

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

May 17, 1972



The May meeting of The Board of Trustees of the University of Illinois was held in the Chicago Circle Center, Chicago, Illinois, on Wednesday, May 17, 1972, 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. William D. Forsyth, Jr., Mr. Ralph C. Hahn, Mr. George W. Howard III, Mr. Earl M. Hughes, Mr. William G. Karnes, Mr. Earl Langdon Neal, Mr. Roger B. Pogue, Mr. Timothy W. Swain. Dr. Michael J. Bakalis, Governor Richard B. Ogilvie, and Mr. Russell W. Steger were absent.

Also present were President John E. Corbally Jr.; Chancellor J. W. Peltason, Urbana-Champaign campus; Chancellor Warren B. Cheston, Chicago Circle campus; Dr. Eldon Johnson, Vice President; Mr. Norman A. Parker, Vice President for Public Service; Mr. V. L. Kretschmer, Acting University 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, and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. R. R. Manchester, Treasurer, and Dr. Earl W. Porter, Secretary.

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

Copies of the President's report on selected topics of current interest were distributed at the meeting, and a copy was filed with the Secretary of the Board.

INTRODUCTION OF MR. WILLIAM G. KARNES

President Hughes recognized and introduced Mr. William G. Karnes, Chairman of the Board and Chief Executive Officer, Beatrice Foods Company, who was attending his first meeting of the Board as a Trustee. Mr. Karnes was appointed by Governor Ogilvie to fill the unexpired term of the late Donald R. Grimes.

HERMAN C. KRANNERT

Mr. Hughes presented the following resolution:

This Board has recently had occasion to express its appreciation of the loyalty and generosity of Herman C. Krannert who has made possible a tremendously expanded potential in the fine arts at the University of Illinois.

It is, thus, with special regret that we note the death of Mr. Krannert on February 24, 1972.

His imaginative leadership in philanthropy will be missed by the many institutions he has aided and his outstanding example of alumni giving will be remembered by many others across the nation.

The Board of Trustees of the University of Illinois wishes to record its tribute to an alumnus, benefactor and friend of the University and its deep sympathy to Mrs. Krannert.

On motion of Mr. Swain the resolution was adopted by a standing vote.

**APPOINTMENT OF VICE CHANCELLOR FOR
OPERATIONS, CHICAGO CIRCLE**

(1) The Chancellor at the Chicago Circle campus has recommended the establishment of the position of Vice Chancellor for Operations and the appointment to this post of Robert P. Bentz effective July 1, 1972, on a twelve-month service basis at an annual salary of \$28,000.

Dr. Bentz is presently Assistant Chancellor of the Chicago Circle campus.

The Vice Chancellor for Operations will be responsible for those units which directly support the academic programs of the campus except for those units or functions which have been assigned as the responsibility of a general University officer.

This recommendation is endorsed by the Executive Vice President and Provost.

I concur.

On motion of Mr. Swain, this position was authorized and the appointment was approved.

**DEANSHIP OF THE COLLEGE OF ARCHITECTURE
AND ART, CHICAGO CIRCLE**

(2) The Chancellor at Chicago Circle has recommended the appointment of Bertram M. Berenson, presently Professor of Architecture and Director of the School of Environmental Development at the University of Nebraska, as Professor of Architecture on indefinite tenure and Dean of the College of Architecture and Art at Chicago Circle, beginning September 1, 1972, on a twelve-month service basis, at an annual salary of \$34,500.

The recommendation is based upon a report from a Consultative Committee¹ and follows consultation with the Executive Committee of the College.

The appointment of Mr. Berenson will fill the vacancy which is created by the resignation of Dean Leonard J. Currie effective August 31, 1972.

The Executive Vice President and Provost, and the Vice Chancellor and Dean of Faculties at Chicago Circle endorse this recommendation.

I recommend approval.

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

DEANSHIP OF THE SCHOOL OF ASSOCIATED MEDICAL SCIENCES, MEDICAL CENTER

(3) The Executive Dean of the College of Medicine has recommended to the Chancellor at the Medical Center campus the appointment of Dr. Thomas F. Zimmerman as Dean of the School of Associated Medical Sciences beginning July 1, 1972, on a twelve-month service basis, at an annual salary of \$30,000.

Dr. Zimmerman will hold the rank of Associate Professor of Medical Education, Center for Educational Development, on indefinite tenure.

Dr. Zimmerman is presently Assistant to the Director of the Division of Medical Education of the American Medical Association. He will succeed Dr. Charles E. Richards who has served in this position since September 1, 1964. Dr. Richards has resigned effective August 31, 1972.

This recommendation is made with the advice of the Executive Committee of the School² and is supported by the Executive Vice President and Provost.

I concur.

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

DEANSHIP OF THE COLLEGE OF FINE AND APPLIED ARTS, URBANA

(4) The Chancellor at the Urbana-Champaign campus has recommended the appointment of Professor Jack H. McKenzie, presently Professor of Music and Acting Dean of the College of Fine and Applied Arts, as Dean of the College of Fine and Applied Arts effective September 1, 1972, on a twelve-month service basis, the salary to be determined when the 1972-73 budget is submitted.

Professor McKenzie will continue to hold the rank of Professor of Music on indefinite tenure. He has been Acting Dean since September 1, 1971 when Professor Allen S. Weller asked to be relieved of this administrative assignment.

This recommendation is unanimously endorsed by the Executive Committee of the College. The Executive Vice President and Provost concurs.

I recommend approval.

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

¹ George Bugliarello, Professor of Biotechnology and Civil Engineering in Systems Engineering and Dean of the College of Engineering, *Chairman*; Wayne A. Boyer, Assistant Professor of Art; Geraldine D. Brownlee, Assistant Professor of Education and Assistant Dean of the College of Education; George A. Hinds, Professor of Architecture; Kenneth Isaacs, Lecturer in Architecture; Carol LaBranche, Assistant Professor of History of Architecture and Art; Cortlandt G. Liddell, Student; Joseph I. Lipson, Professor of Geological Sciences and Associate Dean of the Graduate College; Candace L. Reckinger, Student; Nancy Stableford, Associate Professor of Art; Denise H. Surma, Student.

² Sandra J. Benzies, Assistant Professor, Curriculum in Physical Therapy; Gloria M. Brawley, Director, Curriculum in Physical Therapy with the rank of Associate Professor; Dorothy M. Brownold, Assistant Professor and Acting Director, Curriculum in Medical Dietetics; Rosemary Cahill, Assistant Professor, Curriculum in Occupational Therapy; Rita M. Finnegan, Assistant Professor and Director, Curriculum in Medical Record Administration; Beverly J. Fiorella, Assistant Professor, Curriculum in Medical Technology; Ruth M. French, Associate Professor and Director, Curriculum in Medical Technology; William J. Hart, Director of Allied Professional Services, University Hospital; A. Hooker Goodwin, Professor and Director, Curriculum in Medical Art, Professor and Head, Medical and Dental Illustration; Emil W. Hospodar, Associate Professor, Curriculum in Medical Art and in Medical and Dental Illustration; Aileen B. Kucera, Assistant Professor, Curriculum in Medical Record Administration; Richard Jacobs, Associate Professor of Orthopaedic Surgery, ALSM; Barbara Loomis, Associate Professor and Director, Curriculum in Occupational Therapy; Bernadine Robb, Assistant Professor, Curriculum in Medical Dietetics.

HEADSHIP OF THE DEPARTMENT OF CRIMINAL JUSTICE, CHICAGO CIRCLE

(5) The Dean of the College of Liberal Arts and Sciences at the Chicago Circle campus has recommended to the Chancellor the appointment of James W. Osterburg, presently Professor and Acting Director of the Curriculum in the Administration of Criminal Justice, as Professor of Criminal Justice on indefinite tenure and Head of the Department of Criminal Justice, beginning June 1, 1972, on an academic year service basis, at an annual salary of \$27,000.

The establishment of the Department of Criminal Justice was approved by the Board of Trustees on July 21, 1971, and by the Board of Higher Education on April 4, 1972.

The nomination is supported by a consultative committee¹ and by the faculty of the Department of Criminal Justice. The Chancellor at Chicago Circle has approved the 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 ECONOMICS, CHICAGO CIRCLE

(6) The Dean of the College of Business Administration at the Chicago Circle campus has recommended to the Chancellor the appointment of George Rosen, presently Senior Fellow, New York University Center for International Studies, as Professor of Economics, on indefinite tenure and Head of the Department beginning September 1, 1972, on an academic year service basis, at an annual salary of \$25,000.

Dr. Rosen will replace Professor Richard F. Kosobud who is resigning the headship of the department effective August 31, 1972.

The nomination of Professor Rosen is supported by the Consultative Committee² for the Headship of the Department and by the faculty of the Department of Economics. The Chancellor at Chicago Circle, the Vice Chancellor and Dean of Faculties, and the Dean of the Graduate College approve the 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 ASTRONOMY, URBANA

(7) The Dean of the College of Liberal Arts and Sciences has recommended to the Chancellor at Urbana-Champaign the appointment of Dr. Icko Iben, Jr., presently Professor of Physics at the Massachusetts Institute of Technology (on sabbatical leave during 1971-72 and working at the University of California, Santa Cruz) as Professor of Astronomy and of Physics on indefinite tenure and Head of the Department of Astronomy effective September 1, 1972, on an academic year service basis, at an annual salary of \$31,000.

The nomination of Dr. Iben was made with the advice of a search committee³ and after consultation with members of the Department of Astronomy and with the concurrence of the Executive Committee of the College. The Chancellor at Urbana-Champaign has approved the recommendation and the Executive Vice President and Provost concurs.

I recommend approval.

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

¹James Carey, Associate Professor of Criminal Justice and Sociology; David Leege, Associate Professor of Political Science; Patrick McAnany, Associate Professor of Criminal Justice; George Magner, Associate Director, Jane Addams Graduate School of Social Work.

