

**MEETING OF THE BOARD OF TRUSTEES**  
**OF THE**  
**UNIVERSITY OF ILLINOIS**

---

**November 18, 1965**



The November meeting of The Board of Trustees of the University of Illinois was held in Chicago Circle Center, Chicago, Illinois, on Thursday, November 18, 1965, beginning at 1:30 p.m.

President Howard W. Clement called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, and Mr. Kenney E. Williamson. Mr. Theodore A. Jones, Governor Otto Kerner, and Mr. Ray Page were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Vice-President Norman A. Parker, University of Illinois at Chicago Circle; Vice-President Joseph S. Begando, University of Illinois at the Medical Center, Chicago; Director C. S. Havens of the Physical Plant; Mr. C. E. Flynn, Assistant to the President and Director of Public Information; Mr. James J. Costello, Legal Counsel; Mr. Earl W. Porter, Assistant to the President and Associate Secretary to the Board; Mr. Vernon L. Kretschmer, Associate Director of the Physical Plant; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and the officers of the Board, Mr. R. R. Manchester, Treasurer; Mr. H. O. Farber, Comptroller; 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.

#### PRESIDENT'S REPORT

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

#### AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

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

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
THOMAS OWEN BEYER	Milwaukee, Wisconsin	Wisconsin
CHARLES PHILLIP BRALY	Edwardsville, Illinois	Texas
RICHARD ANTHONY FARRELL	Carlyle, Illinois	Missouri
ALLAN SEYMOUR ROSENBAUM	Champaign, Illinois	Colorado
CHARLES FREDERICK WILLIAMS	Bridgeton, Missouri	District of Columbia

I concur.

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

#### APPOINTMENTS TO THE FACULTY

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

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A— indefinite tenure; B—two years; D—one year; E—nine months from the beginning of the academic year; G—special tenure; Y—twelve months' service required instead of two semesters.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

1. FRANK L. AUMACK, Assistant Professor of Psychology (Urbana), on one-third time, for the first semester 1965-66, at a salary of \$2,000 (D33).
2. ROBERT C. BERRY, Visiting Assistant Professor of Law (Urbana), for the second semester 1965-66, at a salary of \$7,000 (E).
3. PAUL P. BOSWELL, Assistant Professor of Health Science and Staff Physician Health Service (Chicago Circle), on one-half time, beginning September 1, 1965, at an annual salary of \$7,000 (BY50).
4. RICHARD P. BURNS, Assistant Professor of Chemistry (Chicago Circle), beginning September 1, 1965, at an annual salary of \$8,300 (D).
5. AUDLEY F. CONNOR, JR., Assistant Professor of Health Science and Staff Physician, Health Service (Chicago Circle), on one-half time, beginning September 1, 1965, at an annual salary of \$7,000 (BY50).
6. ERNST A. EBBINGHAUS, Visiting Professor of Germanic Languages and Literatures (Urbana), for the second semester 1965-66, at a salary of \$9,400 (E).
7. JAN V. GARWICK, Visiting Professor of Computer Science (Urbana), for one month from March 16, 1966, at a salary of \$1,500 (G).
8. GORDON L. JOHNSON, Visiting Assistant Professor of Biological Sciences (Chicago Circle), beginning September 1, 1965, at an annual salary of \$7,000 (D).
9. LAUREL E. KEITH, Clinical Assistant Professor of Pediatrics, College of Medicine, beginning September 1, 1965, without salary (DY).
10. MARTIN M. MEYER, JR., Assistant Professor of Nursery Management, in the Department of Horticulture (Urbana), beginning November 1, 1965, at an annual salary of \$9,600 (DY).

11. MYRON B. SALAMON, Assistant Professor of Physics (Urbana), beginning September 1, 1966, at an annual salary of \$9,000 (D).
12. GJALT K. VAN DER HEM, Research Assistant Professor of Medicine, College of Medicine, beginning October 15, 1965, at an annual salary of \$10,000 (DY).
13. MICHAEL WORTIS, Research Assistant Professor of Physics (Urbana), beginning February 1, 1966, at an annual salary of \$10,800 (DY).
14. ROBERT S. WYER, JR., Assistant Professor of Psychology (Chicago Circle), beginning September 1, 1965, at an annual salary of \$9,200 (B).

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

#### OFFICE OF ADMISSIONS AND RECORDS

(3) On April 23, 1965, the Board of Trustees approved reorganization of the Office of Admissions and Records, including an amendment of Section 47 (a) of the University of Illinois Statutes, which was subsequently referred to the three Senates for advice before becoming effective, in accordance with statutory procedure.

The Medical Center and Chicago Circle Senates concurred in the proposed amendment. The Urbana-Champaign Senate has now concurred in the proposed revision of Section 47 (a) subject to a change which its Committee on Educational Policy has recommended in the interest of clarification, and proposes that Section 47 (a) be revised to read as follows (the changes proposed by the Urbana-Champaign Senate are indicated by italics):

(a) The University Dean of Admissions and Records shall be appointed biennially by the Board of Trustees on the nomination of the President. He shall be administratively responsible to the Executive Vice-President and Provost. *Subject to the provisions of Section 6 (g) of these Statutes*, he shall be responsible, in consultation with the chief educational officer at each campus and the Senate committees concerned, for the formulation and recommendation of all-University policies relating to admissions, student records, undergraduate scholarships, and relations with high schools and colleges. He shall also be responsible for the coordination of the activities conducted by the Office of Admissions and Records at the several campuses, and for evaluative studies related to these activities.

Section 47 (b) as approved by the Board remains unchanged:

(b) A Director of Admissions and Records shall be appointed biennially by the Board of Trustees for each campus of the University, on the nomination of the President. Each Director of Admissions and Records will be administratively responsible to the chief educational officer at his campus. He shall communicate with prospective students, pass upon credentials of students entering the colleges, schools, and divisions, supervise their entrance examinations, have charge of matriculation and registration, and be the official custodian of all academic records. He shall conduct appropriate programs of articulation with high schools and colleges. The Director of Admissions and Records shall also assess tuition and fees and keep detailed records of all tuition and other fees of students and report them to the Vice-President and Comptroller for collection.

The Senate Coordinating Council, which is representative of the three Senates, has advised that it is of the opinion that the amendment proposed by the Urbana-Champaign Senate does not change the substance of the revised version of Section 47 (a) as approved by the Chicago Circle and Medical Center Senates and, therefore, further consultation with the other two Senates is not indicated except to inform them of the action taken.

I recommend approval of the revision as amended.

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

#### APPLICATION FOR GRANT FUNDS UNDER TITLE OF THE HIGHER EDUCATION FACILITIES ACT OF 1963

(4) Under the Higher Education Facilities Act of 1963, the United States Commissioner of Education is authorized to grant funds for the construction, rehabilitation, and improvement of academic and related facilities. Recent changes in the requirements of the Department of Health, Education, and Welfare for the sub-

mission of applications for grants under the Act necessitate the adoption of a formal resolution by the Board authorizing the filing of applications and designating the person to act on behalf of the University in connection therewith. Accordingly, it is recommended that the Board of Trustees adopt the following resolution authorizing the filing of an application for a grant under the Higher Education Facilities Act of 1963, and designating H. O. Farber, Comptroller of the Board, as the officer authorized to file the same on behalf of the University thereunder.

**Resolution Authorizing the Filing of Applications for Grant Funds  
Under Title I of the Higher Education Facilities Act of 1963**

*Approved November 18, 1965*

WHEREAS, the U.S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for a grant under the aforementioned act for the project described as follows:

Construction of Phase II Addition to Science and Engineering Laboratories on Chicago Circle Campus;

Now, therefore, be it resolved, that an application for the project described above is authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said board, applying the criteria of the State plan, said application received priority rating sufficiently high to receive grant funds under the aforementioned act, said application will be forwarded to the U. S. Commissioner of Education for consideration for his approval; and be it further

Resolved, that The Board of Trustees of the University of Illinois designates H. O. Farber, Comptroller, as the officer authorized to file the applications and act as the representative of this Board in connection with said applications.

