

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

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**November 13, 1970**



The November meeting of The Board of Trustees of the University of Illinois was held in the Faculty Lounge of the Illini Union at Urbana, Illinois, on Friday, November 13, 1970, beginning at 9:30 a.m.

President Earl M. Hughes 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. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Russell W. Steger, Mr. Timothy W. Swain, Dr. Earl E. Walker, Mr. Theodore A. Jones, Governor Richard B. Ogilvie, Mr. Ray Page, and Mr. W. Clement Stone were absent.

Also present were President David D. Henry; Executive Vice President and Provost Lyle H. Lanier; Chancellor Joseph S. Begando, Medical Center campus; Chancellor J. W. Peltason, Urbana-Champaign campus; Chancellor Norman A. Parker, Chicago Circle campus; Dr. Eldon Johnson, Vice President; Mr. C. S. Havens, Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, University Counsel; Mr. George H. Bargh, Executive Assistant to the President; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Dr. Earl W. Porter, Secretary.

### MEETING RECESSED

On motion of Mr. Swain, the Board recessed for a meeting of the Committee on Buildings and Grounds to consider a recommendation concerning a married student housing project in Urbana and to hear from student, community, and other groups whom the Chancellor had invited to speak to the recommendation (copies of the statements of the presentations are filed with the Secretary of the Board and are a part of the minutes of the meeting of the Committee).

When the Board reconvened at 9:45 a.m., the same members and officers of the Board and officers of the University were present as recorded at the beginning of these minutes.

**BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY**  
The Board considered 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.

### REPORT OF DELIBERATIONS WITH BOARD OF HIGHER EDUCATION COMMITTEE N ON GOVERNANCE

President Henry also reviewed the work of Committee N of the Illinois Board of Higher Education and the several documents between the Committee and the University indicating that the documents had been printed in the most recent issue of the Faculty Letter, a copy of which has been filed with the Secretary of the Board.

### STATEMENT ON THE TUITION STUDY PRESENTLY BEFORE THE STATE OF ILLINOIS BOARD OF HIGHER EDUCATION

As a matter of information President Henry presented the following statement:

I wish to report to you my general observations related to the Illinois Board of Higher Education's discussion of tuition and fees.

The historical objective of the University of Illinois has been to keep the cost of education at the lowest level possible, in order to assure that qualified students not be deprived of educational opportunity for economic reasons. While the University recognizes the need to meet increased costs and new requirements for resources, it continues to maintain its traditional position that students should be directly assessed the lowest possible percentage of the instructional cost—consistent with the general public welfare and the equitable distribution of taxation for that purpose. Therefore I deplore the necessity for any tuition increase; but if an increase is unavoidable, I would urge that it be gradually instituted in a series of steps, thus providing time for those coming under heightened economic pressure to marshal the additional support necessary. In addition, it is particularly disconcerting to have the level of tuition in the state of uncertainty that has existed during these last few years. If the percentage of educational costs to be charged directly to the student is changed, again, such a change should be accomplished within a stable long-range policy. It is impossible to forecast economic developments, or foreclose future options, but some effort must be made to replace arbitrary estimates and alterations with relatively stable planning and policy.

At this time, further discussion is needed concerning the impact of higher tuition upon the institution, the students, and the state. It is certainly not in the interest of the State of Illinois to reduce unnecessarily its investment in higher education. Nor is it in the interest of needy students, for whom educational opportunities have developed only recently, to increase the cost of education without a guaranteed concomitant expansion of available scholarships and grants. Careful

study of the Illinois Board of Higher Education's Committee Report indicates an impact considerably greater than originally anticipated, and I would call the Board's attention to the necessity of avoiding any mismatch between tuition increases and the availability of financial aids. Additional resources must be provided to offset increased charges to economically disadvantaged students. Yet the report fails to deal adequately with the problem of equalizing educational opportunities, for it only "assumes" that the state would provide compensatory funding for such students. The Board of Higher Education disallowed the University of Illinois' request last year for funds to finance during the present fiscal year the Special Educational Opportunities Program, beyond tuition scholarship aid. This year our budget request for Fiscal Year 1972 calls for \$608,000 at Urbana and \$302,000 at the Medical Center for financial aid to needy students, which should actually be provided on a statewide basis. We were disappointed that the report did not deal with the Illinois State Scholarship Commission's limitation of support to tuition subsidy alone. Thus it enables "non-economically disadvantaged" students to attend private colleges and universities, but it restricts the potential for students from low-income families to attend college at all. Other students, whose families are hard pressed but not classified as disadvantaged, are neglected by a rigid stratification of the need factor. Those who are over 21 years of age, and cannot call upon family resources for a variety of reasons, experience, with the "near-disadvantaged," a severe limitation of educational opportunity whenever charges are increased, while their economic problems are ignored.

We are particularly concerned about the restrictive limitations upon tuition waivers for graduate teaching and research assistants. Limiting such waivers to two per cent of campus enrollment is far below the minimum requirement. The University cannot be certain that an offsetting appropriation to raise salary stipends will be forthcoming; and without such a step to avoid a net loss of income to the graduate student, the University will be placed at a serious disadvantage in maintaining the quality of its graduate and professional programs. Even an offsetting salary appropriation would carry an increased tax liability for many students, which would mean that the State of Illinois, while equalizing the student support level, would do so by making a substantially greater indirect federal tax contribution from its limited resources for higher education.