²Robert Ferber, Director of Survey Research Laboratory, Research Professor, Bureau of Economic and Business Research, Professor of Economics and of Business Administration, *Chairman*; Eliezer Ayal, Visiting Professor of Economics; Frances V. Flanagan, Assistant Professor of Economics; William Grampp, Professor of Economics; Kurt Hausafus, Instructor in Economics; Leonard Kent, Professor and Head of the Department of Quantitative Methods; Frank Tachau, Associate Professor of Political Science.

³John Bardeen, Professor of Physics and Electrical Engineering and Member of Center for Advanced Study, *Chairman*; John R. Dickel, Associate Professor of Astronomy; Willis H. Flygare, Professor of Chemistry; James B. Kaler, Associate Professor of Astronomy; John C. Webber, Assistant Professor of Astronomy; Stanley P. Wyatt, Jr., Professor of Astronomy; Kenneth M. Yoss, Professor of Astronomy.

HEADSHIP OF THE DEPARTMENT OF PSYCHOLOGY, URBANA

(8) The Dean of the College of Liberal Arts and Sciences has recommended to the Chancellor at Urbana-Champaign the appointment of Dr. Joseph E. McGrath, presently Professor of Psychology and Acting Head of the Department, as Professor on indefinite tenure and Head of the Department of Psychology beginning September 1, 1972, on an academic year service basis, at an annual salary of \$25,500.

Dr. McGrath has been Acting Head since September 1, 1971, succeeding Dr. Morton W. Weir, former Head, who was appointed Vice Chancellor for Academic Affairs.

The nomination of Dr. McGrath was made with the advice of a search committee¹ and after consultation with members of the Department of Psychology of professorial rank and with the concurrence of the Executive Committee of the College. The nomination is supported by the Dean of the Graduate College. The Chancellor at Urbana-Champaign has approved the recommendation, and the Executive Vice President and Provost concurs.

I recommend approval.

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

CHAIRMANSHIP OF THE DEPARTMENT OF ART, CHICAGO CIRCLE

(9) The Dean of the College of Architecture and Art at Chicago Circle has recommended to the Chancellor the appointment of Edward Colker, presently Associate Professor and Artist-in-Residence at Bucks County College, Pennsylvania, as Professor of Art on indefinite tenure and Chairman of the Department, beginning September 1, 1972, on an academic year service basis, at an annual salary of \$26,000.

Mr. Colker will replace Professor Morris Barazani who presently is Acting Chairman of the Department. Professor Simon Steiner resigned as Chairman of the Department on December 30, 1970.

The nomination of Professor Colker is supported by the Consultative Committee for the Chairmanship of the Department² and by the faculty of the Department of Art. The Chancellor, the Vice Chancellor and Dean of Faculties, and the Dean of the Graduate College approve the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

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

**CHAIRMANSHIP OF THE DEPARTMENT
OF SPECIAL EDUCATION, URBANA**

(10) The Dean of the College of Education has recommended to the Chancellor at Urbana-Champaign the appointment of Dr. G. Max Spriggs, presently Assistant Professor of Special Education and Acting Chairman of the Department, as Associate Professor and Chairman of the Department of Special Education beginning June 1, 1972, on an academic year service basis, at an annual salary of \$18,000.

Dr. Spriggs has been Acting Chairman since December 1, 1971, when Dr. Robert A. Henderson asked to be relieved of this administrative assignment.

The nomination of Dr. Spriggs is made with the endorsement of the Executive Committee of the Department. The nomination is supported by the Dean of

¹ L. Leon Campbell, Professor of Microbiology and Director of the School of Life Sciences, Chairman; Douglas A. Bernstein, Assistant Professor of Psychology; Joseph B. Casagrande, Professor of Anthropology and Director of the Center for International Comparative Studies; Charles W. Eriksen, Professor of Psychology; Thomas T. Hewett, Research Assistant in Psychology; Steven F. Maier, Assistant Professor of Psychology; Harry C. Triandis, Professor of Psychology and in Labor and Industrial Relations, and Associate Director, International Programs and Studies; Jerry S. Wiggins, Professor of Psychology.

² Leon Bellin, Associate Professor of Art, Chairman; Roland E. Ginzel, Professor of Art; Ann Goodfellow, Lecturer in History of Architecture and Art; Elaine Gutman, Student; Hinman H. Kealy, Associate Professor of Architecture; Audrey Kouvel, Professor of Spanish; Kathy Lee, Student; David W. Levinson, Professor of Metallurgy in Materials Engineering; Tadao Takano, Associate Professor of Art; Edward Deam, Associate Dean of the College of Architecture and Art, Professor of Art, and Consultant to the Committee.

the Graduate College. The Chancellor at Urbana-Champaign has approved the appointment. The Executive Vice President and Provost concurs.

I recommend approval.

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

APPOINTMENTS TO THE FACULTY

(11) 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 nonreappointment; 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. JAMES R. ADLER, Associate Professor of Accounting, beginning September 1, 1972 (Q), at an annual salary of \$17,500.
2. A. O. L. ATKIN, Professor of Mathematics, beginning September 1, 1972 (A), at an annual salary of \$23,500.
3. ALDRIDGE K. BOUSFIELD, Associate Professor of Mathematics, beginning September 1, 1972 (A), at an annual salary of \$15,000.
4. ARTHUR I. FINE, Professor of Philosophy, beginning September 1, 1972 (A), at an annual salary of \$24,000.
5. CARROLL W. WESTFALL, Assistant Professor, History of Architecture and Art, beginning September 1, 1972 (1), at an annual salary of \$13,500.
6. HEMAN J. WITMER, Assistant Professor of Biological Sciences, beginning September 1, 1972 (2), at an annual salary of \$13,000.

Medical Center

7. MAURICE BARANCIK, Clinical Assistant Professor of Medicine, Rockford School of Medicine, beginning March 1, 1972, on one-fourth time (DY25), at an annual salary of \$7,000.
8. PAUL K. BURKHOLDER, Clinical Assistant Professor of Medicine, Rockford School of Medicine, beginning March 1, 1972, on one-fourth time (DY25), at an annual salary of \$7,000.
9. WILLIAM D. COX, Assistant Professor of Surgery, Rockford School of Medicine, beginning December 1, 1971, on one-fourth time (DY25), at an annual salary of \$6,000.
10. JOSE R. MANALIGOD, Assistant Professor of Pathology, The Abraham Lincoln School of Medicine, beginning September 1, 1972 (1Y), at an annual salary of \$28,000.
11. JOSEPH G. PITTMAN, Associate Professor of Medicine and Associate Dean for Hospital Programs, Rockford School of Medicine, beginning May 1, 1972, on nine-tenths time (PY90,DY), at an annual salary of \$38,000.
12. ROBERT M. REECE, Associate Professor of Pediatrics and Director, Community Health Center Program, Rockford School of Medicine, beginning May 1, 1972, on nine-tenths time (PY90,DY), at an annual salary of \$30,000.
13. WILLIAM G. SMITH, Associate Professor of Psychiatry, Rockford School of Medicine, beginning March 1, 1972, on one-fourth time (PY25), at an annual salary of \$7,000.

Urbana- Champaign

14. **ROBERT B. DAVIS**, Director of Curriculum Laboratory, Associate Director of Computer-based Education Research Laboratory, and Professor of Elementary Education, beginning September 1, 1972 (DY,QY), at an annual salary of \$33,500.
15. **WALTER HÖLLERER**, Professor of German and Comparative Literature, beginning September 1, 1972 (A), at an annual salary of \$30,000.
16. **JON C. LIEBMAN**, Professor of Environmental Engineering in Civil Engineering, beginning September 1, 1972 (A), at an annual salary of \$17,000.
17. **VIOLET M. MALONE**, Assistant Professor and Assistant State 4-H Program Leader, Cooperative Extension Service, beginning July 1, 1972 (1Y), at an annual salary of \$17,000.
18. **STEPHEN W. PORGES**, Assistant Professor of Psychology, beginning September 1, 1972 (1), at an annual salary of \$14,000.

Visiting Staff

19. **WILLIAM L. CLINTON**, Visiting Professor of Physics, Urbana, for the period from May 16 through July 15, 1972 (G), at a salary of \$3,962.

Administrative Staff

20. **NAN E. MCGEEHEE**, Associate Chancellor, Office of the Chancellor, Chicago Circle, beginning July 1, 1972 (DY), at an annual salary of \$28,000.

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

HONORARY DEGREES, URBANA

(12) The Senate at the Urbana-Champaign campus has recommended that honorary degrees be conferred on the following persons at the Commencement Exercises on June 10, 1972:

MERCE CUNNINGHAM, dancer, choreographer, teacher, and writer, the Degree of Doctor of Letters.

MINA S. REES, President of The Graduate School and University Center of the City University of New York, the Degree of Doctor of Science.

FREDERICK SEITZ, President of Rockefeller University, the Degree of Doctor of Science.

The Chancellor concurs in the recommendations.

I recommend approval.

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

UNDERGRADUATE INSTRUCTIONAL AWARDS FOR SUMMER OF 1972

(13) Since the summer of 1965, a program of Undergraduate Instructional Awards has been conducted at the Chicago and the Urbana-Champaign campuses. Typically, selected faculty members have received full-time salaries for the summer session for work on projects designed to improve undergraduate education in their respective fields. Small grants for expenses have been made when projects required them and when departmental funds were not available.

On the basis of an evaluation of reports on the completed projects, Special Awards of \$1,000 each have been made to a small number of individuals since 1966, from a grant provided by the Standard Oil (Indiana) Foundation. Nominees for the Special Awards have been proposed by the vice chancellors in charge of academic affairs, and the awardees have been selected for recommendation to the Board of Trustees by the Executive Vice President and Provost with the advice of a special committee.