On motion of Mrs. Watkins, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

**APPROPRIATIONS FOR NONRECURRING EXPENDITURES**

(5) The Committee on Nonrecurring Appropriations, the Executive Vice-President and Provost, and the Vice-President and Comptroller recommend the following appropriations from:

*University General Reserve*

**URBANA-CHAMPAIGN**

**College of Liberal Arts and Sciences**

Department of Chemistry and Chemical Engineering, equipment for East Chemistry Addition.....	\$150 000
School of Life Sciences, equipment for Morrill Hall Addition.....	125 000
Renovation and remodeling for which funds are assigned to the Physical Plant Department	
Erection of and utilities for five United States Department of Agriculture greenhouses at the Horticulture Field Laboratory.....	21 800
Construction of an incinerator unit at the Veterinary Medicine Research Farm.....	19 500
Correction of the heating, ventilating, and air conditioning system in the Armory.....	36 936
<i>Total for Urbana-Champaign.....</i>	<i>(353 236)</i>

## CHICAGO CIRCLE

College of Liberal Arts and Sciences

Department of Chemistry, equipment..... 65 000

Office of the Vice-President

Central Duplicating Service, equipment..... 13 600

*Total for Chicago Circle*..... (78 600)

## MEDICAL CENTER

Executive Vice-President and Provost, remodeling in the East Dentistry-Medicine-Pharmacy Building for Statistical Service.....

10 500

College of Pharmacy, remodeling in the East Dentistry-Medicine-Pharmacy Building.....

19 000

*Total for Medical Center*..... (29 500)*Total from General Reserve*..... \$461 336*Contract Research Reserve*

## URBANA-CHAMPAIGN

College of Engineering

Department of Electrical Engineering, equipment..... 20 000

## CHICAGO CIRCLE

College of Liberal Arts and Sciences

Department of Chemistry, equipment..... 50 000

College of Engineering

Department of Physics, equipment..... 23 600

*Total for Chicago Circle*..... (73 600)*Total from Contract Research Reserve*..... \$ 93 600*Grand Total*..... \$554 936

I concur.

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

**APPROPRIATION BY ATHLETIC ASSOCIATION**

(6) The Board of Directors of the Athletic Association has approved an appropriation of \$20,000 for the planting of approximately 200 trees at the new eighteen-hole golf course. Confirmation of this appropriation is requested.

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

**CONTRACT FOR EXTENSION OF STEAM SERVICE  
TO DIGITAL COMPUTER**

(7) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$29,950 to M. J. Holleran, Inc., Chicago, the lowest bidder, for installation of underground piping for the extension of steam service to the Digital Computer Building, second addition.

Funds are available in the project budget.

I concur.

On motion of Mr. Swain, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

**ADDITION TO CONTRACT FOR CONSTRUCTION OF  
MORRILL HALL ADDITION**

(8) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$28,898.94, and an extension of the completion time by twenty days, in the contract with Felmley-Dickerson Co., Urbana, Illinois, for

construction of Morrill Hall Addition. The work includes the furnishing and installation of additional laboratory equipment and fume hoods and changes in laboratory equipment originally specified, and extensions and increasing the capacity of ventilating systems.

These changes are requested by the Director of the School of Life Sciences in order to provide additional facilities for research work.

Funds are available in the construction budget for this building.

I concur.

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

#### **ADDITION TO CONTRACT FOR ARCHITECTURAL SERVICES FOR REMODELING AT CHICAGO CIRCLE**

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend a change in the contract with Fugard, Burt, Wilkinson & Orth, Chicago, for architectural services for remodeling the former Central National Bank Building at Chicago Circle to include complete architectural services for remodeling the former Illinois Eye and Ear Infirmary buildings recently acquired by the University from the Department of Children and Family Services of the State of Illinois. The firm will be reimbursed in accordance with the terms of the original contract, i.e., on the basis of time card costs of services of professional personnel plus 150 per cent for overhead and commission, provided that the maximum fee will not exceed 10 per cent of the cost of construction.

Funds are available in the state capital appropriations to the University for 1965-67 and from contract research reserves.

I concur.

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

#### **ARGONNE UNIVERSITIES ASSOCIATION**

(10) The Board of Trustees has authorized the participation of the University of Illinois in the organization of a new corporation of universities in the Midwest to be known as the Argonne Universities Association, the purpose of which is stated in the Founders Agreement executed by "Signatory Universities":

Each Signatory University recognizes (i) that it shares a mutual responsibility for cooperating with other persons, agencies and institutions in order to stimulate scientific and technological advancement in the Midwest community and in the nation and for promoting the maximum scientific progress and engineering development made possible by public funds and facilities, and (ii) that this responsibility can be furthered by continued emphasis on recruiting and retaining on the staff of the Argonne National Laboratory the most competent and creative administrators, scientists and engineers available, by affording such staff full assistance and support and by making the facilities of the Laboratory broadly available to the scientific community of the Midwest and the nation.

The Argonne Universities Association has been incorporated under the General Not-for-Profit Corporation Act of the State of Illinois. The Founders Agreement has been executed by the University of Illinois as a "Signatory University." An executed counterpart of the Agreement, along with the Articles of Incorporation, has been filed with the Secretary of the Board, and a copy is being included with the record of today's meeting. Copies are also being supplied to the members of the Board of Trustees.

This report was received for record.

#### **PURCHASES**

(11) The President submitted a report of purchases authorized by his office, on recommendation of the Director of Purchases and the Vice-President and Comptroller. He also presented a list of purchases recommended by him.

The reports of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional



funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

*From Appropriated Funds*

Purchases Recommended ..... \$ 21 743 39

*From Institutional Funds*

Purchases Authorized ..... \$ 8 344 90

Purchases Recommended ..... 380 277 07

\$388 621 97

*Grand Total* ..... \$410 365 36

A complete list of the purchases authorized and purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Johnston, the purchases authorized by the President were approved, and the purchases recommended were authorized.

#### COMPTROLLER'S REPORT OF PURCHASES APPROVED

(12) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary.

This report was received for record.

#### QUARTERLY REPORT OF THE COMPTROLLER

(13) The Comptroller presented his quarterly report to the Board as of September 30, 1965.

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

#### COMPTROLLER'S REPORT OF CONTRACTS

(14) The Comptroller's report of contracts executed during the period October 1 through 31, 1965.

##### New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
National Aeronautics and Space Administration NGR 14-005-048	Transient thermal modeling of spacecraft	\$ 44 693 00
North Country Library System	Library research and reference resources in the North country area of New York State	12 250 00
Purdue Research Foundation (subcontract with Agency for International Development) AID/csd-840	Analytical study of AID university projects in agricultural education and research in less developed countries	107 104 00
State of Illinois Department of Mental Health 17-224	A study of children's adaptation and the problem of mental illness in the classrooms of a small urban community	59 053 00
United States Air Force AF 29(601)-6850	Development of indices relating the physical properties and engineering behavior of rock	77 206 00
United States Army:		
DA-28-043-AMC-01710(E)	Prepare Lunar Faraday Rotation Atlas	7 699 00
DA-44-009-AMC-1338(X)	Mono versus stereo analytical photogrammetry	20 477 00
DA-49-193-MD-2813	Immunopathology and autoimmunity in malaria and other hemosporidian infections	24 069 00
United States Department of Health, Education, and Welfare OE-5-14-059	Reference grammar of Kashmiri	33 847 00
<i>Total</i>		<u>\$386 398 00</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
State University of Iowa (subcontract with United States Office of Education) OE-5-85-038	Practical nursing study	\$ 18 596 00
Swanson Asphalt Company, Inc.	Bituminous paving for parking lot B-2, Medical Center Campus	5 449 30
Fred Waring's Pennsylvanians, Inc.	Concert	5 000 00
<i>Total</i>		<u>\$ 29 045 00</u>

**Contract Changes**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
American Society of Heating, Refrigerating, and Air Conditioning Engineers, Incorporated	Steam and condensate flow in pipes	\$ 3 000 00
Amsted Research Laboratories	Properties of refractories as related to service in a steel pressure casting process	30 000 00
National Aeronautics and Space Administration NsG 434	Line integrals, surface integrals, volumes, cen- troids, and moments of inertia for a class of shells of revolution and for a larger class of shells	33 703 00
National Sand and Gravel Association	Site development problems relating to sand and gravel pit operations	9 000 00
United States Air Force: AF 30(602)-3325 AF 33(615)-1695	Clean surface studies on semiconductors Anelastic measurements of point defects	40 000 00 8 991 00
United States Army DA-49-193-MD-2060	Interpersonal and psychological adjustment of group members	41 686 00
United States Atomic Energy Commission AT(11-1)-314	Synthesis of boron-containing dyes suitable for use in vivo experiments on mice with glioblastoma tumors	10 000 00
United States Navy Nonr-1834(15)	Digital computer components research	40 000 00
<i>Total</i>		<u>\$216 380 00</u>

