

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

October 20, 1978



The October meeting of the Board of Trustees of the University of Illinois was held at Allerton House, Allerton Park, Monticello, Illinois, on Friday, October 20, 1978, beginning at 9:30 a.m.

President George W. Howard III 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. Robert J. Lenz, Mr. Park Livingston, Mr. Earl Langdon Neal, Mrs. Jane Hayes Rader, Mrs. Nina T. Shepherd, Mr. Arthur R. Velasquez. Governor James R. Thompson was absent. The following nonvoting student trustees were present: Miss Venus D. Kooper, Chicago Circle campus; Mr. Paul A. Sobotka, Medical Center campus; Mr. Charles S. Watson, Urbana-Champaign campus.

Also present were President John E. Corbally; Chancellor Joseph S. Begando, Medical Center campus; Chancellor William P. Gerberding, Urbana-Champaign campus; Chancellor Donald H. Riddle, Chicago Circle campus; Mr. David Landman, university director of public information; and the officers of the board, Dr. Ronald W. Brady, comptroller (also vice president for administration for the University); Mr. James J. Costello, university counsel; and Dr. Earl W. Porter, secretary.

BUSINESS PRESENTED BY THE PRESIDENT OF THE BOARD

Announcements

President Howard announced that the board would meet with the Consultative Committee to Assist in the Selection of a President immediately after lunch and that the committee itself would meet immediately thereafter. He expressed the thanks of the trustees to the various groups within the University that had worked quickly to nominate the members of the Consultative Committee.

Selection of a President of the University

I

(1) In accord with the direction of the Board of Trustees, the secretary presents the following report and recommendation:

Consultative Committee to Assist in the Selection of a President

The various groups asked to nominate members have done so and the following list of members is presented to the Board of Trustees for appointment:

1. Faculty Members

Medical Center

MARY E. BEVIS, associate professor of medical-surgical nursing

GEORGE E. MILLER, M.D., professor of medical education in the Center for Educational Development and coordinator of international activities, Office of the Vice Chancellor for Academic Affairs

Chicago Circle

PHILIP DWINGER, professor and head of the Department of Mathematics

HARRIET TALMAGE, professor of urban education research and director of the Office of Evaluation Research

Urbana-Champaign

THEODORE L. BROWN, professor of chemistry

DAVID GOTTLIEB, professor of plant pathology

2. Students

Medical Center

JOSEPH H. GAZIANO, third-year medical student

Chicago Circle

JOSEPH MALTESE, junior (liberal arts and sciences)

Urbana-Champaign

MARK MCCLEES, graduate student (sociology)

3. Faculty Member-at-Large — Chairman of the Committee

MARTIN WAGNER, professor of labor and industrial relations, Urbana-Champaign

4. Members of the Nonacademic Staff

Medical Center

BEVERLY LEHMANN, administrative aide, director of payroll services

Chicago Circle

PATRICK T. HUGHES, plant operating engineer

Urbana-Champaign

JOHN A. SALDEEN, electronics engineer, School of Chemical Sciences

5. Administrative Officers

General Administration

RONALD W. BRADY, vice president for administration

Medical Center

ALEXANDER M. SCHMIDT, M.D., vice chancellor for health services

Chicago Circle

ELMER B. HADLEY, dean of the College of Liberal Arts and Sciences

Urbana-Champaign

ORVILLE G. BENTLEY, dean of the College of Agriculture

6. Academic/Professional Members

Medical Center

GUST E. HERMANSON, assistant for fiscal affairs to the dean of the College of Dentistry

Chicago Circle

JAMES J. OVERLOCK, director of university services

Urbana-Champaign

JULIAN M. FRANKENBERG, director of the Health Professions Information Office, in the Office of the Dean of Students

7. Representatives of the University of Illinois Alumni Association and the University of Illinois Foundation

HENRY B. BLACKWELL (Indianapolis, Indiana), president, University of Illinois Alumni Association

WILLIAM G. KARNES (Chicago), president, University of Illinois Foundation

Appropriation for Anticipated Expenses

Although it is not possible to estimate expenses precisely, based upon past experience, it is recommended that the board approve an allocation of \$15,000 for this purpose from the general reserve. Should this amount prove to be inadequate, a further recommendation will be made later.

II

The president of the board recommends:

1. That the trustees formally name and appoint to membership those listed above and that the committee be charged in accord with the statement adopted by the board on October 3, 1978, and
2. That the board allocate from the general reserve the sum of \$15,000 for expenses at this time, providing supplemental funds later as needed and requested.

The student advisory vote was: Aye, Miss Kooper, Mr. Sobotka, Mr. Watson; no, none.

On motion of Mr. Livingston, these recommendations were approved by the following vote: Aye, Mr. Forsyth, Mr. Hahn, Mr. Howard, Mr. Lenz, Mr. Livingston, Mr. Neal, Mrs. Rader, Mrs. Shepherd, Mr. Velasquez; no, none; absent, Governor Thompson.

Leave of Absence and Appointment, Dr. John E. Corbally

(2) In informing the board of his intention to resign as president of the University as of August 31, 1979, Dr. Corbally also indicated his desire to join the faculty at the Urbana-Champaign campus after a leave for the year 1979-80. It is appropriate for the board to act now on both aspects of this request.

Therefore, as president of the Board of Trustees, I recommend the following:

1. The approval of a "terminal" leave of absence, as president *emeritus*, at full pay for the period September 1, 1979-August 20, 1980. The leave would be in recognition of deferred and unused vacation and professional leave time for which President Corbally has been eligible but which has over the years not been fully used.

2. The approval of a recommendation from the dean of the College of Education at the Urbana-Champaign campus, approved by the chancellor, that Dr. Corbally be appointed distinguished professor in the Department of Administration, Higher, and Continuing Education, the appointment to be effective September 1, 1979, but with salary and service on a nine-month basis beginning August 21, 1980. The salary amount would be recommended by the College of Education in the budget for 1980-81 as approved by the Board of Trustees.

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

REQUEST TO MAKE A PRESENTATION, ST. FRANCIS HOSPITAL, PEORIA

President Howard reported a communication received by the secretary from Dr. Charles D. Branch, director of Medical Education, St. Francis Hospital, Peoria, in which Dr. Branch asked that arrangements be made for him and some of his colleagues to make a presentation to the Board of Trustees at a forthcoming meeting. The request was "for the purpose of discussing the relationships of this hospital [St. Francis] and the University of Illinois with regard to conduct of programs in graduate medical education." The secretary had responded, explaining the normal procedures and asking that a statement of the group's concerns be sent as soon as possible. Mr. Howard suggested that the General Policy Committee arrange tentatively to receive a presentation at the November meeting of the board at the Medical Center campus in Chicago.

On motion of Mr. Livingston, such an arrangement was approved.

REPORTS OF THE PRESIDENT OF THE UNIVERSITY

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

Finance Committee Hearing, Divestiture of South African Investments

The president reported further on this matter, on the basis of consultations with the chairman of the Finance Committee and others. He proposed that a hearing be arranged on the morning of Thursday, November 16, in Urbana, from 10:00 to 11:30 a.m. He said there would be an effort to invite speakers with a variety of points of view as well as to hear the C-U Coalition against Apartheid and others.

REGULAR AGENDA

The board considered the following reports and recommendations from the president of the University.

Award of Certified Public Accountant Certificates

- (3) The Committee on Accountancy recommends that the certificate of certified public accountant be awarded, under Section 5 of the Illinois Accountancy Act of 1943, as amended, to sixteen candidates who have presented evidence that they are holders of valid and unrevoked certified public accountant certificates obtained by passing a standard written examination in another state or territory of the

United States and who qualify in all other respects under this provision of the law.

The committee also recommends that the certificate of certified public accountant be awarded to two candidates who passed the standard written examination in May 1978 in Illinois and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943, as amended. The names of the candidates have been filed with the secretary.

I concur in these recommendations.

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

Advisory Committee for the College of Pharmacy, Medical Center

(4) The chancellor at the Medical Center campus has recommended the following appointments to the Advisory Committee for the College of Pharmacy for three-year terms ending June 30, 1981.