Awards for the Summer of 1972

For the summer of 1972, the Chicago Circle campus decided to continue the campuswide program on a limited scale, while the Urbana-Champaign campus decided to forego a campuswide program for budgetary reasons. Instead, it was

left to individual Urbana-Champaign colleges to determine whether or not to sponsor an instructional-award program. Three of its colleges decided to do so, on a limited basis (Agriculture, Commerce and Business Administration, and Liberal Arts and Sciences).

Upon nomination of the respective chancellors, the Executive Vice President and Provost recommends the following awards for the summer of 1972:

<i>Chicago Circle Campus</i>	<i>Salary</i>	<i>Expenses</i>	<i>Total</i>
LARRY L. ABELS, Assistant Professor of Physics	\$ 3 167	—0—	\$ 3 167
ELLIOTT E. DUDNIK, Assistant Professor of Architecture.....	2 700	\$ 375	3 075
JOSEPH D. JACHNA, Assistant Professor of Art..	2 911	434	3 345
CYNTHIA J. JAMESON, Assistant Professor of Chemistry.....	3 022	—0—	3 022
GHOLAM-ALI MANSOORI, Assistant Professor of Energy Engineering.....	2 822	—0—	2 822
<i>Total, Chicago Circle.....</i>	<i>\$14 622</i>	<i>\$ 809</i>	<i>\$15 431</i>

Urbana-Champaign Campus

ROBERT S. BYARS, Assistant Professor of Political Science, 50 per cent.....	\$ 1 372	\$ 300	\$ 4 127
LOUIS H. GOLD, Instructor in Political Science, 50 per cent.....	1 255		
2.50 FTE assistants.....	1 200		
DAVID J. CHERRINGTON, Assistant Professor of Business Administration.....	3 378	700	7 411
ROBERT T. LECLAIR, Assistant Professor of Finance.....	3 333		
ROBERT W. GILLESPIE, Associate Professor of Economics.....	3 555	—0—	3 555
MICHAEL GROSSMAN, Assistant Professor of Genetics in Dairy Science, on Y-status.....	—0—	300	920
1.50 FTE assistants.....	620		
JAMES W. MARCHAND, Professor of German and Linguistics, 50 per cent.....	3 333	86	4 463
3 assistants: .25, .33, .17 FTE.....	1 044		
PETER E. YANKWICH, Professor of Chemistry, 50 per cent.....	2 955	—0—	2 955
<i>Total, Urbana-Champaign.....</i>	<i>\$22 045</i>	<i>\$1 386</i>	<i>\$23 431</i>

Special Awards

The Executive Vice President and Provost recommends that the program of "Special Awards" be continued in connection with the projects to be conducted during the summer of 1972.

On the basis of final reports to be submitted by the recipients of the regular Undergraduate Instructional Awards, the Chancellors would submit nominations for Special Awards of \$1,000 each. The Vice President for Academic Coordination and Development, with the advice of a committee, would select individuals to recommend to the Board of Trustees for Special Awards.

Evaluation of the Program

The Executive Vice President and Provost recommends that the Vice President for Academic Coordination and Development undertake an evaluation of the program of Undergraduate Instructional Awards and Special Awards during the coming fall term, in consultation with the chancellors concerned and their designees. In the light of this review, he will submit his recommendations to the President by December 1, 1972, concerning the continuation of the program.

I concur.

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

SABBATICAL LEAVES OF ABSENCE, 1972-73

(14) The Chancellors at the Medical Center and Urbana-Champaign campuses have recommended that the following members of the faculty be given sabbatical

leaves of absence in accordance with the provisions of the University of Illinois *Statutes* and on the terms and for the period indicated.

These recommendations are supplementary to the recommendations approved by the Board of Trustees on March 15, 1972.

I concur.

College of Medicine

Medical Center

The Abraham Lincoln School of Medicine

Department of Preventive Medicine and Community Health

LEO LEVY, Associate Professor of Preventive Medicine and Community Health and Associate Professor of Psychiatric Nursing in the College of Nursing, six months beginning March 1, 1973, one-half pay.

Urbana-Champaign

College of Liberal Arts and Sciences

Department of Anthropology

DAVID W. PLATH, Professor of Anthropology and Head of the Department, academic year, 1972-73, one-half pay; leave contingent upon receipt of financial aid.

Department of English

AGNES BRANDABUR, Assistant Professor of English, second semester, 1972-73, full pay.

Department of Germanic Languages and Literatures

CLAYTON GRAY, JR., Assistant Professor of German, academic year, 1972-73, one-half pay.

School of Life Sciences

B. VINCENT HALL, Professor of Zoology and in School of Life Sciences and Director, Center for Electron Microscopy, six months beginning February 1, 1973, full pay.

Department of Mathematics

IRVING REINER, Professor of Mathematics, second semester, 1972-73, two-thirds pay.

On motion of Mr. Howard, these leaves were granted as recommended.

REVISION OF UNIVERSITY OF ILLINOIS STATUTES

(15) The last general revision of the University of Illinois *Statutes* was adopted by the Board of Trustees on January 16, 1957.

Since that time, numerous individual amendments to the 1957 *Statutes* have been approved, but these were not fully reflective of the many changes in the University's organization which have come about in recent years. These changes, most notably the advent of the Chancellorship system and the development of the Chicago Circle campus, have left some entire sections and many scattered references in the 1957 *Statutes* obsolete.

In order to review these problems systematically, the process of updating and revision of the *Statutes* was begun by administrative officers. Early in the process, faculty consultation was provided by the appropriate committees of the three Senates which assumed much of the labor involved in the process.

The revised version, which is essentially an up-dating of the 1957 *Statutes*, has the approval of the three Senates, the University Senates Conference, the Chancellors at the three campuses and the Executive Vice President and Provost.

These revised University *Statutes* would become effective immediately upon approval by the Board of Trustees and all previous versions and editions of corresponding statutes would be superseded on that date.

I recommend approval.

Mr. Howard moved the approval of the revision as submitted.

President Hughes reported on discussions with others and suggested a few minor editorial changes, none of them representing changes in the original text prior to its revision. The changes were as follows: (1) The return to the Preamble of the paragraph with regard to the General Rules (shown in the revision as Sec. 56.1, page 75) — the original position of this portion of the *Statutes*; (2) in the instance of varying references to the “nomination” or “recommendation” of staff members for appointment by the Board of Trustees, to make the references consistently read “recommendation” throughout; and (3) the retention, on page 27, with regard to the Division of University Extension, of the word “may” rather than “shall” as shown in the revision. (The change would provide that the relevant sentence now read as it did originally: “In carrying out its mission, the Division may conduct extramural courses, short courses, correspondence courses, conferences, and other programs common to university extension divisions.”)

The changes suggested were accepted as amendments to his motion by Mr. Howard and the *Statutes* as revised were adopted as recommended and modified by the following vote: Aye, Mr. Forsyth, Mr. Hahn, Mr. Howard, Mr. Hughes, Mr. Karnes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie, Mr. Steger.

The *Statutes* are now approved for filing with the Secretary for record.

REVISION OF STATUTES RELATING TO ADMINISTRATIVE FUNCTIONS AND ORGANIZATIONS

(16) At the April 19, 1972, meeting the Board approved in principle the realignment of functions of the office of the Executive Vice President and Provost and approved the allocation of those functions and the redesignation of the offices of certain general officers involved in the realignment.

In order to implement these changes, the following changes in the University *Statutes* are advisable:

- A. Delete Section 3 (Executive Vice President and Provost); Section 4 (Absence of President and Executive Vice President and Provost); Section 5 (Vice President and Comptroller); and Section 6 (b) (University Counsel).
- B. Add the following sentence, substantially the provision contained in the deleted Section 4, to the end of Section 2 (The President of the University):
The President may designate the administrative officer(s) who shall exercise the functions of the President during the absence of the President from duty, which designation(s) shall be subject to change by the Board of Trustees.
- C. Add the following sentence after the first sentence of Section 6 (a):
Prior to recommending the appointment of such officers to the Board of Trustees, the President shall have the advice of the University Senates Conference.
- D. Delete reference to the Executive Vice President and Provost in the second sentence of Section 12 (b) and in Section 20 (c).
- E. Move the second sentence of Section 23 (c) to the *General Rules* and amend the reference therein to the Vice President and Comptroller to read Vice President for Financial Affairs.

A further simplification of the *Statutes* can be achieved by deletion of the sections descriptive of the Institute of Aviation, Institute of Labor and Industrial Relations, and the Institute of Government and Public Affairs (Sections 30, 31, and 32).

General provision for the establishment and organization of “institutes” is already made in the *Statutes* — providing for institutes at both the campus and

general university levels. (The Institute of Aviation and the Institute of Labor and Industrial Relations are campus level organizations; the Institute of Government and Public Affairs is a general university organization.)

Inasmuch as the generic references seem to cover the subject adequately, deletion of Sections 30, 31, and 32 appears appropriate.

I recommend provisional approval of the preceding revisions, with the stipulation that the Trustees defer final approval until the present action has been reported to the Senates and to the University Senates Conference for their information and further advice.

In presenting this recommendation, the President indicated his belief that the University Counsel should be designated as an officer of the Board of Trustees. With the consent of the Board, he stated that appropriate revision in the *By-Laws* would be submitted as soon as possible and would include as well the provision that the Trustees in electing the Secretary, Comptroller, and University Counsel should act with the advice of the President of the University.

On motion of Mr. Swain, provisional approval was given as recommended by the following vote: Aye, Mr. Forsyth, Mr. Hahn, Mr. Howard, Mr. Hughes, Mr. Karnes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie, Mr. Steger.

DISCONTINUANCE OF ACADEMIC CREDIT FOR COURSES OFFERED BY RELIGIOUS FOUNDATIONS, URBANA

(17) In June of 1971 the Board of Trustees considered a proposal, originating with the College of Liberal Arts and Sciences at Urbana-Champaign and approved by the Senate, to discontinue University credit for courses taught by the religious foundations. The proposal submitted to the Board was related to an earlier action by the Trustees (taken in December, 1965) to establish a program in religious studies. At the time the faculty of the College of Liberal Arts and Sciences proposed the new course of study, it further recommended that as soon as the program became operational, credit no longer be given by the College for courses taught by the religious foundations.

