterioration of meat and meat products.

165. Tennessee Corporation Research Laboratories, College Park, Georgia, \$400 to the Department of Horticulture for investigations on fungicides.

166. Texas Gulf Sulphur Company, New York, New York, \$5,500 for the continuation of an assistantship in chemistry on the mechanism of the combustion of sulfur for two years beginning September 1, 1954.

167. United States Public Health Service, for support of the following research and educational programs. The numbers in parentheses are the code numbers used by the U. S. Department to identify the grant.

a. \$8,044 for a study of hydroxylation of kynurenine, under the direction of Dr. L. M. Henderson, Department of Chemistry and Chemical Engineering, for one year beginning September 1, 1955 (A-801).

b. \$20,406 for neurological research using focused ultrasound, under the direction of Dr. William J. Fry, Department of Electrical Engineering, for one year beginning June 1, 1955 (B-613 R).

c. \$500 for a grant-in-aid, under the direction of Dr. Robert E. Johnson, Department of Physiology, for one year beginning June 18, 1955 (CF-4736 C).

d. \$10,721 for a study of bionomics of floodwater mosquitoes, under the direction of Dr. W. R. Horsfall, Department of Entomology, for one year beginning September 1, 1955 (E-893).

e. \$2,619 for a study of the influence of thiamine on the biosynthesis of fatty acids and cholesterol, under the direction of Dr. George Wolf, Radiocarbon Laboratory, for one year beginning January 1, 1955 (H1945).

f. \$500 for a grant-in-aid, under the direction of Dr. O. H. Mowrer, Department of Psychology, for one year beginning March 1, 1955 (MF-5130).

g. \$8,078 for a study of biological treatment of petrochemical wastes, under the direction of Dr. J. C. Dietz, Department of Civil Engineering, for one year beginning September 1, 1955 (RG-4443).

168. Union Stock Yard and Transit Company, Chicago, \$1,500 to the Department of Agricultural Economics for marketing hogs on a live quality basis.

169. Velsicol Corporation, Chicago, \$2,500 to the Department of Zoology for an investigation of the toxicity of chlorinated hydrocarbons, under the direction of Dr. Lester Ingle.

170. Western Cartridge Company, a Division of Olin Industries, East Alton, \$4,600 to the State Natural History Survey for research in migratory waterfowl.

171. F. H. Woodruff & Sons, Inc., Milford, Connecticut, \$500 to the Department of Plant Pathology for research on nematode problems.

Total, Funds for Graduate Fellowships and Research.....\$531,247.00

Gifts of Equipment, Library Materials, Works of Art, and Funds for Maintenance of Gifts

172. Mr. Walter Bareiss, Greenwich, Connecticut, a painting, "No. 13," by Mark Rothko.

173. Delco Products, Dayton, Ohio, electrical equipment (estimated value \$130).

174. General Motors Corporation, Detroit, Michigan, to the Department of Mechanical Engineering, a series 4-51 engine (estimated value \$1,000) and a 1955 Chevrolet V-8 engine (estimated value \$600).

175. Illinois Retail Farm Equipment Association, Peoria, to the Extension Service in Agriculture and Home Economics, a specially equipped Case farm tractor (estimated value \$1,500).

176. Mr. J. H. King, New York, New York, four paintings: "Femme à sa toilette," by Edgar Degas; "Femmes nues couchées," by Pierre Auguste Renoir; "La Blanchisseuse," by Pierre Auguste Renoir; and "Apocalyptic Landscape," by George Grosz.

177. Mr. Albert A. List, New York, New York, two paintings, "A la memoire de Mathieu," by Georges Mathieu, and "In Gray and Tan," by Robert Motherwell.

178. Dr. Karl A. Meyer, Chicago, two paintings, "Baptism of Christ" and "Jesus Presents the Keys to St. Peter," by Franz Christopher Janneck.

179. Mr. Ira Morris, 11 Rue Scribe, Paris, France, a painting, "The Garden," by Buffie Johnson.

180. Mr. Charles A. Ocock, Racine, Wisconsin, to the Department of Agricultural Engineering, a complete set of the bound proceedings of the American Society of Agricultural Engineers.

181. Sola Electric Company, Chicago, to the Department of Electrical Engineering, electrical equipment (estimated value \$125).

182. Mr. David M. Solinger, New York, New York, a painting, "Figure in Blue," by Marcello Boccacci.

183. Mr. Erwin D. Swann, New York, New York, an important portrait of Segovia by Arbit Blatas.

184. Western Electric Company, Inc., Chicago, to the Department of Electrical Engineering, electrical equipment (estimated value \$275).

Total, Colleges and School at Urbana-Champaign.....\$651,884.74

Chicago Undergraduate Division

185. American Foundrymen's Society, Chicago Chapter, \$1,335 for the Robert E. Kennedy Scholarship in engineering.

186. Foundry Educational Foundation, \$600 for scholarships in engineering (\$350) and a grant (\$250) to be used in the interest of cast metals promotion.

187. Standard Oil Company, \$1,000 to be added to the Stebinger Memorial Library Fund to be used for the purchase of books.

Total, Chicago Undergraduate Division.....\$2,935.00

Chicago Professional Colleges

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

188. Abbott Laboratories, North Chicago:

a. \$1,000 to the Department of Physiology for a study of the effect of a new type of renal extract in experimental hypertension, under the direction of Dr. G. E. Wakerlin, for one year beginning October 1, 1954.

b. \$1,250 to the Department of Neurology and Neurological Surgery for a study of electroencephalograms, under the direction of Dr. F. A. Gibbs.

c. \$500 to the Department of Surgery (Anesthesiology) for a Parabutotoxate study, under the direction of Dr. Max Sadove.

