

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

May 16, 1959



The May meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Saturday, May 16, 1959, beginning at 10:30 a.m., central daylight saving time.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Wirt Herrick, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Governor William G. Stratton was absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant Department, Professor Norman A. Parker, Chairman of the Building Program Committee, Mr. Ralph F. Lese-mann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information, Mr. Joseph S. Begando, Assistant to the President, Mr. William H. Rice and Mr. George H. Bargh, Administrative Assistants in the President's Office, Professor George C. McVittie, Head of the Department of Astronomy; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

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

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, 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>
DAVID RUDD ARNOLD	Hinsdale	New York
VICTOR HAROLD CONRAD	Chicago	District of Columbia
ROBERT CHARLES FIETSAM	Belleville	Missouri
WILLIAM JOSEPH HOULIHAN	Glen Ellyn	District of Columbia
HAROLD LEE PFRANG	Villa Park	Indiana
DONALD BERTRAM PODELL	Chicago	District of Columbia
ERNEST JOSEPH RUA, JR.	Elmhurst	Ohio
RONALD IRA RUBY	Fair Lawn, New Jersey	New Jersey
RUSSELL VINCENT WISE	Evanston	District of Columbia

I concur.

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

APPOINTMENT OF AUDITORS

(2) The firm of Ernst and Ernst, Certified Public Accountants, was retained by the Board of Trustees for the audit of the University's accounts for the fiscal year ended June 30, 1958, with the understanding that the firm would be employed for three years subject to annual review.

The services of Ernst and Ernst have been very satisfactory. The firm proposes to complete the audit for the year ending June 30, 1959, at the prevailing hourly rates for college and university audits, plus cash expenses, plus expenses for travel and subsistence of the staff assigned to the audit, with the understanding that the aggregate charges will not exceed the following amounts which are the same maximums used for the audit of the fiscal year which ended June 30, 1958.

University of Illinois (all divisions).....	\$18 700
University of Illinois Foundation (including its retirement system).....	1 200
University of Illinois Athletic Association (including its retirement system).....	1 000
Alumni Association (including its retirement system).....	500
University Retirement System of Illinois.....	2 000

Under the present state law the Auditor-General of Illinois is responsible for auditing, or causing to be audited, the records of the University. The Auditor-General, Mr. Frank H. Whitney, has followed the practice of earlier years in which the Auditor-General is consulted concerning the employment of the auditing firm, and the firm employed by the University submits copies of its reports directly to him, as well as to the Board of Trustees. Any additional work which the Auditor-General may require is at the expense of his office. The firm of Ernst and Ernst is acceptable to Mr. Whitney.

Authorization of the Board for the employment of Ernst and Ernst for the audit of University accounts for the fiscal year ending June 30, 1959, is requested.

On motion of Mr. Swain, authorization was given as requested.

APPOINTMENTS TO THE FACULTY

(3) 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. RALPH C. BARNHART, Professor of Law, second semester, 1959-60, at a salary of \$8,000 (G).
2. GEORGE B. FRASER, Professor of Law, first semester, 1959-60, at a salary of \$7,000 (G).
3. KARL E. GARDNER, Professor of Nutrition in the Department of Dairy Science, on indefinite tenure, and Associate Dean of the College of Agriculture, beginning August 1, 1959, continuing through August 31, 1961, at an annual salary of \$14,000 on "Y" basis.
4. R. L. LANGENHEIM, JR., Assistant Professor of Geology, beginning September 1, 1959, at an annual salary of \$7,000 (B).
5. LUIS LEAL, Associate Professor of Spanish, beginning September 1, 1959, at an annual salary of \$8,000 (A).
6. PANCHANAN MAHESHWARI, Visiting Professor of Botany, for three months from May 1, 1959, at a salary of \$2,500 (G).
7. THEODORE MANOLAKES, Assistant Professor of Education, beginning September 1, 1959, at an annual salary of \$7,000 (D).
8. MURRAY B. MCPHERSON, Professor of Hydraulic Engineering, in the Department of Civil Engineering, beginning September 1, 1959, at an annual salary of \$10,000 (A).
9. GEORGE E. MILLER, Director of Research in Medical Education, and Associate Professor of Medicine, in the College of Medicine, beginning September 1, 1959, at an annual salary of \$18,000 (BY, AY).
10. DAVID L. NANNY, Professor of Zoology, for three months from April 1, 1959, at a salary of \$4,000 (G).
11. DAVID PINES, Professor of Physics and of Electrical Engineering, for the period April 10-May 9, 1959 (G); and beginning September 1, 1959, on indefinite tenure, at an annual salary of \$13,500 (A).
12. PIERRE SAMUEL, Visiting Professor of Mathematics, beginning September 1, 1959, at an annual salary of \$14,500 (D).
13. HELEN C. SHARP, Medical Adviser, Assistant Professor of Hygiene, and Special Duty Physician, in the Health Service, Urbana, beginning June 1, 1959, at an annual salary of \$11,067 (BY, DY).

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

APPOINTMENTS TO CENTER FOR ADVANCED STUDY

(4) The Dean of the Graduate College recommends the following initial appointments to membership in the Center for Advanced Study in the Graduate College for a period of five years from September 1, 1959.

JOHN BARDEEN, Professor of Electrical Engineering and of Physics

JOSEPH L. DOOB, Professor of Mathematics

REYNOLD C. FUSON, Professor of Organic Chemistry (four years from September 1, 1959)

JULIAN H. STEWARD, Research Professor of Anthropology

The Board of Trustees authorized the establishment of the Center for Advanced Study on February 19, 1959.

I concur.

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

AWARDS OF HONORARY DEGREES

(5) The Urbana Senate has recommended the awards of honorary degrees as follows to be conferred at the Commencement Exercises in June, 1959, or at any other appropriate University convocation:

DR. THOMAS WHITFIELD BALDWIN, Doctor of Literature (Litt.D.)

DR. ERNEST HENRY VOLWILER, Doctor of Science (D.Sc.)

DR. WENDELL MEREDITH STANLEY, Doctor of Science (D.Sc.)

DR. JOHN IRA PARCEL, Doctor of Engineering (D.Eng.)

DR. ARTHUR SHERWOOD FLEMMING, Doctor of Laws (LL.D.)

I recommend approval. Dr. Volwiler's degree will be conferred on June 12 at the Commencement Exercises for the Chicago Professional Colleges at which he will give the address. The other degrees will be conferred at the Commence-

ment Exercises at Urbana on June 13, at which Dr. Flemming will be the speaker.

On motion of Mr. Swain, these degrees were authorized.

GRADUATE PROGRAM IN LAW

(6) The Urbana Senate recommends authorization of a new program in the Graduate College leading to the degree of Master of Comparative Law (M.C.L.) designed especially for the graduate students whose first degree in law was earned in a country whose legal system is based upon the civil law. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in this question.

Admission Requirements

The applicant must have received the first professional degree in law or its equivalent under the system of law in which he is trained.

The applicant must present evidence of ability to do satisfactory work at the graduate level.

The applicant must present evidence of sufficient facility in the written and spoken use of the English language to benefit from study at Illinois.

Degree Requirements

One academic year in residence at the College of Law.

Satisfactory completion of a course program approved by the Graduate Committee of the College of Law, consisting of eight units of work including at least two units of research.

A satisfactory thesis.

I concur.

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

NEW DEPARTMENTS IN COLLEGE OF LIBERAL ARTS AND SCIENCES

(7) The faculty of the College of Liberal Arts and Sciences and the Urbana Senate recommend establishment of two new departments in the College:

Department of Anthropology

At present the educational research program in anthropology is administered by the Department of Sociology and Anthropology. A separation of anthropology is recommended to give this discipline the status it enjoys at virtually every other major university. Recently a doctoral program in anthropology has been approved, and expansion of the present staff of four full-time faculty members has been authorized. A separate department will facilitate the recruitment of anthropologists of high quality for the faculty and will stimulate the interest of prospective graduate students for study in this field.

Department of Russian

When instruction in Russian was first offered, its administration was assigned to the Department of French as a matter of expediency. Enrollment in Russian courses has increased greatly in recent years, and there are four full-time faculty members in this field with two new positions provided for in the biennial budget for 1959-61. Establishment of a separate department in Russian will encourage development of graduate study and development of a research area program.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in this question.

I concur in the above recommendation.

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

DESIGNATION OF UNDERGRADUATE DEGREE IN JOURNALISM AND COMMUNICATIONS

(8) The Urbana Senate recommends that the wording of the undergraduate degree offered by the College of Journalism and Communications be changed from Bachelor of Science in Journalism to Bachelor of Science in Communications. Since the College offers curricula in advertising and radio-television, as well as in journalism, the present designation of the degree is not appropriate.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in this question.

I concur in this recommendation.

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

CHANGES IN THE COLLEGE OF NURSING CURRICULUM

(9) The Urbana Senate recommends adoption of the following changes in the course requirements of the baccalaureate degree in nursing:

1. Substitute Sociology 131, Social Problems, for Sociology 220, Marriage and the Family.
2. Substitute Psychology 326, Motivation and Emotion (5 hours), for Psychology 338, Abnormal Psychology (5 hours).
3. Reduce the number of hours in Nursing 211 and 208, Introduction to Medical Surgical Nursing, by one quarter hour each; and add two quarter hours in pharmacology.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in this question.

I concur.

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

APPROPRIATION BY ATHLETIC ASSOCIATION

(10) The Executive Committee of the Board of Directors of the Athletic Association has approved an assignment of \$3,000 from its unassigned surplus funds to purchase a used heavy duty trench hog, needed for laying replacement pipe on the golf course fairways. Confirmation of this is requested.

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

APPROPRIATION TO THE DEPARTMENT OF ASTRONOMY

(11) The Department of Astronomy has requested that the appropriation of \$11,000 made to it for the construction of a building on the radio telescope site be assigned to the construction of a road and power lines to the site. It was anticipated that funds would be made available by the Office of Naval Research for the construction of one-half mile of road from a county road to the site of the radio telescope and for the construction of some power lines. It has now developed that federal funds for these purposes will not be available. The building is still needed, but its construction will have to be deferred because the road and power lines have first priority and funds are not available at this time for both.

I concur.

On motion of Mr. Clement, this reassignment of funds was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

FINANCING OF ASSEMBLY HALL

(12) At its meeting on April 14, the Board of Trustees authorized negotiation of a contract for the construction of the Assembly Hall, subject to financing of the same. A part of the financing problem was arranging a loan which would carry approximately a 2½ per cent interest rate during the period of construction, so that the total project cost would not exceed \$7,750,000.

The firm of White, Weld and Company, Chicago, one of the most active firms in University financing, has developed a negotiated financing plan to accomplish the University's objective. This firm proposes to act as agent for the University in placing the bonds at a 2½ per cent rate during the construction period and a 4¾ per cent rate thereafter. The bonds would be a single maturity, due in 1984, with provision for required annual redemptions from the sinking fund. The effect is the same as a serial maturity issue, but setting it up on a sinking fund basis is an advantage to the insurance companies which will be purchasing the issue. Provision will also be made for refunding the issue after

1971, if this proves to be advantageous to the University. The paying agent for the issue designated is the Sears Bank and Trust Company, Chicago. Further details will be set forth in the formal resolution to be adopted later by the Board of Trustees.

