

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

November 11-12, 1987



The November meeting of the Board of Trustees of the University of Illinois was held Wednesday and Thursday, November 11-12, 1987, with the Wednesday session being held in Room 1135, University of Illinois Hospital, Chicago, Illinois, beginning at 12:00 noon.

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: Mrs. Judith Ann Calder, Mr. William D. Forsyth, Jr., Mrs. Susan L. Gravenhorst, Mr. Ralph C. Hahn, Mr. Howard, Mr. Albert N. Logan, Mrs. Nina T. Shepherd, Miss Ann E. Smith, Mr. Charles P. Wolff. Governor James R. Thompson was absent. Mr. James L. Evenson, non-voting student trustee from the Chicago campus, was present. Mr. Robert Scott Wylie, nonvoting student trustee from the Urbana-Champaign campus, was absent. (Mr. Wylie attended the meetings on November 12).

Also present were President Stanley O. Ikenberry; Dr. Robert W. Resek, acting vice president for academic affairs; Dr. Donald N. Langenberg, chancellor, University of Illinois at Chicago; Dr. Morton W. Weir, interim chancellor, University of Illinois at Urbana-Champaign; and the officers of the board, Dr. Craig S. Bazzani, comptroller (and vice president for business and finance); Mr. Byron H. Higgins, university counsel; and Dr. Earl W. Porter, secretary. (Mr. Bernard T. Wall, treasurer, attended the meetings on November 12.)

EXECUTIVE SESSION I

President Howard, referring to Section Two of the Open Meetings Act, stated: "A motion is now in order to hold an executive session to consider information regarding the appointment, employment, or dismissal of employees or officers, to discuss pending, probable, or imminent litigation, the acquisition of real property, and to discuss campus security."

The motion was made by Mr. Forsyth and approved unanimously.

Review, Report to the President: Improving Public Affairs Coordination at the University

At the request of President Ikenberry, the author of the report, David W. Olien, executive assistant to the president, reviewed its major recommendations and background. The report is presented now, after a period of review and discussion with the general officers and public affairs officers at the University, and a final review by the president.

The trustees had received copies of the document in advance of the meeting. (A copy is filed with the secretary for record.)

Briefly, the report recommends: that the authority and responsibility of the university director of public affairs be clarified and strengthened; that a public affairs group, chaired by the director, develop and continually update a strategic public relations plan for the University; that the responsibility of the University Development Committee be broadened — and its name changed to the President's Committee on External Affairs — and that the committee provide general oversight of public affairs; that centrally held funds be made available to the university director for grants for special initiatives in public affairs; and, finally, through the usual budgeting and planning process that additional resources be made available for public affairs at the Chicago campus.

The trustees endorsed the report's major directions, with particular enthusiasm for arrangements for long-range planning. There were questions as to the clarity of the distinctions that must be made between public affairs problems that are campus-related and those that are clearly university in character.

The president responded that it will be the responsibility of the chancellors and the university director to make the new arrangements successful and to monitor the imperfections, if there are any.

There being no further business, the executive session adjourned at 12:55 p.m. for committee meetings.

[For the remainder of the day on November 11, the board met in the following committees: (1) the University Hospital Committee at which time status reports on the financial operations of the hospital were presented; discussion held on an agenda item for a contract with the Hospital Corporation of America Management Company; and finally, discussion of a draft proposal by Dean Forman to some members of the Cook County Board on November 3.

In the latter instance, there was extended discussion of the fact that

only a few trustees attended the meeting (with administrators) prior to the board's formal consideration of the proposal and discussion of the elements of the proposal itself. It was noted that the meeting was held at the initiative of the Cook County Board; and that the elements of the draft proposal were compatible with an analysis presented by President Ikenberry to the board last spring. In any event, no commitments have been made and more information on this matter and more detailed background will be provided at subsequent meetings. The board will be fully involved prior to any University commitment.

(2) A meeting of the Committee on Academic Affairs, at which time a presentation on the University's continuing education and public service programs was made; and (3) the quarterly meeting of the Finance and Audit Committee.]

BOARD MEETING, THURSDAY, NOVEMBER 12, 1987

The board reconvened in Room C, Illini Union, Chicago campus, on Thursday, November 12, 1987, beginning at 8:00 a.m. The members of the board (including Student Trustee Wylie), officers of the board, and officers of the University as recorded at the beginning of these minutes were present.

EXECUTIVE SESSION II

President Howard, referring to Section Two of the Open Meetings Act, stated: "A motion is now in order to hold an executive session to consider information regarding the appointment, employment, or dismissal of employees or officers, to discuss pending, probable, or imminent litigation, the acquisition of real property, and to discuss campus security."

The motion was made by Mr. Forsyth and approved unanimously.

Real Estate Acquisition, 108 North Goodwin Avenue, Urbana

(1) On May 8, 1986, the board approved the acquisition of properties within the approved boundary of the north campus if such properties could be acquired within appraisals received by the University. The owner of the property at 108 North Goodwin Avenue has recently indicated that she is willing to sell her property at a price of \$58,000, which is \$1,000 higher than the appraisal provided by Steve Whitsitt of Urbana who was jointly employed by the owner and the University in October 1987. Because the owner has other appraisals of \$70,000 and \$69,000, she has been reluctant to sell at the level established by the Whitsitt appraisal.