In this area as well the present Illinois State Scholarship Commission policies and funds limit accessibility to higher education, for the restrictions against support for post-baccalaureate graduate or professional study are even more repressive if other financial resources for advanced students are curtailed.

Most important, it is my understanding that the staff of the Board of Higher Education, recognizing these difficulties, is receptive to a policy of awarding tuition waivers to all University Civil Service employees, fellowship holders, and teaching and research assistants. Such a revision of their committee report would be a welcome and necessary step.

Task forces at the University are giving detailed attention to the points raised in this general context. Until the implications of each of these alternatives are analyzed and presented for public discussion, major changes in policy should not be made. The committee's recommendation before the Illinois Board of Higher Education for the severe reduction of tuition waivers would seriously damage graduate and professional education at the University of Illinois.

This statement will be transmitted immediately to the office of the State Board of Higher Education.

#### 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 Illinois Accountancy Act of 1943, as amended, to five 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. A list of the candidates is filed with the Secretary.

I concur.

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

**DEANSHIP OF THE SCHOOL OF PUBLIC HEALTH, MEDICAL CENTER**

(2) The Chancellor at the Medical Center campus has recommended the appointment of Dr. Paul Q. Peterson, presently Deputy Surgeon General, United States Public Health Service, as Professor of Public Health on indefinite tenure and Dean of the School of Public Health, beginning January 1, 1971,<sup>1</sup> on a twelve-month service basis, at an annual salary of \$35,000.

The proposal for the establishment of a School of Public Health was endorsed by the Board of Higher Education in Recommendation 33 in *Education in the Health Fields for State of Illinois* (June, 1968). Furthermore, funds in the amount of \$121,000 have been appropriated for use during the present fiscal year to meet the initial costs of the development of the School.

The Board of Trustees, on May 20, 1970, approved a set of specific proposals for the organization of the School of Public Health at the Medical Center campus, subject to formal confirmation of the plan by the Board of Higher Education. The Board of Trustees submitted the proposals to the Board of Higher Education on August 12, 1970. They have been recommended for approval by the Public Health Advisory Committee of the Health Education Commission. Dr. Peterson's appointment is proposed at this time in order to expedite the development of the School of Public Health and in order to take advantage of Dr. Peterson's early availability.

This recommendation is made with the advice of a consultative committee<sup>2</sup> and is supported by the Executive Vice President and Provost.

I concur.

On motion of Dr. Walker, this appointment was approved.

**DEANSHIP OF THE GRADUATE COLLEGE, CHICAGO CIRCLE**

(3) The Chancellor at the Chicago Circle campus has recommended the appointment of Dr. Jan Rócek, presently Acting Dean of the Graduate College and Professor of Chemistry on indefinite tenure, as Dean of the Graduate College effective December 1, 1970, on a twelve-months' service basis, at an annual salary of \$32,500.

Dr. Rócek will continue to hold the rank of Professor of Chemistry on indefinite tenure.

This recommendation is based on a report from a Consultative Committee<sup>3</sup> and follows consultation with the Executive Committee of the Graduate College and with the Deans' Council.

The Vice Chancellor and Dean of Faculties at Chicago Circle has approved this recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

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

**HEADSHIP OF THE DEPARTMENT OF GEOGRAPHY, CHICAGO CIRCLE**

(4) The Dean of the College of Liberal Arts and Sciences at the Chicago Circle campus has recommended the appointment of Clifford E. Tiedemann, presently Associate Professor and Acting Head of the Department of Geography, as Associate Professor of Geography on indefinite tenure and Head of the Department of Geography, beginning December 1, 1970, on an academic year service basis at an annual salary of \$18,500.

<sup>1</sup> This administrative appointment will be from January 1, 1971, through August 31, 1972, which is consistent with the statutory provision governing tenure for deans and directors.

<sup>2</sup> Irving Schulman, Chief of Pediatrics, University of Illinois Hospital, and Professor and Head, Department of Pediatrics, *Chairman*; Martin I. Blake, Professor and Head, Department of Pharmacy; Donald J. Caseley, Vice Chancellor; Lawrence Cohen, Professor and Head, Department of Oral Diagnosis; Jerome J. Hahn, Associate Professor of Medicine and Associate Dean in the Office of the Executive Dean, College of Medicine; Leon J. LeBeau, Associate Professor of Pathology in The Abraham Lincoln School of Medicine and Associate Professor of Microbiology in the School of Basic Medical Sciences; Edward A. Lichter, Associate Professor and Head, Department of Preventive Medicine and Community Health; Edward F. Lis, Professor of Pediatrics, Director of Division of Services for Crippled Children and Director, Center for Handicapped Children; Virginia M. Ohlson, Professor and Head, Department of Public Health Nursing, College of Nursing, and Professor of Preventive Medicine and Community Health in The Abraham Lincoln School of Medicine, College of Medicine; Melvin Sabshin, Professor and Head, Department of Psychiatry.