The effective interest cost to the University, if the bonds are paid according to the normal schedule of maturities, will be 4.32 per cent. If refunded in 1971, the effective interest cost will be 4.47 per cent. This represents a reasonable interest charge in the current bond market.

White, Weld and Company has offered to handle the transaction at a cost of \$2.00 a bond, or \$15,500 for the entire issue.

The Finance Committee recommends acceptance of this offer and that the firm of Chapman and Cutler, Chicago, be retained as counsel for the bond issue.

The Finance Committee has been informed that the Legal Counsel is of the opinion that the sale of the bonds on a negotiated basis does not contravene the provisions of Section 11(b) or Section 15(d) of the General Rules Concerning University Organization and Procedure, but, to the extent, if any, that such sale of said bonds may conceivably constitute a departure from the policy contemplated by, or the provisions of, said sections, or either of them, he recommends that the Board authorize and ratify such departure from said policy and provisions in this instance.

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CONTRACT FOR CONSTRUCTION OF ASSEMBLY HALL

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$6,457,292 to the Felmley-Dickerson Company, Urbana, the lowest bidder, for the construction of the Assembly Hall.

The original low bid on this project was \$7,859,788. As a result of extended review and studies of the design and specifications by the architects, the Physical Plant Department, and representatives of the contractor, changes have been made which will reduce the low bid by \$1,402,496, without impairing the design, reducing the seating capacity, or eliminating any of the functions for which the building is to be constructed. These studies were reported to the Committee on Buildings and Grounds on April 13, and the Committee recommended that, subject to availability of funds, the University proceed with the project. Financing now having been assured, it is recommended that formal action be taken to award this contract in accordance with the previous recommendation of the Committee on Buildings and Grounds. Submitted herewith is a report from the Physical Plant Department on the bidding on this project, including a schedule of bids received and the project budget based upon the reduced building construction contract, and a copy is being filed with the Secretary for record.

I concur.

On motion of Mr. Pogue, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, Mr. Herrick; absent, Mr. Stratton.

CONTRACT FOR CONSTRUCTION OF ADDITION TO SERVICE BUILDING ANNEX

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$7,550 to Harris Company, Urbana, the lowest bidder, for the construction of an addition to the Physical Plant Department's Service Building Annex.

I recommend award of the contract and assignment of the funds for this purpose from the Physical Plant Stores account.

On motion of Mr. Johnston, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr.

Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR HYDROGEN LIQUEFIER BUILDING
FOR PHYSICS RESEARCH LABORATORY**

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$41,300 to Rigid Frame Structures, Inc., Champaign, for the construction of a metal building for housing hydrogen liquefying equipment and storage of liquid hydrogen to be built in the area south of the Physics Research Laboratory.

Funds are available in assignments made to the Department of Physics from indirect costs recovered from research contracts, and from other sources.

I concur.

On motion of Mr. Clement, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR REROOFING OF TEMPORARY HOUSING
IN STADIUM TERRACE**

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$14,593 to Hitchens Roofing Company, Urbana, the lowest bidder, for reroofing of the temporary housing buildings in Stadium Terrace.

Funds are available in Housing Division reserves for maintenance of temporary housing units.

I concur.

On motion of Mr. Swain, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CONTRACT FOR REROOFING OF NATURAL HISTORY BUILDING

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$6,474 to Petry Roofing and Sheet Metal Company, Champaign, the lowest bidder, for reroofing of the Natural History Building.

Funds are available in the Physical Plant Department maintenance budget.

I concur.

On motion of Mr. Herrick, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR LANDSCAPING MEDICAL RESEARCH
LABORATORY AREA**

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$7,906.50 to Clauss Brothers, Inc., Chicago, the lowest bidder, for landscaping the Medical Research Laboratory area at the Chicago Professional Colleges.

The work will consist of furnishing top soil, planting trees and shrubs, and seeding.

Funds are available in the state appropriation for construction of the Medical Research Laboratory.

I concur.

On motion of Mrs. Watkins, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR COAL HANDLING AND TRANSPORTATION
EQUIPMENT FOR ABBOTT POWER PLANT**

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$21,641.92 to McElroy-Roland Machinery Company, 719 East Jefferson Street, Springfield, for a coal handling and transportation unit for the Abbott Power Plant. This is mobile, tractor-bulldozer equipment for use in handling coal for stock-piling at the power plant.

Funds are available in the state capital appropriations to the University for the current biennium 1957-59.

I concur.

On motion of Mr. Harewood, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CONTRACTS FOR COAL PURCHASES FOR ABBOTT POWER PLANT

(20) The Director of Purchases, the Vice-President and Comptroller, and the Director of the Physical Plant recommend award of the following contracts for 158,000 tons of coal screenings to be delivered to the Abbott Power Plant during the period July 1, 1959, through June 30, 1961:

	<i>Location of Mine</i>	<i>F.o.b. Mine</i>
The United Electric Coal Companies, Chicago		
24,000 tons @ \$4.65.....	Danville	\$111 600 00
Republic Coal and Coke Company, Chicago		
109,000 tons @ \$4.91.....	Hillery	535 190 00
Bell and Zoller Coal Company, Chicago		
25,000 tons @ \$5.01.....	Murdock	125 250 00
Freight rate on 158,000 tons @ \$1.43.....		225 940 00
<i>Total Cost</i>		<u>\$997 980 00</u>

Sealed bids on uniform specifications were opened on April 24, 1959. Invitations to bid were sent to twenty-three producers, and sales agencies were solicited by newspaper advertisements.

The bids are evaluated in the terms of the number of British Thermal Units purchased for one cent based on guaranteed analysis. A continuous check is maintained to insure compliance with specifications.

It is advantageous to have contracts with three sources of supply to be assured of delivery of coal at all times. The bid from the United Electric Coal Companies is for the year 1959-60 only. If this mine is in operation on July 1, 1960, the University of Illinois will have the option of purchasing an additional 24,000 tons at the quoted price. Should this option be exercised, tonnage purchased from the Republic Coal and Coke Company would be correspondingly reduced.

The prices quoted are based on present wage scales and are subject to increase or decrease in event that wage contracts now in effect are changed. Any such change will affect the price to the extent that production costs are increased or decreased by new contracts. The University may cancel the balance of the purchase contract if it believes that any price adjustment is not justified.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute contracts as recommended, subject to the approval by the Governor as required by the state constitution.

On motion of Mr. Johnston, these contracts were authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

ADDITION TO CONTRACT FOR KRANNERT ART MUSEUM

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$6,789.70 in the contract with Kuhne-Simmons Company, Inc., for changes in the lighting of the Krannert Art Museum, to provide

improved illumination in areas to be used for display of paintings and minor changes in other electrical work.

I concur.

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

ADDITION TO CONTRACT FOR MARRIED STUDENT APARTMENTS

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$2,829.00 in the contract with Shapland Homes, Inc., to provide additional sidewalks, and of \$6,979.21 to provide bathroom exhaust fans and roof caps for exhaust fans.

The University Architect and the Housing Division have studied the original sidewalk layout proposed by the contractor and have developed a new arrangement which will provide better traffic circulation and access for the 120 families using the project. The bathroom exhaust fans are recommended by the Federal Housing Authority as a matter of public health.

I concur.

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

ZERBEE SCHOLARSHIP IN CIVIL ENGINEERING AND MILITARY SCIENCE

(23) The will of the late Leigh F. J. Zerbee of Paris, Maine, an alumnus of the University of Illinois, Class of 1911, who died June 6, 1952, set up a trust with the Farmers Bank of Delaware, Wilmington, Delaware, with securities valued at approximately \$40,000, with the provision that the income of the trust was to be paid to Roland Andrew Zerbee, a brother, for the term of his life. Upon his death the income is to be paid by the trustee to the University of Illinois for the purpose of establishing the Zerbee Scholarship for needy students in civil engineering who are also specializing in military science. The scholarship is to be awarded under rules and regulations established by the University and is to be awarded to one student every four years unless the fund becomes large enough to provide for more than one scholarship.

Roland Andrew Zerbee, the first beneficiary of this trust, died on December 4, 1958, and the University is now receiving the income. The scholarship thus established by the late Leigh F. J. Zerbee is now in effect and will be administered according to the provisions of his will.

On motion of Mr. Harewood, this bequest was accepted.

COMPTROLLER'S REPORT OF CONTRACTS

(24) The Comptroller's report of contracts executed during the period April 1 to 30, 1959.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Village of Oak Park, Illinois	Position of the recreation system in the organizational structure of the village	\$ 350 00	March 24, 1959
United States Air Force AF 49(638)-594	Meson photoproduction and meson interactions using a liquid	68 423 00	February 13, 1959
United States Navy N600(22)49330	Books, nonexpendable supplies, and equipment	1 820 00	April 1, 1959

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Helix Corp.	One CCA600 cross conveyor attach- ment One IFRS-PTO hookup assembly One CB55 third beater attachment One TRA 450-400 series transmission	\$ 113 42 annually	March 19, 1959

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF 19(604)-3481	Electromagnetic wave interaction techniques	\$59 190 00	January 31, 1959

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF 29(601)-1185	Confidential	\$ 45 581 00	March 26, 1959
United States Air Force AF 33(616)-5658	Effects of inelastic straining on various classes of metals	5 938 00	March 4, 1959
United States Army DA-49-007-MD-544	Nutritive value of major nutrients of irradiated food	15 000 00	March 27, 1959
United States Army DA-49-007-MD-728	Effects of irradiated foods included in a ration fed to dogs	23 611 00	April 13, 1959
United States Atomic Energy Commission AT(11-1)67 Project No. 19	Isotopic exchange reactions in non-aqueous solutions	10 000 00	March 10, 1959
United States Atomic Energy Commission AT(11-1)-415	Unclassified research on electronic high-speed digital computers	335 000 00	March 27, 1959
United States Navy Nonr-1834(03)	Methods of analysis of structural and machine elements	40 000 00	March 16, 1959
United States Navy Nonr-1834(12)	Properties of insulating solids	26 134 00	February 16, 1959
United States Navy Nonr-1834(16)	Excitation energy in solutions	5 520 00	March 13, 1959
United States Navy Nonr-1834(19)	Properties of dielectric and semiconducting solids	43 600 00	March 16, 1959
Hiram Walker & Sons, Inc.	Nutritive value of fermentation products by means of chick assays	1 000 00	April 23, 1959

Adjustments Made in 1958-59 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Thirty items: \$34.43 deduct to \$1,500.00	\$ 4 498 62	March and April, 1959

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(25) The Comptroller presents his quarterly report to the Board as of March 31, 1959.

This report was received for record and a copy has been filed with the Secretary of the Board.

PURCHASES

Purchases Authorized

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

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One helium mass spectrometer leak test station, sensitivity 10-10 cc./sec., complete with remote central unit, vacuum system	Control Systems Laboratory	Veeco Vacuum Corp., New Hyde Park, Long Island, N.Y.	\$5 290 00 New Hyde Park, N.Y.
Two sample and hold circuits	Electrical Engineering	Applied Science Corp. of Princeton, Princeton, N.J.	15 890 00 f.o.b. Princeton, N.J.

On motion of Mr. Harewood, these purchases were approved.