As noted in the recommendation to the Board last June, a minor in religious studies was subsequently approved by the Trustees and a director of the program appointed. Last August the Board approved a major in religious studies and on April 4, 1972, the Board of Higher Education approved the new major.

In its consideration of the question of discontinuing credit for courses taught by the religious foundations, the Urbana-Champaign Senate recognized that such courses can still be offered on a noncredit basis, should the foundations desire to do so. Currently a number of foundations are offering noncredit courses with considerable success.

In June, 1971, the Trustees deferred action on the recommendation, pending further study by the College of Liberal Arts and Sciences. Since that time, representatives from the College have held discussions with the directors of the religious foundations, seeking an accord on alternatives to University credit. They also investigated enrollment patterns in both the foundation programs and the religious studies program. Further, an arrangement has been developed in the College of Liberal Arts and Sciences whereby qualified personnel in the religious foundations can be appointed as "visiting" or "adjunct" professors on the staff of the program in religious studies. In addition, a program of jointly-sponsored public lectures would add to a climate of cooperation and the sharing of common interests. (A report on the discussions, on the University "Proposal for a New Relationship Between the Program in Religious Studies and the Religious Foundations at the University," on policies in comparable institutions, the history of enrollments and other data are supplied in a memorandum from Dean Robert W. Rogers to Chancellor J. W. Peltason, a copy of which is filed with the Secretary of the Board for record.)

On the basis of the studies and consultations referred to, the Dean of the College provides the following summary statement, in which the Chancellor at Urbana-Champaign concurs:

On the basis of our exploration and review of existing practices, we continue to believe that it is sound educational practice to provide credit only for study over which the faculty has control or where the program has been accredited by a regional association. This is the prevailing practice in higher education. Furthermore, any attempt to administer foundation courses by the College would be impractical. The College is not in a position to supervise and control courses which are denominationally oriented. The religious foundations should be free, on a non-credit basis, to develop courses which serve their respective student congregations. We have proposed an alternative which seems reasonable and acceptable to most of the religious foundations. We do not deny the importance of the opportunities, both educational and spiritual, provided by the religious foundations; we hope students will take advantage of them. In addition, well qualified personnel associated with one of the foundations and with an appropriate scholarly background can, with our College's approval, offer coursework for credit within the framework of the Religious Studies Program. We, therefore, request that the proposal as submitted to the Board of Trustees through the Urbana-Champaign Senate be acted upon favorably.

The College now has requested approval of the original proposal, viz.: that the granting of credit for courses taught by religious foundations be discontinued as of September, 1972, on a campus-wide basis. The Chancellor at Urbana-Champaign and the Executive Vice President and Provost support the recommendation.

The University Senates Conference has determined that no further Senate jurisdiction is involved.

I recommend approval.

In presenting the recommendation, the President noted that Chancellor Peltason, Dean Rogers of the College of Liberal Arts and Sciences, and representatives of the religious foundations were present and prepared to speak to the recommendation and to answer questions about it. Following extensive discussion among the Trustees and with those present from the campus and from the foundations, on motion of Mr. Hahn, the recommendation was not approved.

The following voted Aye (to disapprove): Mr. Forsyth, Mr. Hahn, Mr. Hughes, Mr. Karnes, Mr. Neal, Mr. Swain; nay: Mr. Howard, Mr. Pogue.

Following the action, President Corbally pointed out that under existing authority the College of Liberal Arts and Sciences is free to approve or disapprove for credit courses of the religious foundations and that such actions when taken would not ordinarily be brought to the Board of Trustees. Mr. Hughes and other trustees indicated that they would like to have a report on the criteria developed by the College by which it would make judgments as to individual courses.

DOCTOR OF PHILOSOPHY IN POLITICAL SCIENCE, CHICAGO CIRCLE
(18) The Chicago Circle Senate has recommended approval of a curriculum leading to the degree of Doctor of Philosophy in Political Science, to be initiated in the fall of 1973.

The new degree would be oriented toward problem areas in which most of the salient questions about politics are entertained. The problems that provide the foci for this program are generally those associated with contemporary urban life, including the following: the structure and processes of urban policy making; public policy issues associated with environment and quality of life, racial and ethnic politics, and the politics of poverty; political change; political participation; and political allegiance and alienation. Another principal concern will be to provide

sound training in various dimensions of political analysis in order that the student may bring to his examination of societal problems a theoretical perspective and analytic tools to help illuminate the problem at hand.

With urban problems standing at the top of national priorities, there is an urgent need for intensive basic and applied research on existing and alternate political structures and organizations for urban areas and, further, for the training of political scientists with special expertise and interest in urban problems. The Chicago Metropolitan Area offers one of the world's best examples of an urban and suburban complex and provides an ideal setting for supporting a major effort in political science research and graduate education.

The doctorate in political science is designed to respond to these needs. It will provide the campus with a strong program in one of the major social science disciplines which, together with the well-developed programs in sociology, psychology, and social work, will give the campus and the university the necessary foundation for major interdisciplinary problem solving efforts in the urban area. Most importantly, it represents a necessary element in the disciplinary foundation necessary to the development of the College of Urban Sciences. The program's close cooperation with that college will include the sharing of faculty and students.

The combination of a carefully focused curriculum and a variety of opportunities for field experience is designed to open up a number of career options to the student. Those who wish to pursue a career in traditional academic life will receive appropriate training in research and teaching activities. The program also seeks to promote the interests of those who wish to apply their training to careers involving a "problem solving" orientation, in settings ranging from government service to community organization.

The proposed program will be developed using primarily resources presently available; additional funds would be provided through expected normal allotments under the enrollment increase formula of the Board of Higher Education.

The Chicago Circle Graduate College has approved the program proposal and will be responsible for general supervision over its implementation.

The Chancellor at Chicago Circle and the Executive Vice President and Provost concur in this recommendation. The University Senates Conference has indicated that no other Senate jurisdiction is involved.

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

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

CURRICULUM IN INTERIOR DESIGN, URBANA

(19) The Urbana-Champaign Senate has recommended the establishment of an undergraduate curriculum in Interior Design leading to the degree of Bachelor of Science in Interior Design in the Department of Home Economics, College of Agriculture.

The proposed program is for students wishing to work professionally in the field of interior design. Emphasis is on interior space planning and related phases of environmental design in reference to the human. Graduates would be employed by interior design and space planning studios, department and retail stores, and county extension and urban renewal resource offices.

The proposed curriculum would require 120 credit hours (exclusive of physical education) for graduation. Included in this total would be 18 hours in professional interior design courses, 12 to 14 hours in other home economics courses, 28 hours in art, 40 to 42 hours in general liberal arts and 18 to 22 hours in electives.

Interior design as a profession has been in existence for about forty years. The interior designer is now serving the moderate-income families as well as the affluent and is being involved with programs to improve the environments of low-income groups. In fact, he is considered by some in related design professions to be the key instrument in the complicated business of environmental planning, because the interior designer is most closely associated with humanity and immediate surroundings.

The Dean of the College of Agriculture, the Chancellor at the Urbana campus, and the Executive Vice President and Provost concur in this recommendation. The University Senates Conference has indicated that no further Senate jurisdiction is involved.

I recommend approval, pending further action by the State Board of Higher Education.

On motion of Mr. Howard, this recommendation was approved. Mr. Hahn asked to be recorded as voting no.

ELECTIVE PHYSICAL EDUCATION PROGRAM, URBANA

(20) The Urbana-Champaign Senate has recommended approval of the establishment of an elective physical education program in lieu of the present required physical education.

It is presently required that students entering any branch of the University for the first time with less than sixty semester hours of credit are required to secure four semesters of credit in physical education including the amount transferred. Credit in these four semesters of required physical education is not included in the total hours or in the scholastic average required for graduation.

It is proposed to abolish the required physical education for all students and place it entirely on an elective basis. Credit earned in physical education courses starting with the summer session of 1972 may be included in the scholastic average at the discretion of the individual colleges and may at the discretion of the individual colleges be included in the total hours required for graduation.

There is substantial evidence in support of the contribution of physical education to an individual's physical, social, and emotional well-being, and the physical education departments are cognizant and supportive of changes which are occurring in society in general and in higher education in particular. It is felt that an elective physical education program would be compatible with contemporary societal trends and educational philosophy, and allow for active participation in self-selected physical activities.

The Dean of the College, the Chancellor at the Urbana campus, and the Executive Vice President and Provost concur in this recommendation. The University Senates Conference has indicated that no further Senate jurisdiction is involved.

I recommend approval.

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

DEPARTMENT OF PHYSICAL EDUCATION, URBANA

(21) The Urbana-Champaign Senate has recommended approval of a proposal for the consolidation of the Departments of Physical Education for Men and for Women into a single Department of Physical Education in the College of Physical Education effective September 1, 1972.

This consolidation is consistent with the University's goals and with national trends for change in physical education as a field of study. The existing programs sponsored by the Departments of Physical Education for Men and for Women are encompassed in this plan. It allows for revisions and additions to current programs consistent with the developing goals of the present Departments. This reorganization makes effective use and development of faculty expertise within the specified areas of study and will strengthen the formal and informal organization of the faculty, staff, and students. It also provides the basis for efficient assignment of facilities.

The Department of Physical Education will be organized with a head.

The Faculty of the Departments of Physical Education for Men and for Women, the Dean of the College of Physical Education, the Chancellor at the Urbana campus, and the Executive Vice President and Provost concur in this recommendation. The University Senates Conference has indicated that no further Senate action is required.

I recommend approval.