MARVIN (BUD) GRABER, community pharmacist, Keeler Pharmacy, Chicago

J. THOMAS GULICK, community pharmacist, Gulick Pharmacies Corp., Danville

TERRY W. TRUDEAU, institutional pharmacist, director, Pharmacy Services, Brokaw Hospital, Normal

Ex-officio members for 1978-79

MARTIN I. BLAKE, chairman, Illinois State Board of Pharmacy

EDWARD DUFFY, president, Illinois Pharmaceutical Association

JAMES METZGER, president, Illinois Council of Hospital Pharmacists

I recommend approval.

On motion of Mr. Neal, these appointments were approved.

Vice Chancellor for Academic Affairs, Chicago Circle

(5) The chancellor at Chicago Circle has recommended the appointment of Richard M. Johnson, presently acting vice chancellor for academic affairs, as vice chancellor for academic affairs and professor of political science on indefinite tenure, effective October 21, 1978, on a twelve-month service basis, at an annual salary of \$49,500.

This recommendation is made with the advice of the search committee listed below.¹ The vice president for academic affairs concurs in the recommendation.

I recommend approval.

On motion of Mrs. Shepherd, this appointment was approved.

Appointments to the Faculty

(6) The following new appointments to the faculty of the rank of assistant professor and above, and certain administrative positions, 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

N — Term appointment not eligible to be appointed for an indefinite term and not credited toward probationary period

Q — Initial term appointment for a professor or associate professor

¹ Beverly Lynch, University librarian and professor of library administration, *chairperson*; Geraldine Brownlee, assistant professor of education; Edward Colker, research professor of art; Mary Ann Janda, graduate student; Richard Kosobud, professor of economics and head of department; Paul Raccach, professor of physics and head of department; Jan Rodek, professor of chemistry and dean of the graduate college; and David P. Street, professor of sociology and head of department; Mario Valdes, professor of Spanish and head of Department of Spanish, Italian, and Portuguese.

- T — Terminal appointment accompanied with or preceded by notice of nonreappointment
 W — One-year appointment subject to special written agreement
 Y — Twelve-month service basis
 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., N75 means one year on three-fourths time).

Chicago Circle

1. KATHLEEN C. COOK, assistant professor of philosophy, beginning September 1, 1978 (1), at an annual salary of \$15,000.
2. EMAD A. W. EL-NEWEIHI, assistant professor of mathematics, beginning September 1, 1978 (3) (on leave of absence without pay for fall quarter 1978) at an annual salary of \$17,200.
3. HAROLD S. GOLDMAN, assistant professor of social work, beginning September 1, 1978 (1), at an annual salary of \$22,500.
4. LUISE H. HATHAWAY, assistant professor of German, beginning September 1, 1978 (2), at an annual salary of \$14,600.
5. DENNIS ICHIJAMA, assistant professor of art and design, beginning September 1, 1978 (2), at an annual salary of \$18,000.
6. JUNE D. KNAFLE, associate professor of education, beginning September 1, 1978 (A), at an annual salary of \$22,000.
7. MARK I. LICHBACH, assistant professor of political science, beginning September 1, 1978 (1), at an annual salary of \$13,500.
8. DAVID F. LUCKENBILL, assistant professor of criminal justice, beginning September 1, 1978 (1), at an annual salary of \$14,500.
9. WILLIAM A. MEEZAN, assistant professor of social work, beginning September 1, 1978 (1) at an annual salary of \$22,500.
10. NANCY R. MUDRICK, assistant professor of social work, beginning September 1, 1978 (1), at an annual salary of \$21,500.
11. OLGA NEDELJKOVIC, associate professor of Slavic languages and literatures, beginning September 1, 1978 (A), at an annual salary of \$20,300.
12. JUDITH C. NELSEN, associate professor of social work, beginning September 1, 1978 (A), at an annual salary of \$27,500.
13. CYNTHIA A. PULLIAM, assistant professor of education, beginning September 1, 1978 (1), at an annual salary of \$14,700.
14. MARTIN L. PURYEAR, assistant professor of art and design, beginning September 1, 1978 (4), at an annual salary of \$19,000.
15. MERILYN M. SALOMON, assistant professor of social work, beginning September 1, 1978 (1), at an annual salary of \$18,500.
16. VALAVANUR K. VENKATARAMAN, assistant professor of accounting, beginning September 1, 1978 (1), at an annual salary of \$23,750.

Medical Center

17. NANNA A. CROSS, assistant professor in the Curriculum in Medical Dietetics, beginning September 11, 1978 (1Y), at an annual salary of \$19,600.
18. NORMAN A. CROUCH, assistant professor of microbiology (virology), Rockford School of Medicine, beginning September 1, 1978 (1Y), at an annual salary of \$22,000.
19. DANIEL S. KLEEHAMMER, assistant professor of oral surgery, on 20 percent time, beginning August 1, 1978 (NY20), at an annual salary of \$3,600.
20. BEVERLY J. McELMURRY, associate professor of nursing administration, on 50

percent time (WY50), beginning August 1, 1978, at an annual salary of \$12,500.

21. JOHN F. SCHABBLE, assistant professor of anesthesiology, on 88 percent time, and physician/surgeon, on 12 percent time, beginning October 1, 1978 (1Y88; NY12), at an annual salary of \$37,500.
22. ROBERT V. STORTI, assistant professor of biological chemistry, beginning October 1, 1978 (1Y), at an annual salary of \$22,000.
23. GERALD D. WILLIAMS, assistant professor of oral diagnosis, beginning September 1, 1978 (WY), at an annual salary of \$28,500.

Urbana-Champaign

24. SUSAN R. AVERY, assistant professor of electrical engineering, beginning August 21, 1978 (1), at an annual salary of \$18,000.
25. MARY F. COLLINS, director of public services and associate professor of library administration in the library, beginning October 2, 1978 (AY), at an annual salary of \$33,000.
26. NANCY S. CREASON, associate professor of medical-surgical nursing assigned to the School of Basic Medical Sciences, beginning August 21, 1978 (Q), at an annual salary of \$22,000.
27. JOSEPH M. CUMMINS, JR., assistant professor of veterinary pathology and hygiene, on 50 percent time, and assistant professor in veterinary programs in international agriculture, on 50 percent time, beginning September 1, 1978 (1Y), at an annual salary of \$26,000.
28. LEON A. FRIZZELL, assistant professor of electrical engineering, on 25 percent time, and of bioengineering in electrical engineering, on 75 percent time, beginning August 21, 1978 (1), at an annual salary of \$18,000.
29. JOHN E. GARST, assistant professor of animal science, beginning October 1, 1978 (1Y), at an annual salary of \$24,000.
30. KATHLEEN W. LANGSTON, assistant education and social science librarian and assistant professor of library administration, beginning September 11, 1978 (1Y), at an annual salary of \$12,500.
31. JAMES P. LERITZ, assistant professor of architecture, beginning August 21, 1978 (1), at an annual salary of \$16,500.
32. WILLIAM J. MAHER, assistant university archivist, newspaper librarian, and assistant professor of library administration, beginning September 21, 1978 (1Y), at an annual salary of \$14,000.
33. GEORGE W. McCONKIE, professor of educational psychology in the Center for the Study of Reading and in the Department of Educational Psychology, beginning October 1, 1978 (A), at an annual salary of \$33,750.
34. JOAN I. NASSAUER, assistant professor of landscape architecture, beginning August 21, 1978 (1), at an annual salary of \$16,500.
35. NANCY P. O'BRIEN, serials bibliographer and assistant professor of library administration, beginning September 11, 1978 (1Y), at an annual salary of \$12,800.
36. TAKASHI SASAMORI, professor of meteorology in the Atmospheric Research Laboratory, beginning October 1, 1978 (A), at an annual salary of \$13,000.
37. MICHAEL S. SCHLANSKER, assistant professor of electrical engineering, on 75 percent time, and research assistant professor in the Coordinated Science Laboratory, on 25 percent time, beginning August 21, 1978 (1), at an annual salary of \$18,300.