Purchases Recommended

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

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Six Warburg apparatus, circular, nine-station, ambient to 50° centigrade, mercury regulator, controls, 115 volts, 60 cycle; less trade-in of six obsolete Warburg units	Bacteriology (new building)	American Instrument Co., Silver Spring, Md.	\$3 300 00 f.o.b. Silver Spring Md.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One 16 in. contour band saw complete with accessories	Biology Building	DoAll Rockford Co., Rockford	\$ 2 531 25 f.o.b. Savage, Minn.
One comparator, coordinate plate and film, for use with ultracentrifuge and electrophoresis film analysis, 15x magnification, reading to .002 mm.	Chemistry and Chemical Engineering	Gaertner Scientific Corp., Chicago	3 140 00 f.o.b. Chicago
One 18 in. x 22 in. darkroom camera and accessories	Control Systems Laboratory	Roberts & Porter, Inc., Chicago	3 074 26 f.o.b. destination
15,000 diodes	Digital Computer Laboratory	Transitron Electronic Corp., Oak Park	22 500 00 f.o.b. Melrose, Mass.
One turret milling machine with ram type overarm complete with motor and accessories	Electrical Engineering	Don G. Beck, Chicago	3 010 50 f.o.b. Bridgeport, Conn.
One offset duplicator with mechanical receiving jogger, chrome master cylinder and impression roller, Universal master clamp, work organizer and work clamp	Electrical Engineering	Maginn Office Equipment Co., Champaign	2 950 00 f.o.b. delivered
One NJE Corporation type HH-520-C high voltage d.c. power supply; output 0-20 kv., 0-250 ma.; input 208 VRMS, 60 cps., 3 ph.	Electrical Engineering	NJE Corp., c/o Ridgway Engineering, Inc., Chicago	3 430 00 f.o.b. Kenilworth, N.J.
One sculpture "Armored Figure," by Fred Farr	College of Fine and Applied Arts	Paul Rosenberg & Co., New York, N.Y.	2 500 00 f.o.b. delivered
Eight issues of <i>Library Trends</i> to be printed quarterly during the period July 1, 1959, through June 30, 1961	Library School	Pantagraph Printing & Stationery Co., Bloomington	14 133 84 f.o.b. Bloomington
200 uniforms for advanced Army R.O.T.C. students	Military	Pettibone Brothers Manufacturing Co., Cincinnati, Ohio	31 034 52 f.o.b. delivered
80 uniforms for advanced Air Force R.O.T.C. students			
Steel shop-type shelving and drawer units as follows: 140 lineal ft. — 85 in. high 12 lineal ft. — 39 in. high 12 drawer units, 3 ft. wide x 12 in. deep x 85 in. high, with 39 drawers	Physics (new building)	S. Buckman Furniture & Supply Co., Spring Valley	4 969 59 f.o.b. delivered
The following furniture for the new Physics Building Library: Group 1 — steel bookstacks (1,368 lineal ft. of shelf space) Group 2 — 14 library tables (wood) Group 3 — 84 library chairs (wood) Group 4 — miscellaneous items of library furniture including a charging desk	Library — Physics (new building)	Group 1 — C. S. Brown & Co., Wauwatosa, Wis. Groups 2 and 4 — Blackwell Wielandy Co., St. Louis, Mo. Group 3 — Milwaukee Chair Co., Milwaukee, Wis.	1 215 00 3 921 50 1 748 05 f.o.b. delivered and installed
One radial drill press 9 in. column, 3 ft. arm complete with all electrical equipment installed	Physics (new building)	E. L. Essley Machinery Co., Chicago	9 307 00 f.o.b. Cincinnati, Ohio
One built-in special fine feed boring attachment			
One Universal table			
One 15 in. x 30 in. centers, dual drive lathe complete with motor, controls, and accessories	Physics (new building)	R. K. LeBlond Machine Tool Co., Chicago	6 610 00 f.o.b. Cincinnati, Ohio
One sliding bed gap lathe 21/39 in. x 8 ft. 6 in., bed complete with motor, control, and accessories	Physics (new building)	R. K. LeBlond Machine Tool Co., Chicago	15 126 00 f.o.b. Cincinnati, Ohio
One turret milling machine with ram type overarm head complete with motor, controls, optical measuring unit, and other accessories	Physics (new building)	Don G. Beck, Chicago	2 981 00 f.o.b. Bridgeport, Conn.
Anesthetic gases to be used by the Department of Anesthesiology during the year beginning July 1, 1959, and ending June 30, 1960, subject to renewal for one year at the same prices by mutual agreement	Research and Educational Hospitals	Puritan Compressed Gas Corp., Chicago	7 964 05 delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Bulk oxygen supply and service as required in the various departments and wards of the Research and Educational Hospitals; service will be supplied throughout the wards and rooms through the built-in University-owned distribution system during the period July 1, 1959, through June 30, 1961	Research and Educational Hospitals	National Cylinder Gas Co., Chicago	\$20 782 00
Whole human blood to be supplied as required by the Research and Educational Hospitals	Research and Educational Hospitals	Interstate Blood Bank, Inc., Memphis, Tenn. Chicago Blood Donor Service, Chicago Michael Reese Research Foundation, Chicago Mt. Sinai Research Foundation, Chicago	12 000 00 12 000 00 6 000 00 6 000 00
432 cases (12 bottles each) vacuum type blood collection bottles	Research and Educational Hospitals	Abbott Laboratories, Franklin Park	3 369 60 f.o.b. delivered
Approximately 2,588 boxes and 94 rolls of Eastman, Ansco, and Du Pont X-ray film to be used during the year beginning July 1, 1959, with the option to renew at the same prices for one year from July 1, 1960, if mutually agreeable to the University and the vendor	Research and Educational Hospitals	John V. Doehren Co., Chicago	83 989 80 estimated total annual expenditure
140 X-ray cassettes and 140 pairs of intensifying screens; less trade-in allowance on used cassettes and screens	Research and Educational Hospitals	Geo. W. Brady & Co., Chicago	4 369 77 delivered
Patient room furniture consisting of ten hospital beds, ten safety sides, ten irrigation rods, ten bedside cabinets, and ten chairs	Research and Educational Hospitals	A. S. Aloe Co., Chicago	3 429 00 delivered
Diaper service to be furnished to the Research and Educational Hospitals for the period beginning July 1, 1959, through June 30, 1960; this service may be renewed for one year if agreeable to both parties	Research and Educational Hospitals	Infant Diaper Service, Chicago	7 920 00
Linen service consisting of uniforms, aprons, pants, coats, and towels supplied on a rental basis to the respective food service units for the two-year period beginning July 1, 1959, through June 30, 1961	Various Food Service Departments, Chicago Professional Colleges	Industrial Garment Service, Chicago	11 810 52 estimated total annual expenditure
Continuous cloth towel service of approximately 20,000 rolls as needed during the period July 1, 1959, through June 30, 1960, in various areas of the Chicago Professional Colleges and the Chicago Undergraduate Division; service agreement renewable for one year if agreeable to both parties	Various Departments, Chicago Divisions	American Linen Supply Co., Chicago	9 000 00
Laundry service for departments in Chicago for one year from July 1, 1959, to June 30, 1960	Various Departments, Chicago Professional Colleges	Great Western Laundry Co., Chicago	59 678 40 (estimated)
Laundry service for departments at Urbana for the period July 1, 1959, through June 30, 1961	Various Departments, Urbana	Midstate Linen Supply, Inc., Urbana Model Souders, Inc., and White Line Laundry, Inc., both of Champaign	92 442 96 13 384 80 (estimated costs)
Roller towel rental service, dispensing cabinets included, for the period July 1, 1959, through June 30, 1961	Various Departments, Urbana	Champaign Clean Towel Service, Champaign	30 250 00 (estimated)
55,000 (approximately) fifty-yard rolls			
Protective clothing rental service for two-year period from July 1, 1959, through June 30, 1961, for the Illini Union, Residence Halls, and Home Economics Cafeteria: 90,000 coats, military collar, white; 158,000 aprons, bib and waist types, white	Purchasing Office	Midstate Linen Supply, Inc., Urbana	35 140 00 (estimated)
Photoengraving service during the two-year period July 1, 1959, through June 30, 1961	Print Shop	Lake Shore Photo Engraving Co., Inc., Chicago	30 000 00

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Lease of 29 films, titles as listed, for the life of each print up to six years	Visual Aids Service	Films, Inc., Wilmette	\$ 6 600 00 f.o.b. delivered
60 16 mm. films	Visual Aids Service	Coronet Films, Chicago	5 972 50 f.o.b. destination
120 refrigerators, 8 cu. ft., white enamel finish	Housing Division (for married student apartments)	Frigidaire Sales Corp., Chicago	12 870 00
121 ranges, electric, white enamel finish, 220 volt, with four burners, with cord and plug	Housing Division (for married student apartments)	Tepper's Hardware, Urbana (ranges)	11 129 58 f.o.b. Urbana
Living room, bedroom, and dining room furniture	Housing Division (for married student apartments)	Thonet Industries, Inc. to be awarded to Rochelle's, Inc., Chicago	6 000 00
		Heywood-Wakefield to be awarded to S. Buckman Furniture & Supply Co., Spring Valley	27 505 14
		Hanseatic Furniture Co. to be awarded to Rochelle's, Inc., Chicago	21 867 60
		J & S Furniture Co. to be awarded to J & S Furniture Manufacturing Co., Chicago	18 575 00
		all prices f.o.b. delivered	
Two market forge compartment steamers	Housing Division (Men's Residence Halls)	Swain & Myers Sales Co., Decatur	3 592 00 f.o.b. Urbana
Garbage and trash pick-up and disposal service for the Stadium Terrace and Illini Village housing units for the two-year period July 1, 1959, through June 30, 1961	Housing Division	Varner Hauling System, Urbana	8 829 30
14,800 reams 8 1/4 in. x 11 in. five-lb. white No. 4 sulphite duplicator paper	Office Supply Stores	Ditto, Inc., Peoria	11 129 60 f.o.b. delivered
585,000 lbs. dry ice, estimated quantity required by all departments for the period from July 1, 1959, through June 30, 1961	Various Departments, Urbana	General Dynamics Corp., Liquid Carbonic Division, Chicago	22 137 50 f.o.b. delivered
		Pure Carbonic Co., Chicago	
26,433 board ft. construction grade Douglas fir or West Coast hemlock	Physical Plant Storeroom	Pinecrest Lumber Co., Chicago	3 287 72 f.o.b. delivered
476 sheets miscellaneous plywood	Physical Plant Storeroom	Kochton Plywood & Veneer Co., Inc., Decatur	2 737 53 f.o.b. delivered
500 tons Class-X crushed rock	Physical Plant Storeroom	Champaign Builders Supply Co., Champaign	10 402 00 f.o.b. delivered
1,000 tons torpedo sand			
2,000 tons No. 8 crushed stone road binder			
Furnish approximately 750 pieces of 8 in. x 6 in. x 6 ft. precast concrete curb as required for period of July 1, 1959, through June 30, 1961	Physical Plant Storeroom	Martinie Metal & Concrete Products, Champaign	4 275 00 f.o.b. delivered
Approximately 40,000 fifty-lb. bags grade "A" Louisiana rock salt to be used during the period July 1, 1959, through June 30, 1961	Physical Plant	Cargill, Inc., LaSalle	28 900 00 f.o.b. delivered
40,000 lbs. standard flake caustic soda for period of July 1, 1959, through June 30, 1961	Physical Plant	Acid Products Co., Inc., Decatur	2 880 00 f.o.b. delivered
Four sedans, four-door, six-cylinder, automatic transmission	Physical Plant Storeroom	Springer Motor Sales, Rantoul (Ford)	3 574 35
One sedan, four-door, six-cylinder, automatic transmission, power brakes and steering		five sedans	
One sedan, four-door, V-8, automatic transmission, special police equipment		Bill Murray Chevrolet, Inc., Monticello	925 00
		one sedan	
		University Ford Sales, Champaign	874 00
Two station wagons, four-door, V-8, automatic transmission		one station wagon	
Less allowance for six 1957 four-door sedans, and two station wagons		Courtesy Motor Sales, Chicago (Ford)	988 00
		one station wagon	

(6 361 35)

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

HEADSHIP OF THE DEPARTMENT OF PSYCHOLOGY

(27) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. Lloyd G. Humphreys as Professor of Psychology on indefinite tenure and Head of the Department beginning September 1, 1959, at a salary of \$14,000.

