

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

October 19, 1977



The October meeting of The Board of Trustees of the University of Illinois was held in the General Lounge, Illini Union, Urbana, Illinois, on Wednesday, October 19, 1977, beginning at 10:45 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. Governor James R. Thompson and Mr. Arthur R. Velasquez were absent. The following nonvoting student trustees were present: Miss Cathy Conlon, Medical Center campus; Mr. Cornele Overstreet, Urbana-Champaign campus; Miss Gretchen Winter, Chicago Circle campus.

Also present were President John E. Corbally; Dr. Peter E. Yankwich, vice president for academic affairs; Chancellor Joseph S. Begando, Medical Center campus; Chancellor Donald H. Riddle, Chicago Circle campus; Dr. Morton W. Weir, acting chancellor, Urbana-Champaign 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; Mr. R. R. Manchester, treasurer; and Dr. Earl W. Porter, secretary.

MINUTES APPROVED

The secretary presented for approval the press proofs of the minutes of the Board of Trustees meeting of April 20, 1977, copies of which had previously been sent to the board.

On motion of Mr. Livingston, these minutes were approved as printed on pages 247 to 267 inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

President's Report

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.

REGULAR AGENDA

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

Implementation of Amendments to Open Meeting Law (Public Act 80-862)

(1) On September 21, 1977, the governor signed Public Act 80-862, which amends the open meeting law, to provide that proceedings at meetings required by the law to be open may be recorded by a representative of any news medium by tape, film, or other means. The authority holding the meeting is directed to prescribe reasonable rules to govern the making of such recordings. The authority holding the meeting is also directed to prohibit such recordings during the testimony of any witness who refuses to testify on the grounds that a witness may not be compelled to testify if any portion of the testimony is to be broadcast or televised, or if motion pictures are taken of the witness while testifying.

For the purpose of implementing this new legislation, the president recommends the adoption of the following rules governing the recording by news media of proceedings of the Board of Trustees and of its committees.

On motion of Mr. Neal, the rules governing the recording by news media of proceedings of the Board of Trustees and of its committees were approved.

Rules Governing the Recording by News Media of Proceedings at Meetings of the Board of Trustees of the University of Illinois and of Its Committees

As prescribed by Public Act 80-862, the following rules govern the recording, through the use of tape, film, or other means, by representatives of news media of proceedings at meetings of the Board of Trustees of the University of Illinois, or of its committees, which are required to be open by the laws of the state of Illinois.

1. Except as hereinafter provided, the representatives of any news medium, as defined by Section 112b of Chapter 51 of the Illinois Revised Statutes, may record, at no expense to the University, by tape, film, or other means all proceedings at meetings of the Board of Trustees of the University of Illinois, and

of any of its committees, which are required to be open by the laws of the state of Illinois.

2. Such recording is prohibited during the testimony of any witness who, pursuant to and in accordance with the rights provided by Section 57 of Chapter 51 of the Illinois Revised Statutes, refuses to testify on the grounds that a witness may not be compelled to testify if any portion of the testimony is to be broadcast or televised, or if motion pictures are taken of the witness while testifying.
3. If the method of using a recording process by a representative of a news medium interferes with, intrudes upon, or disrupts the normal functioning or the overall decorum of a meeting, such method shall be discontinued by such representative at the direction of the presiding officer of the meeting, or by action of the Board of Trustees or one of its committees, as the case may be, on the motion of any member.

Award of Certified Public Accountant Certificates

(2) 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 seven 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 names of the candidates are filed with the secretary.

I concur.

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

Advisory Committee for the College of Pharmacy, Medical Center

(3) 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, 1980.

DONALD BAUGHER, community pharmacist, Baugher Family Health Center, Beardstown

BERNARD EVERS, community pharmacist, Evers Pharmacy, Inc., Collinsville

ROBERT SINGISER, industrial pharmacist, Abbott Laboratories, North Chicago

Ex-officio members for 1977-78

ERNEST LEQUATTE, president, Illinois Pharmaceutical Association

JOEL OSBORNE, president, Illinois Council of Hospital Pharmacists

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

I recommend approval.

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

Advisory Council of Librarians, Graduate School of Library Science, Urbana

(4) The acting chancellor at the Urbana-Champaign campus has recommended the following new appointments to the Advisory Council of Librarians of the Graduate School of Library Science for terms of three years beginning September 1, 1977.

Public Libraries

FRANK J. DEMPSEY, director, Arlington Heights Memorial Library, Arlington Heights, to succeed Ruth W. Gregory, librarian, Waukegan Public Library, Waukegan, whose term is expiring.

College and University Libraries

KENNETH G. PETERSON, dean of library affairs, Southern Illinois University at Carbondale, Carbondale, to succeed Karen Horny, assistant University librarian for technical services, Northwestern University, Evanston, whose term is expiring.

School Libraries

PATRICIA L. FESSLER, learning resource coordinator, Community High School District 218, Oak Lawn, to succeed Viola James, coordinator, Instructional Materials Services, Glenbrook North High School, Northbrook, whose term is expiring.

Special Libraries

HILLS L. GRIFFIN, director, Technical Information Services Department, Argonne National Laboratory, Argonne, to succeed David E. King, librarian, Editorial Library, Standard Education Corporation, Chicago, whose term is expiring.
I concur.

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

**Appointment of Director, Institute for the Study
of Developmental Disabilities, Chicago Circle**

(5) On April 14, 1976, the Board of Trustees approved the establishment of an Institute for the Study of Developmental Disabilities, to be operated cooperatively by the University of Illinois, acting through the University of Illinois at Chicago Circle, and the Illinois Department of Mental Health and Developmental Disabilities. The institute will provide specialized training for service and research personnel in areas related to mental retardation, epilepsy, cerebral palsy, and autism.

Upon approval of the establishment of the institute, an Executive Committee¹ was appointed, and Kenneth Swiatek, director of research and executive research scientist in the Research Department of the Illinois Institute for Developmental Disabilities, was appointed acting director.

The chancellor at Chicago Circle, after consultation with the Executive Committee, has recommended that Dr. Swiatek now be given a 50 percent appointment as director of the institute and visiting professor of biological sciences, effective October 20, 1977, on a twelve-month service basis at an annual salary of \$20,500.

Dr. Swiatek will also hold a 50 percent appointment with the Illinois Department of Mental Health and Developmental Disabilities.

On June 7, 1977, the Illinois Board of Higher Education approved the establishment of the institute.

The vice president for academic affairs supports the recommendation.
I concur.