Administrative Staff

38. MURRAY C. EDGE, risk manager, Office of Vice Chancellor for Health Services, Medical Center, beginning September 18, 1978 (NY), at an annual salary of \$34,000.

39. JAMES G. TOWNSEL, associate dean for urban programs, College of Medicine, Medical Center, beginning September 1, 1978 (NY), at an annual salary of \$38,000.

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

Nonsalaried Faculty of the College of Medicine, 1978-79

(7) On the recommendation of the chancellor at the Medical Center, I have approved appointments and reappointments to the nonsalaried faculty of the College of Medicine for the academic year beginning September 1, 1978. The list of these appointments is being filed with the secretary of the Board of Trustees for record, and his office will issue the usual notices of appointment.

A summary of the number of appointments in each department follows. The total number of persons is 2,681, of whom 103 are *emeritus*. The total for 1977-78 was 2,668, of whom 97 were on *emeritus* status.

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

<i>School of Basic Medical Sciences, Medical Center</i>	
Anatomy	5
Biochemistry	5
Microbiology	7
Pharmacology	5
Physiology	3
Total	25
<i>School of Basic Medical Sciences, Urbana</i>	383
<i>School of Clinical Medicine, Urbana</i>	7
<i>Peoria School of Medicine</i>	
Basic Science	10
Dermatology	3
Family Practice	74
Medicine	39
Neurosciences	2
Obstetrics/Gynecology	12
Pathology	15
Pediatrics	17
Preventive Medicine	9
Psychiatry	14
Radiology	21
Rehabilitation Medicine	9
Surgery	67
Total	292
<i>Rockford School of Medicine</i>	131
<i>Abraham Lincoln School of Medicine</i>	
Anesthesiology	50
Center for Craniofacial Anomalies	3
Dermatology	33
Family Practice	55
Medicine	488
Neurology	23
Neurosurgery	23
Obstetrics/Gynecology	118
Ophthalmology	82
Orthopaedic Surgery	56

Otolaryngology.....	63
Pathology	87
Pediatrics	140
Physical Medicine and Rehabilitation.....	30
Preventive Medicine and Community Health.....	17
Psychiatry	186
Radiology	69
Surgery	205
<i>Total</i>	1 728

School of Associated Medical Sciences

Biocommunication Arts and Sciences.....	3
Medical Dietetics.....	8
Medical Laboratory Sciences.....	15
Medical Record Administration.....	5
Medical Social Work.....	6
Occupational Therapy.....	38
Physical Therapy	40
<i>Total</i>	115
<i>Grand Total</i>	2 681

Sabbatical Leave of Absence, 1978-79, Medical Center

(8) On motion of Mr. Neal, a sabbatical leave of absence recommended by the chancellor at the Medical Center was granted. This leave will be included in an annual compilation of 1978-79 sabbatical leaves of absence to be made a part of the board *Proceedings* in March 1979.

**Procedural Changes Relating to the Admission of Students
to the College of Law, Urbana
(Report for Information)**

(9) On September 20, 1978, the Admissions Committee of the College of Law, Urbana, proposed the following modifications to the college admissions procedures:

1. That the admission process for all students be combined into a single process, that is, that the separate admission program for minority students be discontinued.
2. That the admission process be structured so that all students with a predictive index above a level to be determined annually by the admissions committee would be admitted automatically to the College of Law. The cut-off would be selected so as to include approximately 75 percent of the entering class in this automatic admission category. All applicants between that automatic admission level and an annually defined minimum admission level would be evaluated individually by the admissions committee and enough of them admitted to achieve an entering class of 215 to 220 students.
3. That the evaluation and ranking of students within this individual evaluation group be made by giving significant weight to the prediction index, but also with an eye to identifying:
 - a. Students whose numerical records appear to underpredict their likelihood of success in law school, and
 - b. Students whose admission would contribute to the diversity essential to achieving even more variety and richness in the educational experience at the College of Law.
4. That the factors which the committee would use to identify underprediction, diversity, or both, would include:

- a. Physical handicap of the student,
- b. Maturity and experience achieved outside the undergraduate classroom,
- c. Presence of multiple LSAT tests with significantly differing scores or an undergraduate record marred by poor grades for only a brief period of time,
- d. The student's success as an undergraduate in spite of the need to work significant hours outside the classroom, and
- e. Ethnic and cultural background of the applicant.

At its meeting on September 25, 1978, the faculty of the College of Law approved the proposed new procedures. (The full report of the Admissions Committee of the College of Law is filed with the secretary of the board for record.)

On motion of Mr. Lenz, approved without dissent, the report was received and the procedural changes approved, with the understanding that a report would be submitted to the board by the College of Law Admissions Committee after one year's experience with the new procedures; and with the understanding that the chancellor at Urbana will report at an appropriate time as to whether or not the policy on admissions of the College of Law needs review.

Renaming of the Fine and Applied Arts Building, Urbana

(10) The Fine and Applied Arts Building at Urbana, which was constructed in 1960, initially housed the Department of Art and Design as well as a portion of the Department of Architecture, both of which are a part of the College of Fine and Applied Arts. The building now houses only the Department of Art and Design.

To better reflect the current and anticipated usage of the building, the chancellor, with the concurrence of appropriate administrative officers, has recommended that the Fine and Applied Arts Building be renamed the Art and Design Building.

I concur.

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

Contract with Rush University, Chicago Circle

(11) Rush University, a division of Rush-Presbyterian-St. Luke's Medical Center, Chicago, has proposed a cooperative agreement with the University of Illinois, under which graduate students from Rush would be permitted to take courses at the Chicago Circle campus in order to expand their curriculum opportunities in a qualified doctoral program in biochemistry. The arrangement is agreeable to the University officers involved, provided that such students meet normal and customary admission standards at Chicago Circle and provided space is available.

Accordingly, a contract has been negotiated providing for such cooperation, subject to the trustees' approval. Under the contract, Rush University students attending Chicago Circle campus would enjoy a status common to all other students, with the exception that they would not be billed individually for tuition and fees; rather, a charge would be made to Rush University for each student so attending, the charge to be based on the Chicago Circle campus standard schedule of tuition and fees for Illinois residents.

This arrangement could be terminated at the end of any academic quarter by either party giving notice in writing on or before the first day of classes of the next academic term. (The contract is similar to agreements which were made between Shimer College and the University of Illinois as approved by the Board of Trustees on June 20, 1973, and between Spertus College of Judaica and the University of Illinois approved on July 16, 1975.)

The chancellor, with the concurrence of the vice president for academic affairs, has recommended authorization by the Board of Trustees of the execution of a contract as described.

I concur in this recommendation.

On motion of Mr. Livingston, authority was given as recommended.

Subcontract for Educational Services with East Central Illinois Medical Education Foundation, Medical Center

(12) On July 20, 1977, the Board of Trustees approved the renewal of a subcontract with the East Central Illinois Medical Education Foundation for the development of a residency program in family practice in Danville, Illinois. The subcontract is funded by the federal government under the Area Health Education System contract.

The College of Medicine has recommended renewal of the subcontract for the period October 21, 1978, through October 20, 1979, to continue development and implementation of the residency program. Under the subcontract, East Central Illinois Medical Education Foundation will provide approximately 1,042 hours of graduate medical education instruction at a rate of \$27 per hour. The foundation will be reimbursed in an amount not to exceed \$28,134.

Federal funds are currently available to finance the existing subcontract through September 30, 1978, and a twenty-day extension of that subcontract. It is expected that the federal government will renew its contract with the University effective October 21, 1978. The proposed subcontract, therefore, will specify that continuation beyond October 20, 1978, is contingent upon renewal of the primary contract between the University and the federal government.

The chancellor at the Medical Center has recommended approval of the subcontract, subject to approval by the Department of Health, Education, and Welfare. The vice president for academic affairs and the vice president for administration concur.

I recommend approval.

The student advisory vote was: Aye, Miss Kooper, Mr. Sobotka, Mr. Watson; no, none.