189. American Felsol Company, Lorraine, Ohio, \$1,500 to the Department of Medicine for a study of the effect of antipyrine and related drugs on bronchial asthma, under the direction of Dr. Max Samter.

190. Armour Laboratories, Chicago, \$3,600 to the Department of Medicine for research in hematology, under the direction of Dr. L. R. Limarzi.

191. Borden Company, New York, New York, \$1,500 to the Department of Medicine for a study of bronchial asthma in children, under the direction of Dr. Max Samter.

192. Consolidated Cosmetics, Chicago, \$3,000 to the Department of Dermatology for a study of the effect of a mixture of lanolin, mineral oil, and isopropyl palmitate on oily skin and on blackheads, under the direction of Dr. Adolph Rostenberg, Jr.

193. Cutter Laboratory, Berkeley, California, \$1,000 to the Department of Neurology and Neurological Surgery for research on Spirodon, under the direction of Dr. Frederick W. Stamps.

194. Dome Chemicals, Inc., \$500 to the Department of Dermatology for research under the direction of Dr. Marcus R. Caro.

195. Ethicon Suture Laboratories, New Brunswick, New Jersey, \$800 to the Department of Surgery for research, under the direction of Dr. Joseph Narat.

196. General Cosmetics Corporation, Chicago, \$400 to the Department of Dermatology for a study of the patch test properties of an aerosolized collodion mixture, under the direction of Dr. Adolph Rostenberg, Jr.

197. Lederle Laboratories, Pearl River, New York:

a. \$1,200 for two summer fellowships (\$600 each).

b. American Cyanamid Company, \$10,000 to the Department of Medicine for research on infectious diseases and related fields, under the direction of Dr. Harry F. Dowling.

198. Miles Laboratories, Chicago, \$4,507.65 to the Department of Clinical Science for research on gastrointestinal piperazine, under the direction of Dr. A. C. Ivy, for the period from December 15, 1954, through July 14, 1955.

199. Charles Pfizer and Company, Inc., Brooklyn, New York, \$6,000 to the Department of Medicine for research on infectious diseases and related fields, under the direction of Dr. Harry F. Dowling, for one year from October 1, 1954.

200. Sandoz Pharmaceuticals, Chicago, \$3,000 to the Department of Pharmacology to supplement the Neuropharmacology Research Fund, under the direction of Dr. K. R. Unna, for one year beginning October 1, 1954.

201. Sharp & Dohme, Division of Merck & Co., Inc., Glenolden, Pennsylvania, \$1,100 to the Department of Medicine to supplement a grant for collection of photographic material for teaching of infectious diseases, under the direction of Dr. Mark H. Lepper.

202. Smith, Kline, and French Laboratories, Philadelphia, Pennsylvania:

a. \$5,000 to the Department of Surgery (Anesthesiology) for research under the direction of Dr. Max S. Sadove.

b. \$3,000 to the Department of Surgery (Anesthesiology) for pain study, under the direction of Dr. Max S. Sadove.

c. \$1,800 to the Department of Surgery for research on chlorpromazine and circulation (peripheral and splanchnic), under the direction of Doctors Reuben C. Balagot and Max S. Sadove.

203. Arthritis and Rheumatism Foundation, Chicago, \$1,000 to the Department of Medicine for research in arthritis, under the direction of Dr. Irving E. Steck, for one year beginning November 1, 1954.

204. Helen and Sam Beber Foundation, \$6,500 to the Audiology Fund.

205. Borden Company Foundation, New York, New York, \$2,500 to continue the Borden undergraduate research award in medicine for five years (\$500 per year), and \$1,500 to continue the Borden scholarship awards in the College of Pharmacy.

206. Chicago Community Trust—William Allen Pusey Fund, \$1,000 for acquisitions in the field of dermatology for the Quine Library of Medical Sciences.

207. Lakeland Foundation, Chicago, \$9,525 to the Department of Clinical Science for continuation of a study to attempt to isolate the growth stimulating and inhibiting agents in the liver or intestinal mucosa, under the direction of Dr. A. C. Ivy, for the period from November 1, 1954, through August 31, 1955.

208. Life Insurance Medical Research Fund, \$7,260 to the Department of Biological Chemistry for a study of the biochemical basis for the difference in virulence of the smooth and matte variants of Group A Streptococci, under the direction of Dr. S. S. Barkulis, for one year beginning July 1, 1955.

209. Teagle Foundation, Inc., New York, New York, \$8,000 to the Department of Psychiatry for paralysis agitans research, under the direction of Doctors Leo G. Abood and Ralph W. Gerard, for one year beginning December 1, 1954.

210. American Cancer Society, Inc., New York, New York:

a. \$7,776 to the Department of Pathology for a study of the endocrine factors controlling the growth of various tissues of the cervix uteri, under the direction of Dr. H. R. Catchpole, for one year beginning July 1, 1954.

b. \$3,412 to the Department of Surgery for a study of cancer inhibitors, under the direction of Dr. Gerald O. McDonald, for one year beginning July 1, 1955.

c. \$7,938 to the Department of Radiology for a study of radioactive tracers, under the direction of Dr. Walter Moos, for one year beginning July 1, 1955.

211. American Medical Association:

a. \$500 to the Department of Medicine for a serial study of exchangeable potassium in man in the presence of central nervous system infections, under the direction of Dr. Alexander F. Remenchik.

b. \$492 to the Department of Surgery for studies on biliary reflux in production of infection, under the direction of Dr. Warren H. Cole.

c. \$500 to the Department of Biological Chemistry for a study of the phosphate analogues of intermediates of glycolysis, under the direction of Dr. Terrell C. Myers.