**Contract Change Orders**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Downtown Electric Company	Electrical: East Chemistry Building	\$ 3 350 00
Dean Evans Company	General: Altgeld Hall East Chemistry Building Library	4 500 00 9 000 00 4 500 00
Reliable Plumbing and Heating Company	Heating and ventilating: East Chemistry Building Lincoln Hall	4 600 00 3 743 00
John F. Sweetnam and Spangler, Beall, Salogga and Bradley	Architectural services: Addition to Women's Gymnasium	8 000 00
Thomas Plumbing and Heating Company	Plumbing: East Chemistry Building	4 150 00
<i>Total</i>		<u>\$ 41 843 00</u>

**Summary**

Amount to be paid to the University.....	\$602 778 00
Amount to be paid by the University.....	\$ 70 888 00

This report was received for record.

**INVESTMENT REPORT****Report of the Comptroller**

(15) The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of September, 1965:

**Current Funds****Art Objects****Purchase**

\$39 000 U. S. Treasury bills due 12/16/65..... \$ 38 641 31



## Restricted Group

## Purchase

\$1 500 000	U. S. Treasury bills due 9/30/65.....	\$1 498 416 66
1 000 000	Ford Motor Credit Company notes due 12/30/65.....	988 076 39
2 000 000	First National Bank of Chicago notes due 2/1/66.....	2 000 000 00
1 000 000	First National Bank of Chicago notes due 3/31/66.....	1 000 000 00

## Construction Funds

## Assembly Hall

## Purchase

\$ 10 000	U. S. Treasury bills due 10/28/65.....	\$ 9 964 58
10 000	U. S. Treasury bills due 11/26/65.....	9 933 50
175 000	U. S. Treasury bills due 3/24/66.....	171 392 57

## Center for the Performing Arts

## Purchase

\$182 500	Farmers Home Administration USA-insured 4½ per cent notes with a five-year repurchase agreement.....	\$ 182 500 00
-----------	--	---------------

## Florida Avenue Residence Halls

## Sale

\$270 000	U. S. Treasury bills due 10/14/65.....	\$ 269 234 55
-----------	--	---------------

## Graduate Housing No. 3

## Sale

\$25 000	U. S. Treasury bills due 10/14/65.....	\$ 24 962 57
----------	--	--------------

## Illini Union and Health Center

## Purchase

\$ 7 000	U. S. Treasury bills due 12/23/65.....	\$ 6 931 23
----------	--	-------------

## Illinois Street Residence Halls

## Purchase

\$25 000	U. S. Treasury bills due 10/28/65.....	\$ 24 910 28
25 000	U. S. Treasury bills due 11/26/65.....	24 831 13
25 000	U. S. Treasury bills due 12/23/65.....	24 754 38
35 000	U. S. Treasury bills due 1/27/66.....	34 515 10

## Orchard Downs Addition

## Sale

\$30 000	U. S. Treasury bills due 10/28/65.....	\$ 29 909 00
30 000	U. S. Treasury bills due 11/26/65.....	29 811 43

## Purchase

\$30 000	U. S. Treasury bills due 10/28/65.....	\$ 29 891 77
30 000	U. S. Treasury bills due 11/26/65.....	29 796 30
29 000	U. S. Treasury bills due 12/23/65.....	28 655 08
40 000	U. S. Treasury bills due 3/24/66.....	39 173 43

## Student Services

## Purchase

\$13 000	U. S. Treasury bills due 12/23/65.....	\$ 12 872 93
----------	--	--------------

## Sinking Funds

## Assembly Hall

## Purchase

\$340 000	U. S. Treasury bills due 8/31/66.....	\$ 326 795 72
-----------	---------------------------------------	---------------

## Student Services

## Purchase

\$23 000	U. S. Treasury bills due 9/30/65.....	\$ 22 938 93
----------	---------------------------------------	--------------

This report was received for record.

## PROGRAM IN RELIGIOUS STUDIES

A recommendation from the faculty of the College of Liberal Arts and Sciences and the Urbana-Champaign Senate for the establishment, effective September 1, 1966, of an interdepartmental program in reli-

gious studies, was presented to the Board of Trustees on July 21, 1965, with the concurrence of the President of the University:

"The action [of the College faculty and the Senate] is based upon the view that the study of religious phenomena and of the vital contribution of religion to man's culture merits a high place in contemporary education and scholarship. The College faculty has concluded that proper and just treatment of religious studies can best be given by incorporating these studies fully into the various curricula of the University, with courses offered in full equality with other courses. Two new courses, in Old Testament History and Literature and in New Testament History and Literature, must be offered before the program can be established. With these two courses, existing course offerings are sufficient to provide more than forty hours of options for a minor.

"The College faculty believes that the program should be developed beyond the minimum program here proposed. To achieve this objective will require the appointment of a program chairman who, with a committee of representatives of participating departments, will have the responsibility of formulating future plans. The appointment of two specialists in biblical history and literature will also be required.

"The Senate Coordinating Council has advised that no other Senate jurisdiction is involved.

"I recommend approval subject to further action by the Board of Higher Education."

"[The interdepartmental program in religious studies will be in existence and will be established when (a) a course in Old Testament History and Literature and a course in New Testament History and Literature are a part of the regular course offerings; (b) an undergraduate minor to be selected from courses totaling at least forty hours is a part of the regular course offerings; (c) a permanent chairman of the program has been appointed and is in charge of the courses and their instruction; the chairmanship need not be a full-time appointment, but the chairman is to be the coordinator of the program and the administrative head of its instruction. The program set forth above is a minimum program, and the chairman of the program and a committee composed of representatives from the participating departments are jointly charged with the responsibility for further development of the program.]"

Action on the foregoing recommendation was deferred at the request of Mr. Irving Dilliard who asked for additional information in answer to certain specific questions which he raised. The information requested was subsequently sent to all members of the Board.

The recommendation was resubmitted to the Board of Trustees at its meeting on October 20, 1965. Mr. Earl M. Hughes moved that the recommendation be approved.

Prior to action on this motion, Mr. Dilliard read a prepared statement which he requested be included in the record of the meeting of October 20.

Following Mr. Dilliard's presentation, on motion of Mr. Pogue, the matter was tabled until the next meeting of the Board. Hence, it is again before the Board today (November 18, 1965) as an item of continuing business.

On motion of Mrs. Watkins, the proposed program in religious studies was referred to the Committee on General Policy for consideration and advice to the Board.

#### REPORTS AND RECOMMENDATIONS FROM THE PRESIDENT OF THE BOARD FUTURE BOARD MEETINGS

President Clement announced that, as previously determined by the Board, the next two meetings would be held on December 15, 1965, at

Chicago Circle, and on January 19, 1966, in Springfield, according to schedules and at places to be determined by the President and Secretary of the Board.

President Clement suggested that consideration be given to holding the meeting for February 16, 1966, on the Medical Center campus.

Mr. Manchester invited the Trustees to hold this meeting at the First National Bank of Chicago, and to be guests of the Bank's officers at luncheon, since it will not be feasible to hold the December meeting at the Bank.

Following discussion of the alternatives, on motion of Mr. Swain, the Board voted to hold the meeting at the Medical Center and to accept the invitation of the officers of the First National Bank of Chicago to luncheon.

Mrs. Watkins presented the following:

#### MEMORIAL TO MARIE C. PLUMB

The Board of Trustees notes with sorrow the passing of Mrs. Marie C. Plumb, a former member of this Board, on October 4, 1965, in Fort Lauderdale, Florida.

Mrs. Plumb served as a member of The Board of Trustees of the University of Illinois from 1935 to 1941, and in 1962 she received the Trustee-Emeritus Award.