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

**Chairpersonship of the Department of Family Practice,
Peoria School of Medicine (PSM), Medical Center**

(6) The chancellor at the Medical Center has recommended the appointment of Dr. Noel Guillozet, presently director of pediatrics and family practice, Natividad

¹ Gershon Berkson, professor of psychology, Chicago Circle; Richard Blanton, director, Division of Developmental Disabilities, Department of Mental Health and Developmental Disabilities; Lawrence Bussard, Region 3A, 4, and 5/DD coordinator, Division of Developmental Disabilities; Arthur Dykstra, Region 2/DD coordinator, William A. Howe Developmental Center for Mental Health; Isadore Farber, professor of psychology and chairperson of the Department of Psychology at Chicago Circle; Richard M. Johnson, associate vice chancellor for academic affairs and professor of political science at Chicago Circle; Stanley Shapiro, professor of biological sciences and head of the Department of Biological Sciences at Chicago Circle; Christian Simonson, Region 1A, 1B, and 3B/DD coordinator, H. Douglas Singer Mental Health Center.

Medical Center, Salinas, California, as professor of family practice on indefinite tenure and chairperson of the department, Peoria School of Medicine, beginning November 1, 1977, on a twelve-month service basis, at an annual salary of \$65,000 (\$53,000 from appropriated funds and \$12,000 from capitation funds).

The Board of Trustees approved the departmentalization of the Peoria School of Medicine at its meeting on April 17, 1974.

This recommendation is made with the advice of a consultative committee¹ and after consultation with members of the Department of Family Practice of the rank of assistant professor and above. The vice president for academic affairs concurs.

I recommend approval.

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

Appointments to the Faculty

(7) 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

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. ROBERT BRUEGMANN, assistant professor of history of architecture and art, beginning September 1, 1977 (1), at an annual salary of \$13,500.
2. LAWRENCE G. GRIMM, assistant professor of psychology, beginning September 1, 1977 (1), at an annual salary of \$14,200.
3. LEO MILLER, assistant professor of biological sciences, beginning September 1, 1977 (4), at an annual salary of \$18,000.

Medical Center

4. RICHARD D. HARSHFIELD, assistant professor of pharmacology and assistant director of family practice residency, beginning October 1, 1977 (NY50;NY), at an annual salary of \$20,000.
5. KENNETH W. HUGHES, associate professor of oral surgery, beginning September 1, 1977 (WY), at an annual salary of \$25,000.
6. NUANNOI SITHICHOKE, assistant professor of general nursing, beginning September 1, 1977 (1Y), at an annual salary of \$18,000.

¹ H. Hugh Rohrer, clinical assistant professor of preventive medicine, PSM, chairperson; Albert S. Maurer, clinical assistant professor of family practice, PSM; Joe McDade, lay member; William Scurlock, student; Robert E. Sestheim, clinical associate, School of Basic Medical Sciences, Urbana; T. Tosi, clinical assistant professor of pediatrics, PSM; Richard M. Trumpe, associate dean for student affairs, PSM; Marcia vanGemert, assistant professor of pharmacology, PSM.

7. AMERFIL M. WANG, assistant professor of general nursing, beginning October 1, 1977 (WY), at an annual salary of \$22,000.
8. RAYMOND L. WRIGHT, JR., assistant professor of periodontics and of orthodontics, 100 percent time for ten months beginning September 1, 1977, and 80 percent time for two months beginning July 1, 1978 (1Y;NY80), at an annual salary of \$18,750.

Urbana-Champaign

9. JAN C. COLTON, assistant professor of speech and hearing science, beginning August 21, 1977 (1), at an annual salary of \$14,500.
10. RICHARD A. CORBY, assistant professor of African studies in the African Studies Program, beginning August 21, 1977 (W), at an annual salary of \$13,500.
11. LAURENT A. GOSSELIN, assistant professor of child development in the School of Human Resources and Family Studies, beginning August 21, 1977 (1), at an annual salary of \$15,000.
12. JIMMY L. HOWARD, assistant professor of veterinary clinical medicine, beginning August 21, 1977 (1Y), at an annual salary of \$25,500.
13. RONALD D. MATTHEWS, assistant professor of mechanical and industrial engineering, beginning August 21, 1977 (1), at an annual salary of \$15,750.

Administrative Staff

14. NANCY S. MAUCK, director, Medical Service Plan Operations, Abraham Lincoln School of Medicine, Medical Center, beginning September 1, 1977 (NY), at an annual salary of \$26,000.

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

Nonsalaried Faculty of the College of Medicine for 1977-78

(8) On 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, 1977. The list of these appointments is being filed with the secretary of the board 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 2,668, of whom 97 are emeritus. The total for 1976-77 was 2,259, of whom 94 were on emeritus status.

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

School of Basic Medical Sciences, Medical Center

Anatomy	5
Pharmacology	6
Physiology	6

<i>School Total</i>	17
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<i>School of Basic Medical Sciences, Urbana</i>	372
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Peoria School of Medicine

Basic Science	10
Dermatology	1
Family Practice	56
Medicine	33
Neurosciences	2
Obstetrics/Gynecology	9
Pathology	14
Pediatrics	18
Preventive Medicine	13
Psychiatry	13

Radiology	20
Rehabilitation Medicine	9
Surgery	62
<i>School Total</i>	260
<i>Rockford School of Medicine</i>	135
<i>Abraham Lincoln School of Medicine</i>	
Anesthesiology	52
Center for Craniofacial Anomalies	3
Dermatology	32
Family Practice	55
Medicine	550
Neurology	19
Neurosurgery	20
Obstetrics/Gynecology	121
Ophthalmology	78
Orthopaedic Surgery	53
Otolaryngology	58
Pathology	95
Pediatrics	132
Physical Medicine and Rehabilitation	30
Preventive Medicine and Community Health	18
Psychiatry	175
Radiology	75
Surgery	210
<i>School Total</i>	1 776
<i>School of Associated Medical Sciences</i>	
Medical Art	2
Medical Dietetics	12
Medical Laboratory Sciences	13
Medical Record Administration	4
Medical Social Work	11
Occupational Therapy	36
Physical Therapy	30
<i>School Total</i>	108
<i>Grand Total</i>	2 668

Grant to Support an Occupational Safety and Health Educational Resource Center, Medical Center

(9) The University of Illinois at the Medical Center has been awarded a grant of \$264,671 by the National Institute of Occupational Safety and Health to fund the first year of a five-year project for the establishment of an Occupational Safety and Health Educational Resource Center.¹

Located administratively within the School of Public Health, the center will be directed by Dr. Bertram Carnow, professor of occupational and environmental medicine, and will involve the active participation of the colleges of Medicine and Nursing at the Medical Center and the College of Engineering at the Chicago Circle campus. During the first year the project will include five training program elements: occupational medicine residency (in collaboration with Cook County Hospital), industrial hygiene, occupational health nursing, occupational safety, and continuing education and outreach. Funds are provided to cover faculty salaries, student stipends, and supporting costs. Funding for subsequent years is

¹ The term *center* derives from the federal enabling statute. Under University rules, a center must enjoy "a high degree of permanence and long-term institutional commitment." If, at the end of the federal grant period, the School of Public Health determines to continue this activity, steps prescribed by the University *Statutes* for the formal establishment of a center, within the regular academic organization, will be initiated.

projected at \$500,000 each for the second and third years and approximately \$750,000 each for the fourth and fifth years.