<sup>3</sup> Thomas H. Brown, Professor of Chemistry and Computer Science and Director of Computer Center, *Chairman*; Peter J. Coleman, Associate Professor of History; Robert R. Heitner, Professor and Head of Department of German; Van C. Morris, Professor and Dean of College of Education; Eliot B. Spiess, Professor of Biological Sciences; Harry S. Upshaw, Professor and Acting Head of Department of Psychology.

The nomination of Professor Tiedemann is supported by a consultative committee<sup>1</sup> and by the faculty of the Department of Geography. The Dean of the Graduate College, the Vice Chancellor and Dean of Faculties and the Chancellor recommend approval. The Executive Vice President and Provost endorses this recommendation.

I concur.

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

#### APPOINTMENTS TO THE FACULTY

(5) 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; P— indefinite term appointment for part-time service only; B— two years; D— one year; E— nine months from the beginning of the academic year; F— one-year appointment ending other than August 31; G— special tenure; Q— initial term appointment for a Professor or Associate Professor; T— terminal appointment, accompanied with or preceded by notice of non-reappointment; W— one-year appointment subject to special written agreement; Y— twelve months' service required instead of two semesters; X— percentages opposite X are for the academic year; full-time summer service is indicated by "S"; 1-7— indicates the number of years of service which will be credited at the end of the contract period toward completion of the probationary period relating to tenure.

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).

#### Chicago Circle

1. TUNIS H. DEKKER, Associate Dean of University Extension and Associate Professor of Adult Education in University Extension, on 60 per cent time, and Assistant to the Vice Chancellor, Chicago Circle, on 40 per cent time (QY60, DY40), beginning January 1, 1971, at an annual salary of \$23,000.
2. MICHAEL JAY LIEB, Associate Professor of English, beginning September 1, 1970 (A), at an annual salary of \$14,000.
3. DONALD M. MCINTYRE, Professor of Criminal Justice, beginning September 1, 1970, on one-third time (Q33), at an annual salary of \$7,000.
4. DOROTHY V. OLSEN, Assistant Professor of Education, beginning September 1, 1970 (1), at an annual salary of \$12,500.
5. ZUBAIR AHMAD SALEEM, Assistant Professor of Geological Sciences, beginning September 1, 1970 (1), at an annual salary of \$12,500.
6. TANIS H. SCHWARTZ, Assistant Professor of Education, beginning September 1, 1970, on three-fourths time (1Y75), at an annual salary of \$11,000.
7. SYLVIA J. VATUK, Assistant Professor of Anthropology, beginning September 1, 1970 (3), at an annual salary of \$13,000.

#### Medical Center

8. DANIEL F. ALBERTSON, Assistant Professor of Pathology and Biological Chemistry and Assistant Director of Hospital Laboratories, College of Medicine, beginning September 1, 1970 (1Y), at an annual salary of \$15,000.
9. SHELDON O. BURMAN, Professor of Surgery, The Abraham Lincoln School of Medicine, College of Medicine, beginning September 1, 1970, on one-fourth time (PY25), at a salary of \$9,000.
10. RICHARD A. MURPHY, Assistant Professor of Oral Diagnosis, College of Dentistry, beginning October 1, 1970 (1Y), at an annual salary of \$14,000.
11. ROBERT G. RANDOLPH, Assistant Professor of Fixed Partial Prosthodontics, College of Dentistry, beginning November 1, 1970, on 40 per cent time (DY40), at an annual salary of \$4,400.
12. THOMAS A. REDLIN, Assistant Professor of Surgery (Anesthesiology), The

<sup>1</sup> David M. Solzman, Associate Professor of Geology, *Chairman*; Edwin H. Draine, Associate Professor of Geography and Student Advisor, College of Liberal Arts and Sciences; James E. Landing, Associate Professor of Geography; Albert J. Larson, Assistant Professor of Geography; Richard M. Johnson, Professor and Head, Department of Political Science; Mildred A. Schwartz, Professor of Sociology.

Abraham Lincoln School of Medicine, College of Medicine, beginning September 1, 1970 (1Y), at an annual salary of \$25,000.

13. LAWRENCE T. TREMONTI, JR., Assistant Professor of Medicine, The Abraham Lincoln School of Medicine, beginning September 1, 1970 (1Y), at an annual salary of \$23,000.

#### Urbana-Champaign

14. JOHN H. BICKET, Assistant Professor and Assistant State Leader of Cooperative Extension, County Farm Extension in Agriculture, beginning October 1, 1970 (1Y), at an annual salary of \$17,500.
15. CHARLES O. HOPKINS, Associate Head, Aviation Research Laboratory, Institute of Aviation, Professor of Psychology and Professor of Aeronautical and Astronautical Engineering, beginning October 1, 1970 (DY, AY), at an annual salary of \$26,000.
16. VAYLORD D. LADWIG, Assistant Professor of Veterinary Continuing Education and Clinical Medicine, beginning October 15, 1970 (1Y), at an annual salary of \$17,000.
17. EDWARD W. LAKNER, Research Assistant Professor in Institute of Communications Research and Assistant Professor in Survey Research Center, beginning September 1, 1970 (1Y), at an annual salary of \$11,700.
18. ROBERT A. LEVY, Assistant Professor of Architecture, beginning September 1, 1970 (T), at an annual salary of \$9,500.
19. ELMO B. MERONEY, JR., Assistant Professor of Recreation and Park Administration, beginning September 1, 1970 (TY), at an annual salary of \$14,000.