A civic leader in Chicago for some thirty years, dating back to 1915, Mrs. Plumb served as a member of the Cook County Board of Commissioners from 1930 to 1934, Secretary of the Adult Education Council from 1925 to 1930, Chairman of Organization in the Red Cross in Chicago from 1915 to 1919; and as a member of the Board of the Y.W.C.A. and of the Chicago Industrial Commission.

In 1945 Mrs. Plumb left Chicago where she had spent so many years in civic and social work to live in Florida.

The Board of Trustees records this memorial to a former colleague as a tribute to her lifetime of public service and expresses its deep sympathy to the members of her family.

This memorial was adopted by a rising vote.

#### SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; resignations and declinations; leaves of absence.

#### APPOINTMENTS MADE BY THE PRESIDENT

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

ANDERSON, FLOYD D., Instructor in Speech, academic year 1965-66, \$5,200 (10-5-65).

ARCHER, WILLIAM K., Research Assistant Professor in the Institute of Communications Research, 73 per cent time, \$8,000, and Assistant Professor of Anthropology, 27 per cent time, \$3,000, one year from September 1, 1965, total salary, \$11,000, supersedes (10-4-65).

ARDIS, MARK B., Professor of Psychology, academic year 1965-66, without salary (10-11-65).

ARONSON, JOAB K., Assistant Professor of Chemistry, Chicago Circle,  $\frac{2}{3}$  time, academic year 1965-66, \$4,800 (9-23-65).

BAKER, FOREST N., Research Associate in Dairy Science (S), eleven months from October 1, 1965, \$7,500 a year (10-11-65).

BANKS, EDWIN M., Associate Professor of Zoology, Department of Zoology,  $\frac{1}{2}$  time, \$4,170 a year, and Associate Professor of Zoology, Division of General Studies,  $\frac{2}{3}$  time, \$8,330 a year, indefinite tenure from September 1, 1965, academic year service basis, total salary, \$12,500 a year, supersedes (10-20-65).

- BARNARD, RUTH M., Instructor in Nursing, academic year 1965-66, \$7,000 (9-20-65).
- BAYM, MRS. NINA Z., Instructor in English,  $\frac{2}{3}$  time, academic year 1965-66, \$4,800 (10-8-65).
- BINNS, LOIS E., Associate Professor of Medical Social Work, College of Medicine, one year from September 1, 1965, \$11,500, supersedes (9-27-65).
- BOWMAN, RICHARD J., Television Coordinator, Department of Medical Illustration, Medical Center, one year from September 1, 1965, \$12,000 (10-4-65).
- BRADLEY, DEAN V., Instructor in Operative Dentistry, College of Dentistry, one year from September 1, 1965, \$8,000 (8-4-65).
- BROTHERS, WARREN H., Visiting Associate Professor of Mathematics, Chicago Circle,  $\frac{1}{3}$  time, academic year 1965-66, \$4,200 (9-27-65).
- BROWN, DANIEL M., Assistant Professor of Civil Engineering (C), two years from September 1, 1965, academic year service basis, \$8,100 a year (10-4-65).
- BRYANT, ROBERT H., Instructor in Materials Engineering, Chicago Circle,  $\frac{5}{6}$  time, academic year 1965-66, \$6,834, supersedes (10-1-65).
- BUTLER, LAWRENCE T., Assistant Coordinator-Student Employment, Department of Financial Aids, Chicago Circle, October 15, 1965-August 31, 1966, \$7,500 a year (9-24-65).
- CABATIT, BETSY R., Instructor in Nursing, academic year 1965-66, \$6,700 (9-20-65).
- CANNADY, ROBERT W., JR., Visiting Lecturer in French, College of Liberal Arts and Sciences, without salary, and Visiting Lecturer in Secondary and Continuing Education, nine months from September 16, 1965, \$11,000, supersedes (10-7-65).
- CHANG, ALBERT Y., Research Associate in Botany, September 20, 1965-August 31, 1966, \$7,000 a year (10-4-65).
- CORNELIUS, ELOISE H., Consultant, with the rank of Assistant Professor, in the Jane Addams Graduate School of Social Work, Chicago Circle, eleven months from October 1, 1965, \$10,500 a year, supersedes (10-15-65).
- CURRY, JULIA M., Instructor in Speech, Chicago Circle, academic year 1965-66, \$6,500 (9-22-65).
- DAVIS, CHARLES S., Clinical Instructor in Medicine, College of Medicine,  $\frac{1}{5}$  time, one year from September 1, 1965, \$1,600 (8-16-65).
- DAY, PHYLLIS M., Assistant Professor of Secondary and Continuing Education, College of Education,  $\frac{3}{4}$  time, \$6,600, and Assistant Professor of Physical Education for Women, College of Physical Education,  $\frac{1}{4}$  time, \$2,200, academic year 1965-66, total salary, \$8,800 (10-4-65).
- DENNING, ROBERT G., Research Associate in Chemistry, one year from September 1, 1965, \$7,800 (9-29-65).
- DICK, RICHARD I., Assistant Professor of Sanitary Engineering, Department of Civil Engineering (C), two years from September 1, 1965, academic year service basis, \$9,500 a year, supersedes (10-15-65).
- DRABLOS, CARROLL J. W., Assistant Professor of Agricultural Engineering (E), two years from September 1, 1965, \$10,400 a year (9-28-65).
- DRAPER, MRS. KATHLEEN T., Cataloger in the Library, with the rank of Instructor,  $\frac{1}{2}$  time, September 27, 1965-August 31, 1966, \$3,175 a year (10-7-65).
- DROWER, SARA R., Instructor in Biological Sciences, Chicago Circle,  $\frac{1}{2}$  time, academic year 1965-66, \$2,550, supersedes (10-1-65).
- EIKHOM, THOR S., Research Associate in Microbiology, one year from September 1, 1965, \$6,500 (9-20-65).
- EPPELSON, MRS. BERNICE R., Research Associate in Secondary and Continuing Education,  $\frac{1}{2}$  time, September 27, 1965-August 31, 1966, \$4,000 a year (10-19-65).
- FINNEGAN, RITA, Chief Medical Record Librarian and Director of Curriculum in Medical Record Administration, Medical Records Department, Research and Educational Hospitals, and School of Associated Medical Sciences, College of Medicine, one year from September 1, 1965, \$9,200 (9-24-65).
- FREEDMAN, MORRIS D., Research Associate in Electrical Engineering (C), one year from September 1, 1965, \$9,200 (10-5-65).
- FRENEY, JOHN R., Research Associate in Soil Chemistry, Department of Agronomy (S), nine months from October 1, 1965, \$5,200 (10-1-65).
- GARRISON, GUY G., Associate Professor of Library Science, indefinite tenure, and Director, Library Research Center, two years, Graduate School of Library Science, beginning September 1, 1965, \$11,500 a year, supersedes (10-4-65).