On motion of Mr. Forsyth, this recommendation was approved by the following vote: Aye, Mr. Forsyth, Mr. Hahn, Mr. Howard, Mr. Lenz, Mr. Livingston, Mr. Neal, Mrs. Rader, Mrs. Shepherd, Mr. Velasquez; no, none; absent, Governor Thompson.

Amendment of Contract for Educational Services, Carle Hospital, College of Medicine

(13) On July 19, 1978, the Board of Trustees authorized a contract with the Carle Foundation Hospital in Urbana for educational services on behalf of the College of Medicine in fiscal year (FY) 1979. These services provide assistance in the expansion of the medical education program of the college.

The chancellor at the Medical Center has recommended that the July action be amended to increase the amount authorized for the contract with Carle Foundation Hospital for FY 1979 in an amount not to exceed \$13,330. This will increase the total amount authorized from \$28,100 to \$41,430. Additional professional services are required to assist in carrying out the medical education program at the School of Clinical Medicine at Urbana-Champaign.

Funds are available in federal health professions capitation grants for FY 1979.

The vice president for academic affairs and the vice president for administration concur.

I recommend approval.

The student advisory vote was: Aye, Miss Kooper, Mr. Sobotka, Mr. Watson; no, none.

On motion of Mr. Livingston, this amendment was approved by the following vote: Aye, Mr. Forsyth, Mr. Hahn, Mr. Howard, Mr. Lenz, Mr. Livingston, Mr. Neal, Mrs. Rader, Mrs. Shepherd, Mr. Velasquez; no, none; absent, Governor Thompson.

Contract for Educational Services with Illinois Cancer Council, Medical Center

(14) The School of Public Health at the Medical Center has recommended the renewal of a contractual relationship with the Illinois Cancer Council which will make available to the school's educational programs the professional skills of the council along with its extensive data base. The contract, for an amount not to exceed \$12,000, will extend from July 1, 1978, to June 30, 1979. Funds are available in the operating budget of the School of Public Health for FY 1979.

The Illinois Cancer Council will provide to the School of Public Health: (1) instruction for graduate students in the epidemiology of cancer through two scheduled courses given at the Medical Center; (2) counseling for graduate students in cancer research methodology; and (3) consultation for students and faculty in the design and execution of epidemiological studies in cancer.

The chancellor at the Medical Center has recommended approval of the contract. The vice president for academic affairs and the vice president for administration concur.

I recommend approval.

The student advisory vote was: Aye, Miss Kooper, Mr. Sobotka, Mr. Watson; no, none.

On motion of Mr. Neal, this contract was awarded by the following vote: Aye, Mr. Forsyth, Mr. Hahn, Mr. Howard, Mr. Lenz, Mr. Livingston, Mr. Neal, Mrs. Shepherd, Mr. Velasquez; no, none; absent, Governor Thompson. Mrs. Rader asked to be recorded as not voting.

Establishment of Bank Accounts in India

(15) The Smithsonian Institution offers grants using "excess" U.S.-owned foreign currencies, requiring that funds be drawn from the U.S. Embassy located within the country involved and disbursed within that country. Financial reports must be submitted in which the University must certify the funds have been expended in accordance with the terms of the grant. Funds not expended must be returned to the U.S. Embassy.

Officers of the Urbana-Champaign campus recently submitted two grant applications, totalling \$55,000, which have been approved by the Smithsonian Institution and conditionally accepted subject to board approval. In both cases, the grants are for travel funds to be used in connection with an international congress on anthropological and ethnological sciences to be held in India in December 1978. The principal investigators, Dr. Demitri Shimkin and Dr. Clark E. Cunningham, are faculty members in the Department of Anthropology.

In order to facilitate the handling of financial transactions pertaining to these grants, the chancellor at Urbana has recommended that the vice president for administration be authorized to establish separate bank accounts in the State Bank of India, New Delhi, for the grants described. The funds are to be disbursed in accordance with the terms of the grants and in accord with University policies and procedures.

I concur.

On motion of Mr. Livingston, authority was given as recommended.

Recommendations of the University Patent Committee

(16) The University Patent Committee submits the following recommendations relating to discoveries and developments by staff members.

1. *First Visible Wavelength Direct Nuclear Pumped Laser* — M. Alfred Akerman, formerly research assistant in nuclear engineering, Urbana, George H. Miley, professor of nuclear engineering and chairperson of Nuclear Engineering Program, Urbana, and David A. McArthur, Sandia Laboratories, Albuquerque, New Mexico, inventors; sponsored by the Department of Energy.

On September 21, 1977, the Board of Trustees transferred its rights in this concept to the University of Illinois Foundation. On June 14, 1978, University Patents, Inc., elected not to service the concept under its agreement with the Foundation because "references appear to preclude generic protection" and "it does not appear that we would ever have any hope of recovering our patent expenses." The Board of Directors of the Foundation on August 3, 1978, returned the patent rights to the University. It is recommended that the University retain shop rights and release all other patent rights in this concept to the sponsor, the Department of Energy.

2. *Azaprostaglandin-like Drugs* — Duane L. Venton, associate professor of medicinal chemistry, Medical Center, Steven Enke, graduate student in medicinal chemistry, Medical Center, and Guy C. LeBreton, assistant professor of pharmacology, Medical Center, inventors.

University Patents, Inc., reported that it wishes to commercialize the invention which is a drug useful in the storage of blood platelets as well as in the prevention and/or treatment of occlusive vascular disease. It is recommended that the University transfer its patent rights in the concept to the University of Illinois Foundation.

3. *Z-Pro-D-Leu* — Roderich Walter, professor of physiology and biophysics and head of the department, Medical Center, inventor; sponsored by the United States Department of Health, Education, and Welfare.

University Patents, Inc., reported that it wishes to commercialize this invention which inhibits tolerance to and physical dependence on morphine. It is recommended that the University transfer its patent rights in this concept to the University of Illinois Foundation, subject to the rights of the sponsor, the United States Department of Health, Education, and Welfare.

4. *SIMPLER System* — Thomas T. Chen, assistant professor of clinical science (medical information science) in the School of Clinical Medicine, Urbana, Allan H. Levy, professor of clinical science (medical information science) in the School of Clinical Medicine, Urbana, Douglas Jones, research assistant in the School of Basic Medical Sciences, Urbana, A. B. Baskin, graduate research assistant in the School of Clinical Medicine, Urbana, and Larry Sherman, formerly assistant specialist in automated education in the School of Basic Medical Sciences, Urbana, inventors.

University Patents, Inc., has agreed to license this development, a computer-assisted instruction system, and the Modular Computing Corporation wishes to market it. The University Patent Committee recommends that the University release its rights in the SIMPLER system software to the University of Illinois Foundation for marketing.

I concur in these recommendations.

On motion of Mrs. Rader, these recommendations were approved.

Programmable Processor Terminal

(17) The University's Computer-based Education Research Laboratory (CERL) has developed a new model of the PLATO terminal known as the Programmable Processor Terminal (PPT) which incorporates certain technological advancements over the older PLATO IV terminal. The design features which distinguish the PPT from earlier models involve state-of-the-art technology or "technical know-how" which, although deemed unpatentable, is of practical value to a prospective manufacturer of such terminals. Technical know-how (or trade secrets) can be licensed commercially through the use of confidentiality agreements.

In December 1976, the University received sealed bids from commercial firms proposing to manufacture the PPT for the University. Prospective bidders received technical specifications of the PPT from CERL under nondisclosure agreements as part of the procurement process. Carroll Manufacturing Company was the successful bidder and elected to use CERL's technical know-how to manufacture the PPTs produced for the University. As part of this arrangement, Carroll agreed to obtain a license from the University or its designated agent should Carroll subsequently desire to sell commercial products which incorporated or were dominated by the know-how furnished by the University. Carroll has now requested a license to utilize this PPT know-how to manufacture and sell commercial products.

With the concurrence of the appropriate administrative officers, the vice president for administration recommends that the rights to the PPT know-how¹ be transferred subject to the rights of third parties (e.g., federal agencies and Control Data Corporation) to the University of Illinois Foundation for licensing and recommends further that any royalty income received from licensing such technical know-how be distributed in accordance with the general rules for patent royalty income.