#### Visiting Staff

20. DERRICK M. CHISHOLM, Visiting Associate Professor of Oral Pathology, College of Dentistry, Medical Center, for the period from October 1, 1970, through August 31, 1971 (DY), at an annual salary of \$16,500.
21. IRAJ DEHGHAN, Visiting Assistant Professor of Linguistics and Arabic, Urbana, for the academic year 1970-71 (D), at a salary of \$11,000.
22. NORMAN E. GRISWOLD, Visiting Associate Professor of Chemistry, Urbana, for the academic year 1970-71, on one-half time (D50), at a salary of \$6,500.
23. ODDVAR IDEN, Visiting Assistant Professor of Mathematics, Chicago Circle, for the academic year 1970-71 (E), at a salary of \$12,000.
24. SOTIRIOS KARELIOTIS, Visiting Assistant Professor of Civil Engineering and Visiting Assistant Professor in Water Resources Center, Graduate College, Urbana, for the academic year 1970-71 (E), at an annual salary of \$11,000.
25. ROBERT L. KIRK, George A. Miller Visiting Professor of Zoology, Urbana, for the academic year 1970-71 (E), at a salary of \$21,000.
26. ARTHUR L. LICHT, Visiting Assistant Professor of Physics, Chicago Circle, for the winter and spring quarters 1970-71 (E), at a salary of \$9,000.
27. ISIDRO LUCAS, Visiting Assistant Professor of Spanish, Italian and Portuguese, Chicago Circle, for the academic year 1970-71 (D), at a salary of \$11,000.
28. MICHAEL J. C. MARTIN, Visiting Professor of Business Administration, Urbana, for the second semester 1970-71 (E), at a salary of \$9,000.
29. JOSIP Z. SOLN, Visiting Assistant Professor of Physics, Chicago Circle, for the academic year 1970-71 (E), at a salary of \$11,300.
30. JEFFREY I. ZUCKER, Visiting Assistant Professor of Philosophy, Chicago Circle, for the academic year of 1970-71 (E), at an annual salary of \$11,500.

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

#### SABBATICAL LEAVE OF ABSENCE, 1970-71

(6) The Chancellor at Chicago Circle has recommended that the following faculty member be given a sabbatical leave of absence in accordance with the provisions of the University of Illinois *Statutes* and on the terms and for the period indicated.

#### *College of Liberal Arts and Sciences*

##### *Department of English*

KATHRYN H. CARLSON, Assistant Professor of English, winter quarter 1970-71, full pay; to make an analytical study of experimental courses in the teaching and evaluating of freshman composition in midwestern universities; work to be done in Illinois, Wisconsin, Iowa, Michigan, and Ohio.

This recommendation is supplementary to the applications recommended to the Board of Trustees on March 18, 1970.

I concur.

On motion of Mr. Grimes, this leave was granted as recommended.

#### **SPECIAL UNDERGRADUATE INSTRUCTIONAL AWARDS FOR PROJECTS COMPLETED DURING THE SUMMER OF 1970**

(7) At its meeting on March 18, 1970, the Board of Trustees approved a total of 23 projects, involving 28 individuals, for support during the summer of 1970 under the program of Undergraduate Instructional Awards. These awards provided a full-time salary for two months to the recipients for work on projects designed to improve the quality of undergraduate instruction.

Last fall the Standard Oil (Indiana) Foundation made available a total of \$8,000 for special awards for outstanding teaching by undergraduate faculty — \$6,000 for the teaching awards and \$2,000 to be deposited in the President's Contingency Fund. Of the \$6,000 given for the awards, \$2,000 was used for outstanding projects during the summer of 1969 and \$4,000 was reserved for projects during 1970. (A similar grant has recently been made to the University, and the sum of \$6,000 will be held for special awards for projects conducted during the summer of 1971.)

The chancellors at the Chicago Circle and the Urbana-Champaign campuses each appointed a special committee to review the reports submitted by the grantees following the completion of their projects last summer. The committees were asked to select the most meritorious projects for recommendation to their respective chancellors. In the light of these recommendations, a total of four proposals were submitted to the Executive Vice President and Provost for consideration (one from the Chicago Circle campus and three from the Urbana-Champaign campus). After reviewing the reports and the endorsements, the Executive Vice President and Provost recommends that special awards of \$1,000 be made for each of the following projects:

##### *Chicago Circle Campus*

DICK W. SIMPSON, Assistant Professor of Political Science: the development of the course Political Science 120 — The Study of Politics: Who Rules?

##### *Urbana-Champaign Campus*

KURT A. KLEIN, Associate Professor of Russian in the Department of Slavic Languages and Literatures: syllabus for a new course in Russian Civilization (Russian 114).

STANLEY G. SMITH, Associate Professor of Chemistry: preparation of computer-based teaching programs for undergraduate organic chemistry courses.