This is to fill the vacancy created when Professor Lyle H. Lanier, former Head of the Department, was appointed Dean of the College of Liberal Arts and Sciences. In the meantime, Professor W. E. Kappauf has been serving as Acting Head of the Department.

The nomination of Dr. Humphreys was made by a special search committee, and all members of the Department of professorial rank have been consulted. The Vice-President and Provost and the Dean of the Graduate College concur. I recommend approval.

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

COORDINATED SCIENCE LABORATORY

(28) The Dean of the College of Engineering, the Director of the Engineering Experiment Station, and the Vice-President and Provost recommend authorization of a change in the functions and objectives of the Control Systems Laboratory from one dealing almost exclusively with classified research on military projects to an interdisciplinary laboratory devoted to a broad program in pure and applied science with classified research being continued in a reduced role. To give the proper indication or definition of this new function, both within the University and abroad, it is recommended that the name be changed to "Coordinated Science Laboratory."

They also recommend the appointments of two Associate Directors, presently members of the Laboratory staff, one of whom will have joint responsibilities with the Department of Physics and the other with the Department of Electrical Engineering: Chalmers William Sherwin, Professor of Physics and Associate Director of the Coordinated Science Laboratory, and Mac Elwyn Van Valkenburg, Professor of Electrical Engineering and Associate Director of the Coordinated Science Laboratory, effective September 1, 1959. The salaries of these positions will be determined when the budget for 1959-60 is submitted to the Board for approval.

The Board of Trustees has previously approved the appointment of Dr. Daniel Alpert, Research Professor of Physics and presently Technical Director of the Control Systems Laboratory, as Director effective July 1, 1959, to succeed Professor F. Wheeler Loomis, who is retiring from active service. It is recommended that Professor Alpert's title be changed to Director of the Coordinated Science Laboratory.

I concur in these recommendations.

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

REPORTS OF COMMITTEES

The Board proceeded to consider the following reports and recommendations from its standing committees.

SITE SELECTION FOR RELOCATION OF THE CHICAGO UNDERGRADUATE DIVISION

Mr. Johnston, for the Committee on General Policy, presented the following report and recommendation:

On February 19, 1959, the Board of Trustees designated the Riverside Golf Club and an adjacent area as the site for the permanent location of the Chicago Undergraduate Division of the University of Illinois.

In this action on the Riverside site, the Trustees indicated a willingness to reconsider the decision should Northerly Island be made available at no greater cost and on the development time schedule defined by the Board, namely, decision in time to be considered as the basis for legislative appropriations which would permit construction to start by the fall of 1960 and completion in the fall of 1963.

The Mayor of the city of Chicago has informed the President of the Uni-

versity that after a careful review of all the factors involved, including the possibility of relocating Meigs Field, Northerly Island can not be made available as a University site.

On May 6, 1959, Mayor Richard J. Daley asked the Board of Trustees to consider the railroad terminal area as a site, with the suggestion that Garfield Park be considered as an alternate site if by April, 1960, the railroad terminal could not be made available.

The Trustees have studied this proposal. They believe that no further delay should ensue in declaring a firm decision, so that site planning may be started at once and site development undertaken as soon as funds are appropriated by the General Assembly now in session.

On the basis of the alternatives now before the Board, it is their judgment that the Garfield Park site as now described¹ is second only to Northerly Island as a desirable site within the city of Chicago, assuming that approximately 135 acres of park land and twelve acres of land outside the park can be made available at a cost not to exceed the estimated cost of the Riverside site (in accordance with the Mayor's statement on costs on February 23) on the University's timetable. It is also assumed that certain street closings can be negotiated and that the city plans to designate portions of the adjacent area for redevelopment.

The Board of Trustees, therefore, recommends to the Mayor of the city of Chicago that steps be taken immediately so that the Garfield Park land may be conveyed to the Board of Trustees as soon as the appropriations are made. It would be expected that such enabling legislation as may be necessary for this purpose would be sponsored by the Park District and the City. The Board of Trustees also recommends to the Governor and the General Assembly that the funds for the Chicago Undergraduate Division be appropriated for the purpose of acquiring the Garfield Park site. The Trustees further recommend that the legislation, providing for a referendum on a bond issue for buildings at the state universities, be amended to increase the total by fifty million dollars, the sum estimated to be necessary for buildings and equipment to permit the replacement and enlargement of the program now offered at Navy Pier.

It is the intention of the Board of Trustees to rescind its action of February 19, 1959, with reference to the Riverside site, as soon as the acquisition of Garfield Park by the University is assured.

Conditions of Acceptance for Garfield Park

1. That the entire park land south of the Lake Street elevated (including all the existing improvements) will be deeded to the University of Illinois.
2. That a redevelopment program will be established for the surrounding area by which the park land lost to the community will be relocated.
3. That Fifth Avenue will be closed west of Central Avenue.
4. That consideration will be given by the City to closing one or more of the east-west streets crossing the above site.
5. That the acquisition cost of the park land and the triangular section lying south of it and adjacent to the Congress Street Expressway will not exceed the land acquisition and development costs to the University for construction on the Riverside site.
6. That the University will have the right of access to city streets for the purpose of constructing utilities.

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

BIENNIAL BUILDING PROGRAM FOR 1959-61

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

Governor William G. Stratton's budget message to the Seventy-first General Assembly of Illinois recommends appropriations totaling \$14,190,000 to the Uni-

¹The Garfield Park site herein described differs from that originally proposed in the report of the Real Estate Research Corporation of Chicago. The present proposal includes approximately eighty-one acres of additional park land instead of requiring the acquisition of a similar area of privately owned land. In other words, the area of land which would be available for immediate construction of buildings without requiring clearance or relocation of families has been greatly increased.

versity for buildings and other capital expenditures for the biennium of 1959-61. This total will be distributed as follows, with adjustments in the several items to set up line items for equipment and contingencies.

Power Plant Addition and Utilities Distribution System, Urbana....	\$ 6 400 000
Funds to supplement outside grants, Urbana.....	1 185 000
Protection of life and property, Urbana and Chicago Professional Colleges	775 000
For site acquisition, development, and planning (net), Chicago Undergraduate Division	2 500 000
Land acquisition, Urbana.....	450 000
Completion of buildings under construction, Urbana and Chicago Professional Colleges	940 000
Plans and specifications, Urbana and Chicago Professional Colleges..	500 000
Remodeling, Urbana and Chicago Professional Colleges.....	1 000 000
University's proportionate share of public improvement projects, Urbana	440 000
	<u>\$14 190 000</u>

It should be noted that the largest item is an addition to the Power Plant and Utilities Distribution System which will include a new boiler and generator to provide additional capacity for the expansion of academic buildings, and extension of utilities needed to service new residence halls and other revenue financed buildings.

In addition the Governor has recommended a new referendum for a bond issue for educational institutions. If authorized by the General Assembly this referendum will be in the fall of 1960 and if approved, appropriations for the construction of major buildings would be made in the biennium beginning in 1961.

On motion of Mr. Pogue, these adjustments were approved.

PURCHASE OF PROPERTY AT 1201 WEST STOUGHTON STREET, URBANA

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

The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 1201 West Stoughton Street, Urbana, at a price of \$17,000. This property is within the University's long-range land acquisition program and is one of two privately owned lots in the block bounded by Springfield Avenue on the south, Mathews Avenue on the west, Stoughton Street on the north, and Goodwin Avenue on the east, all the other land in that block being owned by the University.

The property at 1201 West Stoughton Street consists of a corner lot 66 feet wide and 100 feet deep with a ten-room frame house formerly occupied by the Alpha Kappa Alpha sorority, the owner. The house is presently unoccupied because it is in need of major repairs, and the sorority has decided to build elsewhere instead of rebuilding on the present site. The house should be razed and the land can be used for parking until needed as a building site. The price is \$800.00 higher than the highest appraisal secured by the University, and \$1,000.00 less than an appraisal secured by the sorority. It would represent a cost of \$2.57 per square foot which is a reasonable price compared with other properties acquired in this area.

Funds are available.

The President of the University concurs in this recommendation.

On motion of Mr. Pogue, the purchase of this property, at the price indicated, was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

PURCHASE OF PROPERTY AT 1003 WESTERN AVENUE, URBANA
Mr. Pogue, for the Committee on Buildings and Grounds, presented the following recommendation:

The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 1003 Western Avenue, Urbana, at a price of \$8,500. This property consists of a lot 60 feet wide and 60 feet deep with a two-story, four-room frame house and a garage-like frame building used as a small warehouse. It is in the area bounded by Western Avenue on the north, Gregory Avenue on the east, Green Street on the south, and Goodwin Avenue on the west. It adjoins the former Illinois Terminal Railroad right-of-way on the south, and the University owns the adjoining property on the west. It is within the area of the University's long-range land acquisition program and will be needed as a part of a site for a new residence hall for unmarried graduate students.

The price is consistent with University appraisals and represents a cost of \$2.36 per square foot which is reasonable compared with the value of other properties acquired by the University in this area.

Funds are available.

The President of the University concurs in this recommendation.

On motion of Mr. Pogue, the purchase of this property, at the price indicated, was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

BIENNIAL BUDGET FOR 1959-61

Mr. Swain, for the Finance Committee, presented the following report:

Governor William G. Stratton's budget message to the Seventy-first General Assembly of Illinois recommended a total biennial operating budget for the University of \$124,910,000. This is a reduction of \$6,600,000 in the total budget of \$131,510,000 approved by the Board of Trustees October 23, 1958.

While the increase proposed for the University by the Governor is not as much as the University requested and could use effectively, it does provide sufficient funds for the University to make progress in correcting the most serious deficiencies and to meet competition in retaining and recruiting staff. It is recommended that the reductions be taken in the following items. The University Budget Committee has approved the revised distribution of the proposed increase.