The University believes that the property could be acquired through condemnation; however, the cost of such legal action is likely to exceed the \$1,000 difference between the asking price and the common appraisal. We therefore recommend that the board authorize acquisition of this property at a price of \$58,000.

On motion of Mr. Forsyth, this recommendation was approved by the following vote: Aye, Mrs. Calder, Mr. Forsyth, Mrs. Gravenhorst, Mr. Hahn, Mr. Howard, Mr. Logan, Mrs. Shepherd, Miss Smith, Mr. Wolff; no, none; absent, Governor Thompson.

(The student advisory vote was: Aye, Mr. Evenson, Mr. Wylie; no, none.)

Parking Facility, Chicago (See agenda item no. 11)

Vice President Bazzani provided background information with regard to the additional funds available now for this structure, viz.: funds originally escrowed for the housing project now are available for the expansion of the original basic plan for the parking structure, i.e., a facility to provide for 400-500 automobiles. The funds now can be released.

University Proposal, Cook County Hospital

There was continued discussion along the lines of that of the previous day concerning the draft proposal to Cook County Hospital, its substance, and the procedure followed. It was again made clear that the meeting of November 3 was at the initiative of the leadership of the Cook County Board; that the proposal was in draft form only, and that no commitments were made or have been made by either party. The trustees will receive more information on this matter as time goes by and all members of the board will be involved in any policy discussion or decision.

There being no further business, the executive session adjourned at 8:55 a.m. Following the executive session, the following committees of the board met: Buildings and Grounds and Affirmative Action/Equal Opportunity. The board reconvened in regular session at 10:45 a.m.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

Introductions

President Ikenberry recognized and introduced observers from the campus senates and from the University Senates Conference.¹ The president also introduced Nina Klarich, president, Chicago Technology Park.

President Ikenberry reported briefly on the conclusion of the fall session of the General Assembly. He noted that no action had been taken with regard to the enhancement of State revenue and that no State-appropriated additional monies were made available for higher education, including funds to the Illinois State Scholarship Commission. In short, the situation is as before the session. The mid-year tuition increases will go forward; there will be no increases in salaries; and the University will continue the year with a reduced budget, necessitated by reductions that have been made at the direction of the governor.

He said that it was his intention to bring additional information to the board for review in January, looking toward some short- and long-range resolution of the financial difficulties of the University.

OLD AND NEW BUSINESS

Mrs. Shepherd announced that the steering committee to plan the Big Ten Trustees meeting in June at Urbana will meet at O'Hare Airport on

¹ University Senates Conference: Pierson J. Van Alten, professor of anatomy, Chicago campus; Urbana-Champaign Senate Council: Richard P. Jerrard, professor of mathematics; Chicago campus Senate: Stanley K. Shapiro, professor of biological sciences.

December 8. She invited all trustees to join her and Trustee Gravenhorst at the discussions.

REGULAR AGENDA

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

By consensus, the board agreed that one vote would be taken and considered the vote on each agenda item nos. 2 through 9 inclusive. The recommendations were individually discussed but acted upon at one time. (The record of board action appears at the end of each item.)

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 Public Accounting Act of 1983 to five candidates who have presented evidence that they are holders of valid and unrevoked certified public accountant certificates obtained by passing the uniform 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 in this recommendation.

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

Head, Department of Aeronautical and Astronautical Engineering, Urbana

(3) The interim chancellor at the Urbana campus, after consultation with the dean of the College of Engineering, has recommended the appointment of Wayne C. Solomon, presently director of advanced system technology, Bell Aerospace Textron, as professor of aeronautical and astronautical engineering on indefinite tenure and head of the department, beginning January 6, 1988, on an academic year service basis at an annual salary of \$80,500.

He will succeed Professor Shee M. Yen who has been serving as acting head.

The nomination is made on the recommendation of a search committee¹ and after consultation with members of the faculty of the department. The acting vice president for academic affairs concurs.

I recommend approval.

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

Appointments to the Faculty

(4) 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.

¹ Alva L. Addy, professor of mechanical and industrial engineering and head of the department, chair; M. Tamer Basar, professor of electrical and computer engineering and research professor in the Coordinated Science Laboratory; Bruce A. Conway, associate professor of aeronautical and astronautical engineering; Peter A. Deddish, senior research specialist in health sciences, in anesthesiology, College of Medicine at Chicago; Herman Krier, professor of mechanical engineering; Allen I. Ormsbee, professor of aeronautical and astronautical engineering and in the Institute of Aviation, acting associate director, Willard Airport Commercial Operations; Lee H. Sentman III, professor of aeronautical and astronautical engineering.

- 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).