- GIBSON, DAVID T., Research Associate in the School of Life Sciences, eleven months from October 1, 1965, \$7,700 a year (10-20-65).
- GIBSON, RALPH L., JR., Assistant in Psychiatry, College of Medicine, one year from July 1, 1965, without salary (10-22-65).
- GIESEKKE, ERNST W., Research Associate in Chemistry, September 16, 1965-August 31, 1966, \$6,350 a year (9-23-65).
- GRAY, STANLEY E., Associate Professor of French, and Executive Secretary of the Department of French, indefinite tenure from September 1, 1965, academic year service basis, \$10,800 a year, supersedes (10-26-65).
- GRIFFIN, ROBERT S., Assistant Professor of Medicine, College of Medicine,  $\frac{2}{3}$  time, one year from September 1, 1965, \$3,150 (8-16-65).
- GRIFFITHS, JACK S., Consultant in Psychology, with the rank of Assistant Professor, academic year 1965-66, without salary (10-11-65).
- GRIMM, WOLFGANG, Research Associate in Chemistry, one year from September 1, 1965, \$7,000 (10-20-65).
- GRUBER, HOWARD S., Clinical Assistant in Pediatrics, College of Medicine, September 23, 1965-August 31, 1966, without salary (10-26-65).
- GUSFIELD, JOSEPH R., Professor of Sociology, College of Liberal Arts and Sciences,  $\frac{2}{3}$  time, \$12,900, and Professor of Sociology, Institute of Labor and Industrial Relations,  $\frac{1}{3}$  time, \$6,400, one year from September 1, 1965, total salary, \$19,300, supersedes (10-12-65).
- HARWOOD, THOMAS F., Lecturer in Pharmacy Administration, College of Pharmacy,  $\frac{1}{3}$  time, nine months from September 16, 1965, \$3,200 (9-20-65).
- HEADLEY, JOSEPH C., Associate Professor of Farm Management and Production Economics, Department of Agricultural Economics (S), ten months from November 1, 1965, \$13,700 a year, and Associate Professor of Farm Management and Production Economics, Department of Agricultural Economics (S), indefinite tenure from September 1, 1966, supersedes (10-15-65).
- HERZOG, MRS. RITA, Research Associate in Botany, academic year 1965-66, \$5,500 (9-23-65).
- HILL, STEVEN P., Assistant Professor of Russian, two years from September 1, 1965, academic year service basis, \$8,200 a year, supersedes (10-4-65).
- HOLT, ORVAL C., Research Associate in Vocational Agriculture (S), six months from October 1, 1965, \$4,000 (10-1-65).
- HOOK, JULIUS N., Professor of English, College of Liberal Arts and Sciences, 28 per cent time, indefinite tenure from September 1, 1965, academic year service basis, \$4,260 a year; Director of Curriculum Study Center in the Preparation of Secondary Teachers of English, 50 per cent time, academic year 1965-66, \$7,750; and Counselor on University Council on Teacher Education, College of Education, 22 per cent time, academic year 1965-66, \$3,490, total salary, \$15,500 a year, supersedes (10-12-65).
- HUGENHOLTZ, N. M., Visiting Research Professor of Physics (C), two months from October 1, 1965, \$3,000, supersedes (10-9-65).
- HUNTER, R. H. F., Research Associate in Animal Science (S), eight months from January 1, 1966, \$4,666.66 (10-11-65).
- IJAMS, KARL F., Assistant Director of Housing for Undergraduate Residence Halls,  $\frac{1}{2}$  time, \$5,100 a year, and Assistant Dean of Men,  $\frac{1}{2}$  time, \$5,100 a year, eleven months from October 1, 1965, total salary, \$10,200 a year; for the convenience of the University, he will also receive one meal a day; supersedes (10-22-65).
- INSELBERG, ALFRED, Research Assistant Professor of Biophysics, one year from September 1, 1965, \$11,560 (10-4-65).
- IZADPANAH, K., Research Associate in Plant Pathology (S), September 20, 1965-August 31, 1966, \$6,350 a year (10-1-65).
- JACOBSON, ALBERT S., Research Associate in Education, University High School, one year from September 1, 1965, without salary, to serve as Editor on the staff of the Mathematics Project, salary to be paid by D. C. Heath and Company (10-15-65).
- JANKE, ARTHUR E., Instructor in Russian,  $\frac{1}{3}$  time, academic year 1965-66, \$2,200 (9-27-65).
- JOHN, EDWARD J., Instructor in Fixed Partial Prosthodontics, College of Dentistry,  $\frac{3}{5}$  time, one year from September 1, 1965, \$4,600 (9-27-65).

- KARTZ, KENNETH L., Instructor in Geography, Chicago Circle, academic year 1965-66, \$5,200 (9-23-65).
- KAUFMAN, JEROME L., Visiting Associate Professor of Urban Planning, 12½ per cent time, nine months from September 16, 1965, \$1,500 (10-11-65).
- KELLEY, CORNELIA P., Associate Professor of English, ⅓ time, Semester I 1965-66, \$3,400 a year (10-4-65).
- KENYON, MICHAEL F., Visiting Lecturer in Journalism, 61 per cent time, \$6,100 a year, and Research Associate in the Institute of Communications Research, College of Journalism and Communications, 39 per cent time, \$3,900 a year, Semester I 1965-66, total salary, \$10,000 a year (8-16-65).
- KILBRIDGE, JEAN A., Research Associate in Preventive Medicine, College of Medicine, nine months from December 1, 1965, \$10,000 a year (10-15-65).
- KIM, SEDONG, Research Associate in Physics (C), November 16, 1965-August 31, 1966, \$9,000 a year (10-20-65).
- KLINE, HERBERT W., Instructor in Speech, academic year 1965-66, \$5,200 (10-5-65).
- KOFMAN, SYDNEY, Physician in the Health Service, Medical Center, ⅓ time, one year from September 1, 1965, \$2,800 (9-20-65).
- KOVERDAN, BASIL, Instructor in Russian, Semester I 1965-66, \$722.22 a month (11-2-65).
- KRAMER, CHERIS R., Instructor in Verbal Communication, Division of General Studies, academic year 1965-66, \$5,700 (10-1-65).
- KREROWICZ, WILLIAM A., Instructor in Electrical Engineering (C), academic year 1965-66, \$6,000, supersedes (10-6-65).
- KRIMMEL, EBERHARD F., Research Assistant Professor of Physics (C), one year from September 1, 1965, \$10,000, supersedes (10-4-65).
- LAPIDUS, LEW, Instructor in Russian, academic year 1965-66, \$7,000 (10-26-65).
- LAUFE, MARTIN B., Assistant Professor of Health Science, and Staff Psychiatrist, in the Health Service, Chicago Circle, ⅓ time, two years from September 1, 1965, \$10,200 a year (8-24-65).
- LEONE, PHILIP E., Instructor in Accounting, Chicago Circle, ⅓ time, three months from September 16, 1965, \$700 (10-7-65).
- LEVINE, MRS. ELIZABETH J., Assistant to Director, Institute of Labor and Industrial Relations, ½ time, September 15, 1965-August 31, 1966, \$4,250 a year (10-26-65).
- LEVINE, RAYMOND, Research Associate in Chemistry, September 16, 1965-August 31, 1966, \$8,400 a year (10-20-65).
- LIEM, KAREL F., Assistant Professor of Anatomy, College of Medicine, ⅔ time, eleven months from October 1, 1965, \$8,640 a year, supersedes (10-7-65).
- LO, MRS. SARA DE MUNDO, Bibliographer in the Library, with the rank of Instructor, ¾ time, one year from September 1, 1965, \$6,000 (10-15-65).
- LUKENS, SHIRLEY A., Instructor in Occupational Therapy, School of Associated Medical Sciences, College of Medicine, one year from September 1, 1965, \$7,400, supersedes (9-29-65).
- MACLAY, HOWARD S., Research Associate Professor in the Institute of Communications Research, College of Journalism and Communications, indefinite tenure from October 1, 1965, and Director of the Institute, October 1, 1965-August 31, 1967, \$14,500 a year (10-4-65).
- MADSEN, CHARLES H., JR., Research Assistant Professor of Psychology, College of Liberal Arts and Sciences, 79 per cent time, \$8,270, and Research Assistant Professor of Special Education, College of Education, 21 percent time, \$2,130, one year from September 1, 1965, total salary, \$10,400, supersedes (10-7-65).
- MARLIN, MRS. MARJORIE M., Instructor in Psychology, ⅔ time, academic year 1965-66, \$4,000, supersedes (10-22-65).
- MARTINI, LOUIS P., Staff Pharmacist, College of Pharmacy, eleven months from October 1, 1965, \$7,500 a year (10-7-65).
- MCGUGAN, RUTH E., Assistant Professor of English, two years from September 1, 1965, academic year service basis, \$8,200 a year (10-28-65).
- MCKEON, PETER R., Assistant Professor of History, Chicago Circle, two years from September 1, 1965, academic year service basis, \$8,200 a year (9-8-65).
- MERCHANT, FREDERICK J., Staff Pharmacist in Hospital Pharmacy, College of Pharmacy, ¼ time, one year from September 1, 1965, \$1,750; for the convenience of the University he will also receive room and board (9-15-65).