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

**CHANGES IN REGULATIONS GOVERNING THE DETERMINATION
OF RESIDENCY STATUS FOR ADMISSION AND
ASSESSMENT OF STUDENT TUITION**

(22) The following changes, to become effective September 1, 1972, are proposed in the "Regulations Governing the Determination of Residency Status for Admission and Assessment of Student Tuition" approved by the Board of Trustees on April 15, 1970.

1. In view of recent Illinois legislation which, for most purposes, equates the age of 18 to loss of minority status in the traditional sense, it is recommended, with the concurrence of the University Counsel, that the present differential between males and females on the basis of age should be dropped and that "adults" should be defined as all students 18 years of age or over. This would involve modifying the opening sentence of the attached regulations to read as follows:

"For the purposes of these regulations an 'adult' is considered to be a ~~male student 21 years of age or over, or a female student 18 years of age or over; a 'minor' student is a male student under 21 years of age or a female student under 18 years of age.~~"

2. In light of recent court decisions, a waiting period of six months could more easily be sustained than the present waiting period of twelve months. It is recommended, with the concurrence of the University Counsel, that the word "twelve" in each of Sections 2, 3, 5, and 9 of the attached regulations be changed to "six."

3. Questions have been raised concerning whether Section 6, "Married Student," or Section 7, "Persons without United States Citizenship," should take precedence in the case of a noncitizen of the United States of America who is married to a resident of the State. To resolve this question, it is recommended that Section 6 be revised as follows:

A Nonresident student *who is a citizen of the United States of America or who holds permanent resident status with the United States Immigration and Naturalization Service*, whether male or female, or a minor or adult, ~~or a citizen or noncitizen of the United States~~, who is married to a resident of the State, shall be classified as a Resident.

I concur in these recommendations.

On motion of Mr. Swain, these revisions were approved, to become effective September 1, 1972.

**MODIFICATION OF THE REQUIREMENTS FOR ADMISSION
TO THE COLLEGE OF MEDICINE, MEDICAL CENTER**

(23) The Senate at the Medical Center campus has approved a recommendation from the Committee on Admissions of the College of Medicine that the following specific requirements for admission to the College of Medicine be discontinued:

Biology: A full year's course at college level in biology (usually animal) with appropriate laboratory work. This course should emphasize the cellular and molecular aspects as well as the structure and function of living organisms.

Chemistry: Two years of college chemistry divided about equally between organic and inorganic. Laboratory work and familiarity with quantitative techniques are important aspects of this experience.

Physics: One full year of college credit physics (with laboratory experience).

Instead, the requirement would be stated as follows:

A student seeking admission to the College of Medicine may elect any major field of interest. Biology, chemistry through organic, physics or biophysics, and behavioral science will be particularly helpful in pre-

paring for study in the College of Medicine. However, major fields may be in the humanities, the fine arts, behavioral, biological or physical sciences. Mathematics through calculus is especially recommended for those anticipating advanced work in basic or clinical research.

The proposed revision would become effective for students seeking admission in September of 1973.

The University Committee on Admissions has endorsed the proposal. The Chancellor at the Medical Center and the Executive Vice President and Provost concur.

The University Senates Conference has indicated that no other Senate jurisdiction is involved.

I recommend approval.

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

CHANGE IN NAME OF THE CURRICULUM IN MEDICAL TECHNOLOGY, MEDICAL CENTER

(24) The Senate at the Medical Center campus has approved a recommendation from the School of Associated Medical Sciences that the name of the Curriculum in Medical Technology be changed to the Curriculum in Medical Laboratory Sciences.

The change is proposed in order to provide an administrative mechanism whereby the School of Associated Medical Sciences can respond to the increasing demand for specialists as well as generalists (medical technologists) in clinical laboratory medicine. Examples of specialties to which immediate attention would be given are cytotechnology and nuclear medicine technology. Other possible specialty areas are immunohematology, clinical microbiology, and clinical chemistry.

These several specialty areas would be incorporated into a single administrative unit designated "Curriculum in Medical Laboratory Sciences," with appropriate options to be selected by students.

The Chancellor at the Medical Center and the Executive Vice President and Provost concur.

The University Senates Conference has indicated that no other Senate jurisdiction is involved.

I recommend approval.

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

REFUNDS OF TUITION AND FEES

(25) The University Committee on Fees recommends a change in the present policy concerning refunds of tuition and fees to students who withdraw from the University or reduce their programs to a lower fee assessment range.

Board of Trustees action on February 21, 1962, specified that a refund of the full amount of tuition and fees assessed — except for a nonrefundable charge — be made to students who withdraw during the first ten days of instruction, and that a refund of one-half of the amount of tuition and fees — less the nonrefundable charge — be made to students who withdraw after the tenth day of instruction but during the first half of the term.

The Committee now recommends that, effective for the Fall 1972 term and thereafter, full refund minus the nonrefundable charge be continued for students who withdraw during the first ten days of instruction, but that no refunds be made thereafter, except in case of withdrawal for active service in the Armed Forces or other approved National Defense Service. Special refund policies are now in effect, and would be continued, for "withdrawal for active service in the Armed Forces or other approved National Defense Service," relating the amount of the refund to the amount of credit for which the student is eligible.

The Trustees' action of 1962 also stated that a student who reduces his registration to a lower fee assessment range would receive a refund of the full amount of the difference if the change was made during the first ten days of instruction, and one-half of the difference if the change was made after the tenth day of instruction but during the first half of the term.

The Committee now recommends that, effective for the Fall 1972 term and thereafter, a refund of the full amount of the difference be continued for reductions in programs to lower fee assessment ranges during the first ten days of the term, but that no refunds be made for reductions to lower fee assessment ranges thereafter.

During an eight week summer session, the period for refunds in cases of withdrawal or reduction in registration to a lower fee assessment range would be limited to the first five days of instruction.

The policy of "no refunds after the tenth day of instruction" is now in effect at the other state universities in Illinois. Official University enrollment figures are fixed as of the tenth day of instruction, and provisions for faculty, instructional facilities, and student services have been made for all students registered on that date.

I concur in the recommendations of the University Committee on Fees.

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

TRANSFER OF ADMINISTRATIVE JURISDICTION OF THE CENTER FOR CRANIOFACIAL ANOMALIES, MEDICAL CENTER

(26) On February 21, 1968, the Board of Trustees authorized the renaming and reorganization of the Cleft Palate Clinic and Training Program (Cleft Palate Unit) at the Medical Center campus. The new unit was designated the Center for Craniofacial Anomalies and is administered primarily through the Office of the Dean of the College of Dentistry. The Senate at the Medical Center now has recommended that the primary administrative jurisdiction be transferred to the Office of the Dean of The Abraham Lincoln School of Medicine.

The Center has become increasingly interdisciplinary in nature, melding research, education, and patient care in distinctive and beneficial ways. It is a valuable setting for the teaching of medical students of The Abraham Lincoln School of Medicine and house officers of the University of Illinois Hospital, as well as undergraduate and postgraduate dental students. It has developed conjoint activities with a number of departments and faculty members of The Abraham Lincoln School of Medicine and the majority of the Center's academic staff now hold appointments in that School.

The recommendation is endorsed by the Director of the Center, the Dean of the College of Dentistry, and the Dean of The Abraham Lincoln School of Medicine.

The Chancellor at the Medical Center campus and the Executive Vice President and Provost concur in this recommendation.

The University Senates Conference has indicated that no other Senate jurisdiction is involved.

I recommend approval.

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

MEDICAL SERVICE PLAN FOR THE OFFICE FOR FAMILY PRACTICE OF THE ROCKFORD SCHOOL OF MEDICINE, MEDICAL CENTER

(27) The Dean of the Rockford School of Medicine and the Executive Dean of the College of Medicine have recommended the approval of a Medical Service Plan for the Office for Family Practice of the Rockford School of Medicine.

On July 26, 1967, the Board of Trustees approved a Medical Service Plan for the College of Medicine and the University of Illinois Hospital. Under the Plan, medical and surgical fees are now charged by the physician-faculty members of The Abraham Lincoln School of Medicine. The funds that accrue through the voluntary assignment of professional fees by the physician-faculty members are used to strengthen the programs of the College of Medicine and the University of Illinois Hospital.

On October 13, 1969, the Governor signed Public Act 76-1942 requiring the teaching of the general practice of medicine in all medical schools established and maintained by the State of Illinois. On June 17, 1970, the Board of Trustees approved the establishment of Departments of Family Practice within the clinical schools of the College of Medicine. The Illinois Board of Higher Education gave its approval on February 2, 1971.

Accordingly, the Rockford School of Medicine has established a department known as the Office for Family Practice through which it will conduct its family practice programs. Because the Office for Family Practice will provide patient care services on a fee for service basis, it is necessary that the current Medical Service Plan be extended to include certain physician-faculty members of the Rockford School of Medicine. The funds that accrue through the adoption of the plan and the voluntary assignment of professional fees by the physician-faculty members will be used to strengthen the programs of the College of Medicine and the Rockford School of Medicine. In accordance with the applicable State statute, the billing, collecting, and disbursing of such funds shall remain exclusively under the supervision and control of the physician-faculty members under a plan established by them, provided no charges may be made or collected until such plan has been approved by the University. Additionally, the Office for Family Practice will be designated a clinic of the University of Illinois Hospital, and the Director of the Office will be appointed an Assistant Director of Clinics of the University of Illinois Hospital.

A copy of the proposed Medical Service Plan for the Office for Family Practice is being filed with the Secretary of the Board for record. The President of the University is authorized to approve minor modifications in the Plan as may be required in the future.

The Chancellor at the Medical Center, the Executive Vice President and Provost, and the Vice President and Comptroller endorse this plan.

I recommend approval.

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

ROLL CALL ITEMS

Mr. Swain moved that a roll call vote be taken, said roll call to be considered the roll call vote on each of the next four items, and that the Secretary be instructed to record such vote as the separate vote of each Trustee on each item.

This motion was adopted by the following vote: Aye, Mr. Forsyth, Mr. Hahn, Mr. Howard, Mr. Hughes, Mr. Karnes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie, Mr. Steger.