	<i>Original Increase Proposed</i>	<i>Revised Proposed Increase</i>	<i>Reduction</i>
Contribution to the University Retirement System.....	\$ 997 200	\$ 997 200
To continue for a full biennium funds required for one year only in 1957-59.....	985 600	985 600
To meet essential increases in expense and equipment.....	4 000 000	2 750 000	\$1 250 000
To continue on a permanent basis expenditures financed temporarily from savings...	1 415 000	1 415 000
Salary adjustments.....	12 000 000	10 250 000	1 750 000
University's contribution to the staff health insurance program.....	600 000	600 000
To put new buildings into operation.....	1 290 200	1 290 200
For additional enrollment.....	1 480 000	1 480 000
To improve the educational programs....	4 100 000	1 100 000	3 000 000
Refunds.....	80 000	80 000
	<u>\$26 948 000</u>	<u>\$20 348 000</u>	<u>\$6 600 000</u>

On motion of Mr. Swain, these revisions in the biennial operating budget were approved.

SECRETARY'S REPORTS

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

APPOINTMENTS MADE BY THE PRESIDENT

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

- ALLEN, ALFRED W., Professor of Ceramic Engineering (C), two months from July 1, 1959, \$1055.55 a month; this is in addition to his present appointment (4-9-59).
- ASCARELLI, GIANNI, Research Associate in Physics (C), one year from September 1, 1959, \$7000 (4-20-59).
- BARBATO, LIBERO, Research Associate in Psychiatry (Medicine), four months from May 1, 1959, \$583.33 a month (4-28-59).
- BART, RONALD K., Research Assistant in Ceramic Engineering (S), three months from June 1, 1959, \$440 a month, supersedes (4-11-59).
- BARTLE, ROBERT G., Associate Professor of Mathematics, two months from June 16, 1959, \$1655.56; this is in addition to his present appointment (4-29-59).
- BATEMAN, PAUL T., Professor of Mathematics, two months from June 16, 1959, \$2222.22; this is in addition to his present appointment (4-29-59).
- BEAMER, RUFUS W., Visiting Lecturer in Agricultural Education, June 15-July 11, 1959, \$758 a month (4-9-59).
- BLISS, LAWRENCE C., Research Assistant Professor of Botany, two months from June 16, 1959, \$666.67 a month (4-15-59).
- BORASKY, RUBIN, Electron Micrographer, May 1, 1959-August 31, 1960, \$9000 a year (4-15-59).
- BROWN, OLIVER R., JR., Assistant in Education (University High School), August 3-28, 1959, \$500 (4-23-59).
- BUSH, JOHN C., Assistant in Radiology (Medicine), eight months from January 1, 1959, without salary (4-13-59).
- CHRISTIAN, ROBERT R., Visiting Lecturer in Mathematics, ten months from August 1, 1959, \$10,000 (4-29-59).
- DAVISON, HUGH M., Extension Specialist in University Extension Conference Programs and University Extension Police Training Institute (Division of University Extension), five months from April 1, 1959, \$625 a month, supersedes (4-17-59).
- ERASMUS, CHARLES J., Research Associate in Anthropology, two months from June 16, 1959, \$1111.10; this is in addition to his present appointment (4-29-59).
- FARON, LOUIS C., Research Associate in Anthropology, two months from June 16, 1959, \$1111.10; this is in addition to his present appointment (4-29-59).
- FOSDICK, LLOYD D., Research Assistant Professor of Physics (Digital Computer Laboratory), one month from June 16, 1959, \$711.11 (4-20-59).
- GINSBERG, DONALD M., Research Associate in Physics (College of Engineering and Graduate College), one year from September 1, 1959, \$7500 (4-3-59).
- GOTHELF, BERNARD, Research Assistant in Psychiatry (Medicine), April 12-August 31, 1959, \$458.33 a month (4-28-59).
- GRAY, MRS. MARY T., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1959, \$400 a month (4-23-59).
- HAGGLUND, RAY, Instructor in Theoretical and Applied Mechanics (C), 1/2 time, academic year beginning September 1, 1959, \$2600 (4-28-59).
- HANDLER, JEROME L., Clinical Assistant in Medicine (Medicine), six months from March 1, 1959, without salary (4-13-59).
- HART, ALICE G., Visiting Lecturer in Education (University High School), for services for the period August 1, 1959-June 4, 1960, \$500 a month for the ten-month period of August 1, 1959, through May 31, 1960 (4-20-59).
- HERBST, RICHARD J., Research Assistant in Ceramic Engineering (S), three months from June 1, 1959, \$440 a month, supersedes (4-11-59).
- JOHN, KARL O., Research Assistant in Chemistry, one year from April 16, 1959, \$5100 (4-23-59).

- JOHNSON, NOEL H., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1959, \$422.22 a month (4-23-59).
- JOHNSON, ROBERT E., Director of University Honors Programs (Provost's Office), seven months from February 1, 1959, without additional salary; this is in addition to his present appointment (4-9-59).
- KIRTLEY, MALCOLM B., Assistant Professor of Agricultural Marketing (Agricultural Economics) (E), five months from April 1, 1959, \$700 a month, supersedes (4-28-59).
- KNOX, ROBERT S., Research Associate in Physics (C), five months from April 1, 1959, \$583.33 a month, supersedes (4-20-59).
- KOZIJ, VERA M., Research Assistant in Medicine (Medicine), five months from April 1, 1959, \$366.66 a month (4-9-59).
- KUNIHRO, TOSHIRO, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1959, \$400 a month (4-23-59).
- LYON, RICHARD O., Associate Professor of 4-H Club Work (E), five months from April 1, 1959, \$712.50 a month, supersedes (4-3-59).
- MCDERMOTT, MARK N., Research Associate in Physics (C), July 1, 1959-August 31, 1960, \$7000 a year (4-20-59).
- MICHEL, GERD A. W., Research Associate in Chemistry, one year from September 1, 1959, \$5400 (4-29-59).
- MILLS, QUEENIE B. B., Acting Head of Child Development and Family Relations, five months from February 1, 1959, \$500; this is in addition to her present appointment (4-28-59).
- MORRIS, CHARLES E., JR., Visiting Research Associate in Education (University High School), $\frac{1}{2}$ time, nine months from September 16, 1959, \$2500 (4-20-59).
- MYERS, JOHN J., Research Assistant Professor in the Control Systems Laboratory (S), February 25-August 31, 1959, \$11,500 a year (4-9-59).
- NUNNALLY, JUM C., JR., Associate Director of University Honors Programs (Provost's Office), seven months from February 1, 1959, without additional salary; this is in addition to his present appointment (4-9-59).
- PAGE, DAVID A., Assistant Professor of Education (University High School), two months from June 16, 1959, \$1838.10; this is in addition to his present appointment (4-20-59).
- POLLAK, VICTOR E., Research Assistant Professor of Medicine (Medicine), five months from April 1, 1959, without salary (4-28-59).
- RASMUSSEN, MRS. LORE, Research Associate in Education (University High School), two months from June 16, 1959, \$593.33 a month (4-20-59).
- RAY, SYLVIAN R., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1959, \$444.44 a month (4-23-59).
- RINGUS, EDMUND, Clinical Instructor in Radiology (Medicine), $\frac{1}{4}$ time, five months from April 1, 1959, \$175 a month, supersedes (4-9-59).
- RISKE, MARCUS, Visiting Lecturer in Education (University High School), for services for the period August 1, 1959-June 4, 1960, \$450 a month for the ten-month period of August 1, 1959 through May 31, 1960 (4-20-59).
- SARNAT, SHEILA P., Registered Pharmacist in Hospital Pharmacy (Research and Educational Hospitals, Pharmacy), March 23-August 31, 1959, \$466.67 a month (4-9-59).
- SHEAGREN, JOHN W., Physician in the Health Service (with rank of Instructor in Medicine) (Chicago Professional Colleges), $\frac{1}{2}$ time, April 6-August 31, 1959, \$433.33 a month, supersedes (4-9-59).
- STEPHENS, RICHARD B., Professor of Law, academic year beginning September 1, 1959, \$14,500 (4-13-59).
- STEWART, WILSON N., Research Professor of Botany, two months from June 16, 1959, \$1055.55 a month; this is in addition to his present appointment (4-15-59).
- THOMS, ROBERT L., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$2500 (4-28-59).
- TISDALL, WILLIAM J., Research Assistant in the Institute for Research on Exceptional Children, two months from June 16, 1959, \$800 (4-23-59).
- TRUMBULL, THOMAS J., Visiting Lecturer in Education (University High School), for services for the period August 1, 1959-June 4, 1960, \$450 a month for the ten-month period of August 1, 1959 through May 31, 1960 (4-20-59).

- VANGOR, DONALD W., Pharmacy Resident (Pharmacy), $\frac{3}{5}$ time, March 15-August 31, 1959, \$1350 a year; for the convenience of the University he will also be furnished room, board, and laundry of uniforms while on duty, supersedes (4-9-59).
- WAHL, FLOYD M., Research Assistant Professor of Geology, two years from July 1, 1959, \$7000 a year (4-9-59).
- WHITFIELD, GEORGE D., Research Associate in Physics (C), for one year from September 1, 1959, \$6500 (4-13-59).
- WICKLUND, ROMAYNE C., Extension Specialist in Conference Programs (Division of University Extension), April 15-August 31, 1959, \$541.66 a month (4-20-59).
- WISEMAN, NEIL E., Research Assistant in the Digital Computer Laboratory, June 16-August 31, 1959, \$422.22 a month (4-23-59).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on March 23, 1959, except where otherwise indicated in parentheses.)

Accountancy

- GEU, HAROLD L., Fellow, nine months from September 16, 1959, \$1500.
- KEISTER, ORVILLE R., JR., Fellow, nine months from September 16, 1959, \$1500.
- LOWENSTEIN, JOSEPH R., Fellow, nine months from September 16, 1959, \$1500.
- SENNEFF, RICHARD J., Fellow, nine months from September 16, 1959, \$1500.

Agricultural Economics

- BARNETT, RITCHIE G., Hackett Fellow, September 16, 1959-January 31, 1960, \$750 (4-2-59).
- COWLING, KEITH G., Fellow, nine months from September 16, 1959, \$2000.
- LANGHAM, MAX R., Fellow, nine months from September 16, 1959, \$1500.
- PATTERSON, REX A., Wright Fellow, nine months from September 16, 1959, \$1500 (4-2-59).
- STOEVENER, HERBERT H., Wright Fellow, nine months from September 16, 1959, \$1500 (4-2-59).
- TINSLEY, WILLIAM A., Fellow, nine months from September 16, 1959, \$1500.
- WARMBROD, JAMES R., Hackett Fellow, nine months from September 16, 1959, \$1500 (4-2-59).

Agronomy

- CHENG, HWEI-HSIEN, Fellow, nine months from September 16, 1959, \$1500.
- DREISOW, BEVERLY V., Hackett Fellow, nine months from September 16, 1959, \$1500 (4-2-59).
- HALL, GEORGE F., Wright Fellow, nine months from September 16, 1959, \$1500 (4-2-59).
- PRENSKY, WOLF, Fellow, nine months from September 16, 1959, \$1500.
- SAVAGE, SCOTT M., Fellow, nine months from September 16, 1959, \$1500.
- WATKINS, PHILLIP W., Fellow, nine months from September 16, 1959, \$1500.
- WILDING, LAWRENCE P., Fellow, nine months from September 16, 1959, \$1500.

Animal Science

- BREIDENSTEIN, BLAINE B., Wright Fellow, nine months from September 16, 1959, \$1500 (4-2-59).