Urbana-Champaign

- DOUGLAS L. JONES, assistant professor of electrical and computer engineering, and in the Coordinated Science Laboratory, beginning August 21, 1987 (N), at an annual salary of \$41,000 (on leave of absence without pay academic year 1987-1988).
- GEORGE E. KARNIADAKIS, assistant professor of mechanical and industrial engineering, beginning August 21, 1987 (N), at an annual salary of \$41,000 (on leave of absence without pay academic year 1987-1988).
- SHELDON LANDSBERGER, assistant professor of nuclear engineering, beginning August 21, 1987 (1), at an annual salary of \$40,500.
- DALE A. LAW, assistant professor of agricultural education in agricultural communications and extension education, beginning October 21, 1987 (N), at an annual salary of \$33,000.
- CONSTANTINE POLYCHRONOPOULOS, assistant professor of electrical and computer engineering (1-0) and senior software engineer (N-100), beginning August 21, 1987, at an annual salary of \$44,180.
- HUGH M. ROBERTSON, assistant professor of entomology, beginning October 1, 1987 (1), at an annual salary of \$31,500.
- DAVID C. WILKINS, assistant professor of computer science, beginning August 21, 1987 (N), at an annual salary of \$42,500 (on leave of absence without pay first semester 1987-1988).
- PEN-CHUNG YEW, assistant professor of electrical and computer engineering (1-0) and senior computer systems engineer (N-100), beginning August 21, 1987, at an annual salary of \$52,475.
- HOSSAM A. ZAKI, assistant professor of industrial engineering, beginning August 21, 1987 (1), at an annual salary of \$38,000.

Chicago

- MARY BETH V. BEWERSDORF, assistant professor of anesthesiology, on 60 percent time, and physician surgeon, on 40 percent time, College of Medicine at Chicago, beginning October 1, 1987 (1Y60;NY40), at an annual salary of \$110,000.
- JOHN BOTSIS, assistant professor of mechanics and materials in civil engineering, beginning September 1, 1987 (1), at an annual salary of \$38,000.
- DIANE J. BURGESS, assistant professor of pharmaceuticals, College of Pharmacy, beginning September 1, 1987 (1Y), at an annual salary of \$37,000.
- JANET H. DAVIS, assistant professor of public health nursing, beginning October 1, 1987 (1Y), at an annual salary of \$33,527.
- BRIAN R. FLAY, associate professor of community health sciences, School of Public Health, and departmental affiliate in psychology, College of Liberal Arts and

Sciences, for two years beginning October 1, 1987 (QY;N), at an annual salary of \$75,000.

ERIK HARS, assistant professor of oral medicine and diagnostic sciences and assistant to the dean, College of Dentistry, beginning October 1, 1987 (1Y;NY), at an annual salary of \$46,510.

KEVIN C. KOPP, assistant professor of fixed partial prosthodontics, College of Dentistry, beginning September 1, 1987 (1Y), at an annual salary of \$30,750.

PAUL J. QUIRK, associate professor of political science, on 50 percent time, and in the Institute of Government and Public Affairs, on 50 percent time, for one year beginning September 1, 1987 (Q), at an annual salary of \$33,000.

WASIMA N. RIDA, assistant professor in the School of Public Health, beginning September 1, 1987 (1Y), at an annual salary of \$31,500.

SERGIO RUBINSTEIN, assistant professor of fixed partial prosthodontics, College of Dentistry, beginning September 1, 1987 (1Y), at an annual salary of \$34,250.

NANCY J. SCHUELER, assistant professor of oral medicine and diagnostic sciences, College of Dentistry, beginning October 1, 1987 (1Y), at an annual salary of \$25,000.

REED G. WILLIAMS, professor of health professions education, Center for Educational Development, beginning October 1, 1987 (AY), at an annual salary of \$75,000.

Administrative Staff

CHARLES L. STANISLAO, director of financial administration, University of Illinois Hospital, Chicago, beginning September 28, 1987 (NY), at an annual salary of \$60,000.

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

Appointments to the Faculty (Supplemental)

Urbana-Champaign

- (5) DAVID A. PADUA-HAJEK, assistant professor of computer science (1-0) and senior software engineer, Center for Supercomputing Research and Development (N-100), academic year 1987-1988, \$55,015.

On motion of Mr. Logan, this appointment was confirmed.

Master of Arts Degree in Religious Studies, Urbana

- (6) The Urbana-Champaign Senate has recommended the establishment of a Master of Arts degree in Religious Studies.

Candidates for the degree will specialize in one of three areas: religious thought, Biblical studies, and Asian religions. Each plan of study will involve the interdisciplinary study of religion, while providing an opportunity to focus attention on an area of specialization. Students must complete 8 units of course work and two major papers for graduation. Candidates for admission to the program must meet the requirements for admission to the Graduate College.

An undergraduate program in religious studies was established approximately seventeen years ago.

The new program is designed primarily to serve graduate students seeking to become college and university teachers. However, others such as religious professionals seeking to work at a major nonsectarian research university, graduate students preparing to enter seminaries, and students preparing for secondary teaching certificates will also benefit from the program.

No other public institution in the State of Illinois provides such a degree, although other major public and private research universities throughout the nation offer M.A.s in Religious Studies. For example, four other universities in the Big

Ten, Northwestern, Indiana University, the University of Iowa, and the University of Minnesota, already offer an M.A. in Religious Studies.

No additional funds will be required to implement the M.A. in Religious Studies. Additional teaching requirements will be treated as part of the faculty's teaching load. Library holdings are sufficient to implement the program and will continue to be sufficient if the current rate of acquisitions is maintained.

The interim chancellor at Urbana and the acting vice president for academic affairs concur in the senate's recommendation. The University Senates Conference has indicated that no further senate jurisdiction is involved.