CONTRACTS FOR CONTRACTORS' FEES FOR REMODELING IN ILLINOIS SURGICAL INSTITUTE, MEDICAL CENTER

(28) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts based on percentages bid for contractors' fees for remodeling patient care areas of the Orthopedics Department on the first floor of the Illinois Surgical Institute Building, the award in each case being to the low base bidder:

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contract</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General — J. S. Drew, an Individual doing business as J. S. Drew Construction Co., Palatine.....	8	29	6	\$1 170	\$ 8 570
Plumbing — Ewing Plumbing Inc., River Forest	20	25	0	500	2 600
Heating & Air Condi- tioning — Nu-Way Contracting Corp., Chicago	10	34	4	943	6 293

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contract</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
Ventilating — Merchants Heating & Air Conditioning, Inc., Chicago.....	28	42	0	182	682
Electrical — Gerson Electric Construction Co., Chicago	4	32	2	7 408	39 308
<i>Total</i>					<u>\$57 453</u>

Funds for this work are available in State capital appropriations to the University and have been released by the Governor, and in the University Hospital Income Account.

A schedule of bids received has been filed with the Secretary of the Board for record.

On motion of Mr. Swain, these contracts were awarded by the following vote: Aye, Mr. Forsyth, Mr. Hahn, Mr. Howard, Mr. Hughes, Mr. Karnes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie, Mr. Steger.

CONTRACTS FOR REMODELING IN GENERAL HOSPITAL BUILDING, MEDICAL CENTER

(29) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for remodeling space occupied by the Department of Dermatology and the Department of Obstetrics and Gynecology on the third floor of the General Hospital, Medical Center campus, the award in each case being to the low base bidder:

General — J. S. Drew, an Individual doing business as J. S. Drew Construction Co., Palatine.....	\$34 889
Plumbing — Peter H. Smith Company, Chicago.....	15 880
Heating and Air Conditioning — Merchants Heating and Air Conditioning, Inc., Chicago	9 200
Ventilating — Northlake Engineering Company, Addison.....	3 860
Electrical — G & M Electrical Contractors Co., Chicago.....	17 219
<i>Total</i>	<u>\$81 048</u>

It is further recommended that all contracts other than the contract for general work be assigned to the contractor for general work, making the total of his contract \$81,048, and that an agreement be entered into with J. S. Drew, an individual doing business as J. S. Drew Construction Co., for the supervision of the other contracts assigned to the general contractor. The fee for this assignment is included in the base bid for the general work.

Funds for this work are available in the University Hospital Income Account.

A schedule of bids received has been filed with the Secretary of the Board for record.

On motion of Mr. Swain, these contracts were awarded by the following vote: Aye, Mr. Forsyth, Mr. Hahn, Mr. Howard, Mr. Hughes, Mr. Karnes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie, Mr. Steger.

EASEMENT TO NORTHERN ILLINOIS WATER CORPORATION FOR SOUTH FIRST STREET ROAD WATER MAIN

(30) The President of the University, with the concurrence of appropriate administrative officers, recommends granting to the Northern Illinois Water Corporation a permanent 40-foot wide easement along the east forty feet of South First Street

Road for construction of an 8-inch water main which will provide improved water service to the Urbana campus. The easement would extend from a point near the site of the WILL transmitter approximately 1,336 feet north to Windsor Road extended. The President further recommends that the following resolution be adopted.

**Resolution Authorizing a Permanent Forty-Foot Wide Easement to
Northern Illinois Water Corporation for Water Main
Along South First Street Road**

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 Comptroller and the Secretary of this Corporation be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract or other document or documents as to them may seem necessary or desirable in order to grant to NORTHERN ILLINOIS WATER CORPORATION, an Illinois Corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and easement to construct, reconstruct, operate, maintain, repair, alter, replace, move and remove an eight-inch (8") water main and other equipment appurtenant thereto, under, through, and across the land hereinafter described and the right of ingress to and egress therefrom. Grantee shall agree to repair any damage caused to property of this Corporation by the construction, reconstruction, operation, maintenance, renewal, or removal of said water main, and to indemnify the University and its representatives from liability in connection with its activities; the term of said easement to be for such period as the easement may be used for the above-described purposes, but upon the discontinuation of use of, or abandonment of, said water main, said easement to thereupon cease and determine without necessity of reentry or demand; the rights and easement granted to be limited to the extent that this public Corporation has the present right and capacity to grant the same. The right-of-way easement shall be over the following-described property:

Situated in the State of Illinois, the County of Champaign and being a part of Section Thirty (30), Township 19 North (T 19 N), Range 9 East (R 9 E), of the Third Principal Meridian (3rd P.M.), and being more fully bounded and described as follows:

The West Forty (40) feet of the North One-half (N ½) of the North West Quarter (NW ¼) of said Section Thirty (30) said parcel containing 1.23 acres, more or less.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Forsyth, Mr. Hahn, Mr. Howard, Mr. Hughes, Mr. Karnes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie, Mr. Steger.

INCREASED SPACE FOR PEORIA SCHOOL OF MEDICINE

(31) On September 15, 1971, the Board of Trustees authorized a lease agreement with Bradley University, Peoria, for space for the Peoria School of Medicine. In accordance with the provisions of this lease, the President of the University, with the concurrence of appropriate administrative officers, recommends execution of a modification to provide for increasing the current amount of leased space by approximately 8,600 net assignable square feet at the base rental rate of \$2.30 per NASF per year including operating costs. This space will be remodeled by Bradley University for additional offices and laboratories for the staff and teaching program of the Peoria School of Medicine at a cost not to exceed \$130,000. These costs will be reimbursed to Bradley University in accordance with the lease.

Funds are available in the current operating budget of the College of Medicine and from federal funds granted to the College for increasing health manpower. Funds required after FY1972 will be provided in the operating budget of the College of Medicine on an annual basis.

On motion of Mr. Swain, this recommendation was adopted by the following vote: Aye, Mr. Forsyth, Mr. Hahn, Mr. Howard, Mr. Hughes, Mr. Karnes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie, Mr. Steger.

**SELECTION OF FIRST NATIONAL BANK OF
ROCKFORD, ILLINOIS AS A DEPOSITARY**

(32) The Vice President and Comptroller recommends the selection of the First National Bank of Rockford, Illinois as a depositary for a University checking account.

The account so established will be used primarily to deposit receipts from the Medical Service Plan of the Office for Family Practice of the Rockford School of Medicine.

I concur and recommend the adoption of the attached resolutions:

Resolutions

Be It Resolved, That First National Bank and Trust Company of Rockford be and is hereby designated a depositary of the funds of this corporation and that any officer of this corporation be and is hereby authorized for and on behalf of this corporation, to open and maintain an account or accounts with said Bank and make such arrangements for the conduct thereof as to him shall seem proper; and that any officer, employee or agent of this corporation be and is hereby authorized to deposit the funds of this corporation therein and endorse for deposit negotiable instruments and orders for the payment of money, which endorsements may be made in writing or by a stamp with or without designation of the person so endorsing; in the absence of any such endorsement, said Bank be and is hereby authorized to make such endorsement itself for deposit in the name of this corporation, and that on all such items deposited, all prior endorsements are guaranteed by this corporation whether or not an express guaranty is incorporated in such endorsements.

And Be It Further Resolved that any TWO of the following:

RICHARD C. PETERS
L. P. JOHNSON
ROBERT L. EVANS

are hereby authorized to sign any and all checks, drafts, and orders, including orders or directions in informal or letter form withdrawing funds from any account of this corporation, and said Bank is hereby authorized and directed to honor and pay any and all checks, drafts or orders so signed and drawn and charge them to the account or accounts of this corporation, without inquiry as to the circumstances of their issue or the disposition of their proceeds, whether such checks be payable to the order of or endorsed or negotiated in their individual capacities, or deposited to the individual credit of any officer or person signing them, or any other person or officer, and without inquiry in regard to the use of said checks, drafts or orders, or the proceeds thereof by such officers or persons.

And Be It Further Resolved that all prior resolutions heretofore adopted by this corporation authorizing the maintenance of its accounts and the transaction of its business with said Bank, be and the same hereby are revoked and cancelled.

And Be It Further Resolved that each of the foregoing resolutions shall continue in force until express written notice of its rescission or modification has been received by the said Bank, but if the authority contained in them should be revoked or terminated by the operation of law without such notice, it is resolved and hereby agreed for the purpose of inducing the said Bank to act thereunder, that the said Bank shall be saved harmless from any loss suffered or liability incurred by it in so acting after such revocation or termination without such notice.

And Be It Further Resolved that the Secretary or any other officer of this corporation, is hereby authorized and directed to certify a copy of these resolutions and the names of its officers and such other employees as may be authorized to act in its behalf, to said Bank and said Bank is hereby authorized to rely and act upon such resolutions and certificate until formally advised by a like certificate of any changes therein.

On motion of Mr. Swain, the foregoing resolution was adopted.

**APPLICATION FOR GRANT FUNDS UNDER PART B, TITLE
VII, OF THE PUBLIC HEALTH SERVICE ACT**

(33) The Public Health Service Act authorizes Federal grant funds to assist in the construction of new facilities and the expansion, replacement, or rehabilitation of existing schools of medicine, osteopathy, dentistry, public health, pharmacy, optometry, podiatry, and veterinary medicine. The requirements for the submission of an application for a grant under this Act necessitate the adoption of a formal resolution by the governing board of an institution, authorizing the filing of the application, including all understandings and assurances contained therein, and directing and authorizing the person identified as the official representative of the applicant to act in connection with the application and to provide such additional information as may be required.

In compliance with these regulations, the Executive Vice President and Provost and the Vice President and Comptroller recommend that The Board of Trustees of the University of Illinois adopt the resolution submitted herewith. I concur.