Anthropology

- NAGATA, SHUICHI, Fellow, nine months from September 16, 1959, \$1500.

Architecture

- HOLSCHNEIDER, JOHANNES P., Fellow, nine months from September 16, 1959, \$1500.
- HSIU, HWEI-CHIH, Fellow, nine months from September 16, 1959, \$1500.
- MILLER, HAROLD J., Kaiser Aluminum and Chemical Corporation Fellow, nine months from September 16, 1959, \$1500.

Art

- BADNER, MINO D., Fellow, nine months from September 16, 1959, \$1500.
- BASSARO, JOAN M. K., Fellow, nine months from September 16, 1959, \$1500.

EPLER, ROSA L., Fellow, nine months from September 16, 1959, \$1500.
GATES, MRS. ELAINE B., Fellow, nine months from September 16, 1959, \$1500.
GLENN, JOHN R., Fellow, nine months from September 16, 1959, \$1500.
HAGEWOOD, HAROLD C., Fellow, nine months from September 16, 1959, \$1500.
HOOVEN, PETER K., Fellow, nine months from September 16, 1959, \$1500.

Bacteriology

ESRIG, MRS. STELLA M., Fellow, nine months from September 16, 1959, \$1500.
RAPES, SHIRLEY, Fellow, nine months from September 16, 1959, \$1500.

Botany

ALLEN, RICHARD D., Fellow, nine months from September 16, 1959, \$1500.
BOURKE, ALICE J., Fellow, nine months from September 16, 1959, \$1500.
GOVINDJEE, MRS. RAJNI, Fellow, September 16, 1959-January 31, 1960, \$750.

Business

FURUHASHI, YUSAKU I., Fellow, nine months from September 16, 1959, \$1500.

Ceramic Engineering

ANDERSON, RICHARD C., Edward Orton Jr. Foundation Fellow, nine months from September 16, 1959, \$1600 (4-27-59).
CAPEK, RAYMOND G., General Electric Company Fellow, nine months from September 16, 1959, \$1750 (4-2-59).
COOK, LEONARD M., Edward Orton Jr. Foundation Fellow, nine months from September 16, 1959, \$1600 (4-27-59).
HALL, CHARLES A., National Lead Company Fellow, nine months from September 16, 1959, \$1740 (4-27-59).
WIRTH, DAVID G., JR., Armco Steel Corporation Fellow, nine months from September 16, 1959, \$1900 (4-27-59).

Chemical Engineering

BALCHAN, ANTHONY S., Autoclave Engineers Fellow, nine months from September 16, 1959, \$1800.
BUEHL, WALTER M., JR., Fellow, nine months from September 16, 1959, \$1500.
EDWARDS, ARTHUR L., Shell Companies Foundation Fellow, nine months from September 16, 1959, \$2100.
GREGG, DAVID W., Consolidation Coal Company Fellow, nine months from September 16, 1959, \$1500 (4-21-59).
HOSLER, E. RAMON, Monsanto Chemical Company Summer Research Fellow, two months from June 16, 1959, \$550 (4-17-59).
KEATING, KENNETH B., Fellow, September 16, 1959-January 31, 1960, \$750.
LILLELEHT, LEMBIT U., Fellow, nine months from September 16, 1959, \$1500.
LILLELEHT, LEMBIT U., American Oil Company Fellow, nine months from September 16, 1959, \$1500, superscedes (4-21-59).
REISS, L. PHILIP, Union Carbide Corporation (Visking) Fellow, nine months from September 16, 1959, \$2100.
SHEELY, CLYDE Q., JR., Fellow, nine months from September 16, 1959, \$1500.
STEPHENS, DOUGLAS R., Dow Chemical Company Fellow in Chemical Engineering, nine months from September 16, 1959, \$1700 (4-21-59).
TAXIMOTO, SADAQ, Fellow, nine months from September 16, 1959, \$1500.
TISCHER, RICHARD E., Fellow, nine months from September 16, 1959, \$1500.
WELCH, JOHN F., USI Fellow, nine months from September 16, 1959, \$1800 (4-2-59).
WIEDERHORN, SHELDON, Fellow, September 16, 1959-January 31, 1960, \$750.
YOUNGQUIST, GORDON R., Minnesota Mining and Manufacturing Company Fellow, nine months from September 16, 1959, \$1500 (4-21-59).

Chemistry

ANDERSON, DONALD J., Fellow, nine months from September 16, 1959, \$1500.
BECK, JAMES R., Standard Oil Company of California Fellow, nine months from September 16, 1959, \$1500.
BROOKS, SUZANNE B., USI Fellow, nine months from September 16, 1959, \$1800 (4-2-59).

- BURTON, ALICE J., Fellow, nine months from September 16, 1959, \$1500.
BURTON, GILBERT W., Fellow, nine months from September 16, 1959, \$1500.
CHAO, MOU-SHU, Fellow, September 16, 1959-January 31, 1960, \$750.
CHILTON, WILLIAM S., Fellow, nine months from September 16, 1959, \$1500.
COOK, ADDISON G., Monsanto Chemical Company Summer Research Fellow, two months from June 16, 1959, \$550 (4-20-59).
DREW, ERNEST H., Fellow, nine months from September 16, 1959, \$1500.
FAY, ROBERT C., Dow Chemical Company Fellow, nine months from September 16, 1959, \$1700.
FRIIHAUF, EDWARD J., Firestone Tire and Rubber Company Fellow, nine months from September 16, 1959, \$1500 (4-15-59).
GALE, WALTER W., Phillips Petroleum Company Fellow, nine months from September 16, 1959, \$2000.
HAYNES, LEROY W., Monsanto Chemical Company Fellow, nine months from September 16, 1959, \$1750.
HEDGE, JOHN A., Sun Oil Company Fellow, nine months from September 16, 1959, \$1800.
HEINS, CONRAD F., Fellow, nine months from September 16, 1959, \$1500.
KONZ, MARVIN J., Sinclair Research Laboratories Fellow, nine months from September 16, 1959, \$1500.
MCCARTY, CHARLES G., Roger Adams Fellow, nine months from September 16, 1959, \$1600 (4-21-59).
MCMURRAY, WALTER J., Eli Lilly Fellow, nine months from September 16, 1959, \$1700 (4-15-59).
MEYERS, BERNARD L., Fellow, nine months from September 16, 1959, \$1500.
MON, MEHM TIN, Fellow, nine months from September 16, 1959, \$1500.
NEALE, ROBERT S., Gillette-Toni Fellow, nine months from September 16, 1959, \$2500 (4-2-59).
OSBORN, GENIE C., Fellow, nine months from September 16, 1959, \$1500.
PAISLEY, MRS. NANCY C., Fellow, nine months from September 16, 1959, \$1500.
ROSE, NORMAN J., Toms-River-Cincinnati Chemical Corporation Fellow, nine months from September 16, 1959, \$1800.
SCHUG, JOHN C., General Electric Company Fellow, nine months from September 16, 1959, \$2500.
SCHULTZ, JOHN E., Union Carbide Corporation (Union Carbide Plastics Company) Fellow, nine months from September 16, 1959, \$2100 (4-13-59).
SMITH, RUSSELL G., Rohm and Haas Company Fellow, nine months from September 16, 1959, \$1750.
TEETS, DAVID W., Fellow, nine months from September 16, 1959, \$1500.
THOMPSON, LARRY C., United States Rubber Company Fellow, nine months from September 16, 1959, \$2100.
TIPTON, CARL L., Procter and Gamble Company Fellow, nine months from September 16, 1959, \$2100.
TOREN, ERIC C., JR., Socony Mobil Oil Company Fellow, nine months from September 16, 1959, \$2000.
TVETEN, JOHN L., Minnesota Mining and Manufacturing Company Fellow, nine months from September 16, 1959, \$1500.
UEBEL, JACOB J., Fellow, nine months from September 16, 1959, \$1500.
VERKADE, JOHN G., Monsanto Chemical Company Fellow, nine months from September 16, 1959, \$1750.
WEDEGAERTNER, DONALD K., Allied Chemical Corporation (Plastics and Coal Division) Fellow, nine months from September 16, 1959, \$2000.
WENZ, DONALD A., Ethyl Corporation Fellow, nine months from September 16, 1959, \$1800.
WERNER, NEWTON D., Allied Chemical Corporation (Nitrogen Division) Fellow, nine months from September 16, 1959, \$1500.

City Planning

- SMITH, DOUGLAS C., Fellow, nine months from September 16, 1959, \$1500.

Civil Engineering

- AMIN, MOHAMMAD, Fellow, nine months from September 16, 1959, \$1500.
BUCKNAM, RONALD E., California Oil Company Fellow, nine months from September 16, 1959, \$1500.

CHUANG, KUEN-PUO, Fellow, nine months from September 16, 1959, \$1500.
DAI, KUANG-HSUN, Fellow, nine months from September 16, 1959, \$1500.
DONNELLAN, BERNARD A., Raymond Concrete Pile Company (in memorial to A. E. Cummings) Fellow, nine months from September 16, 1959, \$1500.
FUKUMOTO, YUHSI, Fellow, nine months from September 16, 1959, \$1500.
GUSTAFSON, WILLIAM C., Fellow, nine months from September 16, 1959, \$1500.
HENDRON, ALFRED J., JR., Fellow, nine months from September 16, 1959, \$1500.
HOLT, JOHN K., Fellow, nine months from September 16, 1959, \$1500.
KEENE, KENNETH R., Automotive Safety Foundation Fellow, nine months from September 16, 1959, \$1500.
PFRANG, EDWARD O., Fellow, nine months from September 16, 1959, \$1500.
SINGH, KRISHAN P., Fellow, nine months from September 16, 1959, \$1500.
WEES, JAMES A., Fellow, nine months from September 16, 1959, \$1500.
WIGGINS, JOHN H., JR., Esso Research and Engineering Company Fellow, nine months from September 16, 1959, \$2400.

Classics

ABRAMS, SAMUEL I., Fellow, nine months from September 16, 1959, \$1500.
MATULUNAS, HELEN F., Fellow, nine months from September 16, 1959, \$1500.

Communications

CAREY, JAMES W., Fellow, nine months from September 16, 1959, \$1500.
GUBACK, THOMAS H., Fellow, nine months from September 16, 1959, \$1500.

Dairy Science

EBNER, KURT E., Fellow, September 16, 1959-January 31, 1960, \$750.

Digital Computer Laboratory

WONG, ALFRED Y., Fellow, nine months from September 16, 1959, \$1500.

Economics

HALL, WARREN C., JR., Fellow, nine months from September 16, 1959, \$1500.
LEFTWICH, HOWARD M., Fellow, nine months from September 16, 1959, \$1500.
MAJDOWSKI, LEONARD A., Fellow, nine months from September 16, 1959, \$1500.
ONANIAN, EDWARD D., Fellow, nine months from September 16, 1959, \$2000.
SAUBER, KARL A., Fellow, nine months from September 16, 1959, \$1500.
SMITH, ROBERT F., Fellow, nine months from September 16, 1959, \$1500.
WICKS, JOHN H., Fellow, nine months from September 16, 1959, \$1500.