212. Asthmatic Children's Aid, Chicago:

a. \$4,400 to the Department of Medicine for a study of the pathophysiology of bronchial asthma, under the direction of Dr. Max Samter.

b. \$1,250 to the Department of Medicine for studies on atopic dermatitis, under the direction of Dr. Ben Z. Rappaport.

213. Associated Hospital Service of Illinois, Inc., \$50 to the Department of Otolaryngology for photographic supplies for Dr. Maurice F. Snitman.

214. Chicago Heart Association:

a. \$6,000 to the Department of Physiology for a study of pathogenesis and treatment of experimental renal hypertension in monkeys and dogs, under the direction of Dr. G. E. Wakerlin, for one year beginning July 1, 1955.

b. \$4,500 to the Department of Preventive Medicine for studies on the serum glycoproteins in cardiovascular disease, under the direction of Dr. R. J. Winzler, for one year beginning July 1, 1955.

215. Illinois Federation of Women's Clubs, \$1,224.10 to the Tumor Clinic for studies under the direction of Dr. Danely P. Slaughter in the Department of Surgery.

216. Muscular Dystrophy Association, New York, New York:

a. \$6,987.60 to the Department of Medicine for research on carnitine metabolism in muscular dystrophy, under the direction of Dr. Robert M. Kark.

b. \$28,102.75 to the Department of Psychiatry for a study of metabolism and membrane potential of skeletal muscle fibers and relation to function, under the direction of Dr. R. W. Gerard, for one year beginning January 1, 1954.

217. National Multiple Sclerosis Society:

a. \$14,894 to the Department of Neurology and Neurological Surgery for the genetic study of multiple sclerosis, under the direction of Dr. R. P. Mackay, for one year beginning January 1, 1955.

b. \$6,343 to the Department of Psychiatry for the multiple sclerosis literature coding project, under the direction of Dr. R. S. Levine, for the period from November 1, 1954, through April 30, 1955.

218. United Cerebral Palsy Association:

a. \$2,000 to the Department of Neurology and Neurological Surgery for research under the direction of Dr. F. A. Gibbs, for six months beginning January 1, 1955.

b. \$11,327.53 to the Department of Physical Medicine and Rehabilitation for research under the direction of Dr. Frances A. Hellebrandt, for one year from September 1, 1954.

219. Winnetka Garden Club, \$400 to plant a garden for patients in the Research and Educational Hospitals.

220. Women's Auxiliary of the Chicago Memorial Hospital, \$4,850 for a loan fund for students in the College of Medicine.

221. Women's Club of Hinsdale, \$136 for a scholarship in nursing.

222. From the following donors for the Occupational Therapy Gift Fund: Chicago Illinae Club, \$100; Members of the Government and Civic Employees Local 1220, \$10.

223. From the following donors for the Orthopaedic Surgery Gift Fund: Drama Club of Evanston, \$500; Edgebrook Lion's Club, \$58.80; Kappa Alpha Theta, \$330; Women of the Rotary, \$3,003.79.

224. United States Department of Health, Education, and Welfare, for support of the following research and educational programs. The numbers in parentheses are the code numbers used by the U. S. Department to identify the grant.

a. \$5,921 for biochemical studies on gulose, idose, and talose, under the direction of Dr. Paul Kohn, Department of Biological Chemistry, for one year beginning September 1, 1954 (A425-C).

b. \$4,793.73 for an electron microscopic study of the glomerulus, especially its basement membrane in normal and nephritic mice, under the direction of Dr. Parke H. Simer, Department of Anatomy, for one year beginning April 1, 1955 (A636-C3).

c. \$1,701 for a study of the cerebral cortex projection system in the primate, under the direction of Dr. Gerhardt von Bonin, Department of Anatomy, for one year from April 1, 1955 (B358-C2).

d. \$19,908.58 for studies on metabolism, morphology, and electrical properties of the nervous system in relation to each other and to normal and disturbed functioning, under the direction of Dr. R. W. Gerard, Department of Psychiatry, for one year beginning September 1, 1954 (B413-C).

e. \$9,737.09 for the study of relations between nuclear and cytoplasmic nucleoproteins in developing and mature nerve cells, under the direction of Dr. Arthur LaVelle, Department of Anatomy, for one year beginning September 1, 1954 (B415-C) (415-CS).

f. \$14,173 for a study of three dimensional delimitation of the epileptogenic foci in patients with psychomotor epilepsy, under the direction of Dr. A. B. Kendrick, Department of Neurology and Neurological Surgery, for one year beginning September 1, 1954 (B 628).

g. \$5,778 for a study of thyroid status and neuromuscular function, under the direction of Dr. Neena Schwartz, Department of Physiology, for one year beginning March 1, 1955 (B768 R).

h. \$6,175.62 for a study of odontome formation in a known strain of rats, under the direction of Dr. Isaac Schour, Department of Histology, for one year beginning October 1, 1954 (C464 C5).

i. \$11,267.01 for a study of leukocytes, under the direction of Dr. Richard J. Winzler, Department of Biological Chemistry, for one year beginning September 1, 1954 (C1828 C2).

j. \$4,968 for a study of gonadotropins and ovarian X-ray effects, under the

direction of Dr. James C. Plagge, Department of Anatomy, for one year beginning April 1, 1955 (C2254-C).

k. \$46,602 for a cooperative investigation on the chemotherapy of leukemia, under the direction of Doctors William R. Best and Louis R. Limarzi, Department of Medicine, and Dr. Richard J. Winzler, Department of Biochemistry (C2347R).

l. \$500 for a study of the correlation between renal structure, urinalysis, and tests of kidneys function and studies of the natural history of kidney disease as shown by serial biopsy, under the direction of Dr. Robert M. Kark, Department of Medicine, for one year beginning September 1, 1954 (CF 5083).

m. \$5,000 for the cancer training program in the College of Dentistry, under the direction of Dr. Isaac Schour, Department of Histology, for one year beginning April 1, 1955 (CT-663-C7).