I recommend that the secretary of the board report this grant to the executive director of the Illinois Board of Higher Education.

On motion of Miss Conlon, this recommendation was approved.

Area Health Education Center (AHEC) Contract, Medical Center

(10) The University of Illinois Medical Center administers one of eleven federally funded Area Health Education Center (AHEC) projects. A five-year contract, awarded by the Department of Health, Education, and Welfare on September 30, 1972, terminated on September 30, 1977. During the five years, \$9,301,871 has been available through the contract.

Continuation for two additional years was authorized under Section 781 of The Health Professions Educational Assistance Act of 1976. Negotiations with the department for this contract, covering the period from October 1, 1977, through September 30, 1978, have been completed. Funding at a level estimated as \$1,884,731 direct, plus \$150,818 indirect overhead recovery, will be awarded. This represents a reduction in support of approximately \$1,006,000 when compared with the final year of the five-year contract.

The new AHEC contract will support, at a reduced level, primary care residency and allied health programming of the College of Medicine and baccalaureate completion and master's level education programs of the College of Nursing which have been established at regional campus settings of the Medical Center. Developmental funding for health professions continuing education will support inter- and intradisciplinary programming in Regions 1-A, 1-B, 2, and 3-B. Each of the Medical Center schools now participates or provides consultation for contract operations. Further development is expected to increase the range of offerings available in each of the four regions.

Continuation of the AHEC contract for an additional two years is supported by the chancellor and academic officers at the Medical Center. The budget for the coming year has been reviewed and approved by the Area Health Education System Campus Management Committee and the vice chancellor for academic affairs. The vice president for academic affairs and the vice president for administration recommend approval of the contract.

I concur.

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

Agreement with the Urbana and Champaign Sanitary District and the Village of Savoy: Regionalization and Improvement of Wastewater Treatment Facilities

(11) The Urbana and Champaign Sanitary District has asked the University to share in the cost of expanding and improving the sanitary sewer facilities of the district which the University uses.¹ This project is part of an overall plan to provide increased efficiency of the district's northeast and southwest treatment facilities to meet Illinois water quality standards and to upgrade the existing treatment system. The University will provide transmission mains from Willard Airport to the village of Savoy's sewer lines for regionalization of the Willard Airport area with the Village of Savoy and Sanitary District. The total project, which will cost \$35,440,000, will begin during Fiscal Year (FY) 1978 and will be completed in steps by FY 1980. The program is being financed in part by a 75 percent

¹ The formula to determine the University's share of the annual cost is the ratio of the total average wastewater treated by the district at each plant to the amount of water consumed by the University. Based on this formula, the cost to the University will be approximately 16 percent of the local share of the project.

federal grant, with the balance funded locally, including anticipated University participation. The work will be accomplished in three steps: Step 1 includes facilities planning; Step 2 is the design of improvements; and Step 3 is construction of improvements.

The University has been operating its own wastewater treatment plant at Willard Airport since 1951. The plant does not meet Environmental Protection Agency quality standards for the treatment of the effluent and is obsolete, and the University has been instructed by the Illinois and U.S. Environmental Protection Agencies to meet the required standards by December 31, 1978, by diverting all sewage flow to the Urbana and Champaign Sanitary District's system. The regionalization agreement will provide facilities for treatment of wastewater by the district's central treatment facilities and will result in the abandonment of the University's treatment plant at Willard Airport.

Based on a percentage factor used to determine the University's share in the cost of improvements of direct benefit to the University (approximately 16 percent), the estimated cost to the University for this project is \$1,400,000. The final cost to the University will be based on the actual cost of the project.

Funds in the amount of \$64,000 have been appropriated to the Capital Development Board for the use of the University from capital development funds for Steps 1 and 2 for FY 1978, subject to release by the governor. Additional funds, estimated at \$614,000 and \$722,000 for Step 3, will be requested in FY 1979 and FY 1980, respectively.

In order to participate in the regionalization project, it is required that the University enter into agreements with the district and the village. Such agreements will provide for payment of the University's share of the improvements and that (1) the district annex a portion of the University land to the district, (2) the parties join in an application to the U.S. Environmental Protection Agency and the Illinois Environmental Protection Agency for a permit for construction approval, (3) the University fund the construction of required sewer facilities serving Willard Airport and own and operate those facilities, (4) the University be permitted the use of the village's sewer lines, and (5) the University execute other miscellaneous documents necessary to complete the project.

The president of the University, with the concurrence of appropriate administrative officers, recommends that the comptroller and the secretary of the board be authorized to execute the above agreements and other necessary documents and agreements and obtain the necessary easements to accomplish the above, subject to the availability of funds appropriated for the purpose of funding this project.

The student advisory vote was: Aye, Miss Conlon, Mr. Overstreet, Miss Winter; 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; no, none; absent, Governor Thompson, Mr. Velasquez.

Contract for Exhibition, Krannert Art Museum, Urbana

(12) The director of the Krannert Art Museum and the dean of the College of Fine and Applied Arts have proposed that a contract be made with the Museum of Modern Art in New York to bring an exhibition of the work of the artist Sol LeWitt to the Krannert Art Museum for the period from March 4 through April 8, 1979.

The exhibition consists of various structures, some complex, and all based on the cube as a module. There will be large wall drawings, executed by University

of Illinois students, following geometric designs prepared by the artist. Sol LeWitt's work is related to theories and studies in environmental planning, urban architecture, stage design, and graphic design, although he is best known for his work as a sculptor.

The proposed contract will require payment by the University of \$12,000 plus prorated transportation charges. Funds are available in the institutional funds budget, Urbana campus, approved by the Board of Trustees for FY 1978.

The acting chancellor at the Urbana-Champaign campus has recommended that the comptroller and the secretary be authorized to execute a contract with the Museum of Modern Art, New York, for the loan of the exhibit as outlined above. The vice presidents for administration and for academic affairs recommend approval.

I concur.

The student advisory vote was: Aye, Miss Conlon, Mr. Overstreet, Miss Winter; no, none.

On motion of Mrs. Rader, 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; no, none; absent, Governor Thompson, Mr. Velasquez.

Acceptance of Gift with Waiver of Warranties and Liability¹

(13) The Singer Company, Link Division, has offered to donate to the University a general aviation trainer which it has previously loaned to the University under a consignment agreement. The trainer would be utilized by the Institute of Aviation as an addition to its research and development program.

The Singer Company has disclaimed any warranties or representations concerning the equipment and assumes no liabilities arising out of or in connection with the condition, performance, use, or operation of the equipment as a condition of its gift. The director of the Institute of Aviation and the acting chancellor of the Urbana-Champaign campus have recommended acceptance of the gift upon the conditions stated. The vice president for administration supports the recommendation.

I concur.

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

Recommendations of the University Patent Committee

(14) The University Patent Committee submits the following recommendations relating to discoveries or inventions by members of the staff.

I concur in these recommendations.

The Committee on Patents of the Board of Trustees has examined background material related to these inventions and recommends approval.