- MERTZ, MARVIN C., Visiting Lecturer in Physics, Chicago Circle, academic year 1965-66, \$9,500 (9-23-65).
- MILEWSKI, JOSEPH, Physician in the Health Service, Medical Center,  $\frac{1}{2}$  time, June 14-August 31, 1965, \$2,267 a year, supersedes (8-2-65).
- MILLER, LESTER H., JR., Associate Professor of Physical Education for Men, indefinite tenure from September 1, 1965, academic year service basis, \$10,200 a year, and Assistant to the Director of Athletics, Division of Physical Education, Chicago Circle, academic year 1965-66, \$1,200, total salary, \$11,400 a year (9-24-65).
- MITTAL, KAMAL K., Research Associate in Animal Science (S), eleven months from October 1, 1965, \$6,500 a year (10-4-65).
- MOLNAR, JANOS, Assistant Professor of Biological Chemistry, College of Medicine, two months from November 1, 1965, \$916.67 a month, supersedes (9-27-65).
- MORTARA, DAVID W., Research Associate in Physics (C), eleven months from October 1, 1965, \$8,600 a year (10-20-65).
- MUELLER, ROBERT E., Research Assistant in Medicine, College of Medicine, one year from July 1, 1965, without salary (10-18-65).
- MUKUNDA RAO, M., Research Associate in Electrical Engineering (C), September 16, 1965-August 31, 1966, \$8,000 a year (10-20-65).
- MYERS, KENNETH A., Instructor in Surgery, College of Medicine,  $\frac{3}{4}$  time, September 10, 1965-August 31, 1966, \$7,200 a year (9-27-65).
- NEALEY, MRS. VICKI G., Research Associate in the Jane Addams Graduate School of Social Work, eleven months from October 1, 1965, \$7,500 a year (10-8-65).
- NELSON, THEO, Physical Education Librarian, with the rank of Assistant Professor, one year from September 1, 1964, \$8,600, supersedes (7-15-65).
- OKA, MUNEO, Research Associate in Metallurgical Engineering (C), September 24, 1965-August 31, 1966, \$8,000 a year, supersedes (10-1-65).
- OSGOOD, CHARLES E., Research Professor in the Institute of Communications Research, College of Journalism and Communications, 55 percent time, \$11,660 a year, and Professor of Psychology, College of Liberal Arts and Sciences, 45 per cent time, \$9,540 a year, indefinite tenure from October 1, 1965, academic year service basis, total salary, \$21,200 a year, supersedes (10-12-65).
- PAK, MOON JAE, Research Associate in Biophysics, one year from September 1, 1965, \$8,000 (10-7-65).
- PARKER, ALFRED W., Research Associate in Physics (C), ten months from November 1, 1965, \$8,500 a year (10-11-65).
- PATLOGAN, MRS. SYLVIA, Instructor in French, Chicago Circle, academic year 1965-66, \$7,000 (9-27-65).
- PIAZZA, GIUSEPPE, Research Associate in Chemistry, two months from September 1, 1965, \$541.67 a month (10-1-65).
- POCHE, LYNN B., JR., Senior Research Engineer in Electrical Engineering (C), eleven months from October 1, 1965, \$12,000 a year (10-19-65).
- PORTER, JAMES W., Research Associate in Secondary and Continuing Education,  $\frac{1}{4}$  time, one year from September 1, 1965, \$2,125, supersedes (9-29-65).
- POWERS, RICHARD J., Instructor in Medicine, College of Medicine, 45/100 time, nine months from October 1, 1965, \$3,300 a year, supersedes (10-7-65).
- PUNDT, MRS. SHIRLEY L., Lecturer in Architecture, four months from September 1, 1965, \$3,000 (10-22-65).
- QUESTIAUX, LILLIAN, Instructor in Chemistry, Chicago Circle,  $\frac{1}{2}$  time, academic year 1965-66, \$3,050 (10-11-65).
- REED, GERALD M., Instructor in Fixed Partial Prosthodontics, College of Dentistry,  $\frac{3}{5}$  time, one year from September 1, 1965, \$4,600 (10-7-65).
- ROBERTSON, MRS. JANE, Instructor in Mathematics, 5/12 time, Semester I 1965-66, \$1,200 (10-8-65).
- RODRIGUEZ, OSCAR, Instructor in Spanish, Chicago Circle,  $\frac{2}{3}$  time, academic year 1965-66, \$3,700 (10-26-65).
- ROGERS, MRS. ELIZABETH P., Instructor in Inorganic Chemistry, academic year 1965-66, \$7,500 (10-15-65).
- ROWLANDS, ROBERT E., Research Associate in Theoretical and Applied Mechanics (C),  $\frac{1}{4}$  time, academic year 1965-66, \$1,400 (9-28-65).



- SAVIGNON, GABRIEL M., Assistant Professor of French, two years from September 1, 1965, academic year service basis, \$8,200 a year, supersedes (10-11-65).
- SCHMIDT, NORBERT O., Assistant Professor of Civil Engineering (C and S), two years from September 1, 1965, academic year service basis, \$8,500 a year, supersedes (10-11-65).
- SCHON, GERALD L., Instructor in Medical Social Work, College of Medicine, one year from September 1, 1965, \$9,000 (9-27-65).
- SCHWAB, PAUL J., Clinical Instructor in Psychiatry, College of Medicine,  $\frac{1}{4}$  time, one year from September 1, 1965, \$3,500 (7-27-65).
- SCOTT, MRS. BARBARA, Instructor in Family Relationships, Department of Home Economics (C),  $\frac{1}{2}$  time, academic year 1965-66, \$4,000 (10-11-65).
- SHAFFER, VIRGINIA F., Research Associate in the Institute for Research on Exceptional Children, one year from September 1, 1965, \$9,500 (10-5-65).
- SHATTUCK, MRS. SUSAN D., Research Associate in the Office of the Executive Vice-President and Provost,  $\frac{1}{2}$  time, five months from September 1, 1965, \$475 a month (9-30-65).
- SHIMAZU, HIROSHI, Research Associate in Pharmacology, College of Medicine, one year from September 1, 1965, \$10,000 (8-26-65).
- SHOEMAKER, ALAN K., Assistant Professor of Theoretical and Applied Mechanics (C), two years from September 1, 1965, academic year service basis, \$8,000 a year, supersedes (10-8-65).
- SIMER, PARKE H., Acting Head of the Department of Anatomy, College of Medicine, two months from November 1, 1965, \$300; this is in addition to his appointment as Professor of Anatomy, on indefinite tenure (10-15-65).
- SMALL, ERWIN, Associate Professor of Veterinary Clinical Medicine, College of Veterinary Medicine, indefinite tenure from October 1, 1965, \$14,000 a year, supersedes (9-27-65).
- SMITH, CEDRIC M., Professor of Pharmacology, College of Medicine, indefinite tenure, and Acting Head of the Department of Pharmacology, one year, from September 1, 1965, \$19,000 a year, supersedes (9-24-65).
- SMITH, MRS. ROZELLA B., Research Associate in Education, University High School, academic year 1965-66, \$5,400 (9-2-65).
- SOBRAL, MANOEL, JR., Assistant Professor of Electrical Engineering (C), 41 per cent time, \$4,700, and Assistant Professor in the Coordinated Science Laboratory (C), 59 per cent time, \$6,800, one year from September 1, 1965, total salary, \$11,500 (9-30-65).
- SOUTHWICK, HARRY W., Clinical Professor of Surgery, College of Medicine, 35/100 time, one year from September 1, 1965, \$5,000, supersedes his nonsalaried appointment (9-24-65).
- SPIKNER, JOHN E., Instructor in Chemistry, Chicago Circle,  $\frac{1}{2}$  time, academic year 1965-66, \$3,000 (10-11-65).
- STANASZEK, WALTER, Pharmacy Resident in Hospital Pharmacy, College of Pharmacy, one year from September 1, 1965, \$5,500 (10-7-65).
- STANLEY, MALCOLM M., Professor of Medicine, College of Medicine, indefinite tenure from September 1, 1965, \$24,250, supersedes (10-7-65).
- STARR, STUART, Instructor in Electrical Engineering (C), 19/100 time, academic year 1965-66, \$1,000, supersedes (10-6-65).
- STOLPE, MRS. VIRGINIA, Research Associate in Secondary and Continuing Education,  $\frac{1}{2}$  time, one year from September 1, 1965, \$3,000 (10-20-65).
- STUEBNER, ELAINE A., Clinical Associate Professor of Surgery, College of Medicine, indefinite tenure, without salary, and Associate Professor of Oral Surgery and Oral Diagnosis, College of Dentistry,  $\frac{3}{4}$  time, indefinite tenure, from September 1, 1965, \$8,100 a year, supersedes (10-4-65).
- SULLIVAN, DENIS G., Associate Professor of Political Science, indefinite tenure from October 1, 1965, academic year service basis, \$10,700 a year, supersedes (10-26-65).
- SWANDA, JOHN R., JR., Student Activities Adviser, Housing Division, 38/100 time, \$3,225, and Assistant Dean of Men, 37/100 time, \$3,225, eleven months from October 1, 1965, total salary, \$6,450 a year; for the convenience of the University, he will also receive one meal a day (10-22-65).
- SWARR, RALPH R., Clinical Counselor, with the rank of Assistant Professor, Student Counseling Service, eleven months from October 1, 1965, \$10,100 a year, supersedes (9-27-65).