I concur.

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

Exception to Ownership, Copyright, and Royalty Policies for Certain PLATO Lessonware

(18) Professor James C. McKeown of the Department of Accountancy at Urbana is the author of successful PLATO lessonware in accountancy which was developed using the University's Computer-based Education Research Laboratory (CERL) PLATO facility. He desires to pursue future lessonware development on the PLATO system operated by the Control Data Corporation (CDC). To assist in such future development, he wishes to have "author mode access"² to his CERL lessonware when, subject to his consent, it has been installed on the CDC system.

Within the framework of existing University policy and the University/CDC agreements, the arrangement sought by Professor McKeown presents two issues requiring special approval:

1. The University/CDC agreements do not permit author access to University-developed lessonware after it has been released by the University and installed on CDC's PLATO system.
2. Waiver is required of the University's rights in new lessonware subsequently developed on the CDC PLATO system but based on Professor McKeown's original University-developed lessonware.

¹ PPT know-how consists of specific design documentation information transmitted to and acknowledged by Carroll Manufacturing Company on October 29, 1976, in connection with Sealed Bid Proposal K-070.

² Author mode access is a level of authorization and a "key" which permits an author to have access to the computer code (or software) of specified lessonware and to make changes in that computer code.

Administrative officers of the University and of CDC have recommended that Professor McKeown's University-developed accountancy lessonware be handled as follows:

1. Professor McKeown will release his lessonware to the University through the standard procedure.
2. The University and CDC agree that Professor McKeown will continue to have author mode access to his lessonware when it has been installed on the CDC PLATO system.
3. The University will waive all rights and interests in future lessonware developed on the CDC PLATO system by Professor McKeown by virtue of the special author access granted as item (2).
4. As a consideration for the waiver of item (3), the University will receive a permanent, royalty-free license to such completed lessonware as may be derived in the future by virtue of the special author access granted to Professor McKeown. Usage occurring under this license will be without restriction to applications which are directly related to programs of instruction and research of the University of Illinois.

The University Committee on Copyrightable Works has reviewed this proposed arrangement and has recommended approval. The vice president for administration concurs.

I recommend approval.

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

Noninstructional Capital Improvements, 1978-79, Urbana

(19) The Illinois Board of Higher Education has requested that all non-instructional capital improvements presently planned for the period November 1978-November 1979 be submitted with the FY 1980 RAMP document. Projects for the Urbana-Champaign campus are listed below.

The president of the University, with the concurrence of the appropriate administrative officers, recommends approval of these projects as noninstructional capital improvement projects subject to further action by the Board of Higher Education.

The student advisory vote was: Aye, Miss Kooper, Mr. Sobotka, Mr. Watson; no, none.

On motion of Mr. Neal, this recommendation was approved by the following vote: Aye, Mr. Forsyth, Mr. Hahn, Mr. Howard, Mr. Lenz, Mr. Livingston, Mr. Neal, Mrs. Rader, Mrs. Shepherd, Mr. Velasquez; no, none; absent, Governor Thompson.

<i>Project Name/Category</i>	<i>Anticipated Sources of Funds</i>	<i>Total Project Cost</i>
Surface Parking Lots at Four Locations for 402 Total Spaces/Site Improvement	Parking Developmental Reserve	\$217 000

Construction of surface parking lots at four locations for 402 total spaces is anticipated for FY 1979. The estimated total project cost of \$217,000 is to be paid from parking revenue. The parking lot locations, number of spaces, and estimated project costs are as follow:

<i>Location</i>	<i>Spaces</i>	<i>Amount</i>
Natural History Bldg.....	58	\$ 38 000
Florida and Lincoln		
Student Cmpd.	210	115 000
Meat Science Lab.....	74	25 000
Peabody Drive Svc. Area		
(Housing)	60	39 000
<i>Total</i>	402	\$217 000

Access Road from Parking Lot P Southeast
to SE End of Hangar #3 at Willard Airport/
Site Improvement

Airport Developmental
Reserve 11 500

Construction is anticipated in FY 1979 of an access road from Parking Lot P southeast to the southeast end of Hangar #3 at the University's Willard Airport. The road will be 700 feet long and 24 feet wide. The project will include a parking lot for 25 spaces, drainage, grading, seeding, signing, and necessary pertinences. The surface of the road and parking lot will initially be gravel and after sufficient settling has occurred, an oil and chip surface will be applied. The project's estimated cost of \$11,500 is to be funded from airport revenue.

Contract for Installation of Supervisory Control System, Chicago Circle Center

(20) The president of the University, with the concurrence of appropriate administrative officers, recommends award of a contract for \$156,930 to Hiram Electrical Contractors, Inc., Chicago. The firm is the low bidder on the base bid, plus acceptance of deductive alternates No. 1 and No. 2, to furnish all labor, materials, and services to install the second phase of a supervisory control system for mechanical equipment at the Chicago Circle Center, Chicago Circle campus.

The low bid is within the estimates developed by the Physical Plant Department. Acceptance of deductive alternates No. 1 and No. 2 (to delete mechanical fan system controls in two areas) was necessary to bring the cost within the funds available.

Funds for this work are available from the operations and maintenance line of the FY 1978-79 operating budget of the Chicago Circle Center. It is estimated that the work will be completed by September 1979.

The student advisory vote was: Aye, Miss Kooper, Mr. Sobotka, Mr. Watson; no, none.

On motion of Mr. Livingston, this contract was awarded by the following vote: Aye, Mr. Forsyth, Mr. Hahn, Mr. Howard, Mr. Lenz, Mr. Livingston, Mr. Neal, Mrs. Rader, Mrs. Shepherd, Mr. Velasquez; no, none; absent, Governor Thompson.

Construction Contracts, Single Student Residence, Medical Center

(21) The president of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for construction of the Single Student Residence at the Medical Center campus. The award

for general work is to the low base bidder, plus deductive alternates A and B, and the award for all other divisions of work is to the low base bidder.

<i>General Work</i>	<i>Base Bid</i>	<i>Deductive Alternates</i>	
		<i>A</i>	<i>B</i>
Walsh Brothers, Inc., Chicago.....	\$5 051 595	\$6 000	\$5 500
<i>Plumbing</i>			
F. E. Moran, Inc., Northbrook.....	543 000		
<i>Ventilation</i>			
F. E. Moran, Inc., Northbrook.....	237 100		
<i>Heating & Air Conditioning</i>			
Advance Heating and Air Conditioning, Elk Grove	412 000		
<i>Electrical</i>			
Public Electric Construction Co., Inc., Chicago	839 950		
<i>Demolition</i>			
National Wrecking Co., Chicago.....	52 800		
<i>Total</i>	<u>\$7 124 945</u>		

It is further recommended that all contracts other than the contract for general work be assigned to the contractor for that work, and that an agreement be entered into with Walsh Brothers, Inc., Chicago, for the assignment of these other contracts, for which the assignment fee has been included in the base bid.

It is also recommended that the services of Dubin, Dubin, Black and Moutousamy, Chicago, be continued to provide the architectural and engineering services required during the construction phase of the project. The fee will be on the basis of a lump sum fee of \$67,500 plus authorized reimbursements, the latter estimated to be \$15,000.

Funds are available from the proceeds of the sale of University of Illinois Auxiliary Facilities System Revenue Bonds, Series N.

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

The student advisory vote was: Aye, Miss Kooper, Mr. Sobotka, Mr. Watson; no, none.

On motion of Mr. Lenz, these recommendations were approved by the following vote: Aye, Mr. Forsyth, Mr. Howard, Mr. Lenz, Mr. Livingston, Mr. Neal, Mrs. Rader, Mrs. Shepherd, Mr. Velasquez; no, none; absent, Governor Thompson. Mr. Hahn asked to be recorded as not voting.

Amendment to Design/Engineering Services Agreement, Food Service Consultant, Great Circle Hall, Chicago Circle

(22) On January 19, 1977, the Board of Trustees authorized the employment of Fred Schmid Associates, Park Ridge, as a food service consultant to prepare the contract documents necessary to complete the Great Circle Hall and adjacent areas in the Chicago Circle Center as a permanent food service and lounge facility. The contract specified a fee not to exceed \$38,500 plus authorized reimbursements.