**Resolution Authorizing the Filing of Application for Grant Funds
Under Part B, Title VII, of the Public Health Service Act**

WHEREAS, the Public Health Service Act authorizes Federal grants to assist in the construction of new facilities and the expansion, replacement, or rehabilitation of existing schools of medicine, osteopathy, dentistry, public health, pharmacy, optometry, podiatry and veterinary medicine; 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 grants 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 construction grant under the aforementioned act for the project described as follows:

College of Dentistry Building, Phase II at Medical Center.

Now, Therefore, Be It Resolved, That an application for the project described is authorized and directed to be filed with the National Institutes of Health, Department of Health, Education and Welfare, United States of America; and be it further

Resolved, that The Board of Trustees of the University of Illinois designate David W. Bonham, Director of Business Affairs of the University of Illinois at the Medical Center, as the officer authorized to file the application and act as the representative of this Board in connection with said application.

Signed _____

EARL M. HUGHES, *President*
The Board of Trustees of the
University of Illinois
May 17, 1972

On motion of Mr. Hahn, the foregoing resolution was adopted.

PURCHASES

(34) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller.

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

Recommended..... \$ 45 760 73

From Institutional Funds

Recommended..... 866 312 19

Grand Total \$912 072 92

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. Forsyth, the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(35) 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.

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

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

Chicago Circle

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Environmental Protection Agency 68-02-0346	Preparation of lectures on air resources management aspects of regional land use planning	\$ 34 565
MacNeal Memorial Hospital	Evaluation of the "Youth in Crisis" project	29 422
Park Forest Elementary School District #63	School desegregation project	8 296
United States Air Force F33615-72-C-1783	Quantum detection of ultrasonic-electron spin interactions	7 000
<i>Total</i>		<u>\$ 79 283</u>

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Atomic Energy Commission: AT(11-1)-1652	Genetic potential of certain populations of drosophila	\$ 9 968
United States Navy N00014-69-A-0090-0002	Coast pattern recognition	24 526
<i>Total</i>		<u>\$ 34 494</u>

Medical Center

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Regional Medical Program, Inc.	Implement tissue typing component of Illinois kidney disease program	\$ 9 931
<i>Total</i>		<u>\$ 9 931</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Elselt Ventilating Company	Cost plus—ventilation work: Illinois Eye and Ear Infirmary, Room B-48	\$ 5 200
<i>Total</i>		<u>\$ 5 200</u>

Urbana-Champaign

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Northern Illinois University	Consulting agreement for the development of long-range campus planning at Northern Illinois University	\$ 40 700
United States Air Force F19628-72-C-0199	Analyze and study silicon extrinsic detectors	94 500
United States Army: DAAB07-72-C-0146	Design of a radio-location system for the HF/VHF range	159 875
DACA23-72-C-0016	Survey of attitudes towards facilities, administration of survey tools and data reduction processing	45 400
United States Department of Health, Education and Welfare: OEG-5-72-0038	The utilization of questions in text materials for facilitating learning	7 375
OEG-0-72-1382	Why families invest in higher education	49 505
United States Navy N00014-67-A-0305-0021	Display data integration	45 130
<i>Total</i>		<u>\$442 485</u>

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Agency for International Development AID/nesa-549	Technical advice and assistance for India agriculture development	\$ 8 900
National Aeronautics and Space Administration NGR14-005-149	Local pressure field in turbulent shear flow and its relation to aerodynamic noise generation	38 036
United States Atomic Energy Commission AT(11-1)2007	Study of advanced methods for nuclear reactor gas laser coupling	56 243
United States Department of Justice J-LEAA-014-70	Planning and design of regional and community correctional centers for adults	300 000
United States Navy N00014-67-A-0305-0002	Radio direction finding techniques over broad bands of frequencies to obtain accurate information on intercepted signals	20 000
<i>Total</i>		<u>\$423 179</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Gladney Brothers	Cost plus—general work: Extension of sanitary sewer laterals, Veterinary Medicine Research Farm	\$ 11 500
<i>Total</i>		<u>\$ 11 500</u>

Summary

Amount to be paid to the University:	
Chicago Circle.....	\$113 777
Medical Center.....	9 931
Urbana-Champaign.....	865 664
<i>Total</i>	<u>\$989 372</u>
Amount to be paid by the University:	
Medical Center.....	\$ 5 200
Urbana-Champaign.....	11 500
<i>Total</i>	<u>\$ 16 700</u>

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(37) The Comptroller presented his quarterly report to the Board as of March 31, 1972.

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

**REQUEST TO ILLINOIS BUILDING AUTHORITY FOR CHANGE
ORDERS IN ARCHITECTURAL PROFESSIONAL SERVICES
AGREEMENTS, MEDICAL CENTER AND URBANA**

(38) In his budget message on March 1, 1971, the Governor adopted a new procedure for releasing capital projects for construction. The Board of Higher Education was asked to reevaluate all projects not under construction to be assured that the projects were still justified in accordance with Master Plan—Phase III. If justified, each project was to be reviewed by an intra-agency group called the Construction Review Task Force.

Three University projects on which construction contract documents were substantially complete were recently reviewed. As a result, certain design and program revisions have been recommended for these projects which, it is anticipated, will result in project cost savings. Revisions to the construction contract documents will be necessary before the projects can be bid and will result in additional work for the architect, which is an additional service under the executed Architectural Professional Services Agreements.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to issue change orders to provide for payments for additional services as provided under the Architectural Professional Services Agreements for the following projects and at the estimated amounts:

<i>Project</i>	<i>Architect</i>	<i>Estimated Amount of Change Order</i>
<i>Medical Center Campus</i>		
College of Dentistry Building, Phase II	Graham, Anderson, Probst & White	\$38 230
<i>Urbana-Champaign Campus</i>		
Medical Sciences Building	Fugard, Orth & Associates	\$22 000
Veterinary Medicine Hospital Building, Phase II, Large Animal Clinic	The Perkins & Will Partnership	\$38 500

Funds are available in the Illinois Building Authority project budgets.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Forsyth, Mr. Howard, Mr. Hughes, Mr. Karnes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie, Mr. Steger. Mr. Hahn asked to be recorded as not voting.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO USE PHASED
CONSTRUCTION AND CONSTRUCTION MANAGEMENT FOR THE
LIBRARY OF THE HEALTH SCIENCES, MEDICAL CENTER**

(39) At the April 19, 1972, meeting of the Buildings and Grounds Committee, a proposal was presented for the use of phased construction and construction manager procedures for the Library of the Health Sciences project. Subsequently, the staffs of the Office of Physical Plant Planning and Construction and the Illinois Building Authority developed criteria and procedures required for the employment of a construction manager. The staffs have also interviewed ten firms and received proposals from six firms interested in providing such professional services. On the basis of the proposals received, the staffs of the Illinois Building Authority and the Office of Physical Plant Planning and Construction concur that Turner Construction Company, Chicago, should be engaged as the construction manager.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees concur in the Illinois Building Authority's employment of Turner Construction Company, at a fee of \$169,500 for professional construction management services for the Library of the Health Sciences at the Medical Center Campus and that phased construction procedures be utilized on this project.

Funds are available in the Illinois Building Authority project budget.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Forsyth, Mr. Howard, Mr. Hughes, Mr. Karnes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie, Mr. Steger. Mr. Hahn asked to be recorded as not voting.

**REQUEST TO ILLINOIS BUILDING AUTHORITY FOR CHANGE ORDER
TO ARCHITECTURAL PROFESSIONAL SERVICES AGREEMENT
FOR CLASSROOM-OFFICE AND STUDENT SERVICES
BUILDING, CHICAGO CIRCLE**

(40) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to issue a change order increasing the Architectural Professional Services Agreement with Harry Weese & Associates, Ltd., Chicago, in an estimated amount of \$58,000 for all professional services necessary for revising the completed construction contract documents for the Classroom-Office and Student Services Building to include facilities for the Office of Admissions and Records. Funds are available in the Illinois Building Authority project budget.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Forsyth, Mr. Howard, Mr. Hughes, Mr. Karnes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie, Mr. Steger. Mr. Hahn asked to be recorded as not voting.

SECRETARY'S REPORT

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

**ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD
FUTURE MEETINGS**

President Hughes called attention to the schedule for the next two meetings of the Board: June 21 and July 19, both to be held in Urbana-Champaign.

RECESS AND EXECUTIVE SESSION

The meeting was recessed and the President of the Board stated that an executive session had been requested for the consideration of recommendations relating to property acquisition and patentable discoveries.

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 President of the University presented the following recommendations.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

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

I concur in these recommendations.

1. *Enteric Delivery Systems to Elicit Immunological Responses*—Angel S. Arambulo, Associate Professor of Manufacturing Pharmacy and Director of Manufacturing Pharmacy Service, Medical Center, and Deam H. Ferris, Associate Professor of Veterinary Pathology and Hygiene and Veterinary Research, Urbana, inventors.

Using virus cultures containing the appropriate strain in the proper form, the material is converted into pellets of approximately 1/16" in diameter by a process of either coating the lyophilized culture onto the sucrose pellets with the aid of some appropriate binder, enveloping the resulting pellets with some appropriate film forming material which is resistant to attack by gastric fluid, but not by intestinal fluid; or by a process of enveloping the culture and forming liquid pellets of 1/16" in diameter with the aid of appropriate film forming colloids which are resistant to gastric fluid, but not to intestinal fluid, the pellets are subsequently dried and sized with appropriate material. The resultant pellets are filled into hard gelatin in appropriate doses for vaccination and, in the case of other biologicals, for appropriate medication. The entire procedure must be carried out in a manner suitable to the nature of the biological being prepared so that it is not denatured.

Because of commercial feasibility, a patent application has been filed. The Committee recommends that the rights of the University in this invention be transferred to the University of Illinois Foundation.

2. *Illini Hot Pink: A Chrysanthemum Plant*—John Robert Culbert, Professor of Floriculture in Horticulture, Urbana, inventor.