n. \$25,000 for the cancer training program under the direction of Dr. Danely P. Slaughter, Tumor Clinic, for one year from April 1, 1955 (CT 630 C7).

o. \$2,260 for instruction in and clinical demonstration of treatment procedures for occupational therapy students, under the direction of Miss Beatrice Wade, Department of Occupational Therapy, for six months beginning January 1, 1955.

p. \$9,876.01 for a study of the measurement of the metabolic turnover times of the electrophoretic plasma protein components in cardiac decompensation and in diseases of the vascular system in presumed hyperimmune etiology, under the direction of Dr. S. H. Armstrong, Jr., Department of Medicine, for one year from January 1, 1955 (H-1511 C).

q. \$5,499.78 for a study of normal and hypercholesterolemic animals, under the direction of Dr. C. L. Pirani, Department of Pathology, for one year beginning January 1, 1955 (H 1576 C).

r. \$12,000 for an investigation of heat regulation of the aged, under the direction of Dr. Ford K. Hick, Department of Medicine, for one year beginning July 1, 1954 (H 1664 C2).

s. \$11,410 for a grant entitled "USPH H-1977, Clearing Factors," under the direction of Dr. Laurence Pilgeram, Department of Physiology, for the period from December 1, 1954, through August 31, 1956 (H-1977).

t. \$5,788 for a study of tissue metabolism at high atmospheric pressure, under the direction of Dr. Frank E. South, Department of Physiology, for one year beginning September 1, 1954 (H4269).

u. \$23,319.68 for the cardiovascular training grant, under the direction of Medicine Administration (HT 300-C5).

v. \$34,570.10 for a study of neural mechanisms of behavior, under the direction of Dr. Garth J. Thomas, Department of Psychiatry, for five years beginning January 1, 1954 (M694 C).

w. \$22,396 for studies of psychosomatic disorders in children, under the direction of Doctors Ann Garner and Francis J. Gerty, Department of Psychiatry, for one year beginning September 1, 1954 (M823 R).

x. \$21,031 for a training grant for clinical psychology, under the direction of Dr. Alan K. Rosenwald, Department of Psychiatry, beginning July 1, 1954 (2M5083 C7) (2M5538 C4).

y. \$9,985.73 for the study of histopathology in gingiva in systemic diseases, under the direction of Dr. Isaac Schour, Department of Histology, for one year beginning September 1, 1954 (RG 359 C5).

z. \$4,320 for a study of electrolyte changes in protein anabolism during rapid rehabilitation from inanition, under the direction of Dr. Robert M. Kark, Department of Medicine, for one year beginning October 1, 1954 (RG 3274 C2).

aa. \$8,500 for a study of the application of nuclear resonance techniques to pharmacological problems, under the direction of Doctors Robert A. Kromhout and William G. Moulton, Department of Pharmacology, for one year beginning January 1, 1955 (RG 3722 C).

bb. \$3,510 for a study of tryptophane biosynthesis in microorganisms, under the direction of Dr. Max E. Rafelson, Jr., Department of Biological Chemistry, for one year from January 1, 1955 (RG 4175 C).

225. United States Children's Bureau, \$39,128.68 for the Consultation Clinic for Epilepsy, Department of Neurology and Neurological Surgery.

Total, Funds Received from Private Industries, Foundations, Other Organizations, and Government Agencies for Research and Graduate Study\$580,148.23

Funds Received from Individuals

226. Anonymous donors:
- \$1,800 to the Haffa Cardiovascular Surgery Fund, under the direction of Dr. Ormand C. Julian, Department of Surgery.
 - \$200 for the Patrick and Bertha Mooney Scholarship Fund.
 - \$400 for research in the Department of Anatomy.
 - \$1,000 to the Pediatric Gift Fund.
 - \$110 to the Psychiatry Gift Fund.
 - \$1,165 to the Neurology Gift Fund.
 - \$5 to the Clinical Science Gift Fund.
 - \$975 to the Surgery Travel Fund (\$375) and Miscellaneous Fund, Department of Surgery (\$600).
 - \$50 for prizes for excellence in clinical dentistry.
227. Mr. August L. Bormann, Chicago, \$200 to the Physical Medicine and Rehabilitation Gift Fund.
228. Mrs. Robert Carr, \$250 to the Pediatric Gift Fund, under the direction of Dr. H. N. Sanford.
229. From the following donors for the Fremont A. Chandler Memorial Fund (the purpose of this fund is to provide equipment and maintenance for the Department of Orthopaedic Surgery Library and to assist in that Department's educational program. The fund was established in memory of the late Dr. Fremont A. Chandler who was Professor and Head of the Department of Orthopaedic Surgery, and who died on December 24, 1954. The fund is under the direction of Dr. Claude N. Lambert): Doctors J. J. Fahey, J. D. Farrington, C. V. Heck, and J. C. Plagge, \$475; Doctors W. A. Marshall, W. H. Schwingel, Jr., Fred Shapiro, and H. E. Turner, \$1,075; Doctors P. H. Dickinson and L. S. Varzino, \$35; Doctors W. H. Bruck, R. M. Cronin, T. A. Fox, D. A. Hinojosa, R. T. Lidge, and W. H. Love, \$330; Dr. Lyle Russell, \$100; Dr. Robert C. Bechtol, \$50.
230. Mrs. Sheila Dietz, \$100 to the Miscellaneous Gifts Cancer Research.
231. Dr. Francis L. Lederer, \$2,500 to the Audiology Fund, Department of Otolaryngology.
232. From the following donors to the Miscellaneous Donors—Surgery Fund, under the direction of Dr. Warren H. Cole: Miss Isabel Hiley, \$100; Miss Netta Haine, \$100; Miss Henrietta Robb, \$25.
233. From the following donors to the Miscellaneous Otolaryngology Fund, to be used to buy photographic film for use by Dr. Maurice F. Snitman, Department of Otolaryngology: J. Earl Lewis, \$50; Saul Spencer, \$10.
234. Dr. T. Weclaw, \$100 to the Gallie-Dittmar Loan Fund for dental students.
- | | |
|---|----------------|
| <i>Total, Funds Received from Individuals</i> | \$ 11,205.00 |
| <i>Total, Chicago Professional Colleges</i> | \$ 591,353.23 |
| <i>Grand Total</i> | \$1,246,172.97 |