In the development of design and the preparation of drawings for this work, the University staff have determined that the following additional services are needed:

1. The design of a new vestibule area to permit direct second-level access to the facility from the Circle Forum.
2. The investigation and evaluation of the existing electrical services in the building and of those changes necessary to accommodate the design load requirements.
3. The investigation and verification of the condition of the existing structural and mechanical systems and their capacity to accommodate the additional services required for the new facility.

Therefore, the president of the University, with the concurrence of appropriate administrative officers, recommends that the contract with Fred Schmid Associates, Park Ridge, be amended to include the additional services described at a fee based on the firm's hourly rate schedule, the fee not to exceed \$33,000.

Funds are available for this project from the proceeds of the sale of University of Illinois Auxiliary Facilities System Revenue Bonds, Series N.

The student advisory vote was: Aye, Miss Kooper, Mr. Sobotka, Mr. Watson; no, none.

On motion of Mr. Neal, this recommendation was approved by the following vote: Aye, Mr. Forsyth, Mr. Howard, Mr. Lenz, Mr. Livingston, Mr. Neal, Mrs. Rader, Mrs. Shepherd, Mr. Velasquez; no, none; absent, Governor Thompson. Mr. Hahn asked to be recorded as not voting.

ROLL CALL ITEMS

By consensus the board agreed that one roll call vote would be taken and considered the roll call vote on each of the next six items (Nos. 23 to 28 inclusive).

The student advisory vote was: Aye, Miss Kooper, Mr. Sobotka, Mr. Watson; no, none.

On motion of Mr. Lenz, these items were approved by the following vote: Aye, Mr. Forsyth, Mr. Howard, Mr. Lenz, Mr. Livingston, Mr. Neal, Mrs. Rader, Mrs. Shepherd, Mr. Velasquez; no, none; absent, Governor Thompson. Mr. Hahn asked to be recorded as not voting.

Employment of Architect/Engineer for the Pavilion, Chicago Circle

(23) The president of the University, with the concurrence of appropriate administrative officers, recommends the employment of Skidmore, Owings & Merrill, Chicago, for the required professional architectural/engineering services through the completion of construction for the Pavilion project at the Chicago Circle campus. The services would be performed for a lump sum fee at a level up to \$344,000, plus reimbursements authorized by the University at an estimated cost of \$96,000 for additional items of work. These would include: topographic and utility surveys, subsurface exploration and recommendations for foundation design, material testing during construction, reproduction of contract documents, and specialized consultants relating to the design of the ice rink and its refrigeration systems, special sound system, and acoustical control.

Funds are available from proceeds of the sale of University of Illinois Auxiliary Facilities System Revenue Bonds, Series N.

Following is a breakdown of the estimated cost of the reimbursement items:

Topographic and utility surveys.....	\$ 5 000
Subsurface exploration and foundation design.....	6 000
Material testing	23 000
Reproduction of contract documents.....	6 000

Specialized consultants

Ice Rink	40 000
Sound System	10 000
Acoustics	6 000
<i>Total</i>	<u>\$96 000</u>

**Employment of Architect/Engineer for Capital Development Board
Projects, FY 1979, Chicago Circle**

(24) The president of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees request the Capital Development Board to employ Skidmore, Owings and Merrill, Chicago, to provide the professional services listed below, for roof resurfacing. The fee for each project will be negotiated in accordance with standard procedures of the Capital Development Board.

*Chicago Circle***Space Realignment, Renewal, and Replacement**

Architecture and Art Laboratory.....	\$ 60 000
Science and Engineering Laboratory.....	370 000

Funds for the employment of the professional firm have been appropriated to the Capital Development Board for FY 1979.

**Employment of Engineer for Chilled Water Facility for Certain
Buildings, Medical Center**

(25) The president of the University, with the concurrence of appropriate administrative officers, recommends the employment of Gritschke & Cloke, Inc., Chicago, for the required professional services to provide chilled water facilities for the existing Men's Residence Hall, Chicago Illini Union, Women's Residence Hall, and the proposed Single Student Residence and Chicago Illini Union and Recreation Facility at the Medical Center campus. The fee is estimated at a level up to \$50,000 which will provide for the services through construction. Authorized reimbursements for the project are estimated to be \$5,000.

Funds are available from the proceeds of the sale of University of Illinois Auxiliary Facilities System Revenue Bonds, Series N.

**Employment of Engineer for Chilled Water Facility for Certain
Union Addition, Medical Center**

(26) The president of the University, with the concurrence of appropriate administrative officers, recommends the employment of Loeb, Schlossman & Hackl, Chicago, for the professional architectural and engineering services required for an addition to the Chicago Illini Union at the Medical Center campus. The estimated fee for the firm's services through construction is at a level up to \$275,000, plus reimbursements authorized by the University, the latter estimated to be \$40,000.

Funds are available from the proceeds of the sale of University of Illinois Auxiliary Facilities System Revenue Bonds, Series N.

**Employment of Architect/Engineer for Addition and Remodeling,
Illini Union Bookstore, Urbana**

(27) The president of the University, with the concurrence of appropriate administrative officers, recommends the employment of Richardson, Severns, Scheeler, Greene & Associates, Inc., Champaign, to provide the required professional architectural and engineering services, through the completion of construction of an

addition to and remodeling of the Illini Union Bookstore. The fee would be a lump sum of \$46,100 plus authorized reimbursements, the latter estimated to be \$4,650.

The project will provide for approximately 5,000 additional gross square feet of floor space and remodeling of 30,000 gross square feet in the existing building.

Funds are available from the proceeds of the sale of University of Illinois Auxiliary Facilities System Revenue Bonds, Series N.

Employment of Architect/Engineer for Resurfacing Assembly Hall Roof, Urbana

(28) The president of the University, with the concurrence of appropriate administrative officers, recommends the employment of Richardson, Severns, Scheeler, Greene & Associates, Inc., Champaign, for the required professional services, through construction, for resurfacing the dome of the Assembly Hall at the Urbana-Champaign campus. The fee would be a lump sum of \$63,500 plus authorized reimbursable expenses, the latter estimated to be \$4,000.

Funds are available from the proceeds of the sale of University of Illinois Auxiliary Facilities System Revenue Bonds, Series N.

Continuation of Employment of Health Facilities Consultant, Medical Center

(29) On February 19, 1975, the Board of Trustees authorized the employment of Herman Smith Associates, Hinsdale, on an hourly basis, for general and functional consulting services throughout the programming, planning, and construction phases of the Replacement Hospital; and programming for the proposed ambulatory care remodeling project. In July 1975, 1976, and 1977, the board approved the continuation of employment of the firm on the same basis. The original budget estimate for their consulting services was \$490,000. As of June 30, 1978, the total cost of the firm's services was \$385,926.

All of the services required in connection with programming of the proposed ambulatory care facilities and most of the services required in connection with the hospital have been completed.

The continuation of the services of the consultant is required through June 30, 1979, for the analysis of the existing material receiving, storage, and distribution facilities for the hospital; the development of the operational system for the new central hospital supply system; and on-site consultation required to instruct hospital personnel regarding the other operational systems during the activation and occupancy of the new facility. The consultant will be paid on the basis of the firm's composite consultant hourly rate which will not exceed the \$104,074 balance of the original budget estimate. (The rates are on file with the secretary of the Board of Trustees.)

Funds are available from the Hospital Income Fund.

The chancellor at the Medical Center campus has recommended approval of the continuation of the employment of the firm for the required services and the vice president for administration concurs.

I recommend approval.

The student advisory vote was: Aye, Miss Kooper, Mr. Sobotka, Mr. Watson; no, none.

On motion of Mr. Forsyth, this recommendation was approved by the following vote: Aye, Mr. Forsyth, Mr. Howard, Mr. Lenz, Mr. Livingston, Mr. Neal, Mrs. Rader, Mrs. Shepherd, Mr. Velasquez; no, none; absent, Governor Thompson. Mr. Hahn asked to be recorded as not voting.