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

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

Designation, William L. Everitt Laboratory of Electrical and Computer Engineering, Urbana

(7) The Department of Electrical and Computer Engineering at the Urbana campus has recommended that the Electrical Engineering Building be renamed the William L. Everitt Laboratory of Electrical and Computer Engineering, in honor of Dean Everitt, who retired in 1968 and died on September 6, 1986.

Serving as professor and head of the Department of Electrical Engineering from 1944 to 1949 and as dean of the College of Engineering from 1949 to 1968, Dean Everitt was recognized for his leadership as a technical innovator and as an engineering educator with a strong commitment to excellence in undergraduate education. His classic textbook, *Communications Engineering*, was seminal in the establishment of electrical communications as a recognized academic discipline; and his research and inventions were central to the development of electronic and radio technology during the 1930s and 1940s.

During his career, Dean Everitt was elected to head each of the national and international professional societies pertinent to his discipline. He was a founding member of the National Academy of Engineering, received the highest medals and honors of a number of professional societies, served as senior advisor to many government agencies and to the National Academies of Science and Engineering, and was editor of a major series of electrical engineering textbooks which influenced several generations of electrical engineers. He was the recipient of ten honorary doctorates, including a D.Sc. granted in 1969 by the University of Illinois.

The dean of the College of Engineering and the interim chancellor at the Urbana campus concur in the recommendation as does the acting vice president for academic affairs.

I recommend approval.

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

Agreement with Air Kentucky Airlines, Willard Airport

(8) Air Kentucky Airlines, Inc. (doing business as Allegheny Commuter of Indianapolis, Indiana), wishes to initiate service between Willard Airport and Indianapolis International Airport, effective December 1, 1987. Allegheny will pay the University its established landing fee of \$.49 per 1,000 pounds gross landing weight. The agreement is for the period December 1, 1987, through June 30, 1988. Negotiations are currently in progress to provide the carrier space in the Airport Terminal Building through a separate agreement with Piedmont Airlines.

The interim chancellor at the Urbana campus and the vice president for business and finance have recommended that the agreement described be executed; and subject to adjustments in rates and revision in space assigned, that the vice president for business and finance be authorized to approve amendments to the agreements.

I concur.

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

**Establishment of Quasi-Endowment
(Frank C. Mock Estate)**

(9) Frank C. Mock, a resident of North Plainfield, New Jersey, died on September 26, 1983, leaving a will naming the University of Illinois as beneficiary.¹ The distribution to the University is estimated to be \$366,000. The purpose of the bequest designated by the donor is to provide scholarships for needy students in the Department of Electrical Engineering at the Urbana campus.

The head of the department has proposed the establishment of a quasi-endowment with all funds received from the Mock estate. The income would be used to grant scholarships and fellowships in memory of Frank C. Mock to needy students in electrical and computer engineering.

The interim chancellor at Urbana, the vice president for business and finance, and the acting vice president for academic affairs have recommended the establishment of the quasi-endowment for the purpose described.

I concur.

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

By consensus, the board agreed that one roll call vote would be taken and considered the vote on each agenda item nos. 10 through 18 inclusive. The recommendations were individually discussed but acted upon at one time.

(The record of board action appears at the end of each item.)

**Contract for Management Services with Hospital Corporation of
America Management Company, Inc.
(Eye and Ear Infirmary), Chicago**

(10) The chancellor at the Chicago campus has recommended award of a contract to the Hospital Corporation of America Management Company, Inc. (HMC), a Delaware corporation, to provide consultation, supervision, and certain key personnel in the operation of the University Eye and Ear Infirmary.

The infirmary was founded in 1858 as a nonprofit clinic, was operated as a free-standing State facility for three-quarters of a century, was jointly operated by the Illinois Department of Children and Family Services and the College of Medicine for 25 years, and since 1973 has been administered as a part of the University of Illinois Hospital and Clinics. In the last few years, changes in technology and in reimbursement have required new management skills, improved use of resources, and new billing and collecting processes. HMC is successfully providing these services at similar facilities at other universities.

Contracting for management services for the infirmary (but not the entire University of Illinois Hospital) will provide an opportunity for the hospital director and campus administration to evaluate the effectiveness and efficiency of such an arrangement and its possible applicability to other areas of the hospital and clinics. At the same time, the management services provided by HMC will strengthen the operation and competitive positions of two of the strongest departments, Ophthalmology and Otolaryngology.²

¹ Mr. Mock attended the University in 1926 and 1927.

² The clinical activity of these two departments accounts for a significant volume of the total hospital and clinics, particularly in out-patient visits (26 percent of the total); and surgical operations (23 percent).

Under the contract, HMC will provide day-to-day management of the operations for the Eye and Ear Infirmary. The University will retain authority and control over the business, policies, operations, and assets of the infirmary. HMC will provide the University with the services of a hospital administrator and a controller to operate the infirmary. They will report directly to the university hospital director. All other personnel at the infirmary will remain employees of the University and will be subject to University personnel policies. All medical and professional matters shall be the responsibility of the University of Illinois Hospital medical staff.

In accord with University policy and in keeping with an annual operating budget approved by the University, HMC will recommend the use of specific University funds designated for the infirmary for the purchase or lease of supplies, goods, and services reasonably necessary to the operation of the infirmary. In addition, to the extent permitted by the Illinois Purchasing Act, HMC will offer access to volume purchasing agreements in which HMC, from time to time, may participate.