Gifts and Grants Previously Reported

During the calendar year 1955, the following gifts and grants have been previously reported to the Board:

- Miss Laura M. Weber, six hundred and forty acres of farm land in La Salle County. (Reported to the Board March 30, 1955, Minutes pages 257 and 258.)
- General Motors Corporation Scholarships. The University of Illinois has received five undergraduate General Motors College Scholarships. (Reported to the Board March 30, 1955, Minutes pages 270 and 271.) The stipends of these scholarships have been listed in the general report of gifts and grants.
- Rockefeller Foundation, \$10,000 for general support of the International Conference of Agricultural Economists held at Helsinki, Finland, August, 1955. (Reported to the Board March 30, 1955, Minutes page 271.)
- Ford Foundation, \$146,327 to the University and for the Ministry of Education of the Republic of Turkey for the benefit of secondary school education in that country. (Reported to the Board March 30, 1955, Minutes page 271.)
- Estate of Dan S. Crego, DeKalb, a bequest of \$5,000 for medical research. (Reported to the Board September 23, 1955, Minutes page 799.)

Summary of 1954 Achievement Fund

The income of the Illini Achievement Fund of the University for the calendar year 1954 amounted to \$86,410.80. Of this total \$64,911.16 was received in sums designated for specific projects, and \$21,499.64 was received in undesignated gifts.

All allocations of undesignated gifts were made by the Board of Directors of the University of Illinois Foundation with the approval of the University administration. The following summary shows the distribution of 1954 income:

Gifts to 1954 Projects.....	\$50 011 57
Special Projects	13 547 40
Gifts for Endowment Purposes.....	20 841 60
Income from Endowment Funds.....	2 010 23

Details of this report have been published in the *Illinois Alumni News* of February, 1955, and are being filed with the Secretary of the Board for record.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(14) The Comptroller's report of contracts executed during the period November 1 to 30, 1955.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Griffin Wheel Company	Properties of refractories as related to service in a steel pressure casting process	\$12 000 00	February 1, 1956
Merck & Company, Inc.	Experimental treatment of porcine leptospiral carriers with special reference to streptomycin	1 000 00	November 1, 1955
Seaplant Chemical Corporation	Interaction of carrageenin and milk proteins	2 500 00	February 1, 1956
United States Air Force AF 18(600)-1580	Effect of palmitic acid and stearic acids on dietary cholesterol absorption	18 274 00	October 1, 1955
United States Air Force AF 33(616)-3203	"Secret" Civil Engineering	78 239 95	August 1, 1955
United States Army DA-11-074-AV-1913	Academic instruction of military personnel	Rates per contract	September 1, 1955
United States Army DA-11-175-AV-1582	Academic instruction of military personnel	Rates per contract	June 20, 1955
United States Army DA-11-175-AV-1653	Academic instruction of military personnel	Rates per contract	September 1, 1955
United States Navy N600(p)-40096	Naval Reserve Officers' Training Corps program	36 200 00	July 1, 1955
Veterans Administration V3028V-2645	Education and training	Rates per contract	September 12, 1955

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
County of Cook	Training of College of Medicine students in Cook County Hospital, Chicago	\$ 1 200 00	July 1, 1954
Layne-Western Company	Test well for Biology Building	490 00	October 18, 1955
John C. Metcalfe and Associates, Inc.	Lecture by William L. Shirer at Chicago Professional Colleges, February 29, 1956	350 00	October 31, 1955
Schmidt, Garden & Erickson	Architectural services, repair gymnasium arches, Chicago Undergraduate Division	750 00	August 12, 1955

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
International Harvester Company	Farm equipment for use by College of Agriculture	\$ 281 17	July 1, 1955
John Deere Plow Company (four agreements)	Farm equipment for use by College of Agriculture	803 54	November, 1955
New Idea Farm Equipment Company (two agreements)	Farm equipment for use by College of Agriculture	40 37	October 1, 1955
Wood Brothers Manufacturing Company	Farm equipment for use by College of Agriculture	50 00	January 15, 1956

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Commonwealth Edison Company	Transient fault detector for transmission lines (URC case 105)	\$ 3 000 00	September 8, 1955

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Commonwealth Edison Company	Covering for underground cables (URC case 116)	\$ 500 00	September 8, 1955
Johnson Service Company	Operating and leak characteristics of various types of dampers which are used to control flow of air in air conditioning, heating, and ventilating systems	15 000 00	February 1, 1956
Ohmite Manufacturing Company	Development of special ceramic resistors	11 000 00	December 1, 1955
Pressure Vessel Research Committee of the Welding Research Council	Behavior of steel plate subjected to repeated loads causing biaxial stress	2 000 00	October 1, 1955
State of Illinois Department of Public Welfare	Studies on tissue culture of neurons	50 000 00	October 8, 1955
United States Air Force AF 18(600)-579	Effect of environmental factors on the metabolism of plasma proteins	16 312 00	October 31, 1955
United States Air Force AF 33(608)-47 (two agreements)	Academic instruction of military personnel	3 391 00 ¹	October, 1955
United States Navy Nonr-1459 (01)	Improve and develop a method of pulpotomy which would be effective in preserving permanent teeth	11 537 00	August 1, 1955
United States Navy Nonr-1459 (02)	Thermal injury of the skin	66 436 00	September 1, 1955