Authorization for Approval of Requests for Transfers Among Line Item Appropriations

(30) The comptroller has requested authority to initiate and approve requests to the governor through the Board of Higher Education for transfers among line item appropriations as authorized under Chapter 127, Section 149.2, of the *Illinois Revised Statutes*.

The statute provides that transfers may be made only among regular operating appropriations and grants, except that no funds may be transferred from any appropriation for personal services nor for any appropriation for state contribution for employee group insurance. The total of such transfers is limited by the statute in any fiscal year to a sum not to exceed 2 percent of the aggregate amount appropriated within the same treasury fund (General Revenue, Income, Agricultural Premium).

I concur in the request.

On motion of Mr. Livingston, authority was given as requested.

Purchases

(31) The president submitted, with his concurrence, a list of purchases recommended by the directors of purchases and the vice president for administration.

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, private corporations, and other organizations; grants from foundations, corporations, and other donors; and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds

Recommended	\$ 58 795 00
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From Institutional Funds

Recommended	916 614 62
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Grand Total	\$975 409 62
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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.

The student advisory vote was: Aye, Miss Kooper, Mr. Sobotka, Mr. Watson; no, none.

On motion of Mrs. Rader, the purchases recommended were authorized by the following vote: Aye, Mr. Forsyth, Mr. Hahn, Mr. Howard, Mr. Lenz, Mr. Livingston, Mr. Neal, Mrs. Rader, Mrs. Shepherd, Mr. Velasquez; no, none; absent, Governor Thompson.

Report of Purchases Approved by the Vice President for Administration

(32) The vice president for administration also submitted a report of purchases approved by him on recommendation of the directors of purchases in amounts of \$7,500 to \$10,000, a report of bids taken in behalf of the Capital Development Board, and a report of bids taken by the Illinois Educational Consortium for generic commodities. A copy of this report is filed with the secretary.

This report was received for record.

The Comptroller's Monthly Report of Contracts Executed

(33) The comptroller's monthly report of contracts executed was presented.

Chicago Circle

Contract Work Order

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid by the University</i>
Wm. J. Scown Building Co.	Cost-plus contract — Resurface tennis courts	\$ 18 361
<i>Total</i>		\$ 18 361

Medical Center

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid to the University</i>
Northwestern University	Collagen mRNA translation <i>in vitro</i>	\$ 5 075
United States Department of Health, Education, and Welfare 263-78-C-0254	Delivery of vaccine ampules	112 770
University of Iowa 12059	Calcium metabolism in pregnancy and perinatal period	24 532
<i>Total</i>		\$ 142 377

New Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid by the University</i>
Behavioral Science Associates, Inc.	Perform an organizational development study	\$ 9 800
<i>Total</i>		\$ 9 800

Contract Work Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid by the University</i>
Dole Plumbing	Cost-plus contract — Installation and piping of water tank in the Drug and Horticultural Center	\$ 11 000
Dolio & Metz, Ltd.	Cost-plus contract — Architectural and engineering services for remodeling the Conference Center, College of Medicine	13 300
	Remodeling the Faculty/Alumni Center	14 100
Narowetz Heating & Ventilating Co.	Cost-plus contract — Air conditioning and ventilating in rooms 237, 304, 305, 466, and 467 Pharmacy	24 487
Wm. J. Scown Building Co.	Cost-plus contract — Minor remodeling on Auxiliary Services Buildings 923, 937, and 938	7 696
	Minor remodeling in the seventh floor anatomy laboratories	10 828
	Minor remodeling to renovate the Student Locker Room	23 758
<i>Total</i>		\$ 105 169

Urbana-Champaign

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid to the University</i>
State of Illinois, Department of Agriculture	Provide veterinarian diagnostic services	\$ 280 900
State of Illinois, Department of Transportation	Analyze sediment transport in the Illinois River	14 382
	Low flows of Illinois streams for impounding reservoir design	30 000
State of Illinois, Institute for Environmental Quality 60.047	Investigate gas content of coal seams in the Charleston, Illinois, vicinity	15 000
State of Illinois, Office of Education: N-115	Operate a gifted area service center	\$ 63 000
RD1-A9-177	Develop a programmatic emphasis in vocational special needs	30 721

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid to the University</i>
RD5-C9-122	Occupational teacher education development	26 928
RD5-C9-178	In-service education programs for part-time community college faculty	10 067
United States Air Force:		
AFOSR-78-3633	Control strategies for complex systems for use in aerospace avionics	75 000
AFOSR-78-3669	Power spectral performance of a CW chemical laser	52 746
AFOSR-78-3714	Semiconductor oxide interface states	99 996
F19628-78-C-0195	Analyze and study ionospheric scintillations	124 519
United States Army:		
DACW88-78-C-0001	Develop an environmental technical information system	47 261
LMSSD-78-1392	Cultural resource survey of selected portions of the Shelbyville Lake Reservoir shoreline area	9 875
United States Department of Commerce, National Oceanic and Atmospheric Administration 03-78-B01-89	Assess suitability of Illinois cloud systems to dynamic seeding technique developed in Florida	60 000
United States Department of Energy ER-78-S-02-4745	Interdisciplinary energy research and assessment of energy course curricula	150 000
United States Department of Interior 14-34-0001-8305	Maintain a center of competence in hydrology	79 850
United States Environmental Protection Agency R806293010	Chemically characterize and assess the mutagenic potential of s-Triazine metabolites	100 000
United States Navy N00014-78-C-0635	Correlate the ice conditions in the Arctic with other climatic variables throughout the world	15 000
University of California Lawrence Livermore Laboratory 2663009	Provide consulting services in connection with atomic energy research	74 986
University of Missouri	Mitigation of the adverse impact of the Harry S. Truman project upon the archaeological resources, Osage River, Missouri	54 081
<i>Total</i>		\$1 414 312

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid by the University</i>
The American Society of Papyrologists (subcontract under NEH RC-31668-78-791)	Photographic archive of papyri	\$ 9 000
The Mayo Foundation (subcontract under US HEW 1 R01 GM 24994-01)	Ultrasonic propagation properties in intact tissues	17 672
Purdue Research Foundation (subcontract under US HEW 1 R01 GM 24994-01)	Ultrasonic propagation properties in intact tissues	15 236
United States Department of Commerce, National Oceanic and Atmospheric Administration (subcontract under NSF ATM 78-08865)	Low-level convergence and the prediction of convective precipitation	24 330
University of Virginia (subcontract under NSF ATM 78-08865)	Low-level convergence and the prediction of convective precipitation	80 749
<i>Total</i>		\$ 146 987

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid to the University</i>
Eastern Illinois University PI-16	Provide PLATO IV terminals and services	\$ 10 795
Johns Hopkins University, School of Medicine PI-54	Provide PLATO IV terminals and services	13 547
Regency Management Service PI-44	Provide PLATO IV terminals and services	9 167

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid to the University</i>
United States Air Force F41689-76-C-0179	Provide PLATO IV terminals and services to Chanute Air Force Base	\$ 21 000
United States Army: DACW72-78-C-0005	Grain commodity flow study	154 850
DAMD17-75-C-5006	Post treatment of RO permeates from Army waste-waters	14 980
United States Department of Energy EE-77-S-02-4329	Determine if high CO ₂ levels act synergistically with SO ₂ in several native and crop species	46 640
EW 78-S-21-8214	Evaluate the results of the eastern gas shales project in the Illinois Basin	10 000
EY-76-S-05-4162	Traineeship program for graduate students in nuclear engineering	14 800
United States Department of Health, Education, and Welfare N01-HD-5-2849	Detect ovulation by a steroid indicator	48 549
United States Department of the Interior G0264010	Study the importance of airborne particulate matter to the transport of radon in mine atmospheres	62 445
United States Environmental Protection Agency: R803-652-02	Effect of moisture regimen on solid waste sterilization	18 938
R805588-01	Experimental management plan for the Ohio River Basin energy study	300 000
United States Navy: N00014-75-C-0904	Multivariable behavior models	59 681
N00014-75-C-0942	Investigate atom transfer reactions in electrochemical systems	8 216
University of Chicago, Argonne National Laboratory 31-109-38-4003	Conduct a study of electroorganic synthesis reactions	7 000
University of Nebraska PI-65	Provide PLATO IV terminals and services	12 100
<i>Total</i>		<u>\$ 812 708</u>