The contract will begin December 1, 1987, for a term of three years and may be terminated at the end of the second year with 90 days' notice by either party. It is for \$549,000 for the three-year term or \$183,000 a year plus the salaries and benefits of the HMC administrator and controller which will not exceed \$647,700 for the three-year term.

Funds are available from the operating budget of the hospital for Fiscal Year 1988 and are anticipated from the same sources in subsequent years. The contract is subject to the availability of funds each year.

The vice president for business and finance has recommended approval.
I concur.

On motion of Mrs. Gravenhorst, this recommendation was approved by the following vote: Aye, Mrs. Calder, Mr. Forsyth, Mrs. Gravenhorst, Mr. Hahn, Mr. Howard, Mr. Logan, Mrs. Shepherd, Miss Smith, Mr. Wolff; no, none; absent, Governor Thompson.

(The student advisory vote was: Aye, Mr. Evenson; no, none. Mr. Wylie asked to be recorded as not casting an advisory vote.)

Contracts, Parking Facility, Chicago

(11) The president of the University, with the concurrence of the appropriate administrative officers, recommends award of contracts for construction of a parking facility near the corner of West Taylor and Wood Streets at the Chicago campus. The award in each case is to the lowest base bidder plus acceptance of the indicated alternates.¹

On July 9, 1987, the board authorized the comptroller to award construction contracts for this project, provided that the total of bids received did not exceed \$3,100,000 and subject to receipt of title to the vacated West Grenshaw Street. Since the vacation and conveyance has been delayed, the bid date was extended and the comptroller has not awarded contracts.

The contracts are:

Division I — General

PCL Construction Services, Inc.,

Wood Dale	Base Bid ...	\$3 210 000
	Alt. G-1 ...	17 020
	Alt. G-2 ...	412 000
	Alt. G-6 ...	(75 000)
	Alt. G-8 ...	10 000

\$3 574 020

¹ A schedule of the alternates has been filed with the secretary of the board for record.

Division II — Plumbing

Chas. F. Bruckner & Sons, Inc., Chicago	Base Bid ... \$	115 990	
	Alt. P-2 ...	3 000	
			\$ 118 990

Division III — Electrical

Berwyn Electric Co., Chicago	Base Bid ... \$	238 000	
	Alt. E-2 ...	21 750	
	Alt. E-6 ...	(525)	
			259 225
<i>Total</i>			\$3 952 235

It is further recommended that all contracts, other than the contract for general work, be assigned to the contractor for general work.

The project consists of the construction of a reinforced concrete structure of five floors above grade with a partial floor below grade. Initially, the structure will accommodate 500 cars with expansion capability for an additional 900 cars. The ultimate capacity will total 1,800 cars in a four-bay, ramped structure of nine floors above grade.

It is also recommended that the firm of Desman Parking Associates, Chicago, be employed through the construction phase at a fixed fee of \$35,000 for administration and for on-site observation on an hourly basis not to exceed \$36,000, plus reimbursables authorized by the University, an amount estimated to be \$40,000.

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

This project will be financed from the proceeds of the Series 1985 and 1986 Auxiliary Facilities Revenue Bond issues and from the Restricted Funds Operating budget of the Parking Division.

On motion of Mrs. Gravenhorst, these recommendations were approved by the following vote: Aye, Mrs. Calder, Mr. Forsyth, Mrs. Gravenhorst, Mr. Hahn, Mr. Howard, Mr. Logan, Mrs. Shepherd, Miss Smith, Mr. Wolff; no, none; absent, Governor Thompson.

(The student advisory vote was: Aye, Mr. Evenson, Mr. Wylie; no, none.)

Expansion of Nuclear Physics Laboratory, Urbana

(12) The Department of Physics of the College of Engineering at the Urbana-Champaign campus has been notified by the National Science Foundation that its proposal for a \$21 million, 450 MeV Microtron Accelerator has been approved by the National Science Foundation Board. A determination concerning the availability of funds may be made in January or February 1988. In accord with the terms of the proposal, the project is to be operational within a three-year period and will require that the University provide facilities to house the accelerator and provide expanded service space. To meet this time schedule, it will be necessary for the University to employ an architect/engineer to undertake the planning of the facilities as soon as possible.

The proposed project, whose construction cost is estimated at \$16.8 million, will include the construction of an accelerator facility with a beam transport tunnel, the remodeling, and addition to the existing facilities at the Nuclear Physics Laboratory. The 30,400 gross square feet accelerator facility will have specific requirements for cooling the accelerator, electrical supply, shielding, structural design, and utilities extensions. The remodeling and addition involves the con-

struction of a third floor over the existing structure, which will be remodeled, and a two- and three-story addition to the southeast wing of the existing building. The additions will provide approximately 10,500 net assignable square feet of new space, and the remodeling will involve approximately 14,800 net assignable square feet. In accord with standard University procedures, preliminary steps in selection of an architectural/engineering firm to provide the professional services required for the project through the program analysis and schematic design phases have begun. An interview committee will review qualifications of firms with previous experience in such research projects, and the selection process should be completed by December 1, 1987. It is estimated that the total architect/engineer's fee through completion of construction will be approximately \$1.2 million. However, at this time it is recommended that the comptroller be authorized to enter into an agreement for professional services for this project in an amount not to exceed \$200,000 for professional services and reimbursements in connection with the program analysis and schematic design phases. The architect/engineer will be authorized to proceed with the remainder of the necessary professional services only after the grant has been approved by the National Science Foundation and the additional professional services contract has been authorized by the Board of Trustees.