JOHN C. STUBBS, Associate Professor of English, and JOHN P. FRAYNE, Assistant Professor of English (award to be divided equally): development of the course "Film as Literature."

I concur.

On motion of Mr. Hahn, these awards were approved.

#### **HOSPITAL-MEDICAL-SURGICAL INSURANCE FOR FACULTY AND STAFF**

(8) The current faculty-staff health insurance contracts were approved by the Board of Trustees on June 17, 1968, and are underwritten by the Continental Assurance Company, Chicago. The contracts became effective October 1, 1968, and since that date there have been no changes in benefits or premiums.

The contract has an anniversary date of January 1, 1971, and the increased cost of medical care has resulted in the premiums being inadequate for claims incurred.

The insurance company's premium requirement to provide the same benefits for the calendar year 1971, with an inflationary allowance for the year predicated upon the experience of the past year, would result in a substantial increase in the premiums.

It is recommended that current contracts be continued for the six month period effective January 1, 1971, to July 1, 1971, with the following adjustments in premiums and benefits.

The benefits of the Low Option Plan will remain the same as the current contracts.

The benefits and the premium of the Medicare Supplemental Contract will remain the same as the current contract.

The benefits of the High Option Plan will remain the same with the following exception:

#### Change in High Option Dental Benefit

The current Dental Insurance benefit is included in the \$20,000 Major Medical provision which is paid on an 80/20 coinsurance basis with no specific limit on dental treatments except for orthodontic procedures which have a lifetime benefit of \$250 per person and are paid on a 50/50 coinsurance basis. The proposed Dental Benefit will reduce the payment from an 80/20 basis to a 50/50 basis for all procedures, and the maximum benefit for any one person would be \$500 during the six month period. The orthodontic benefit would remain the same.

#### Increase in Premiums

	Urbana Campus				Chicago Campus			
	Individual		Family		Individual		Family	
	Pro- posed	Current	Pro- posed	Current	Pro- posed	Current	Pro- posed	Current
<i>Low Option</i>								
Monthly Premium..	\$10 00	(\$ 6 40)	\$21 00	(\$16 47)	\$10 00	(\$ 6 96)	\$21 00	(\$17 87)
Less State Contribution.....	-5 00	(-3 20)	-5 00	(-5 00)	-5 00	(-3 48)	-5 00	(-5 00)
Net Cost to Staff Member.....	\$ 5 00	(\$ 3 20)	\$16 00	(\$11 47)	\$ 5 00	(\$ 3 48)	\$16 00	(\$12 87)
<i>High Option</i>								
Monthly Premium..	\$15 00	(\$10 43)	\$37 00	(\$29 65)	\$15 00	(\$11 25)	\$37 00	(\$31 01)
Less State Contribution.....	-5 00	(-5 00)	-5 00	(-5 00)	-5 00	(-5 00)	-5 00	(-5 00)
Net Cost to Staff Member.....	\$10 00	(\$ 5 43)	\$32 00	(\$24 65)	\$10 00	(\$ 6 25)	\$32 00	(\$26 01)
<i>Medicare Supplement</i>								
	\$ 5 10	(\$ 5 10)			\$ 5 10	(\$ 5 10)		

(The premiums include an allowance of 2 per cent for claims administration by the University.)

(The contracts will continue under an Experience Rating Plan, but the Company will reduce its retention of earned premium for administration from 4.0 per cent to 3.8 per cent for the period.)

A review of the current program and proposed contracts for January 1, 1971, has been conducted by an independent consulting firm, Middle West Service Company, Inc., Chicago. Based upon their report, the Vice President and Comptroller recommends the continuation of the current contracts on January 1, 1971, subject to the proposed changes.

I concur.

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

#### MARRIED STUDENT APARTMENT PROJECT, URBANA

(9) Pursuant to presentations and discussions at the March, 1969, meeting of the Board of Trustees, an analysis of the Champaign-Urbana housing market has been made, the impact of the University's growth and housing policies on that market has been studied, and some of the implications for University action have been determined.

Based on these studies, the Chancellor of the Urbana-Champaign campus, with the concurrence of appropriate administrative officers, has recommended the construction of 348 additional apartments and a laundry facility in the Orchard apartment area for married students.

It is anticipated that the project will cost approximately \$6,100,000, to be financed by the sale of housing revenue bonds and amortized from occupant rental charges. Student tuitions in the amount of \$175,000 per year would be pledged in support of this project. Under terms of the Housing Revenue Bond Resolution, approved December 17, 1958, under which bonds will be issued, the use of additional student tuitions in the amount of approximately \$960,000 would be required to fulfill the sinking fund reserve requirement in the first year after the completion



of the project. Thereafter, it is anticipated that no student tuition will be required for this project.

(The letter of recommendation from the Chancellor as well as reports prepared by the ad hoc Policy Committee on Community Housing Development and the Real Estate Research Corporation are being filed with the Secretary of the Board for record.)

I concur and recommend approval of the proposed project as a "non-instructional facility" by the Illinois Board of Higher Education, and, if approved by the Board of Higher Education, that approval of the General Assembly be sought pursuant to House Bill 1172 enacted by the Seventy-fifth General Assembly and that an application be submitted to the United States Department of Housing and Urban Development for a debt service grant.