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid by the University</i>
Institut für Physikalische und Theoretische Chemie der Technischen Universität München (subcontract under NSF CHE 77-08372)	Provide consulting services	10 117
Teknektron, Inc. (subcontract under US EPA R-805588)	Experimental management plan for the Ohio River Basin energy study	180 002
<i>Total</i>		<u>\$ 190 119</u>

Contract Work Order

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid by the University</i>
Downtown Electric	Cost-plus contract — Electrical work to connect computer equipment in the Library Building	\$ 8 500
<i>Total</i>		<u>\$ 8 500</u>

Summary

Amount to be paid to the University:	
Medical Center.....	\$ 142 377
Urbana-Champaign.....	2 227 020
<i>Total</i>	<u>\$2 369 397</u>
Amount to be paid by the University:	
Chicago Circle.....	\$ 18 361
Medical Center.....	114 969
Urbana-Champaign.....	345 606
<i>Total</i>	<u>\$ 478 936</u>

This report was received for record.

Report of Investment Transactions through September 30, 1978

(34) The comptroller presented the investment report as of September 30, 1978.

**Changes in Investments
(Under Comptroller's Authority)**

<i>Date</i>	<i>Face Value or Number of Shares</i>	<i>Description</i>	<i>Cost or Yield (Percent)</i>	<i>Amount</i>
Sales:				
9/1	\$ 54 000	Hertz demand notes.....	\$ 54 000 00	\$ 54 000 00
9/13	2 000 000	Harris Trust & Savings Bank 8 percent certificate of de- posit due 10/31/78 dated 8/28/78	2 000 000 00	1 998 540 03
9/28	50 000	U.S. Treasury bills due 3/6/79	46 727 83	48 162 67
9 net	763 060	First National Bank of Chi- cago 5 percent open-end time deposit	763 060 31	763 060 31
Purchases:				
8/4	\$ 3 000	Hertz demand notes	8.05	\$ 3 000 00
8/31	100 000	U.S. Treasury bills due 9/21/78.....	7.38	99 571 25
9/5	2 000 000	First National Bank of Springfield 8½ percent certificate of deposit due 6/6/79	8.75	2 000 000 00
9/6	35 000	U.S. Treasury bills due 10/19/78....	6.30	34 738 39
9/6	45 000	U.S. Treasury bills due 11/24/78....	7.20	44 300 00
9/6	70 000	U.S. Treasury bills due 12/14/78....	7.39	68 605 56
9/6	70 000	U.S. Treasury bills due 1/25/79....	7.53	67 995 58
9/6	75 000	U.S. Treasury bills due 2/8/79.....	7.34	72 701 25
9/6	45 000	U.S. Treasury bills due 3/6/79.....	7.77	43 307 38
9/6	35 000	U.S. Treasury bills due 4/3/79.....	7.80	33 483 54
9/6	40 000	U.S. Treasury bills due 5/29/79....	8.04	37 764 00
9/15	2 000 000	U.S. Treasury bills due 12/7/78.....	7.93	1 964 079 44
9/19	185 000	U.S. Treasury bills due 11/14/78....	7.98	182 732 31
9/19	100 000	U.S. Treasury bills due 4/3/79.....	8.26	95 698 89
9/20	505 534	Government National Mortgage Asso- ciation Mobile Home "B" 8½ percent debentures (Pool No. 23,277) due 9/15/93	9.00	498 898 98
9/21	1 500 000	Government National Mortgage Asso- ciation 9 percent debentures (Pool No. 27,087) due 8/15/08.....	9.08	1 490 625 00
9/21	282 000	U.S. Treasury 8¼ percent notes due 5/15/88	8.48	277 858 13
9/25	75 000	U.S. Treasury bills due 11/24/78....	7.27	74 102 50
9/25	25 000	U.S. Treasury bills due 12/14/78....	7.19	24 606 67
9/25	1 206 000	U.S. Treasury 7½ percent bonds due 2/15/07	8.56	1 088 415 00

On motion of Mr. Livingston, this report was approved as presented.

SECRETARY'S REPORT

The secretary presented for record appointments to the faculty and changes of status made by the president, resignations, leaves of absence, and retirements. A copy of the report is filed with the secretary.

SUGGESTIONS FOR ACCELERATING BOARD BUSINESS

Mr. Lenz asked that study be given to means of expediting board action on routine agenda items, perhaps by the development of a "consent agenda" (a list proposed for summary action, that might be proposed and departed from at the option of individual trustees). He also suggested the grouping of like items for a single roll call to reduce repetitive roll calls. It was agreed the secretary would attempt to develop some procedures along these lines.

ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

President Howard called attention to the schedule of regular meetings for the remainder of the year: November 17, Medical Center; December 13, Chicago Circle.

He also announced that an executive session had been requested and would be convened after the meeting to consider reports on pending litigation.

RECESS AND EXECUTIVE SESSION

Following a short recess, the board reconvened in executive session and considered the following items of business:

Litigation Initiated by James Freidag

(35) A complaint has been filed in the Court of Claims of the State of Illinois (Case No. 78 CC 1523) by James Freidag against the University. The complaint seeks damages in the amount of \$100,000 for injuries alleged to have been incurred by plaintiff on October 30, 1977 during a "pick-up" basketball game at the Intramural-Physical Education Building on the Urbana-Champaign campus. The plaintiff alleges that he was a student of the University at the time and was willfully and maliciously struck and injured by another student. It is alleged that the University did not properly supervise the use of the intramural facility or take reasonable steps to prevent the use of the same by persons who the University knew to have a propensity for violence.

The university counsel has recommended that he be authorized to take such steps as are necessary or appropriate, including the employment of special counsel, to protect the interests of the University in this matter and to defend the claim.

I concur.

The student advisory vote was: Aye, Miss Kooper, Mr. Sobotka, Mr. Watson; no, none.

On the motion of Mr. Lenz, authority was given as recommended by the following vote: Aye, Mr. Forsyth, Mr. Hahn, Mr. Howard, Mr. Lenz, Mr. Livingston, Mr. Neal, Mrs. Rader, Mrs. Shepherd, Mr. Velasquez; no, none; absent, Governor Thompson.

Litigation Initiated by Margareta Vranicar

(36) A complaint has been filed in the United States District Court for the Eastern District of Illinois (Case No. CV78-0176-D) by Margareta Vranicar, a former employee of the University at the Urbana-Champaign campus, against the University. The complaint is in two counts, each seeking damages in unspecified amounts and recovery of costs and expenses of the action, including reasonable attorney's fees.

Count I seeks recovery under the Equal Pay Act of 1963 and the Fair Labor Standards Act and alleges that the University willfully paid plaintiff at a rate less than it was paying to employees of the opposite sex for work requiring equal skill, effort, and responsibility under similar working conditions, and that the differential in pay was based solely on the factor of sex. Count II seeks recovery under the federal Minimum Wage Law on the same basis as Count I.

The university counsel has recommended that he be authorized to take such steps as are necessary or appropriate, including the employment of special counsel, to protect the interests of the University in this matter and to defend the complaint.

I concur.

The student advisory vote was: Aye, Miss Kooper, Mr. Sobotka, Mr. Watson; no, none.

On motion of Mr. Livingston, authority was given as recommended by the following vote: Aye, Mr. Forsyth, Mr. Hahn, Mr. Howard, Mr. Lenz, Mr. Livingston, Mr. Neal, Mrs. Rader, Mrs. Shepherd, Mr. Velasquez; no, none; absent, Governor Thompson.

There being no further business, the board adjourned.

EARL W. PORTER
Secretary

GEORGE W. HOWARD III
President

LUNCHEON GUESTS

Guests of the board at luncheon included members of the Consultative Committee to Assist in the Selection of a President.