Illini Hot Pink has the following unique and distinctive characteristics:

- 1) a satiny reddish-purplish pink color that resists fading to a remarkable degree even during extremely high temperatures; 2) the slow opening of the florets and its ability to retain its form give it a long "shelf life" for the grower, retailer and consumer; 3) the speed of flower bud development even during extremely high temperatures enables it to flower on time and without the costly "heat stalling" characteristic of most pink chrysanthemums on the market; 4) the flowers are large (4½ to 5 inches in diameter) when grown disbudded as recommended. Since the plants average 4 to 5 breaks each, the display of flowers is large and showy.

Because marketing will soon begin on this plant, a patent application should be filed, and accordingly, the Committee recommends that the rights of the University in this invention be transferred to the University of Illinois Foundation.

3. *Illini Spinwheel: A Chrysanthemum Plant*—John Robert Culbert, Professor of Floriculture in Horticulture, Urbana, inventor.

Illini Spinwheel has the following unique and distinctive characteristics:

- 1) pure white spoon-tipped daisy flowers averaging 2 inches in diameter; 2) a prolific flowering habit with 80-100 flowers being produced on well-grown spray type pot plants with 5 cuttings per 6-inch pot; 3) sturdy plants that average 5-7 breaks per pinched plant; 4) efficient flowering characteristics requiring only 9-10 weeks total crop time. These characteristics enable it to be produced inexpensively for sale in mass-market outlets for which purpose it was primarily bred. It becomes for these reasons the first of its kind on the market.

A patent application has already been filed on this idea, an action which was necessary because of a time limitation and which was authorized by University administrative officials. The Committee, therefore, recommends that the rights of the University in this invention be transferred to the University of Illinois Foundation.

4. *High Efficiency Light-sensitive Semiconductor Electro-chemical Cell*—Paul Handler, Professor of Electrical Engineering and Physics, Urbana, and Abdulmajid Usman Momin, Research Engineer in the Physics Department, Urbana, inventors; developed under the sponsorship of Advanced Research Projects Agency and Army Research Office.

This is a semiconductor interfacial device consisting essentially of: (a) a semiconductor wafer to which a lead is attached making an ohmic contact, the lead being covered with a layer of epoxy resin or other inert insulation; and (b) a counter electrode which may consist of a noble metal like platinum.

University Patents, Inc., reported its opinion that a patent application should be filed on this idea, and accordingly, the Committee recommends that the rights of the University in this invention be transferred to the University of Illinois Foundation, subject to the rights of the sponsors.

5. *Techniques for Realizing Optical Readout in Plasma Display Terminal Applications*—Roger L. Johnson, Assistant Professor of Electrical Engineering and Research Assistant Professor in the Coordinated Science Laboratory and CERL, Urbana, and William Coates, Research Physicist in the Coordinated Science Laboratory, Urbana, inventors; developed under the sponsorship of Rome Air Development Center and Joint Services Electronics Program.

A single photodetector is arranged to collect light from all cells of the plasma display panel. In the read-out mode, select signals are applied only to the electrodes that intersect at the cell being interrogated. The read-out signal is identical to one cycle of the sustain signal. If the cell being interrogated is in the "one" or "on" state, the signal produces two discharge events which emit light. If the cell is in the "zero" or "off" state, the read-out signal produces no discharge events and thus no light output. The presence or absence of the discharge light output indicates the state of the cell. The photodetector observes the panel during this interrogation interval and converts the occurrence or nonoccurrence of the optical signals into appropriate electrical levels which are in turn converted into digital signals that correspond to the state of the cell.

University Patents, Inc., has studied this invention and feels that a patent application should be filed. Accordingly, 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 agencies.

6. *Concept for Prestressing or Post-tensioning of Steel Ships*—William J. Hall, Professor of Civil Engineering, Urbana, and Nathan M. Newmark, Professor of Civil Engineering and Head of the Department, Urbana, inventors; developed under the sponsorship of the United States Navy Bureau of Ships.

Prestressing, in its simplest form, can be thought of as a self-reacting system. For example, a prestressed beam, whether it be concrete or steel, is composed of the beam, anchor blocks at each end of the beam, and wires, cables, rods or tendons which are strung through the length of the beam. In one form of prestressing, the wires are tensioned, and the concrete beam cast; when the concrete has hardened, and the wires cut free at the extremities, the contraction of the wires stresses the beam; this process is denoted as prestressing in the sense that the beam is stressed prior to application of the normal loadings. An alternate scheme, often denoted by the term prestressing but better described as post-tensioning, involves casting the beam or structure with hollow ducts or guides, whether it be steel or concrete, and after construction tensioning the wires against the anchor plates to obtain the same favorable stress distribution described above. By judicious location of the tendons, portions of the beam or structure can be placed in a state of stress such that when subsequently loaded by the normal loadings to which the beam is subjected, the stress state is enhanced so far as yielding or cracking tendencies are concerned and the beam can generally carry a larger load than would otherwise be the case. From the point of safety of ship operation, protection of cargo, and protection of the life of the operating personnel, in the event of cracking or fracture, such tendons should help keep the ship intact to the point that it could make way, or be towed, to a port for repairs, in contrast to complete catastrophic failure, with loss of ship, life, and cargo.

University Patents, Inc., reports that patentability of this idea is doubtful; and the inventors report that they do not wish personally to apply for a patent. Accordingly, the Committee recommends that the rights of the University in this invention be assigned to the sponsor, the United States Navy Bureau of Ships.

7. An Automatic Variable Attenuator with Constant Amplitude and Phase Output—Michael J. McNutt, Research Assistant in Electrical Engineering, Urbana, inventor; developed under the sponsorship of the United States Army.

At low frequencies, the phase difference between two signals of the same frequency is measured directly by gating the two signals and time averaging the overlap. Because the gating is sensitive to the signal slope around zero volts, amplitude variations must be eliminated. This is commonly done by amplifying to saturation in order to obtain a square wave independent of the input amplitude. This technique, however, introduces a variable storage delay time which requires very expensive devices to minimize. With this device, the two signals of a phase meter would be of equal amplitude at the gating stage. There would be no variable storage delay and the changes in rise and fall time due to the varying first derivative at varying frequency should cancel. The advantages of this device over previous ones are economy, accuracy and ease of operation (no calibration or tuning is required).

University Patents, Inc., reports that there will be only military applications of this idea, and accordingly, because the Army has indicated that it wishes the rights released to it, the Committee recommends that the rights of the University be assigned to the United States Government. (Information has been received that the Army has filed a patent application.)

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

ACQUISITION OF LAND FOR ALLERTON TRUST FARMS

(42) The University will lose a part of the Allerton Trust Farms due to the construction of Highway I-72. The exact acreage to be lost cannot be determined until the site of the highway is finally determined. It is estimated, however, that it will be approximately 85 acres.

Mr. Floyd Remmers of Monticello has offered to sell to the University forty acres of his farm for \$1,000 per acre. These forty acres are contiguous to Allerton Trust Farms Nos. 1 and 2 and contain Flanagan silt loam (one of the best soils) and have no buildings. Funds are available in the Allerton Trust Farms Operations to finance the purchase and could be used for this purpose.

The Vice President and Comptroller recommends the Board of Trustees authorize the acquisition from Mr. Remmers of the following described property at a price not to exceed \$1,000 per acre:

the Southwest Quarter (SW $\frac{1}{4}$) of the Northwest Quarter (NW $\frac{1}{4}$) of Section Sixteen (16), Township Eighteen North (T 18 N), Range Five East (R 5 E), of the Third Principal Meridian (3rd P.M.) situated in the County of Piatt and State of Illinois.

On motion of Mr. Swain, this acquisition was authorized by the following vote: Aye, Mr. Forsyth, Mr. Hahn, Mr. Howard, Mr. Hughes, Mr. Karnes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie, Mr. Steger.

DESIGNATION OF SITE AND OPTIONS TO LEASE AND PURCHASE LAND FOR PEORIA SCHOOL OF MEDICINE

(43) The University has been negotiating for a site of approximately 25.3 acres on land owned by the Peoria Cemetery Company in the northwest corner of the Parkview Cemetery property at the intersection of Interstate Route 74 and Gale Avenue, Peoria, as the site for the Peoria School of Medicine. In order to insure the availability of all of this land, it is desired to enter into an option agreement with the owners for options to lease and options to purchase this land. The option will be available for a period of 130 days for a consideration of \$1,000, which amount will be applicable towards the purchase price if the option to purchase is exercised. The \$1,000 is available in non-State funds in the College of Medicine at the Medical Center campus. The agreement provides options for:

1. Leasing 20.3 acres of land at an annual rental of \$8,000 and the option to

extend this lease upon the same terms and conditions for two additional single year periods, plus the further option to purchase this land at a price of \$200,000 during any of the lease periods. Any option or lease monies paid will be applicable to the purchase price.

2. Leasing five acres of land at an annual rental of \$2,000 and the option to extend this lease upon the same terms and conditions for two additional single year periods, plus the further option to purchase this land at a price of \$75,000 during any of the lease periods. Any lease monies paid will be applicable to the purchase price.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the foregoing land at the intersection of Interstate Route 74 and Gale Avenue, Peoria, be designated for the site for the Peoria School of Medicine and further that authorization be given to the Comptroller and Secretary of the Board to execute the option agreement as described.

During the initial 130 day period, the financing and the feasibility of exercising the lease and purchase options for both parcels of land as outlined above will be reviewed with the staffs of the State Board of Higher Education and the Bureau of the Budget and a further recommendation will be submitted to the Board.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Hahn, Mr. Howard, Mr. Hughes, Mr. Karnes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie, Mr. Steger. Mr. Forsyth asked to be recorded as not voting.

On motion of Mr. Swain, the Board adjourned.

EARL W. PORTER
Secretary

EARL M. HUGHES
President

LUNCHEON GUESTS

A group of student leaders from the Chicago Circle campus were guests of the Board at luncheon.