I further recommend approval of the Chancellor's proposal that the University explore the feasibility of participating directly or indirectly in the formation of not-for-profit corporations and in conjunction with state and federal funding programs develop low and moderate income housing. Such explorations would include a search for ways and means of encouraging private interests to initiate and participate in such endeavors.

(The recommendation was reviewed by the Committee on Buildings and Grounds at the beginning of the November 13 meetings and was endorsed by the Committee.)

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain, Dr. Walker; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

#### **PHYSIOLOGY RESEARCH LABORATORY ADDITION, URBANA**

(10) The Animal Genetics Division of the Animal Science Department of the College of Agriculture is requesting an expansion to existing facilities by an addition to the Physiology Research Laboratory to provide for a research program on reproductive endocrinology. The total cost of the project is estimated to be approximately \$130,000. A Ford Foundation grant in the amount of \$118,000 has been received by the University for the construction of this facility. The balance of the funds required for this project is available in the Urbana campus Rehabilitation and Alterations account.

The President of the University, with the concurrence of appropriate administrative officers, recommends approval of this project, subject to approval of the project as a "non-instructional facility" by the State Board of Higher Education.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain, Dr. Walker; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

#### **CONTRACT FOR FOOD SERVICE EQUIPMENT FOR LEVIS FACULTY CENTER, URBANA**

(11) The President of the University, with the concurrence of appropriate administrative officers, recommends that the University of Illinois Foundation be requested to award a contract for purchase and installation of food service equipment for the Margaret H. and William E. Levis Faculty Center at the Urbana campus in the amount of \$179,577 to Foremost-McKesson, Inc., New York, New York, acting through its Foremost-McKesson Systems Division, the low bidder, on the base bid of \$199,462 less \$19,885, which represents the omission of certain units of equipment as provided for in the bid documents.

Funds will be provided by gifts available to the Foundation.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain, Dr. Walker; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

**CONTINUATION OF EMPLOYMENT OF ARCHITECT  
FOR ARCHITECTURAL SERVICE FOR LAW  
BUILDING ADDITION, URBANA**

(12) On May 18, 1966, the Board of Trustees authorized the employment of Richardson, Severns, Scheeler and Associates, Inc., Champaign, for complete architectural and engineering services for an addition to the Law Building at the Urbana campus at a fee of six per cent of the total construction cost with the initial authorization for the preparation of schematic drawings not to exceed a cost of \$18,000.

Funds for the balance of the architectural and engineering work through working drawings are now available in state capital appropriations to the University and have been released by the Governor.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that Richardson, Severns, Scheeler and Associates, Inc., be authorized to continue their architectural services previously authorized.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hughes, Mr. Steger, Mr. Swain, Dr. Walker; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone. Mr. Hahn asked to be recorded as not voting.

**LYDIA E. PARKER BATES FUND FOR THE  
ADVANCEMENT OF FINE ARTS**

(13) On May 24, 1943, the Board of Trustees established rules for awarding scholarships from the Lydia E. Parker Bates Fund for the Advancement of Fine Arts. Under the terms of the will creating the Fund, its use was restricted to deserving students engaged in the study of one or more of the "fine arts," which words were to be "construed according to their current meaning from time to time except that they shall not include music, nor domestic art, nor domestic science."

The Regulations relating to this Fund adopted by the Board of Trustees on May 24, 1943, restricted the definition of "fine arts" to the curricula in Art, Architecture, Architectural Engineering, and Landscape Architecture. The Dean of the College of Fine and Applied Arts at the Urbana-Champaign campus has requested that the definition of "fine arts" be extended to include the curricula in Urban Planning, Dance, and Theatre. Accordingly, with the approval of appropriate administrative officers, I recommend that Section 1 of the regulations relating to the "Lydia E. Parker Bates Fund for the Advancement of Fine Arts" be amended to read as follows (new matter italicized):

"1. An applicant for a Lydia E. Parker Bates Scholarship must either (a) be able to satisfy in full the entrance requirements of the University for one of the following curricula: Art, Architecture, Architectural Engineering, Landscape Architecture, *Urban Planning, Dance, and Theatre*, or (b) be a student, undergraduate or graduate, in good standing and seeking a degree in one of the above-named curricula."

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

**PURCHASES**

(14) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller; also a purchase authorized by the President.

The list of purchases was 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*

Authorized.....	\$ 50 000 00
Recommended.....	224 887 09
<i>Total</i> .....	<u>\$ 274 887 09</u>

*From Institutional Funds*

Authorized.....	\$ 65 000 00
Recommended.....	533 979 82
<i>Total</i> .....	<u>\$ 598 979 82</u>
<i>Grand Total</i> .....	<u>\$ 873 866 91</u>

A complete list of the purchases, 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. Clement, the purchase authorized by the President was confirmed, and the purchases recommended were authorized.

**COMPTROLLER'S REPORT OF PURCHASES APPROVED**

(15) The Vice President and Comptroller also submitted a report of purchases approved by him on recommendation of the Directors of Purchases in amounts of \$5,000 to \$7,500. A copy of this report is filed with the Secretary.