Education

FAIRGRIEVES, RICHARD L., Fellow, nine months from September 16, 1959, \$1500.
TOMLINSON, ROBERT M., Fellow, nine months from September 16, 1959, \$1500.

Electrical Engineering

AKITT, DONALD P., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000.
ANDERSON, GORDON W., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000 (4-15-59).
BOLES, WILLIAM D., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000.
CAMPBELL, HENRY G., JR., Fellow, nine months from September 16, 1959, \$1500.
CHAN, SHU-PARK, Fellow, nine months from September 16, 1959, \$1500.
ENGELHARDT, ALBERT G., Fellow, nine months from September 16, 1959, \$1500.
FEINGOLD, HARVEY, Fellow, nine months from September 16, 1959, \$1500.
GHOSH, HITENDRA N., Fellow, nine months from September 16, 1959, \$1500.
JONES, EDWIN C., JR., Fellow, nine months from September 16, 1959, \$1500.
LAFUSE, HARRY G., Westinghouse Fellowship-Instructorship, nine months from September 16, 1959, \$2500 (4-17-59).
LIU, RUEY-WEN, General Electric Company Fellow, nine months from September 16, 1959, \$2100 (4-17-59).
MCLAREN, ROBERT W., Fellow, nine months from September 16, 1959, \$1500.
OVERPECK, ROBERT L., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000.
PARR, RICHARD J., Fellow, nine months from September 16, 1959, \$1500.

RAO, SUNKARA N., Fellow, nine months from September 16, 1959, \$1500.
SINNEMA, WILLIAM, Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000.
STEIN, HERBERT J., Fellow, nine months from September 16, 1959, \$1500.
WANG, CARL C., Fellow, nine months from September 16, 1959, \$1500.

English

ANDERSEN, SAYRE D., Fellow, nine months from September 16, 1959, \$1500.
COLACUNIO, MICHAEL J., JR., Fellow, nine months from September 16, 1959, \$1500.
FRIEND, GEORGE L., Fellow, nine months from September 16, 1959, \$1500.
HEAGARTY, MARY A., Fellow, nine months from September 16, 1959, \$1500.
RACKIN, MRS. PHYLLIS, Fellow, nine months from September 16, 1959, \$1500.
REHM, MRS. PRISCILLA, Fellow, nine months from September 16, 1959, \$1500.
SILVIA, DANIEL S., JR., Fellow, nine months from September 16, 1959, \$1500.
ZIMMER, JEANNE C., Fellow, nine months from September 16, 1959, \$1500.

Entomology

HURLEY, RICHARD L., Fellow, nine months from September 16, 1959, \$1500.

Finance

HAYDON, RANDALL B., General Electric Company Fellow, nine months from September 16, 1959, \$2500.

Food Technology

CUMMISFORD, PATRICIA D., Fellow, nine months from September 16, 1959, \$1500.
ENDRES, JOSEPH G., Hackett Fellow, nine months from September 16, 1959, \$1500.
KIM, DONG HOON, Fellow, nine months from September 16, 1959, \$1500.

French

BOVEY, BETTY D., Fellow, nine months from September 16, 1959, \$1500.
GASTINEAU, MARIANNE, Fellow, nine months from September 16, 1959, \$1500.
JACKSON, LOVIE R., Fellow, nine months from September 16, 1959, \$1500.
RACSDALE, JULIA A., Fellow, nine months from September 16, 1959, \$1500.
RAINS, MRS. RUTH R., Fellow, nine months from September 16, 1959, \$1500.
WILSON, DARRYL B., Fellow, nine months from September 16, 1959, \$1500.
WOLIN, MRS. HELGA D., Fellow, nine months from September 16, 1959, \$1500.

Geography

ARMSTRONG, RICHARD W., Fellow, nine months from September 16, 1959, \$1500.
GADE, DANIEL W., Fellow, nine months from September 16, 1959, \$1500.
HELLER, CHARLES F., JR., Fellow, nine months from September 16, 1959, \$1500.
MCDONALD, JAMES R., Fellow, nine months from September 16, 1959, \$1500.

Geology

BICKFORD, MARION E., JR., Shell Oil Company Fellow, nine months from September 16, 1959, \$1800 (4-13-59).
BREDEHOEFT, JOHN D., Fellow, nine months from September 16, 1959, \$1500.
COLQUHOUN, DONALD J., Fellow, nine months from September 16, 1959, \$1500.
NIEMANN, ROBERT L., Illinois Clay Products Fellow, nine months from September 16, 1959, \$1500 (4-13-59).
PAGE, NORMAN J., Fellow, nine months from September 16, 1959, \$1500.
PELKERT, ERNEST W., Fellow, nine months from September 16, 1959, \$1500.
SCOTT, JOHN S., Fellow, nine months from September 16, 1959, \$1500.
STONE, JOHN E., Fellow, nine months from September 16, 1959, \$1500.
TETTENHORST, RODNEY T., Illinois Clay Products Company Fellow, nine months from September 16, 1959, \$1500.
WILSON, WILLIAM E., III, Fellow, nine months from September 16, 1959, \$1500.
WOLFF, ROGER G., National Lead Company Fellow, nine months from September 16, 1959, \$1500.
ZADNIK, VALENTINE E., Fellow, September 16, 1959-January 31, 1960, \$750.

German

LOCICERO, VINCENT, Fellow, nine months from September 16, 1959, \$1500.
POAG, JAMES F., Fellow, nine months from September 16, 1959, \$1500.

History

- COLLINS, JACQUELIN, Fellow, nine months from September 16, 1959, \$1500.
GRAY, RALPH D., Fellow, nine months from September 16, 1959, \$1500.
KING, PETER J., Kendric C. Babcock Fellow, nine months from September 16, 1959, \$1800.
MISSE, FREDERICK B., JR., Fellow, nine months from September 16, 1959, \$1500.
REUTER, FRANCIS T., Fellow, nine months from September 16, 1959, \$1500.
RICHARDS, JAMES O., Fellow, nine months from September 16, 1959, \$1500.
RIGGS, GEORGE T., Fellow, nine months from September 16, 1959, \$1500.
SMITH, RICHARD C., JR., Fellow, nine months from September 16, 1959, \$1500.
SMITH, WILDA M., Fellow, nine months from September 16, 1959, \$1500.
WEBB, BUDDY G., Fellow, nine months from September 16, 1959, \$1500.

Home Economics

- SMITH, JEAN A., General Foods Fund Fellow, nine months from September 16, 1959, \$3000.
SNOWDEN, JANE M., General Foods Fund Fellow, nine months from September 16, 1959, \$3000.

Italian

- BREMNER, ELLEN L., Fellow, nine months from September 16, 1959, \$1500.

Labor and Industrial Relations

- ESTOCK, JEROME H., Fellow, nine months from September 16, 1959, \$1500.

Law

- ELIASSON, ELIAS I., Fellow, nine months from September 16, 1959, \$1500.
INGMARSSON, JON, Fellow, nine months from September 16, 1959, \$1500.
OLAFSSON, JON A., Fellow, nine months from September 16, 1959, \$1500.
ROSQUIST, OLE K., Fellow, nine months from September 16, 1959, \$1500.

Library Science

- BARKER, DALE L., Katherine L. Sharp Fellow, nine months from September 16, 1959, \$600 (4-2-59).
DABNEY, PATRICIA A., Fellow, nine months from September 16, 1959, \$1500.
FELLER, SIEGFRIED, Fellow, nine months from September 16, 1959, \$1500.
GARRISON, GUY G., Fellow, nine months from September 16, 1959, \$1500.

Management

- PHILLIPS, JOHN P., Fellow, nine months from September 16, 1959, \$1500.

Mathematics

- CHAKRAVARTI, RENU, Fellow, nine months from September 16, 1959, \$1500.
CUDIA, DENNIS F., Fellow, nine months from September 16, 1959, \$1500.
GREENBLATT, ROBERT, Fellow, nine months from September 16, 1959, \$1500.
GROSSMAN, MARVIN W., Fellow, nine months from September 16, 1959, \$1500.
MITTMAN, CALVIN H., Fellow, nine months from September 16, 1959, \$1500.
RAO, CHIVUKULA R., Continental Oil Company Fellow, nine months from September 16, 1959, \$2200.
ROBINSON, IRVINE J., Fellow, nine months from September 16, 1959, \$1500.
SADAGURSKY, PAUL L., Fellow, nine months from September 16, 1959, \$1500.
SINGH, RAJINDER, Fellow, nine months from September 16, 1959, \$1500.
THOMAS, ROBERT L., Fellow, nine months from September 16, 1959, \$1500.

Mechanical Engineering

- BUTLER, JOHN S., Fellow, nine months from September 16, 1959, \$1500.
CLAUSING, ARTHUR M., Sperry Gyroscope Company Fellow, nine months from September 16, 1959, \$1800.
CZERNIK, DANIEL E., Fellow, nine months from September 16, 1959, \$1500.
HEIMBURG, RICHARD W., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000.
HILL, JAMES L., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000.

- KEAN, JEREMIAH H. B., JR., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000.
RUQUIST, RICHARD D., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000.
WEDEKIND, GILBERT L., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000.
YELLIN, EDWARD L., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$3000, supersedes (4-16-59).

Mining and Metallurgical Engineering

- BEAMAN, DONALD R., Inland Steel-Ryerson Foundation Fellow, nine months from September 16, 1959, \$2400 (4-21-59).
RATTI, GIUSEPPE, Fellow, nine months from September 16, 1959, \$1500.

Music

- BUCHANAN, GAIL K., Fellow, nine months from September 16, 1959, \$1500.
BUTLER, BARTLETT R., George A. Miller Fellow, nine months from September 16, 1959, \$2000.
FINFGELD, MRS. CAROLYN A., Fellow, nine months from September 16, 1959, \$1500.
KELLOGG, VIRGINIA K., Fellow, nine months from September 16, 1959, \$1500.
LUTZ, MARY E., Fellow, nine months from September 16, 1959, \$1500.
MCWILLIAMS, BURR M., Fellow, nine months from September 16, 1959, \$1500.
STOFFEL, RONALD A., Fellow, nine months from September 16, 1959, \$1500.
WARD-STEINMAN, DAVID, George A. Miller Fellow, nine months from September 16, 1959, \$2000.
WILSON, WENDY Y., Fellow, nine months from September 16, 1959, \$1500.

Nuclear Engineering

- WITTKÉ, DAYTON D., Fellow, nine months from September 16, 1959, \$1500.

Philosophy

- COHEN, MENDEL F., Fellow, nine months from September 16, 1959, \$1500.
LAKIN, ROBERT D., Fellow, September 16, 1959-January 31, 1960, \$750.
SCHWARTZ, SANDRA L., Fellow, September 16, 1959-January 31, 1960, \$750.