1. *Suppressed Reflection SAW Transducer* — B. J. Hunsinger, associate professor of electrical engineering and research associate professor in the Coordinated Science Laboratory, Urbana, and Kentaro Hanma, electrical engineer, Hitachi, Ltd., Japan, inventors; sponsored by the Joint Services Electronics Program and Hitachi, Ltd.

¹ In presenting this recommendation, President Corbally explained that such items are brought to the board now, because the University is covering its liability by self-insurance. It is anticipated that, accordingly, certain donors will ask for such waivers. The board may wish to act on each of these as they are presented, or might consider an extension of the president's authority to accept gifts to include waiving liability when such a request is made. He indicated that, if the number of such requests increased, some such alternative procedure might be recommended.

University Patents, Inc., reported that it wishes to patent and license this idea. The University Patent Committee recommends that the rights of the University be transferred to the University of Illinois Foundation, subject to the rights of the sponsors, and that 15 percent of the net income from this idea received by the University of Illinois Foundation, after payment of any costs and expenses of securing a patent and of development and administration, be distributed to the inventors, such distribution to be allocated equally between them in accordance with their signed agreement.

2. *Full-fat Soy Protein Concentrate* — Munir Cheryan, assistant professor of food science, Urbana, inventor.

University Patents, Inc., reported that this idea is nonpatentable and that a licensing program would be impractical to conduct. The University Patent Committee recommends that the rights of the University in this idea be released to the inventor.

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

Noninstructional Capital Improvements for November 1977 to October 1978

(15) The Illinois Board of Higher Education has requested that all "noninstructional" projects presently planned for the period November 1977 to October 1978 be submitted with the Fiscal Year 1979 Resource Allocation and Management Plan document. The noninstructional capital improvement projects for the Chicago Circle, Medical Center, and Urbana-Champaign campuses 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 Illinois Board of Higher Education.

The student advisory vote was: Aye, Miss Conlon, Mr. Overstreet, Miss Winter; no, none.

On motion of Mr. Neal, 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; no, none; absent, Governor Thompson, Mr. Velasquez.

Chicago Circle		Total
<i>Project Name/Category</i>	<i>Anticipated Sources of Funds</i>	<i>Project Cost</i>
<i>Chicago Circle Center Swimming Pool Locker Room Renovation</i>	Revenue Bond Fund Reserve	\$ 40 000
The locker room surfaces require resurfacing after eleven years' use. This project would tile these areas.		
<i>Remodel Second Floor Locker Rooms, Chicago Circle Center</i>	Revenue Bond Fund Reserve	50 000
It is proposed to convert a portion of the second floor locker room area into enlarged rest room facilities. All of the lockers are not required, and there is a shortage of rest room facilities on the second level.		

<i>Project Name/Category</i>	<i>Anticipated Sources of Funds</i>	<i>Total Project Cost</i>
<i>Chicago Circle Center Storage Facility</i>	Revenue Bond Fund Reserve	\$ 200 000
<p>With proposed remodeling of the Roosevelt Road Building, temporary storage space allocated for Chicago Circle Center will no longer be available. Studies are being completed as to the location and the type of storage required on the building site. Approximately 20,000 square feet of heated and humidity-controlled space is required to store textbooks and dry supplies.</p>		
<i>Parking Lot Improvements — Surface Lot 30</i>	Revenue Bond Fund Reserve	100 000
<p>Lot 30 is directly east of the Art and Architecture Building and has been in use for eight years as a gravel surface with no drainage or lighting. University administration has indicated that there are no present plans to construct a building on this site. Accordingly, it is proposed to provide proper drainage and lighting and blacktop this area as a surface parking lot. When this is completed, all surface lots at Chicago Circle will be adequately lighted and blacktopped.</p>		
<i>Chicago Circle Center Installation of Revolving Doors at Main Concourse Entrance</i>	Revenue Bond Fund Reserve	80 000
<p>In an attempt to conserve heat and air conditioning energy as well as to more efficiently accommodate the heavy pedestrian traffic, it is proposed to install revolving doors at the main concourse.</p>		
<i>Chicago Circle Center Recreation Area Lighting</i>	Revenue Bond Fund Reserve	20 000
<p>It is proposed to provide new lighting fixtures in the Recreation Lobby and the Billiard Rooms due to the fact that the existing lighting is inadequate.</p>		
<i>Enclose First Floor, High Rise, Chicago Circle Center</i>	Revenue Bond Fund Reserve	100 000
<p>In order to complete the original project in the Chicago Circle Center, it is proposed to enclose the</p>		

first floor of the High Rise Building to permit the development of a sales and rental outdoor recreation area.

Medical Center

<i>Project Name/Category</i>	<i>Anticipated Sources of Funds</i>	<i>Total Project Cost</i>
<i>Parking Lot Improvement and Expansion/Site Improvements</i> This project will expand the 27-space gravel Lot W-4 to a 77-space blacktopped lot with lighting, attendant booth, new entrance and exit lane, landscaping, and fencing.	Medical Center Parking Revenue Bond Fund of 1976	\$ 58 000
<i>Parking Lot Improvement and Expansion/Site Improvements</i> This project will expand the 330-space Lot E to 382 spaces, extending parking under elevated tracks and into an adjacent street which is closing. The work includes fencing, landscaping, lighting, a fire sprinkler, a protecting cover under the tracks, plus a new blacktop surface for the entire lot.	Medical Center Parking Revenue Bond Fund of 1976	203 600
<i>Parking Lot Improvement/Site Improvements</i> This project will upgrade the 400-space Lot G (presently 50 percent gravel, 50 percent deteriorated blacktop). The work includes sewers and drainage improvements, plus a new blacktop surface over the entire lot.	Medical Center Parking Revenue Bond Fund of 1976	105 000

Urbana-Champaign

<i>Project Name/Category</i>	<i>Anticipated Sources of Funds</i>	<i>Total Project Cost</i>
Surface Parking Lots at Five Locations for 393 Total Spaces/Site Improvement	Parking Development Reserve Fund	\$ 188 000
Beckwith Living Center/Buildings, Structures, and/or Additions	Private gift to University of Illinois through University of Illinois Foundation Beckwith Memorial Trust	1 000 000
Worthy Memorial Grove/Site Improvement	Private gift from Mother's Association	1 500
Expansion of the Illini Union Bookstore/Buildings, Structures, and/or Additions	Revenue Bond Fund Reserve	400 000
Willard Airport Terminal Building Addition/Buildings, Structures, and/or Additions	Revenue Bonds	600 000

Chicago Circle Union Revenue Bonds, Series 1977¹

(16) On March 23, 1977, the Board of Trustees approved the construction of Parking Structure Number Two at the Chicago Circle campus to be financed by the sale of revenue bonds.