Adjustment Made in 1953-54 Cost-Plus Contract
(Adjustment in project authorized prior to July 1, 1955)

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Consulting Engineering Service	Plans covering electrical work for Altgeld Hall improvements	\$ 500 00	November 14, 1955

Adjustment Made in 1955-56 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Forty-two items: \$61.46 deduct to \$800.00	\$4 063 05	November, 1955

This report was received for record.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

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

<i>Name</i>	<i>Address</i>	<i>State From Which They Obtained Certificates</i>
RICHARD THOMAS BAKER	Kirkwood, Missouri	Ohio
JOHN ANDREW CRAFTS	Darien, Connecticut	Michigan
HENRY HALLAS GAWTHORP	Chicago	Iowa
NEWMAN THORBUS HALVORSON	Gates Mills, Ohio	Michigan
FIRMAN HENRY HASS	Detroit, Michigan	Wisconsin
JOHN MILTON JONES	Williamsville	Missouri
JOHN WILLIAM JUDKINS	Cicero	District of Columbia
W. HAROLD MARTIN	Kent, Ohio	Indiana
ROBERT DALE MOSER	Phoenix, Arizona	California
KENNETH NATHENSON	Chicago	District of Columbia
THEODORE HERBERT OPPENHEIM	Highland Park	Michigan

I concur.

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

¹ Deduct.

ASSIGNMENT OF FUNDS BY THE ATHLETIC ASSOCIATION

(16) The Board of Directors of the Athletic Association has approved an appropriation of \$3,000 for miscellaneous services by the Alumni Association for the year ended June 30, 1955. This appropriation is submitted for confirmation.

On motion of Mr. Nickell, this action was confirmed.

REPORT OF FINANCE COMMITTEE ON SALE OF HALLIBURTON OIL WELL CEMENTING COMPANY COMMON STOCK

The Gulf Research and Development Company of Pittsburgh, Pennsylvania, recently offered to sponsor a graduate fellowship in the Department of Physics. This offer was accepted by the University. When the remittance was received from the sponsoring corporation, it was in the form of forty-three shares of Halliburton Oil Well Cementing Company Common Stock, rather than in cash, as had been expected. Since these funds are needed to make the payments required under the fellowship, it is recommended that this stock be sold and the proceeds used for the purpose of the fellowship.

Mr. Livingston reported that the Finance Committee of the Board of Trustees approves this sale and recommends the adoption of the following resolution:

WHEREAS, the Board of Trustees of the University of Illinois is the owner of forty-three shares of Halliburton Oil Well Cementing Company Common Stock, and

WHEREAS, it is the decision of such Board that this stock be sold,

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

This resolution was adopted.

SECRETARY'S REPORTS

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

APPOINTMENTS MADE BY THE PRESIDENT

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

ABRAMSON, DAVID I., Professor of Physical Medicine and Rehabilitation and Head of the Department, and Professor of Medicine (Medicine), 8/10 time, indefinite tenure beginning September 1, 1955, \$11,800 a year, supersedes (11-17-55).

BRAUN, MARJORIE E., Research Assistant in Anatomy (Medicine), five months from November 1, 1955, \$305 a month, supersedes (11-29-55).

CHEN, RUBY K. Y., Microanalyst in the Department of Chemistry and Chemical Engineering, February 9-August 31, 1956, \$3660 a year (12-1-55).

DETWELLER, JOHN A., Clinical Assistant in Medicine (Medicine), ten months from November 1, 1955, without salary (11-28-55).

FOXALL, JESSIE C., Research Assistant in Preventive Medicine (Medicine), eleven months from October 1, 1955, \$3900 a year (11-22-55).

FRYE, THEODORE J., Assistant in Anesthesiology, Department of Surgery (Medicine), eight months from November 1, 1955, without salary (11-28-55).

GINZEL, ROLAND F., Instructor in Art (Chicago Undergraduate Division), academic year beginning September 1, 1955, full time for first semester, \$2400; ½ time for second semester, \$800, supersedes (11-29-55).

GREENSPAN, IRVING, Clinical Assistant in Medicine (Medicine), ten months from November 1, 1955, without salary (12-5-55).

HARRIS, ALVIN J., Research Assistant in Physical Medicine and Rehabilitation (Medicine), six months from January 1, 1956, \$305 a month (11-22-55).