A report of the firms interviewed and firm employed will be presented to the trustees at the January 1988 meeting. Funds for the initial \$200,000 professional services agreement are available from the institutional funds budget of the College of Engineering. It is anticipated that these funds, and any subsequent funds required for professional services and reimbursements, will be recovered when bonds are sold to finance the construction.

The agreement with the National Science Foundation will require that the University initially provide funds for the project. However, legislative and gubernatorial authorization has been granted to the Board of Trustees to issue revenue bonds for this project, permitting for the first time the use of Federal funds associated with this project (and Federal overhead funds returned to the University on other sponsored programs) to make payments on the bonds. The bond issue will approximate \$18.5 million in principal amount to cover construction costs, architectural and engineering fees, land acquisition, capitalized interest, and costs of issuance. Additional bonds may be issued to provide for a debt service reserve and other reserves mandated by the conditions of sale. The bond sale would occur prior to the award of construction contract(s), currently expected in midyear 1988. In order to prepare for the sale of such bonds it is recommended that:

1. The board approve, in concept, its intention to sell revenue bonds for this project, the proceeds of which would be used for the purposes identified.
2. The firm of John Nuveen & Co. Incorporated, Chicago, be employed as financial advisor.
3. The firm of Chapman and Cutler, Chicago, be employed as bond counsel.
4. The comptroller and secretary be authorized to take such steps as are necessary to prepare and distribute a Preliminary Official Statement, a Bond Resolution, and other financial documents that may be required to prepare for the issuance of said bonds.
5. The board declare its intent that this approval constitutes preliminary official action toward the issuance of said bonds.

The interim chancellor at Urbana and the vice president for business and finance have recommended approval.

I concur.

On motion of Mrs. Gravenhorst, these recommendations were approved by the following vote: Aye, Mr. Forsyth, Mrs. Gravenhorst, Mr.

Hahn, Mr. Howard, Mr. Logan, Mrs. Shepherd, Miss Smith, Mr. Wolff; no, none; absent, Governor Thompson. (Mrs. Calder asked to be recorded as not voting.)

(The student advisory vote was: Aye, none; no, Mr. Wylie. Mr. Evenson asked to be recorded as not casting an advisory vote.)

**Microelectronics Center, Urbana
(Contract with Capital Development Board)**

(13) The 83rd and 84th General Assemblies appropriated a total of \$13.7 million for the Microelectronics Center at the Urbana campus. In May 1987, bids were received by the Capital Development Board and contracts were awarded. The funds available to finance the construction, however, were not sufficient to permit the award of certain alternate bid items that the College of Engineering considered important for the project, i.e., upgrading the cleanliness standard of the process labs and the crystal growth labs and completion of the third floor of Building B.

The College of Engineering now has identified sufficient funds to enable the upgrading of the laboratories to the level desired. (Sources of funds to complete the third floor are under review.)

Accordingly, the president of the University, with the concurrence of the appropriate administrative officers, recommends that the University contract with the Capital Development Board to provide up to \$500,000 for the project.

Funds are available from the Fiscal Year 1988 institutional funds budget of the College of Engineering.

On motion of Mrs. Gravenhorst, this recommendation was approved by the following vote: Aye, Mrs. Calder, Mr. Forsyth, Mrs. Gravenhorst, Mr. Hahn, Mr. Howard, Mr. Logan, Mrs. Shepherd, Miss Smith, Mr. Wolff; no, none; absent, Governor Thompson.

(The student advisory vote was: Aye, Mr. Evenson, Mr. Wylie; no, none.)

Increase in Contract, Busey-Evans Remodeling and Addition, Urbana

(14) On October 9, 1986, the Board of Trustees authorized the award of a contract for \$4,615,432 to J. P. Cullen & Sons, Inc., Janesville, Wisconsin, for the general work for the Busey-Evans Residence Halls remodeling and addition project, Urbana.

When the project was bid, an alternate was taken to install carpet in the student rooms in lieu of composition tile. The alternate of \$88,500 was not accepted. Subsequently, 5,210 yards of carpet compatible with the student room colors and corridor carpets in both Busey and Evans has been located. It can be purchased and installed at a cost of \$36,216.

Accordingly, the president of the University recommends that the contract with J. P. Cullen & Sons, Inc., be increased by \$36,216 for the work described.

Funds are available from the Auxiliary Facilities System Repair and Replacement Reserve Fund, the proceeds of the Series 1985 Auxiliary Facilities Revenue Bond issue, and the restricted funds operating budget of the Urbana campus Housing Division.

On motion of Mrs. Gravenhorst, this recommendation was approved by the following vote: Aye, Mrs. Calder, Mr. Forsyth, Mrs. Gravenhorst, Mr. Hahn, Mr. Howard, Mr. Logan, Mrs. Shepherd, Miss Smith, Mr. Wolff; no, none; absent, Governor Thompson.