The University has received a purchase offer for the bonds from John Nuveen and Co., Inc. (a copy of which is filed with the secretary of the board), for \$5,000,000 of the Board of Trustees of the University of Illinois, Chicago Circle Union Revenue Bonds, Series 1977, at a price of \$4,830,000, plus accrued interest to the date of delivery. The offer is considered economically acceptable in current market conditions, and the amount offered is sufficient to finance the project. Under the proposed arrangement the effective rate of interest on the bonds would be 5.746 percent.

The vice president for administration and comptroller has recommended the adoption of "A Resolution Creating and Authorizing the Issue, Authentication, and Delivery of \$5,000,000 Chicago Circle Union Revenue Bonds, Series 1977, and Supplementing a Resolution Duly Adopted by the Board of Trustees of the University of Illinois on June 19, 1963," authorizing and providing for the issuance of \$5,000,000 of Chicago Circle Union Revenue Bonds, Series 1977, for the financing of this project and also has recommended acceptance of the above offer of John Nuveen and Co., Inc., to purchase the same. (A copy of the resolution has been filed with the secretary of the board for record.)

He has further recommended that the board (1) authorize the execution of the bonds by Earl W. Porter, secretary of the board, by facsimile signature of the president of the board and by facsimile signatures of Park Livingston and Earl L. Neal, members of the board; and (2) authorize, ratify, and confirm all actions taken or to be taken by the officers and members of the board in connection with the sale and delivery of the bonds to the purchaser indicated above.

I concur.

The student advisory vote was: Aye, Miss Conlon, Mr. Overstreet, Miss Winter; no, none.

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

Award of Contracts for Parking Structure Number Two, Chicago Circle

(17) The president of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for the construction of Parking Structure Number Two at the Chicago Circle campus, the award in each case being to the lowest base bidder:

General Work

Walsh Bros., Inc., Chicago.....	Base Bid \$3 598 000
Additive Alternate #1.....	23 500

¹ Prior to action on this recommendation, there was general discussion concerning the use of student fees as a "subsidy" — that is, a pledge to guarantee financing of the parking structure. A number of trustees expressed concern about this step. The president pointed out that it is not possible to guarantee absolutely that no use of the funds will be made, although the clear intention is to support the debt service and operations through the parking fees themselves. A new fast-food service is to be undertaken at the Chicago Circle Center. Should it be profitable, there would be funds available in the Union Reserve, and the questions would arise: What should be done with such funds? Could they be available to support the parking structure and, therefore, reduce parking fees? Alternatively, should these funds be available for student programs? In short, the point was made that, if one is to protect the student fees, the option could be to raise parking fees, which students will also pay. Nonetheless, President Corbally made clear that there is a general administrative understanding of the trustees' concern over the possible use of student fees for this purpose.

Plumbing Work

Frank Saville Plumbing, Inc., Park Ridge..... \$ 129 000

Electrical Work

Hatfield Electric Co., Chicago..... 268 544

Total \$4 019 044

It is also recommended that an agreement be executed with Walsh Bros., Inc., for the assignment to that company of the contracts for plumbing and electrical work. The fee for the supervision of these contracts is included in the base bid. Thus, the total contract with Walsh Bros., Inc., will be \$4,019,044.

The Board of Trustees on March 23, 1977, authorized the employment of Carl Walker & Associates, Inc., Elgin, to provide professional architectural and engineering services for this project through the receipt of bids. It is further recommended that this firm be employed to provide the balance of the architectural and engineering services required during the construction phase, at a fixed fee of \$40,000, plus authorized reimbursements.

Funds are available from the proceeds of revenue bonds, Series 1977.

Submitted herewith is a schedule of the bids received, a copy of which has been filed with the secretary of the board for record.

The student advisory vote was: Aye, Miss Conlon, Mr. Overstreet, Miss Winter; no, none.

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

Increase in Contract for Construction of Parking Structure, Medical Center

(18) The president of the University, with the concurrence of appropriate administrative officers, recommends that the contract with S. N. Nielson Company, Chicago, be increased by \$23,520 to fabricate and install necessary additional graphics for the parking structure at the Medical Center campus.

It is now necessary to provide additional graphics, beyond those originally included in the design, for clear identification for the vehicular and pedestrian traffic within the structure.

The firm of Carol Naughton & Associates, Graphics Consultant, Chicago, was employed by the architect for the replacement hospital to provide the graphics design for that facility. This firm has since been employed by the University to design the graphics for the parking structure and to coordinate with those in the replacement hospital. Additional work is to install approximately 350 additional signs and to revise the type of sign and message for approximately 350 signs included in the original contract.

Funds are available in the Medical Center Parking Revenue Bonds of 1976 construction account (contingency).

The student advisory vote was: Aye, Miss Conlon, Mr. Overstreet, Miss Winter; no, none.

On motion of Miss Conlon, 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; no, none; absent, Governor Thompson, Mr. Velasquez.

Phase II of Restoration Work, Krannert Center for the Performing Arts, Urbana

(19) On June 6, 1974, the Board of Directors of the University of Illinois Foundation authorized the borrowing of approximately \$2,000,000 to provide funds for corrective work at the Krannert Center for the Performing Arts. The Foundation has substantially completed Phase I of the restoration work which allocated approximately 1.6 million dollars to eliminate the most significant causes of leaks and deterioration of exterior and interior materials, as well as that work which would be compatible with other restoration measures to be undertaken at a later time. The work for Phase II, involving the restoration of the roof, some redecorating, plastering, painting, and entrance stairways, was deferred until funds became available. The estimated cost of this work is \$550,000, of which the roof is a major portion. The litigation relating to the Krannert Center for the Performing Arts has now been settled, and the proceeds thereof are now available for the Foundation to accomplish the deferred work.

The president of the University, with the concurrence of the appropriate administrative officers, recommends that the University of Illinois Foundation be authorized to proceed with the necessary work as described above, up to in an amount of \$550,000 from the proceeds of the settlement of the litigation against the original contractor and architect for the project.

The student advisory vote was: Aye, Miss Conlon, Mr. Overstreet, Miss Winter; no, none.

On motion of Mrs. Rader, 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; no, none; absent, Governor Thompson, Mr. Velasquez.

Contract for Professional Advertising Services, Medical Center

(20) The University of Illinois Hospital now suffers a critical shortage of nurses and has more than 100 unfilled nursing positions. As a result, the hospital has been forced to curtail health delivery services, which has also had a detrimental effect on instructional programs.

The professional services of an advertising agency are desired to assist in the development of an effective recruitment program for nurses; to create ideas for all types of recruiting materials (advertisements, brochures, exhibits); to suggest the most effective advertising media; to create and provide artwork, copy, layout design, tear sheets, etc., for advertising; and to place advertisements.

The chancellor of the Medical Center campus has recommended approval of a contract with the firm of Bentley, Barnes, and Lynn, Inc., Chicago. The contract would be divided into two cost components:

1. Reimbursement for advertisements placed by the agency, and
2. A charge for artwork, layout, and other professional and artistic services in the development of the nursing recruitment program.