Physics

- BURMAN, ROBERT L., Eastman Kodak Fellow, nine months from September 16, 1959, \$2000 (4-13-59).
BURTON, JOHN W., Fellow, nine months from September 16, 1959, \$1500.
FINNEMORE, DOUGLAS K., United States Steel Foundation Fellow, nine months from September 16, 1959, \$2500 (4-13-59).
HARRIS, SAMUEL M., Gulf Research and Development Company Fellow, nine months from September 16, 1959, \$2000 (4-13-59).
HENRY, CHARLES H., Fellow, nine months from September 16, 1959, \$1500.
HETHERINGTON, JACK H., Corning Glass Works Foundation Fellow, nine months from September 16, 1959, \$2000 (4-21-59).
KLEWER, KENNETH L., Fellow, nine months from September 16, 1959, \$1500.
MARTINO, FRANK, Fellow, nine months from September 16, 1959, \$1500.
MCKINLEY, JOHN M., General Electric Company Fellow, nine months from September 16, 1959, \$2500 (4-15-59).
MILLER, PETER B., Raytheon Manufacturing Company Fellow, nine months from September 16, 1959, \$2000 (4-13-59).
NAM, SANG B., Fellow, nine months from September 16, 1959, \$1500.
SINCERBOX, GLENN T., Fellow, nine months from September 16, 1959, \$1500.
SOOTS, VELLO, Fellow, nine months from September 16, 1959, \$1500.
WOJCIECHOWSKI, GENE H., Fellow, nine months from September 16, 1959, \$1500.
YOUNG, JOHN H., Fellow, nine months from September 16, 1959, \$1500.

Plant Pathology

- NENE, YESHWANT L., Fellow, nine months from September 16, 1959, \$1500.
RAMACHANDRAN, S., Wright Fellow, nine months from September 16, 1959, \$1500 (4-2-59).

Political Science

- GREEN, CHARLES R., Kendric C. Babcock Fellow, nine months from September 16, 1959, \$1800.
GREENHILL, H. GAYLON, Fellow, nine months from September 16, 1959, \$1500 (4-2-59).
LIEBMAN, CHARLES S., George A. Miller Fellow, nine months from September 16, 1959, \$2000.
TAI, H. C., Fellow, nine months from September 16, 1959, \$1500 (4-2-59).
TUCKER, JOSEPH B., University Fellow, nine months from September 16, 1959, \$1500 (4-13-59).
WETHERINGTON, GERALD T., James W. Garner Fellow, nine months from September 16, 1959, \$1800.
WILSON, THOMAS D., Fellow, nine months from September 16, 1959, \$1500.
WILSON, THOMAS D., John A. Fairlie Fellow, nine months from September 16, 1959, \$1800, supersedes (4-20-59).
WOOD, DAVID M., Kendric C. Babcock Fellow, nine months from September 16, 1959, \$2500 (4-2-59).
ZEIGLER, LUTHER H., JR., Kendric C. Babcock Fellow, nine months from September 16, 1959, \$1800.

Psychology

- BAILEY, JANET H., George A. Miller Fellow, nine months from September 16, 1959, \$2000.
FASS, PETER J., Fellow, nine months from September 16, 1959, \$1500.
HOSOIA, KAZUMASA, Fellow, nine months from September 16, 1959, \$1500.
KOPPMAN, JERRY W., Fellow, nine months from September 16, 1959, \$1500.
LINARI, MARION R., Fellow, nine months from September 16, 1959, \$1500.
MATTESON, HALSEY H., George A. Miller Fellow, nine months from September 16, 1959, \$2000.
PIORKOWSKI, MRS. GERALDINE K., Fellow, nine months from September 16, 1959, \$1500.

Social Work

- MYERS, LUCYMAE, Fellow, nine months from September 16, 1959, \$1500.
STUNTZ, JANE A., Fellow, nine months from September 16, 1959, \$1500.

Sociology

- COHEN, HARRY, Fellow, nine months from September 16, 1959, \$1500.
DOWNEY, KENNETH J., Fellow, nine months from September 16, 1959, \$1500.
SUTTLES, GERALD D., Fellow, nine months from September 16, 1959, \$1500.

Spanish

- ALLEY, ETHEL H., Fellow, nine months from September 16, 1959, \$1500.
FORSTER, MERLIN H., Fellow, nine months from September 16, 1959, \$1500.
REEDY, DANIEL R., University Fellow, February 1-June 15, 1960, \$750 (4-13-59).
SCHMIDT, RUTH A., Fellow, nine months from September 16, 1959, \$1500.
WHITE, MARCIA J., Fellow, nine months from September 16, 1959, \$1500.

Speech

- DAY, DENNIS G., Fellow, nine months from September 16, 1959, \$1500.
HOOPS, RICHARD A., Fellow, nine months from September 16, 1959, \$1500.
SLOAN, JOHN H., Fellow, nine months from September 16, 1959, \$1500.

Theoretical and Applied Mechanics

- FELTNER, CHARLES E., Fellow, nine months from September 16, 1959, \$1500.
GUBSER, JOHN L., Fellow, nine months from September 16, 1959, \$1500.
KEMP, EMORY L., Fellow, nine months from September 16, 1959, \$1500.
MOYAR, GERALD J., Fellow, September 16, 1959-January 31, 1960, \$750.
WEITAMAN, YECHIEL, Fellow, nine months from September 16, 1959, \$1500.

Veterinary Medical Science

- KAEBERLE, MERLIN L., Fellow, nine months from September 16, 1959, \$1500.

Zoology

CLARKE, RICHARD B., Fellow, nine months from September 16, 1959, \$1500.
 COSTELLO, DOLORES A., Fellow, nine months from September 16, 1959, \$1500.
 FORSYTH, NANCY J., Fellow, nine months from September 16, 1959, \$1500.
 ZIMMERMAN, JOHN L., Fellow, nine months from September 16, 1959, \$1500.

Chicago Professional Colleges

ARORA, BALRAJ K., University Fellow, nine months from September 1, 1959, \$2000 (4-9-59).
 BERG, DAVID H., University Fellow, nine months from September 1, 1959, \$1500 (4-9-59).
 EDWARDS, JOHN R., University Fellow, nine months from September 1, 1959, \$1500 (4-9-59).
 HEWITSON, RICHARD E., University Fellow, nine months from September 1, 1959, \$1500 (4-9-59).
 MAILMAN, DAVID S., University Fellow, nine months from September 1, 1959, \$1500 (4-9-59).
 SALERNI, ORESTE, University Fellow, nine months from September 1, 1959, \$1800 (4-9-59).
 STEWART, ANN, University Fellow, nine months from September 1, 1959, \$1500 (4-9-59).
 WASSMER, ELIZABETH L., University Fellow, nine months from September 1, 1959, \$1500 (4-9-59).
 ZOMENO, MARIANO, D. J. Davis Fellow, one year from July 1, 1959, \$3600 (4-2-59).

RESIGNATIONS AND DECLINATIONS

ANDERSON, WILLIAM R., Assistant Professor of Physics (Chicago Undergraduate Division) (Summer Session) — declination effective June 19, 1959.
 BERG, DAVID H., University Fellow in the Chicago Professional Colleges — declination effective September 1, 1959.
 DANIELS, RALPH, Associate Professor of Chemistry (Pharmacy) (Summer Session) — declination effective June 22, 1959.
 GEORGIS, LOUIS G., Fellow in the Chicago Professional Colleges — resignation effective April 1, 1959.
 GOLDBERG, JACK L., Continental Oil Company Fellow in Mathematics — resignation effective April 1, 1959.
 GOULD, PHILLIP L., Fellow in Civil Engineering — declination effective February 1, 1960.
 GRIFFITH, JERRY, Assistant in the University Speech Clinic (Summer Session) — declination effective June 15, 1959.
 HOFFMAN, GERALD K., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges) — resignation effective April 1, 1959.
 HOPKINS, MORRIS K., Fellow in History — resignation effective April 7, 1959.
 LEVY, LAWRENCE S., Assistant in Mathematics (Summer Session) — declination effective June 15, 1959.
 LOWENSTEIN, JOSEPH R., Fellow in Accountancy — resignation effective April 7, 1959.
 MCIVOR, MRS. DOROTHY F., Instructor in Home Economics Extension (E) — resignation effective June 27, 1959.
 MINKOFF, CORINNE G., United States Public Health Service Fellow (Trainee) in Social Work — resignation effective April 1, 1959.
 PACE, RALPH C., Fellow in History — resignation effective April 16, 1959.
 SALVATORE, JOSEPH, Research Assistant in the Control Systems Laboratory (S) — resignation effective June 25, 1959.
 SCARAVELLI, GEORGE, Instructor in Pathology (Medicine) — resignation effective May 16, 1959.
 TIPLER, MRS. SUZANNE, Reference Assistant in the Library — resignation effective July 1, 1959.
 YOUNG, GEORGE A., Associate Professor of Civil Engineering (C) — resignation effective April 13, 1959.

LEAVES OF ABSENCE

FINLAY, GILBERT C., Professor of Education, Assistant Dean of the College of Education, and Head of Counseling Services on the University Council on

Teacher Education — continuation of leave of absence on 80 per cent time, without pay, from June 15, 1959, through June 14, 1960, so that he may continue his work with the Physical Science Study Committee Program.

FRAMPTON, GEORGE T., Professor of Law — leave of absence, without pay, for the academic year 1959-60, so that he may accept the invitation to teach at the Law School of the University of California at Berkeley.

FULLER, HARRY J., Professor of Botany — leave of absence, without pay, beginning March 1, 1959, and continuing until further notice, on account of disability.

HAMILTON, NORMAN T., Assistant Professor of Mathematics — extension of leave of absence, without pay, for the academic year 1959-60, in order that he may continue his research work in algebraic geometry, at Johns Hopkins University.

KLUTE, ARNOLD, Associate Professor of Soil Physics (Agronomy), in the College of Agriculture and in the Agricultural Experiment Station — leave of absence, without pay, for six months beginning September 1, 1959. This is in addition to his sabbatical leave of absence beginning March 1, 1960.

TRUMP, J. LLOYD, Professor of Education, and Head of Teacher Placement on the University Council on Teacher Education — continuation of leave of absence on $\frac{5}{6}$ time, without pay, for the academic year beginning September 1, 1959, so that he may continue to serve as Director of the Commission on Experimental Study of the Utilization of Staff in the Secondary School.

CHANGES IN SABBATICAL LEAVES OF ABSENCE

DAVIS, NUEL P., Assistant Professor of English, sabbatical leave of absence granted him for 1959-60 changed to leave for the second semester on full pay.

HAYS, RAY L., Assistant Professor of Physiology, in the Department of Dairy Science, in the College of Agriculture and in the Agricultural Experiment Station, sabbatical leave of absence for the academic year 1959-60 cancelled without prejudice.

KELLY, J. ROBERT, Associate Professor of Music, sabbatical leave of absence for the academic year 1959-60 cancelled without prejudice.

JULY MEETING

On motion of Mr. Johnston, the Board voted to hold its July meeting on July 21, 1959.

On motion of Mr. Swain, the Board voted to hold this meeting in Urbana, at an hour and place to be determined by the President and the Secretary of the Board.

ADDRESS BY PROFESSOR GEORGE C. McVITTIE

President Henry introduced Professor George C. McVittie, Head of the Department of Astronomy, who addressed the Board on the subject of the radio telescope which is being developed by his Department, illustrating his presentation with a model of the project.

FOOD SERVICE AWARD

President Henry and Mr. Vernon L. Kretschmer, Director of Housing, reported on an award received by the University from *Institutions Magazine*, in its 1959 annual food service contest, for the design and installations of the food service equipment in the Gregory Drive Residence Halls. A memorandum giving the details of this award has been filed with the Secretary for record.

On motion of Mr. Swain, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President