(The student advisory vote was: Aye, Mr. Evenson, Mr. Wylie; no, none.)

Increase in Contract, Beckman Institute, Urbana

(15) On April 19, 1987, the Board of Trustees authorized the award of a contract for \$2,865,801 to Hatfield Electric Company, Rosemont, for the electrical work at the Beckman Institute at the Urbana campus.

The current lighting proposed for the atrium areas is at a level to enhance shows and/or exhibits. During the design for the project, it was suggested by the University that general illumination also be provided for exhibits, cleaning, and maintenance. The architect has now proposed a solution: the installation of thirty 400-watt recessed light fixtures. The cost is \$35,798.

Accordingly, the president of the University, with the concurrence of the appropriate administrative officers, recommends that the contract with Hatfield Electric Company, Rosemont, be increased by \$35,798 for the work described.

The additional funds are available within the construction contract contingency allocation.

Funds are being provided from private gift funds through the University of Illinois Foundation and from funds appropriated by the State of Illinois.

On motion of Mrs. Gravenhorst, this recommendation was approved by the following vote: Aye, Mrs. Calder, Mr. Forsyth, Mrs. Gravenhorst, Mr. Hahn, Mr. Howard, Mr. Logan, Mrs. Shepherd, Miss Smith, Mr. Wolff; no, none; absent, Governor Thompson.

(The student advisory vote was: Aye, Mr. Evenson, Mr. Wylie; no, none.)

Amendment to Construction Manager Contract, Beckman Institute, Urbana

(16) On January 16, 1986, the Board of Trustees authorized the comptroller to contract with Turner Construction Company as construction manager for the Beckman Institute. The contract was for professional services required in the program review, conceptual budgeting, and development of the schedule for the design and construction of the Beckman Institute (Phase I). Services were to be provided at a cost not to exceed \$100,000, plus reimbursables not to exceed \$30,000.

On April 10, 1986, the board authorized an amendment of the previous agreement to include professional services required during Phase II of the preconstruction phase on an hourly basis not to exceed \$500,000. However, a proposed increase of \$94,000 for reimbursables was omitted from the authorization. Subsequently, an agreement was entered into with Turner Construction Company which superseded the earlier contract. It provided for a maximum fee limitation of \$376,000 and reimbursables of \$94,000. The contract language did not reflect the intent of the parties and now must be reformed to reflect the intention, viz.: *to authorize fees up to \$476,000 and reimbursables not to exceed \$124,000.*

In addition, Turner Construction Company was asked to provide additional preconstruction services after December 19, 1986. The contract anticipated this possibility, because of the phased design and construction procedures used to meet the desired completion schedule. A provision allowed for additional compensation and reimbursables for this work. The cost of the additional services for the preconstruction phase are \$163,000 in fees and \$24,000 in reimbursables. It is requested that the board authorize an amendment to the contract with Turner Construction Company for this preconstruction work *to provide that the total fee for the entire preconstruction work not exceed \$639,000 plus reimbursables not to exceed \$148,000.*

Accordingly, the president of the University, with the concurrence of the appropriate administrative officers, recommends that the contract with Turner Construction be reformed and amended as described above.

Funds are provided from private gift funds to the University of Illinois Foundation and from funds appropriated by the State of Illinois.

On motion of Mrs. Gravenhorst, this recommendation was approved by the following vote: Aye, Mrs. Calder, Mr. Forsyth, Mrs. Gravenhorst, Mr. Hahn, Mr. Howard, Mr. Logan, Mrs. Shepherd, Miss Smith, Mr. Wolff; no, none; absent, Governor Thompson.

(The student advisory vote was: Aye, Mr. Evenson, Mr. Wylie; no, none.)

Employment of Engineers for Utility Systems Projects, (Capital Development Board), Urbana

(17) The 85th General Assembly appropriated \$3,779,000 to the Capital Development Board for utility infrastructure upgrades and the construction of underground chilled water lines for Fiscal Year 1988.

Accordingly, the president of the University, with the concurrence of the appropriate administrative officers, recommends that the Capital Development Board be requested to employ the following firms for the campus utility systems projects authorized for FY 1988 at Urbana:

<i>Project</i>	<i>FY 1988 Project Budget</i>	<i>Professional Firm Recommended</i>
South campus electrical distribution improvements, Phase II	\$1 737 000	Henneman, Raufeisen and Associates, Inc., Champaign
Modification to steam piping — Peabody Tunnel	1 192 000	Sargent and Lundy Engineers, Chicago
Utility pressure steam line, Harker Hall to Engineering Research Laboratory	400 000	Henneman, Raufeisen and Associates, Inc., Champaign
Chilled water interconnection between Library air-conditioning center and student/staff air-conditioning center	360 000	Buchanan, Bellows & Associates, Bloomington
Upgrade of sanitary sewer system serving southeast campus	90 000	Sodemann & Associates, Inc., Champaign

The professional fee for each firm employed will be negotiated by the Capital Development Board in accord with its procedures.

On motion of Mrs. Gravenhorst, this recommendation was approved by the following vote: Aye, Mrs. Calder, Mr. Forsyth, Mrs. Gravenhorst, Mr. Howard, Mr. Logan, Mrs. Shepherd, Miss Smith, Mr. Wolff; no, none; absent, Governor Thompson. (Mr. Hahn asked to be recorded as not voting.)