The major component is reimbursement for advertisements placed. The reimbursement will be exclusive of any commissions paid or payable to the agency by the advertising media. When a commission is not paid to the agency, the standard agency charge for placing advertisements will be added to the reimbursement. The cost of professional and artistic services provided will vary between \$8 and \$20 per hour, depending on the type of service required. Total charges payable under this contract will not exceed \$60,000 for the period September 1, 1977, through June 30, 1978. Funds are available in the Hospital Income Account.

The vice president for administration concurs in the recommendation.
I recommend approval.

The student advisory vote was: Aye, Miss Conlon, Mr. Overstreet, Miss Winter; no, none.

On motion of Miss Conlon, 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; no, none; absent, Governor Thompson, Mr. Velasquez.

Employment of Campus Planning Consultant, Medical Center

(21) The president of the University, with the concurrence of appropriate administrative officers, recommends the employment of Richardson, Severns, Scheeler, Greene, & Associates, Inc., Champaign, for consulting services for a total capital improvements program contemplated for the Medical Center campus (Campus Master Plan) at a fee based on the actual hourly rate of technical personnel plus 165 percent for overhead and profit plus reimbursable expenses estimated to be \$4,000 authorized by the University. The total cost of the services is not to exceed \$60,500.

Funds are available in the institutional funds budget of the Physical Plant Department (Medical Center) as approved by the Board of Trustees for FY 1978.

This firm was previously authorized by the Board of Trustees for a similar project on June 18, 1975, subject to the availability of funds. These funds were not available, and the contract was not executed. Therefore, it is also recommended that the previous action by the Board of Trustees be rescinded.

The student advisory vote was: Aye, Miss Conlon, Mr. Overstreet, Miss Winter; no, none.

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

Employment of Consultant: Survey of the Use of Space Vacated Following Completion of Replacement Hospital, Medical Center

(22) The president of the University, with the concurrence of appropriate administrative officers, recommends the employment of Richardson, Severns, Scheeler, Greene, & Associates, Inc., Champaign, for professional services: a "building use and condition" survey of the space to be vacated as a result of the completion of the replacement hospital at the Medical Center campus. The fee would be based on the actual hourly rate of technical personnel plus 165 percent, with the total fee not to exceed \$60,000 including reimbursable expenses authorized by the University. The latter is estimated to be \$3,400.

Funds for this project are available in the institutional funds budget of the Physical Plant Department (Medical Center) as approved by the Board of Trustees for FY 1978.

The student advisory vote was: Aye, Miss Conlon, Mr. Overstreet, Miss Winter; no, none.

On motion of Miss Conlon, this recommendation was approved by the following vote: Aye, Mr. Forsyth, Mr. Howard, Mr. Lenz, Mr. Liv-

ingston, Mr. Neal, Mrs. Rader, Mrs. Shepherd; no, none; absent; Governor Thompson, Mr. Velasquez. Mr. Hahn asked to be recorded as not voting.

Employment of Consultant for Studies Related to the Medical Center Steam Company

(23) The president of the University, with the concurrence of appropriate administrative officers, recommends the employment of Stanley Consultants, Inc., Chicago, for consulting services in connection with analyzing the feasibility of refitting the Medical Center Steam Company plant for coal use and general upgrading of the plant. Employment of a consultant to study a change in fuel would provide a cost benefit analysis of such renovation, including energy-saving capabilities and possible interconnecting of the Medical Center and Chicago Circle utilities plants. The fee will be based on the actual payroll costs plus 150 percent, plus authorized reimbursements, with a maximum fee not to exceed \$55,000.

Funds for this project are available in the institutional funds budget at the Physical Plant Department (Medical Center) as approved by the Board of Trustees for FY 1978.

The Buildings and Grounds Committee approved the selection of this firm for this project on September 21, 1977.

The student advisory vote was: Aye, Miss Conlon, Mr. Overstreet, Miss Winter; 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; no, none; absent, Governor Thompson, Mr. Velasquez. Mr. Hahn asked to be recorded as not voting.

Request of Capital Development Board: Employment of Architect/Engineer for Veterinary Medicine Research Buildings, Urbana

(24) The president of the University, with the concurrence of appropriate administrative officers, recommends that the Capital Development Board be requested to employ Isaksen & Matzdorff, Urbana, for the required professional services for the veterinary medicine research buildings at the Urbana campus at a fee commensurate with the scope of services required. It is contemplated that the University will assist the firm in the preliminary design phase and in observation of the project in view of the University's experience on a similar building.

Funds are available in appropriations to the Capital Development Board from capital development funds (FY 1978) for the benefit of the University for this project, subject to release by the governor.

The student advisory vote was: Aye, Miss Conlon, Mr. Overstreet, Miss Winter; no, none.

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

Request of Capital Development Board: Employment of Architect/Engineer for the Dairy Farm Consolidation Project, Urbana

(25) The president of the University, with the concurrence of appropriate administrative officers, recommends that the Capital Development Board be requested

to employ Progressive Agricultural Consultants, Morton, for the required professional services for the Dairy Farm consolidation project¹ at the Urbana-Champaign campus at a fee commensurate with the scope of services required. The University's Purchasing Division will solicit bids for the fixed equipment for this project.

Funds are available in appropriations to the Capital Development Board from capital development funds (FY 1978) for the benefit of the University for this project, subject to release by the governor.

The student advisory vote was: Aye, Miss Conlon, Mr. Overstreet, Miss Winter; no, none.

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

Report of Rejection of Bid for Recreational Facilities, Peoria School of Medicine

(26) On July 20, 1977, the Board of Trustees approved the employment of the firm, William E. Rose & Associates, Hinsdale, to provide the required professional services for the planning, design, and construction of recreational facilities for students attending the Peoria School of Medicine.

On September 14, 1977, a single bid was received from All Weather Courts, Inc., Springfield, for the construction of this project, which exceeded the estimated construction cost of the project by approximately \$36,000. This bid was rejected. Therefore, pursuant to the provision of Section 15(e)(2) of the *General Rules Concerning University Organization and Procedure*, the president reports the rejection of this bid.

On motion of Mr. Hahn, this report was received for record.

Establishment of Parking Operations Development Reserve Fund, Urbana

(27) On May 18, 1977, the Board of Trustees approved guidelines and definitions pertaining to the handling of locally held funds. In accord with the requirements of those guidelines, the acting chancellor of the Urbana-Champaign campus, with the concurrence of the vice president for administration, has recommended the establishment of a Parking Operations Development Reserve Fund from the parking operations auxiliary enterprise at the Urbana-Champaign campus. The fund would be established in the amount of \$400,000 for the acquisition, extension, and improvement of surface parking lots at the Urbana-Champaign campus.

I concur.

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

Purchases

(28) 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

¹ The components of the preliminary budget are as follows: new space is \$155,200, remodeling is \$100,000, fixed equipment is \$165,900, and the contingency and architect/engineer is \$28,900, for a total of \$450,000.