- TALBERT, WILLIAM L., Instructor in Accounting, Chicago Circle, academic year 1965-66, \$8,000 (10-7-65).
- TALBOT, RICHARD C., Instructor in Oral Diagnosis, College of Dentistry,  $\frac{1}{2}$  time, academic year 1965-66, \$1,200 (9-24-65).
- TAO, JUNZO, Visiting Assistant Professor of Mathematics, nine months from September 16, 1965, \$8,000 (10-1-65).
- THOMPSON, ROBERT H., Research Associate in Secondary and Continuing Education, one year from September 1, 1965, \$11,000 (10-7-65).
- TOMASSON, RICHARD F., Assistant Professor of Sociology, in the Division of General Studies,  $\frac{3}{5}$  time, \$5,700 a year, and in the Department of Sociology,  $\frac{2}{5}$  time, \$3,800 a year, two years from September 1, 1965, academic year service basis, total salary, \$9,500 a year, supersedes (10-4-65).
- TUREK, BURTON S., Instructor in Pedodontics, College of Dentistry,  $\frac{1}{2}$  time, one year from September 1, 1965, \$4,000 (9-20-65).
- TUTTLE, PRESTON, Instructor in English,  $\frac{2}{3}$  time, academic year 1965-66, \$4,800 (10-4-65).
- ULANOWSKY, PAUL, Professor of Music,  $\frac{3}{5}$  time, indefinite tenure from September 1, 1965, academic year service basis, \$9,000 a year, supersedes (10-26-65).
- VAVRIK, SHARON A., Staff Pharmacist in Hospital Pharmacy, College of Pharmacy, August 23, 1965-August 31, 1966, \$7,500 a year (9-15-65).
- WATTS, EMILY S., Instructor in English,  $\frac{1}{3}$  time, academic year 1965-66, \$2,400 (10-1-65).
- WEDEKIND, GILBERT L., Research Associate in Mechanical Engineering (C),  $\frac{2}{3}$  time, Semester I 1965-66, \$2,000 (10-4-65).
- WELLS, MRS. JOANNE G., Cataloger in the Library, with the rank of Instructor,  $\frac{1}{2}$  time, September 20, 1965-August 31, 1966, \$3,175 a year (10-4-65).
- WHITMER, ROGER G., Lecturer in Architecture, Chicago Circle,  $\frac{1}{3}$  time, three months from September 16, 1965, \$1,000 (10-7-65).
- WIELAND, ANNA M., Research Associate in Preventive Medicine, College of Medicine, nine months from December 1, 1965, \$10,00 a year (10-15-65).
- WIGGINS, MRS. NANCY A., Assistant Professor of Psychology, College of Liberal Arts and Sciences,  $\frac{1}{3}$  time, \$2,700, and Research Assistant Professor in the Institute of Communications Research, College of Journalism and Communications,  $\frac{2}{3}$  time, \$5,400, academic year 1965-66, total salary, \$8,100 (10-4-65).
- WISEMAN, DOUGLAS E., Research Associate in the Children's Research Center, and assigned to the Institute for Research on Exceptional Children, College of Education, one year from September 1, 1965, \$11,000 (10-1-65).
- WOLFE, SHARON, Assistant Research Programmer, Department of Computer Science, Graduate College,  $\frac{3}{4}$  time, \$6,000, and Assistant Research Programmer, Institute of Communications Research, College of Journalism and Communications,  $\frac{1}{4}$  time, \$2,000, one year from September 1, 1965, total salary, \$8,000, supersedes (9-22-65).
- WYGACHIEWICZ, MRS. RHODA E., Cataloger in the Library, with the rank of Instructor, ten months from November 1, 1965, \$6,500 a year (10-20-65).

#### RESIGNATIONS AND DECLINATIONS

- BULMASH, JEROME M., Instructor in Microbiology (Medicine) — resignation effective October 31, 1965.
- CAMERON, GORDON R., Instructor in Psychology in Pediatrics (Medicine) — declination effective September 1, 1965.
- CHILLAG, JOAN, Instructor in English, Chicago Circle — resignation effective September 1, 1965.
- EHRMAN, JOHN R., Research Assistant Professor of Physics — declination effective September 1, 1965.
- KLATT, MELVIN J., Acquisition Librarian, with the rank of Assistant Professor of Library Administration, Chicago Circle — resignation effective December 1, 1965.
- MARQUARDT, WILLIAM C., Associate Professor of Veterinary Pathology and Hygiene — resignation effective March 1, 1966.
- PHELAN, J. F., Research Associate in Electrical Engineering — declination effective September 1, 1965.

- ORIKABE, EIJI, Research Associate in Psychiatry (Medicine) — resignation effective September 1, 1965.
- SGOUTAS, DEMETRIOS, Assistant Professor of Food Science — resignation effective October 1, 1965.
- VISCO, ERNEST J., Instructor in Periodontics in Applied Materia Medica and Therapeutics (Dentistry) — declination effective September 1, 1965.

#### LEAVES OF ABSENCE

- DURKIN, MARY D., Professor of Elementary Education — leave of absence on one-half time, without pay, academic year 1965-66, so that she may continue her research with pre-school readers and complete some writing in connection with it.
- NAGEL, STUART S., Associate Professor of Political Science — leave of absence, without pay, for Semester II 1965-66, so that he may accept a professional assignment on a project for the United States Senate Judiciary Committee.
- ROCKE, ARTHUR F. L., Senior Research Engineer in Electrical Engineering, Engineering Experiment Station — leave of absence, without pay, for one year from September 1, 1965.

#### RECESS AND EXECUTIVE SESSION

President Clement announced that an executive session has been requested and was being ordered for consideration of reports and recommendations relating to patentable inventions and to property acquisitions.

On motion of Mr. Johnston, the Board recessed.

When the Board reconvened in executive session, the same members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes. The Board considered the following business presented by the President of the University.

#### RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(16) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendations relating to patentable inventions.

1. Synthesis of self-propagating nucleic acid with enzyme — Solomon Spiegelman, Professor of Microbiology, and Ichiro Haruna, Research Assistant Professor of Microbiology, inventors; developed under grants from the National Science Foundation and the National Institutes of Health.

It appeared to the members of the Committee that two courses of action are possible at the present time, either of which has certain advantages:

(a) The University take an assignment from the inventors and through the office of the Legal Counsel proceed with the patent application already filed using the services of Merriam, Marshall, Shapiro, and Klose. If a patent issues, the University should make no effort for the present to exploit it commercially but would administer it solely in the public interest. The advantage of this arrangement is that there might be less possibility for criticism since the public image of the University is somewhat different from that of the Foundation which has generally been identified with commercial exploitation of patents.

(b) Release by the Board of Trustees of the rights of the University in this invention to the University of Illinois Foundation with the request that no steps be taken at present that could be construed as exploitation of the invention for financial gain and that no major step should be taken by the Foundation in the administration of the patent without prior consultation with the Board of Trustees. The advantage of this procedure is that the invention would be handled in the same manner as are other inventions by University staff. Additionally, it is conceivable that some commercial applications of the patent may be developed which would be compatible with the principles stated in the letter from the inventors and, in such

event, the licensing of that kind of application could be done more appropriately by the Foundation. If the patent does issue and the invention proves to be noteworthy, the Foundation would then also share in some of the credit that will accrue to the University.

The Vice-President and Comptroller and I recommend the second alternative (b), subject to approval by the Board of Trustees of any licensing arrangement proposed.

Following the past procedure of assigning to the Foundation all patentable discoveries would indicate the confidence of the University that the Foundation would carry out the instructions of the University. It is believed that the restrictions suggested by the Patent Committee will be acceptable to the Foundation.