This report was received for record.

**COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED**

(16) The Comptroller's monthly report of contracts executed was presented.

**Urbana-Champaign***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Miles Laboratories, Inc.	Isolation and characterization of viruses from <i>Neurospora crassa</i>	\$ 6 000
United States Air Force:		
AFOSR-71-1976	Far infrared molecular laser research	57 500
AFOSR-71-1981	Linear and nonlinear optical properties of materials in the far infrared	36 000
F19628-71-C-0013	Radio signal research	89 986
United States Army:		
DAAD-05-71-C-0102	Conference on "D Region" Aeronomy	9 964
DAAK-02-71-C-0045	Basic research in TV display of topographical information	30 976
DA-ARO-D-31-124-71-G21	Modulated optical properties of solids	36 218
<i>Total</i>		<u>\$266 644</u>

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Air Force:		
AF30(602)-4144	Experimentation in parallel computation	\$438 000
AFOSR-69-1671	Structures and dynamics of surfaces related to fuel cells, corrosion, catalysis, composite structures and metal to metal friction	44 941
United States Navy N00014-67-A-0305-0007	Research in the design and development of computer circuits and components with emphasis on hybrid analog-digital devices for use in display or switching circuits	40 000
<i>Total</i>		<u>\$522 941</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Barber & DeAtley, Inc.	Cost-plus contract for general work: Police Training Institute Outdoor Range	\$ 5 000

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Dean Evans Company	Cost-plus contract for general work:	
	Education building	\$ 5 000
	Materials research laboratory	7 825
	Rehabilitation-Education center	6 600
Remco Electrical Corp.	Cost-plus contract for electrical work: Materials research laboratory	8 835
David W. Reichard Plumbing and Heating Company, Inc.	Cost-plus contract for ventilation and distribution work:	
	Rehabilitation-Education Center	7 300
	Materials research laboratory	8 825
<i>Total</i>		<u>\$ 49 385</u>

### Summary

Amount to be paid to the University—Urbana-Champaign.....	\$789 585
Amount to be paid by the University—Urbana-Champaign.....	\$ 49 385

This report was received for record.

## INVESTMENT REPORT

For the Month of September, 1970

### Report of the Finance Committee

(17) The Finance Committee reported the following changes in investments of endowment funds:

#### *Müller Fund*

Purchase:	<i>Per Cent</i>	
\$ 34 000 Transamerica demand notes.....	7.50	\$ 34 000 00

#### *Endowment Pool*

Purchases:		
\$ 27 000 Associates demand notes.....	7.52	27 000 00
7 000 International Harvester Credit demand notes...	7.25	7 000 00
100 shares International Business Machines common stock...		27 005 93
100 shares Minnesota Mining and Manufacturing common stock.....		8 625 06
100 shares Polaroid common stock.....		7 473 91
100 shares Xerox common stock.....		7 849 29

### Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make:

#### *Current Funds*

##### *Duke*

Purchase:	<i>Per Cent</i>	
\$ 10 000 U.S. Treasury bills due 10/8/70.....	5.11	\$ 9 932 33

##### *Ford Foundation Nonwestern Programs*

Sale:		
\$ 110 000 U.S. Treasury bills due 5/31/71.....		105 134 03

##### *Restricted Group*

Purchases:		
\$1 000 000 Illinois Bell Telephone note due 9/24/70.....	7.01	998 250 00
1 000 000 Household Finance note due 11/18/70.....	7.07	989 305 56
1 000 000 American Brands note due 12/2/70.....	7.36	984 291 67
500 000 International Harvester note due 12/3/70.....	7.76	491 210 07
500 000 Associates 7½ per cent note due 12/4/70.....	7.50	500 000 00
1 000 000 Jim Walter 9½ per cent note due 3/15/72.....	9.78	995 670 00

*Sinking Funds**Illini Union and Health Center*

Purchases:		Per Cent	
\$ 220 000	U.S. Treasury 8¼ per cent notes due 8/15/71...	7.41	\$222 475 00
125 000	U.S. Treasury bills due 8/31/71.....	6.51	117 750 78
114 000	U.S. Treasury 7½ per cent notes due 2/15/72...	7.36	114 213 75
19 000	U.S. Treasury 5¾ per cent notes due 2/15/75...	7.49	17 886 75

*Student Services Building*

Purchase:			
\$ 75 000	U.S. Treasury 6 per cent notes due 5/15/75.....	7.40	71 156 25

This report was received for record.

**PURCHASE OF PROPANE GAS, URBANA**

(18) On June 18, 1969, the Board of Trustees approved the purchase of propane gas from Petrolane Gas Service, Inc., Urbana, Illinois, for the period from July 1, 1969, through June 30, 1970. Through an oversight, an original bid option to renew the purchase agreement at the same monetary rates for one additional year from July 1, 1970, through June 30, 1971, based on a continuing need and availability of funds, was not included in the purchase recommendation to the Board at its June 18 meeting. Because of the known advances in the costs of propane gas, the option to renew for the period from July 1, 1970, through June 30, 1971, was exercised July 1, 1970.