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

The total amounts of these purchases were:

<i>From Appropriated Funds</i>	
Recommended	\$ 4 000 00
<i>From Institutional Funds</i>	
Recommended	484 251 61
<i>Grand Total</i>	<u>\$488 251 61</u>

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

The student advisory vote was: Aye, Miss Conlon, Mr. Overstreet, Miss Winter; no, none.

On motion of Mr. Forsyth, 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; no, none; absent, Governor Thompson, Mr. Velasquez.

Report of Purchases Approved by the Vice President for Administration

(29) 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 and a report of bids taken in behalf of the Capital Development Board. A copy of this report is filed with the secretary.

This report was received for record.

The Comptroller's Monthly Report of Contracts Executed

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

Chicago Circle

Change Order

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid to the University</i>
Mathematica Policy Research, Inc.	Analysis of the Gary Income Maintenance Experiment	\$ 93 947
<i>Total</i>		<u>\$ 93 947</u>

Medical Center

Change Order

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid by the University</i>
United States Public Health Service NIH N01-CM-67090	Isolation of antineoplastic agents from plants	\$ 5 233
<i>Total</i>		<u>\$ 5 233</u>

Renewal Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid by the University</i>
Sisters of Charity of the Blessed Virgin Mary, Dubuque, Iowa	Lease of Saint Mary's Convent located at 2035 West Taylor Street, Chicago, for the period July 1, 1977, to June 30, 1978	\$ 26 004
<i>Total</i>		<u>\$ 26 004</u>

Urbana-Champaign

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid to the University</i>
Emma Pendleton Bradley Hospital PI-68	Provide PLATO IV terminals and services	\$ 25 008
National Aeronautics and Space Administration NAS 9-15328	Effects of prolonged weightlessness on the humoral immune response in humans	11 315
State of Illinois Department of Agriculture	Diagnostic examinations of animals	269 500
State of Illinois Department of Transportation IHR-606	Equine internship and research	55 000
State of Illinois Office of Education RD5-A8-531	Soil-water properties of subgrade soils	18 000
State of Illinois Office of Education RD5-A8-531	Occupational teacher education development	15 150
Commonwealth of Virginia Department of Corrections	Provide services in an investigation concerning the Virginia Corrections Master Plan	126 911
United States Army: DAAG29-77-C-0025	Research near millimeter wave study components	45 000
Construction Engineering Research Laboratory	Provide services involving heating, ventilation, and air-conditioning systems	5 031
United States Cooperative State Research Service	Provide services for research in agricultural engineering	26 800
United States Department of Commerce, National Oceanic and Atmospheric Administration 04-7-022-44026	Study convective severe storms	48 300
United States Department of Interior, Fish and Wildlife Service	Provide services for the Environmental Contaminant Evaluation Program	23 735
United States Navy N00014-77-C-0537	Study the electronic and optical properties of isoelectronic impurities in ternary semiconductors	39 000
University of Chicago	Community ecology and adaption of elderly persons	73 380
Argonne National Laboratory 31-109-38-3987	Determine pressure field associated with parallel flow in an annular region	29 770
University of Nebraska at Lincoln PI-65	Provide PLATO IV terminals and services	46 590
Upper Great Lakes Regional Commission 10720341	Analyze in-migration phenomena of individuals in the Upper Great Lakes Region	23 000
Urbana School District #116	Develop an elementary physical education program	8 000
The Visiting Nurse Association of Chicago No. 9454	Survey clients' satisfaction with services received	5 145
Western Washington State College 100-FBAH-SC	Assessment and treatment of fear in dentistry	8 782
William Rainey Harper Community College	Supply facilitative services for instructional applications of computers	6 656
<i>Total</i>		\$ 910 073

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid to the University</i>
College of DuPage, Community College District No. 502 PI-15	Provide PLATO IV terminals and services	\$ 43 823
Griffin Wheel Company	Improve cast steel railway car wheels	50 000
National Aeronautics and Space Administration NSG-7044	Cell evolution and the translation process	65 000
State of Illinois Department of Agriculture	Cattle and swine disease research	103 000

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid to the University</i>
State of Illinois Department of Mental Health 726-12	Complex vocational skill development of the severely retarded blind and deaf blind	\$ 18 477
State of Illinois Department of Transportation, Division of Highways:		
IHR-2	Highway problems	6 000
IHR-301	Stress history of highway bridges	25 000
IHR-304	Steel bridge design criteria to help minimize the probability of fracture	25 000
IHR-305	Rehabilitation of bridges in local roads	29 000
IHR-508	Load response characteristics of flexible pavements	33 000
IHR-604	Moisture movement and equilibria in pavement systems	22 000
IHR-901	Determine optimum maintenance procedures and materials for continuously reinforced concrete pavement	31 800
State of Illinois Joint Commission Legislative Information System	Evaluate terminal and communication needs of Legislative Information Committee	8 575
United States Air Force AFOSR-76-2911	Semiconductor oxide interface states	99 500
United States Army:		
DAAB07-76-C-1938	Design of radio location system	129 817
DAAD05-76-C-0743	Three-dimensional stress analysis of ballistic components	30 236
Construction Engineering Research Laboratory	Provide services in acoustical-related studies	6 210
	Provide services in computer programming	6 392
	Provide services in environmental research	55 084
	Provide services in heating, ventilation, and air-conditioning research	6 438
United States Department of Housing and Urban Development H-3942	Perform flood insurance studies in Illinois	52 589
United States Department of Interior G0264010	Study of the importance of airborne particulate matter to the transport of radon in mine atmospheres	66 065
United States Energy Research and Development Administration EY-76-S-05-4162	Traineeship program for graduate students in nuclear engineering	14 000
United States Navy N00014-75-C-0982	Low-cost stochastic computer circuits and components	53 000
University of California 5457105	Investigate certain laser fusion targets	109 000
Washington University PI-29	Provide PLATO IV terminals and services	5 610
<i>Total</i>		\$1 094 616

Contract Work Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid by the University</i>
Barber and DeAtley, Inc.	Cost-plus contract — roofing work: Restoration of food service, lounge areas, and passageways of the Illinois Street Residence Halls	\$ 24 500
	Restoration of north cooling tower above the food services area in the Florida Avenue Residence Halls	21 000
<i>Total</i>		\$ 45 500

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to Be Paid by the University</i>
Northern Illinois University (subcontract under a grant from the State of Illinois Institute for Environmental Quality 20.083)	Stream and lake classification system	\$ 19 646
University of Kentucky (subcontract under a grant from the United States Department of Health, Education, and Welfare FDA74-178)	Detect drug residues in tissue of food-producing animals	22 000
<i>Total</i>		\$ 41 646

Summary

Amount to be paid to the University:		
Chicago Circle.....	\$	93 947
Medical Center.....		5 233
Urbana-Champaign.....		2 004 689
<i>Total</i>	\$	2 103 869

Amount to be paid by the University:		
Medical Center.....	\$	26 004
Urbana-Champaign.....		87 146
<i>Total</i>	\$	113 150

This report was received for record.

Report of Investment Transactions through September 30, 1977

(31) The comptroller presented the investment report as of September 30, 1977.