It should be noted that this invention was developed with the assistance of grants from the National Science Foundation and the National Institutes of Health. Under the conditions of these grants the University has the sole right to determine the disposition of domestic patent rights. The government has the right to determine the disposition of foreign patent rights within a six-month period after being notified of the application for the patent. If the government does not exercise this right after the elapse of such period, the University has control of all domestic and foreign patent rights with a royalty-free nonexclusive license to any patent reserved to the Federal Government.

The following inventions have been examined by the University of Illinois Foundation and by University Patents, Inc., and those agencies are of the opinion that there is little possibility of commercial development. The Patent Committee concurs and recommends that they be released to the inventors or to the sponsoring governmental agencies if the inventors do not wish to file for a patent:

1. Polarity coincidence detector — Donald Lester Bitzer, Associate Professor of Electrical Engineering and Research Associate Professor in the Coordinated Science Laboratory; Wayne Elbert Carr, Research Assistant in the Coordinated Science Laboratory and an Assistant in Physics; and Manfred J. Raether, Associate Professor of Physics, inventors; developed under Contract Nos. DA-36-039-AMC-02208 (E) and DA-28-043-AMC-00073 (E).

The important features of this system are (1) the capability of using long integration times through the use of counting techniques; (2) the measurement yields the signal to noise ratio rather than the signal; (3) it is not necessary to know the phase of the signal with respect to the reference waveform; and (4) the system operates over a wide range of modulation frequencies.

2. Stepless variable speed reducer — Donald R. Daum, Assistant Professor of Agricultural Engineering, inventor. Unique operational features include the large range of speed reductions and the minimum output speed of zero available with stepless adjustment; the unit can be adjusted while operating.

3. Tire substitute — Uffe Hindhede, Research Assistant in Mechanical Engineering, inventor. A simulated tire containing a very large number of tiny steel springs.

The following cases were referred to the University of Illinois Foundation for study, and patent applications are being filed. Accordingly, it is recommended that the rights of the University be transferred to the University of Illinois Foundation subject to the rights of the sponsoring agency, when applicable:

1. Electrical slit and sinusoidal light chopper — Paul Handler, Professor of Physics and Electrical Engineering. This device performs two functions which formerly required two distinct units. It can be used in spectrophotometers to replace the mechanical chopper and mechanical slit. This device may be operated completely electrically.

2. Harmonic tone generator — James W. Beauchamp, Assistant Professor of Electrical Engineering, and William B. Ribbens of the Department of Electrical Engineering at the University of Michigan, inventors; developed under a grant from the Magnavox Company. This generator generates an electric signal in the form of a series of harmonically related sine tones called "harmonics" which are added together to produce a tone with complex periodic wave form.

I concur in these recommendations.

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

**PURCHASE OF PROPERTY AT 1011 WEST ILLINOIS STREET,  
URBANA, ILLINOIS**

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees request the University of Illinois Foundation to purchase the property at 1011 West Illinois Street, Urbana, Illinois, at a price of \$41,350, and lease the property to the University of Illinois at a rental rate adequate to pay the interest on a bank loan to the Foundation to finance the purchase until the University has funds for its acquisition. This property is required for future campus expansion east of the Krannert Center for the Performing Arts.

The property consists of a lot 65 feet on Illinois Street by 120 feet on Gregory Place (7800 square feet), and is improved with a two and one-half-story frame residence converted into four apartments. The property is adjacent to the Krannert Center for the Performing Arts.

I concur.

On motion of Mr. Williamson, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

**PURCHASE OF PROPERTY AT 908 SOUTH FIFTH STREET,  
CHAMPAIGN, ILLINOIS**

(18) The Board of Trustees has authorized the acquisition of the property at 908 South Fifth Street, Champaign, Illinois, which is required for a parking area, through condemnation proceedings or settlement of same at a price within University appraisals.

Through subsequent negotiations, and prior to filing suit, a price of \$46,500 has been agreed to, providing the owner has the right to remove certain plumbing fixtures and a space heater. This price is within the appraisals and is the lowest for which the property can be purchased without condemnation proceedings.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the property be purchased on the indicated terms from Housing Division funds.

I concur.

On motion of Mr. Johnston, the purchase of this property, at the price and on the terms indicated, was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

**PURCHASE OF PROPERTY AT 601 EAST DANIEL STREET,  
CHAMPAIGN, ILLINOIS**

(19) The Board of Trustees has authorized a request to the Illinois Building Authority to acquire, by condemnation proceedings, the properties at 601 East Daniel Street, 904-904½ South Sixth Street, 906 South Sixth Street, 908 South Sixth Street, all in Champaign, Illinois.

Subsequent negotiations with the owners of the property at 601 East Daniel Street, have resulted in their agreement to a price of \$43,200 which is within the appraisals received on the property. Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend the Illinois Building Authority be requested to purchase the property at a price of \$43,200.

I concur.

On motion of Mr. Swain, this recommendation was approved, and the resolution which appears below was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.



**Resolution Requesting Acquisition of Property at 601 East Daniel Street, Champaign, Illinois, by Illinois Building Authority**

*Be It, and It Hereby Is, Resolved* by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the ILLINOIS BUILDING AUTHORITY, a body corporate and politic of the State of Illinois, duly organized and existing pursuant to "An Act to Create the Illinois Building Authority and to define its powers and duties" approved August 15, 1961, as amended, be, and hereby is requested to acquire for this public corporation in accordance with the Illinois Building Authority Act, the property at 601 East Daniel Street, Champaign, Illinois, described as follows:

The West Half of the North Seventy-three (73) feet of Lot Four (4), in Block One (1), in A. T. Hall's Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign and State of Illinois, at a purchase price of Forty-three Thousand Two Hundred Dollars (\$43,200.00) and with title to be conveyed and possession delivered to the Illinois Building Authority not later than August 31, 1966.

*Be It, and It Hereby Is Further Resolved* that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized and directed, to execute in the name of, and on behalf of, this public corporation such lease agreement or other document or documents, and to secure and submit appraisals and such other documentation, as they may deem to be necessary or desirable in order to effectuate such conveyance of title to the Illinois Building Authority and to secure to this public corporation the beneficial use of said property.

**ACQUISITION OF PROPERTY AT 1110 WEST MAIN STREET, URBANA, ILLINOIS**

(20) The University has been negotiating with the owners of the property at 1110 West Main Street, Urbana, Illinois, which is adjacent to the WILL Television Studios and is required for expansion of the studios. The property consists of a lot 66 feet by 132 feet (8,712 square feet) and is improved with a two and one-half-story and basement frame dwelling used as a student rooming house. The owners have been advised that a recommendation would be submitted to the Board of Trustees for the purchase of their property at a price of \$50,000, based on University appraisals, but the owner's price is substantially higher than University appraisals.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend acquisition of the property by condemnation proceedings; and they further request authorization to settle the condemnation suit if settlement can be effected at a price that is within appraisals received by the University.

Funds are available in state capital appropriations to the University for the 1965-67 biennium.

I concur and request the adoption of the following resolution.

**Resolution Authorizing Condemnation of Property Located at 1110 West Main Street, Urbana, Illinois**

*Be It, and It Hereby Is Resolved, Found and Declared* by The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

Lot Eight (8) in Block Forty-four (44) of Seminary Addition to the City of Urbana, situated in the City of Urbana, in the County of Champaign, and State of Illinois; commonly known as 1110 West Main Street, Urbana, Illinois, is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, for use as a site for an addition to the WILL television studios, and for related educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use, that this Board of Trustees has negotiated with the owners of said land through their duly authorized representatives for the purchase of said land at a price which this

Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owner has refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price and continues to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

*Be It, and It Is Hereby Further Resolved, Found and Declared* by The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owners of said property and they and it are unable to agree upon the purchase price to be paid to said owners for the sale and conveyance of said land by said owners thereof to said The Board of Trustees of the University of Illinois; and

*Therefore, Be It, and It Is Hereby Further Resolved, Found and Declared* by The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owners thereof for such land cannot be agreed upon between them and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owners thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

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

On motion of Mr. Johnston, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

On motion of Mr. Swain, the Board adjourned.

A. J. JANATA  
*Secretary*

HOWARD W. CLEMENT  
*President*