- HASEGAWA, MAE H., Research Assistant in Medicine (Medicine), November 16, 1955-August 31, 1956, \$3660 a year (12-6-55).
- HORWITZ, OLGA, Instructor in Clinical Dentistry (Dentistry), 1/10 time, four months from September 1, 1955, \$100 a month (11-22-55).
- KERANEN, GEORGE M., Research Assistant in Pharmacology (Medicine), six months from January 1, 1956, \$312.50 a month (12-5-55).
- KERRIHARD, GEORGE N., Clinical Assistant in Medicine (Medicine), ten months from November 1, 1955, without salary (11-28-55).
- KNOBLOCK, DOLORES E., Clinical Instructor in Pediatrics (Medicine), 32/100 time, eleven months from October 1, 1955, \$1680 a year (11-22-55).
- KOFMAN, SYDNEY, Physician in the Health Service (Chicago Professional Colleges), 2/10 time, one year from September 1, 1955, \$1800; this is in addition to his non-salaried appointment (11-22-55).
- KOHOUT, NEVEA D., Instructor in Pathology (Medicine), nine months from December 1, 1955, \$7000 a year (11-28-55).
- KORF, STANLEY R., Instructor in Pedodontics (Dentistry), 2/10 time, ten months from November 1, 1955, \$1100 a year (11-28-55).
- KORN, ROY J., Clinical Assistant Professor of Medicine (Medicine), one year from September 1, 1955, without salary, supersedes (11-29-55).
- KOSTELNY, JOHN R., Clinical Assistant in Obstetrics and Gynecology (Medicine), November 15, 1955-August 31, 1956, without salary (11-22-55).
- LAROC, HERBERT A., Instructor in Civil Engineering (Chicago Undergraduate Division), 3/4 time, six months from September 1, 1955, \$1800 (11-17-55).
- MUEHLING, ARTHUR J., Research Associate in Agricultural Engineering (S), seven months from February 1, 1956, \$5400 a year (11-17-55).
- MYERS, CLIFFORD E., Research Associate in Chemical Engineering (S), seven months from December 1, 1955, \$5600 a year (12-5-55).
- NEAL, RICHARD H., Clinical Assistant in Medicine (Medicine), nine months from December 1, 1955, without salary (11-29-55).
- PARKER, MRS. EUNICE C., Research Associate in the President's Office, 1/2 time, eight months from January 1, 1956, \$3500 a year (11-28-55).
- PROSKOW, STEPHEN, Research Associate in Chemistry (Graduate College), one year from November 1, 1955, \$4400 (11-17-55).
- REMENCHUK, ALEXANDER P., Instructor in Medicine (Medicine), 8/10 time, nine months from December 1, 1955, \$4824 a year, supersedes (11-29-55).
- RETZLAFF, ERNEST W., Research Associate in Psychiatry (Medicine), one year from September 1, 1955, \$6500, supersedes (11-22-55).
- ROSENBERG, ALLEN, Instructor in Full and Removable Partial Dentures (Dentistry), 6/10 time, November 21, 1955-August 31, 1956, \$275 a month (11-28-55).
- SCHOENBERGER, JAMES A., Clinical Assistant Professor of Medicine (Medicine), 1/4 time, nine months from December 1, 1955, \$1824 a year, supersedes (11-29-55).
- SEWELL, MRS. LILO B., Assistant in Occupational Therapy (Medicine), November 14, 1955-August 31, 1956, \$333.33 a month (11-29-55).
- SIMER, PARKE H., Professor of Anatomy (Medicine), indefinite tenure beginning January 1, 1956, to render service during each academic year, \$10,400 a year, supersedes (11-17-55).
- SMITH, CLIFFORD W., Clinical Assistant in Medicine (Medicine), ten months from November 1, 1955, without salary (11-28-55).
- STONE, HARRY B., Clinical Assistant in Medicine (Medicine), ten months from November 1, 1955, without salary (11-22-55).
- STONE, ROBERT G., Clinical Assistant in Obstetrics and Gynecology (Medicine), November 15, 1955-August 31, 1956, without salary (11-22-55).
- STORM, WILLIAM J., Instructor in Mechanical Engineering (Chicago Undergraduate Division), 3/4 time, six months from September 1, 1955, \$1000 (11-17-55).
- SULLIVAN, DAVID J., Instructor in Veterinary Pathology and Hygiene, College of Veterinary Medicine, November 16, 1955-August 31, 1956, \$5650 a year, supersedes (11-28-55).
- THOMAS, RICHARD M., Instructor in Veterinary Pathology and Hygiene, College of Veterinary Medicine, November 16, 1955-August 31, 1956, without salary, supersedes (11-28-55).
- VICK, MARY B., Serials Assistant in the Library, seven months from February 1, 1956, \$3900 a year, supersedes (12-6-55).

- WALGENBACH, PAUL H., Instructor in Accountancy, $\frac{1}{2}$ time, six months from March 1, 1956, \$166.67 a month, supersedes (11-17-55).
 WALLER, CHARLES, Assistant in Anesthesiology, Department of Surgery (Medicine), nine months from November 1, 1955, without salary (12-1-55).
 WILCOX, KENNETH M., Clinical Assistant in Medicine (Medicine), ten months from November 1, 1955, without salary (11-28-55).
 WOZNIAK, RAYMOND E., Lecturer in Electrical Engineering (Chicago Undergraduate Division), $\frac{1}{2}$ time, six months from September 1, 1955, \$360 (11-18-55).
 YAEGER, JAMES A., Instructor in the Admitting Clinic (Dentistry), nine months from December 1, 1955, \$6000 a year (12-5-55).

GRADUATE FELLOWS

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

- BILLINGSLEY, ALLIE W., Fellow in Spanish, nine months from September 16, 1955, \$1000, supersedes (11-22-55).
 DAVENPORT, MANUEL M., Fellow in Philosophy, nine months from September 16, 1955, \$1000, supersedes (11-22-55).
 EL-SABBAGH, HASSAN H., Fellow in Electrical Engineering, nine months from September 16, 1955, \$1000, supersedes (11-22-55).
 FARNSWORTH, DAVID N., Fellow in Political Science, nine months from September 16, 1955, \$1000, supersedes (11-22-55).
 MAYER, FREDERICK C., Fellow in Chemistry, nine months from September 16, 1955, \$1000, supersedes (11-22-55).
 NARAYAN, KRISHNAMURTHI A., Fellow in Food Technology, nine months from September 16, 1955, \$1000, supersedes (11-22-55).
 NISHIDA, TOSHIRO, Wright Fellow in Food Technology, nine months from September 16, 1955, \$1000, supersedes (11-22-55).
 POTTER, GEORGE B., Fellow in Psychology, nine months from September 16, 1956, without stipend (11-16-55).
 QURESHI, AHMAD H., Fellow in English, nine months from September 16, 1955, \$1000, supersedes (11-22-55).
 SPRIGGS, RICHARD M., Armco Steel Corporation Fellow in Ceramic Engineering, February 1-June 15, 1956, and September 16, 1956-January 31, 1957, \$1500 (11-22-55).
 WOS, LAWRENCE, Fellow in Mathematics, nine months from September 16, 1955, \$1000, supersedes (11-22-55).