(The student advisory vote was: Aye, Mr. Evenson, Mr. Wylie; no, none.)

Purchases

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

The purchases were presented in two categories: purchases from appropriated funds (i.e., from State appropriations to the University); and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, 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 \$ 191 268 00

From Institutional Funds

Recommended 18 671 066 91

Grand Total \$18 862 334 91

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. A copy is being filed with the secretary of the board for record.

On motion of Mrs. Gravenhorst, the purchases recommended were authorized by the following vote: Aye, Mrs. Calder, Mr. Forsyth, Mrs. Gravenhorst, Mr. Hahn, Mr. Howard, Mr. Logan, Mrs. Shepherd, Miss Smith, Mr. Wolff; no, none; absent, Governor Thompson. (Mr. Logan asked to be recorded as not voting on purchase item no. 10.)

(The student advisory vote was: Aye, Mr. Evenson, Mr. Wylie; no, none.)

Comptroller's Monthly Report of Contracts Executed

(19) The comptroller submitted the November 1987 report of contracts. The report included contractual agreements for payments to the University and contracts in amounts up to \$50,000, to be paid by the University. A copy of this report is filed with secretary.

This report was received for record.

Comptroller's Report of Investment Transactions through October 15, 1987

(20) The comptroller presented the above report which includes transactions under Finance and Audit Committee guidelines and transactions under the comptroller's authority. A copy of this report is filed with the secretary of the board.

On motion of Mrs. Gravenhorst, this report was approved as presented.

Quarterly Report of the Comptroller

(21) The comptroller presented his quarterly report as of September 30, 1987. A copy has been filed with the secretary of the board.

This report was received for record.

Comptroller's Report of Gifts and Funds Received from Outside Sources

(22) The comptroller presented a report of gifts, grants, and contract funds (including funds from private donors and funds received from governmental agencies) received by the University during the Fiscal Year July 1, 1986, through June 30, 1987.

The complete report was sent to each member of the board in advance of the meeting. A copy is being filed with the secretary of the board.

A summary of the total amounts of funds received and sources follows.

Private Gifts, Grants, and Contracts:

Chicago	\$ 10 814 611
Urbana-Champaign	34 787 706
Central Administration	1 999 382
University of Illinois Foundation	53 726 883
<i>Total Private Gifts, Grants, and Contracts</i>	<i>\$101 328 582</i>

United States Government Grants and Contracts:

Chicago	\$ 51 834 911
Urbana-Champaign	130 760 936
Central Administration	802 713
<i>Total United States Government Grants and Contracts</i>	<i>\$183 398 560</i>

State of Illinois Grants and Contracts:

Chicago	\$ 8 512 025
Urbana-Champaign	18 664 074
Central Administration	1 237 689
<i>Total State of Illinois Grants and Contracts</i>	<i>\$ 28 413 788</i>

SUMMARY OF GIFTS, GRANTS, AND CONTRACTS BY LOCATION

Total Gifts, Grants, and Contracts:

Chicago	\$ 71 161 547
Urbana-Champaign	184 212 716
Central Administration	4 039 784
University of Illinois Foundation	53 726 883
<i>Total University and University of Illinois Foundation Gifts, Grants, and Contracts</i>	<i>\$313 140 930</i>

SECRETARY'S REPORT

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

DEGREES CONFERRED

The secretary presented for record the following summary of degrees conferred on candidates at the Urbana-Champaign campus on October 15, 1987.

Summary

Graduate Degrees

Doctor of Philosophy	269
Doctor of Education	5
Doctor of Musical Arts	2
<i>Total, Doctors</i>	<i>(276)</i>
Master of Arts	27
Master of Science	113
Master of Accounting Science	2

Master of Architecture	2
Master of Business Administration	3
Master of Computer Science	2
Master of Education	6
Master of Extension Education	1
Master of Landscape Architecture	1
Master of Music	3
Master of Social Work	2
Master of Urban Planning	1
<i>Total, Masters</i>	(163)
Advanced Certificate in Education	1
<i>Total, Certificates</i>	(1)
<i>Total, Graduate Degrees</i>	440
<i>Undergraduate Degrees</i>	
College of Agriculture	
Bachelor of Science	17
College of Applied Life Studies	
Bachelor of Science	13
College of Commerce and Business Administration	
Bachelor of Science	19
College of Communications	
Bachelor of Science	4
College of Education	
Bachelor of Science	2
College of Engineering	
Bachelor of Science	4
College of Fine and Applied Arts	
Bachelor of Fine Arts	2
College of Liberal Arts and Sciences	
Bachelor of Arts	24
Bachelor of Science	12
<i>Total, College of Liberal Arts and Sciences</i>	(36)
College of Veterinary Medicine	
Bachelor of Science	2
<i>Total, Undergraduate Degrees</i>	99
<i>Total, Degrees Conferred October 15, 1987</i>	539

ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

President Howard called attention to the schedule of meetings for the next three months: January 7, 1988 (Annual Meeting), Urbana-Champaign; February 4, Chicago; March 10, Urbana-Champaign. There is no meeting scheduled for December.

There being no further business, the board adjourned.

EARL W. PORTER
Secretary

GEORGE W. HOWARD III
President