Changes in Endowment Pool Investments
(Under Finance Committee Guidelines)

<i>Date</i>	<i>Face Value or Number of Shares</i>	<i>Description</i>	<i>Cost or Yield (Percent)</i>	<i>Amount</i>
Purchases:				
9/16	\$ 185 000	Associates demand notes.....	6.32%	\$ 185 000 00
9/29	47 000	Associates demand notes.....	6.32	47 000 00
9/29	18 000	International Harvester demand notes...	6.32	18 000 00

Changes in Other 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:				
8/24	\$ 8 000	Associates demand notes.....	\$ 8 000 00	\$ 8 000 00
9/1	1 200 000	First National Bank of Chicago 5 percent open-end time deposit	1 200 000 00	1 200 000 00
9/2	5 shares	Wisconsin Power & Light com- mon stock.....	104 37	101 68
9/8	\$2 000 000	First National Bank of Chicago 5 percent open-end time deposit	2 000 000 00	2 000 000 00
9/16	1 018 619	First National Bank of Chicago 5 percent open-end time deposit	1 018 618 55	1 018 618 55
9/21	10 000	U.S. Treasury bills due 4/4/78	9 521 94	9 707 50
9/28	750 000	First National Bank of Chicago 5 percent open-end time deposit	750 000 00	750 000 00
Purchases:				
8/22	\$ 5 347	First National Bank of Chicago 5 percent open-end time deposit.....	5.00%	\$ 5 346 61
8/31	475 000	U.S. Treasury bills due 9/22/77.....	5.27	473 476 04
8/31	15 000	U.S. Treasury bills due 7/25/78.....	6.01	14 221 00
8/31	185 000	U.S. Treasury 5½ percent notes due 2/28/79.....	6.38	183 670 31
8/31	45 000	U.S. Treasury 6 percent notes due 3/31/79	6.24	44 800 00
9/1	20 000	U.S. Treasury 5½ percent notes due 2/28/79.....	6.35	19 865 00

<i>Date</i>	<i>Face Value or Number of Shares</i>	<i>Description</i>	<i>Cost or Yield (Percent)</i>	<i>Amount</i>
9/2	\$ 500 000	National Republic 5.90 percent certificate of deposit due 12/1/77.....	5.90%	\$ 500 000 00
9/2	115 000	U.S. Treasury bills due 9/29/77.....	5.00	114 570 25
9/2	75 000	U.S. Treasury bills due 3/7/78.....	6.00	72 746 25
9/2	200 000	U.S. Treasury bills due 8/22/78.....	6.33	188 278 67
9/2	470 000	U.S. Treasury 6½ percent notes due 8/31/78.....	6.33	471 321 88
9/6	1 000 000	Champaign National 6.26 percent certificate of deposit due 10/28/77.....	6.26	1 000 000 00
9/6	100 000	Sangamon Bank 6.175 percent certificate of deposit due 11/7/77.....	6.18	100 000 00
9/9	2 000 000	First National Bank of Chicago 6 percent certificate of deposit due 11/18/77.....	6.00	2 000 000 00
9/9	400 000	McLean County Bank 6¾ percent certificate of deposit due 12/8/77.....	6.75	400 000 00
9/13	500 000	Continental Bank 6.05 percent time deposit due 10/28/77.....	6.05	500 000 00
9/13	2 000 000	First National Bank of Chicago 6.15 percent certificate of deposit due 12/19/77....	6.15	2 000 000 00
9/15	1 200 000	Continental Bank 6.05 percent time deposit due 11/3/77.....	6.05	1 200 000 00
9/16	1 000 000	Central National Bank of Cleveland 5¾ percent certificate of deposit dated 5/16/77 due 11/15/77.....	6.25	998 972 72
9/20	1 000 000	Busey First National Bank 6.20 percent certificate of deposit due 1/3/78.....	6.20	1 000 000 00
9/20	3 835	First National Bank of Chicago 5 percent open-end time deposit.....	5.00	3 834 77
9/21	1 000 000	Continental Bank 6.45 percent time deposit due 3/20/78.....	6.45	1 000 000 00
9/21	1 550 000	First National Bank of Chicago 6½ percent certificate of deposit due 3/20/78....	6.50	1 550 000 00
9/21	25 750	First National Bank of Chicago 5 percent open-end time deposit.....	5.00	25 750 00
9/22	660 000	U.S. Treasury bills due 3/23/78.....	6.15	640 090 20
9/30	10 000	U.S. Treasury 6¾ percent bonds due 8/15/84.....	7.10	9 596 25

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

COMMUNICATION

The following resolution from the Medical Center Senate was presented to the board for information.

The most serious deficiency at the University of Illinois is the decline in real academic compensation. This is in view of the decline of the University of Illinois to ninth out of ten in the Big Ten, and its decline in relation to business and most government, with the effects of this on attrition and morale. The continuing decline in real terms of academic expenditure per academic employee and in real expenditure per student since 1971 at the University of Illinois seriously

threatens the maintenance of the quality of the educational programs in the premier institution of this state.

The board does not have before it an option that would correct the accumulated loss of real purchasing power to restore the University's financial position among its peer institutions. Therefore, of the alternatives presented to the board, the Medical Center Senate cannot support any option for a FY 1979 request that provides for less than a 10 percent increase in salaries, together with \$8.2 million programmatic and deficiency moneys, totalling approximately \$38 million. This does not speak to the urgent question of adequate funding of the State Universities Retirement System, which is a matter that requires the state's full attention, but which we believe should be pursued separately from the operating budget request. The senate respectfully requests the University to take the lead in seeking at least a 1 percent increase in the percent of the state budget appropriated to higher education in Illinois (from the present 12.92 percent to 13.92 percent, compared to the average 17 percent for the past ten years), providing an amount that covers this request.

Under no circumstances would the senate support a request that provides for less than a 10 percent salary increase to begin to arrest the decline in real academic compensation and the inevitable effects of this on the quality of instruction, research, and public service.

A similar communication had been presented to the trustees at the September meeting by the Urbana-Champaign Senate.

SECRETARY'S REPORT

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

ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

President Howard called attention to the schedule of regular meetings for the rest of the calendar year: November 18 (Friday), Chicago Circle; December 14, Medical Center.

CALENDAR FOR 1978

January 18 — Urbana-Champaign
February 15 — Chicago Circle
March 15 — Urbana-Champaign
April 12 — Medical Center
May 17 — Chicago Circle
June 21 — Urbana-Champaign
July 19 — Medical Center
September 20 — Chicago Circle
October 20 (Friday) — Allerton House, Monticello
November 17 (Friday) — Medical Center
December 13 — Chicago Circle

There being no further business, the board adjourned.

EARL W. PORTER
Secretary

GEORGE W. HOWARD III
President

LUNCHEON GUESTS

President Howard announced that a number of faculty guests had been invited to attend the luncheon, as well as members of a seminar on higher education from the Department of Administration, Higher, and Continuing Education, with the professors in charge of the seminar.