RESIGNATIONS AND CANCELLATIONS

- ANGRIST, MRS. SHIRLEY S., Research Assistant in Psychology (Graduate College) — resignation effective 12-15-55.
 BOAND, ARTHUR V., JR., Research Associate in Medicine (Medicine) — resignation effective 12-1-55.
 FREUND, GERHARD, Assistant in Medicine (Medicine) — resignation effective 11-1-55.
 GODDEN, WILLIAM G., Research Associate in Civil Engineering (S) — resignation effective 11-16-55.
 GRIBANOVSKY, MRS. VIOLA, Assistant Editor, with the rank of Instructor, in the Agricultural Experiment Station — resignation effective 11-15-55.
 HAVENS, PHYLLIS A., Research Assistant in Public Health (Medicine) — resignation effective 9-1-55.
 IRELAND, FRANK L., Instructor in Full and Removable Partial Dentures (Dentistry) — resignation effective 11-1-55.
 JENSEN, MARY-JANE, Clinical Assistant Professor of Psychiatry (Medicine) — resignation effective 11-1-55.
 KVITEK, GEORGE L., Research Associate in the Control Systems Laboratory — resignation effective 11-1-55.
 OOMURA, YUTAKA, Research Associate in Psychiatry (Medicine) — resignation effective 12-1-55.
 PATLOGAN, MRS. SYLVIA, Instructor in Foreign Languages (Chicago Undergraduate Division) — resignation effective 3-1-56.
 SPAK, MRS. SUZANNE R., Assistant in Physical Education for Women (Chicago Undergraduate Division) — resignation effective 2-1-56.
 TARKOY, NICHOLAS, Research Associate in Chemistry (Graduate College) — cancellation effective 9-1-55.

LEAVES OF ABSENCE

GOULDNER, ALVIN W., Associate Professor of Sociology — leave of absence without pay for second semester of the academic year for 1955-56, six months from March 1, 1956, in order that he may accept an invitation to teach at Harvard University during the spring semester.

MANNER, GEORGE, Assistant Professor of Political Science — sick leave at full pay beginning November 2, 1955, for the equivalent of one-half of the appointment year or as much of that period as may be necessary.

SHANNON, FRED A., Professor of History — leave of absence with full pay on account of disability, from November 1, 1955, equivalent to one-half of the appointment year or as much of that period as may be necessary.

JANUARY MEETING

By unanimous consent, the next regular meeting of the Board was scheduled for Saturday, January 28, 1956, to be held in Urbana, Illinois, at an hour and place to be designated by the President and Secretary of the Board.

ANNUAL MEETING

Mr. Bissell moved that the Board change the date of the next (1956) annual meeting from Tuesday, March 13, 1956, to Friday, March 23, 1956.

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

RECESS

At this point the Board recessed to be guests of the officers of the First National Bank of Chicago at luncheon.

Brief addresses of welcome were given by Mr. Homer J. Livingston, President, and Mr. Edward Eagle Brown, Chairman of the Board of the First National Bank of Chicago. Presidents Megran and Henry responded on behalf of the University officials.

Following the luncheon recess, on motion of Mrs. Watkins, the Board recorded its appreciation of the hospitality of Mr. C. W. Weldon, Treasurer of the University, and of the other officers of the First National Bank of Chicago.

On motion of Mr. Livingston, the Board adjourned.

A. J. JANATA
Secretary

H. B. MEGRAN
President

CONSULTATION SESSION

Following adjournment of the Board, the Trustees met as a Committee of the Whole at the request of the President of the University for consultation on matters of the University and public policy which do not call for official action at this time.

MEETING OF THE EXECUTIVE COMMITTEE

On call of the Chairman, a meeting of the Executive Committee was held in the Directors' Room of the First National Bank of Chicago, Chicago, Illinois, on Tuesday, December 20, 1955, beginning at 2:30 p.m.

The following members of the Committee were present: Mr. Herbert B. Megran, Chairman, Mr. Park Livingston, Mrs. Frances B. Watkins.

Also present were President David D. Henry, Provost Henning Larsen, Mr. Ralph F. Lesemann, Legal Counsel; and Messrs. H. O. Farber, Comptroller, C. W. Weldon, Treasurer, and A. J. Janata, Secretary of the Board.

MARY L. BENTLEY SUIT

The Legal Counsel informed the Executive Committee that Mrs. Mary L. Bentley and her husband Lemuel E. Bentley, who have instituted a suit for an injunction and for damages against Dr. Donald J. Caseley, Medical Director of the Research and Educational Hospitals, and Mr. Paul A. Hartley, Associate Director of Non-academic Personnel for the Chicago Professional Colleges, are now seeking to amend their suit to include Mr. Donald E. Dickason as Director of the University Civil Service System of Illinois, the System itself, and the Merit Board. They have also instituted a suit for damages against Dr. Joseph B. Teton, Clinical Assistant Professor of Obstetrics and Gynecology, in the College of Medicine, and Gynecological Consultant in the Health Service at the Chicago Professional Colleges. If Dr. Teton requests the University supply him with services of counsel, he is entitled to the same. The Committee has previously authorized the employment of Mr. Albert E. Jenner, Jr. of Chicago to assist in defending Dr. Caseley and Mr. Hartley.

President Henry requested that the Committee extend this authorization to include defending Dr. Teton.

On motion of Mr. Livingston, this authority was granted.

The Committee adjourned.

A. J. JANATA
Clerk

H. B. MEGRAN
Chairman