The Vice President and Comptroller recommends approval of the extension of the purchase agreement for one year from July 1, 1970, with Petrolane Gas Service, Inc., in accordance with the original bid option, for an estimated expenditure of \$14,538. The cost is based upon the unit rates bid times the estimated use quantity.

I concur.

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

**REPORT OF MEETING OF COMMITTEE ON STUDENT WELFARE AND ACTIVITIES, OCTOBER 28, 1970**

Mr. Hahn, Chairman of the Committee on Student Welfare and Activities, reported briefly on the meeting of the Committee held in Chicago on October 28, 1970, at which time the Committee heard comments from students at Chicago Circle and others with regard to the Board of Trustees' "Statement Concerning Disruptive and Coercive Action." He indicated that the various suggestions received are being taken under advisement by the Administration and Committee.

**COMMUNICATIONS**

President Hughes presented a request from the Graduate Student Association to be heard at the December 10 meeting on a proposal "to establish a task force on campus governance."

On motion of Mr. Clement, the Board approved an appearance before the Committee on Student Welfare and Activities, such appearance to be scheduled in connection with the December Board meetings.

President Hughes also presented a request from the Associate Students Council for University Reorganization (ASCUR) to appear before the Board in December "on the topic of the Selection of a University President." By consensus the Board directed the Secretary to request the organization to prepare a more complete statement of its proposal for distribution to the Trustees, subsequent appearance by ASCUR to be contingent upon receipt of such a statement.

### SECRETARY'S REPORT

The Secretary presented for record appointments to the faculty made by the President; cancellations; declinations and resignations; leaves of absence; and retirements. A copy of the report is filed with the Secretary.

### ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

#### FUTURE BOARD MEETINGS

##### *December*

This meeting will be held at Allerton Park, near Monticello, Illinois on December 10, 1970, as previously agreed upon by the Board.

##### *January and February*

These meetings will be held on the regularly scheduled dates January 20, 1971, and February 17, 1971; it was agreed by the Trustees that they be held at the Chicago Circle campus and at the Medical Center campus respectively.

##### *March — Annual Meeting*

On motion of Mr. Grimes, the Board voted to change the date of the annual meeting from the second Tuesday, March 9 to Wednesday, March 17, 1971, to be held in Urbana.

#### LUNCHEON RECESS

President Hughes announced that an executive session had been requested and was being ordered for consideration of recommendations relating to patentable discoveries and that this session would be held after the luncheon recess.

#### LUNCHEON GUESTS

Members of the Commission for the Reform of Undergraduate Education and Living, Urbana-Champaign campus, were guests of the Board at lunch.

#### EXECUTIVE SESSION

When the Board reconvened following the luncheon recess, the same members and officers of the Board and officers of the University were present as recorded in the beginning of the meeting.

The Board considered the following recommendation from the President of the University.

#### RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(19) The University Patent Committee, with the concurrence of the Chairman of the University Research Board, submits the following reports and recommendations relating to patentable inventions by members of the staff.

1. Monopole-slot antenna — Paul E. Mayes, Professor of Electrical Engineering, Urbana, inventor; developed under the sponsorship of the United States Air Force Avionics Lab. The novel aspects of the current invention are the simultaneous excitation of a slot and a monopole by a simple network (microstrip line) and the relationship between the scattering parameters of the slot and the monopole.

The Committee recommends that the rights of the University in this invention be transferred to the University of Illinois Foundation for development and possible patent application, subject to the rights of the sponsoring agency.

2. HF passive radio range finder — Albert D. Bailey, Professor of Electrical Engineering, Urbana, inventor; developed under the sponsorship of the Office of Naval Research. This invention permits a passive type high frequency radio direction finder to be used to determine the approximate range to a radio frequency

source when the signals are arriving via the sky wave paths, and consists of the additional data accumulating and analyzing equipment necessary to accomplish this range determination. The basis of the system, that is, the principle, is in the fact that there is a random fluctuation in the direction of arrival data as measured by any HF/DF that has a quasi-period of approximately twenty minutes and has a maximum amplitude that varies inversely with range. It is due to the effective tilting of the ionospheric region that supports and reflects the propagating mode.

The Committee recommends that the rights of the University in this invention be transferred to the sponsoring agency which has shown an interest in this invention and is now preparing a patent application.

3. Omni angle rotary table — John Franklin Bauerle, Instrument Maker in the Department of Geology, Urbana, inventor. This device is used to coat irregular specimens with a uniform carbon or metallic coating in a vacuum evaporator, for subsequent observation in a scanning electron microscope. It may have other applications. It functions in a manner that sweeps the specimen back and forth through a 60° arc several times per rotation. This motion presents the specimen to the metal vapor being deposited at all angles. The design has enabled the laboratory to obtain higher resolution photographs with the electron microscope than possible with other methods because of the uniformity of the evaporated layer in all the surface irregularities of the specimen.

The Committee recommends that, because of a limited market and doubtful patentability, the rights of the University in this invention be released to the inventor.

I concur in the above recommendations.

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

On motion of Mr. Clement, the Board adjourned.

EARL W. PORTER  
*Secretary*

EARL M. HUGHES  
*President*