

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

March 13, 1986



The March meeting of the Board of Trustees of the University of Illinois was held in Chicago Room C, Chicago Illini Union, Chicago campus, Chicago, Illinois, on Thursday, March 13, 1986, beginning at 8:00 a.m.

President Nina T. Shepherd called the meeting to order and asked the secretary to call the roll. The following members of the board were present: Mrs. Galey S. Day, Mr. William D. Forsyth, Jr., Mrs. Susan L. Gravenhorst, Mr. Ralph C. Hahn, Mr. George W. Howard III, Mr. Albert N. Logan, Mr. Dean E. Madden, Mrs. Shepherd, Miss Ann E. Smith. Governor James R. Thompson was absent. The following nonvoting student trustees were present: Mr. Scott L. Becker, Urbana-Champaign campus; Mr. Kevin K. Lamm, Chicago campus.

Also present were President Stanley O. Ikenberry; Dr. Morton W. Weir, vice president for academic affairs; Dr. Donald N. Langenberg, chancellor, University of Illinois at Chicago; Dr. Thomas E. Everhart, 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 of the University); Mr. Byron H. Higgins, university counsel; and Dr. Earl W. Porter, secretary.

EXECUTIVE SESSION

President Shepherd, 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. Logan and approved unanimously.

Authorization to Acquire Properties by Purchase or Condemnation, Urbana

(1) The president of the University, with the concurrence of appropriate administrative officers, recommends adoption of the following resolution authorizing acquisition of properties within a two-block area in Urbana, through purchase or condemnation proceedings. Authorization is given for acquisition of each property at a price within the appraisals received by the University. The property is needed for the Beckman Institute and other related projects for the north campus at Urbana.

Three parcels in the area have been acquired by purchase; and the University has been negotiating with the owners of the remaining properties, based upon appraisals received by the University. However, the owners have been unwilling to sell. Authorization is granted for the acquisition of each property at a price, within the appraisals received by the University or at the amount determined in condemnation proceedings.

Funds for the acquisition of the properties are provided by private gift funds through the University of Illinois Foundation and funds appropriated by the State of Illinois.

Resolution Authorizing Condemnation of Property

Be It, and It Hereby Is Resolved, Found, and Declared by the Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the real estate described in Exhibit A, attached and incorporated herein by reference, is needed by the University of Illinois, a higher education institution established and supported by the State of Illinois, for an academic building and related facilities and projects on the north campus for faculty, students, and staff members of the University of Illinois for the conduct of the educational functions of the University of Illinois; for the further expansion of the educational facilities of said University of Illinois for purposes incidental to and necessary for educational functions conducted by said University of Illinois; and to enable said University of Illinois to discharge its duty to the people of said State for public use, and that funds are available to the University for the purchase of said land for said educational purposes.

Be It, and It Hereby Is Further Resolved, Found, and Declared that the vice president for business and finance or his designee of the University of Illinois is authorized to acquire the described real estate and continue negotiations and acquisition for and on behalf of the University of Illinois with the owner(s) of the real estate described in Exhibit A for the purchase thereof by the University.

Be It, and It Hereby Is Further Resolved, Found, and Declared that in the event the vice president for business and finance or his designee is unable to agree with the owner(s) of said real estate as to the compensation to be paid therefore, then the university counsel is authorized to institute condemnation proceedings for the benefit of the University of Illinois for the acquisition of said real property for the educational and other purposes hereinabove described; the university counsel is authorized to institute said proceedings at the cost and expense of the University of

Illinois; to engage special legal counsel(s) to institute condemnation proceedings in the name of the Board of Trustees of the University of Illinois for the purpose of acquiring title to and possession of said real estate in accordance with the eminent domain laws of the State of Illinois.

Be It, and It Hereby Is Further Resolved, Found, and Declared that this resolution shall take effect and be in full force from and after its passage.

On motion of Mr. Logan, the foregoing resolution was adopted by the following vote: Aye, Mrs. Day, Mr. Forsyth, Mrs. Gravenhorst, Mr. Hahn, Mr. Howard, Mr. Logan, Mr. Madden, Mrs. Shepherd, Miss Smith; no, none; absent, Governor Thompson. (The student advisory vote was: Aye, Mr. Becker, Mr. Lamm; no, none.)

Exhibit A

The following properties are covered by the preceding resolution. All properties are located in Seminary Addition to Urbana, situated in the City of Urbana, in Champaign County, Illinois.

Lot 10 in Block 41 (having a street address commonly known as 403 North Mathews and 1302 West Clark)

All of Lot 6 except the North 40 feet in Block 41 (having a street address commonly known as 1310 West Clark)

Lot 7 and the West 2 feet of Lot 8, in Block 42 (having a street address commonly known as 1308-1310 West Main)

Tract I: All of Lot 1 except the North 82 feet, in Block 42 and Tract II: The North 82 feet of Lot 1 in Block 42 (having a street address commonly known as 305 North Mathews and 1301 West Clark)

Lot 5 and the West 11 feet of Lot 4, all in Block 41 (having a street address commonly known as 406 North Romine)

Lot 2 in Block 42 (having a street address commonly known at 1303 West Clark)

Lot 3 in Block 42 (having a street address commonly known as 1305 West Clark)

Lot 4 in Block 42 (having a street address commonly known as 1307 West Clark)

The North Half of Lot 5 in Block 42 (having a street address commonly known as 308 North Romine)

Lot 7 in Block 41 (having a street address commonly known as 1308 West Clark)

Lots 8 and 9 in Block 41 (having a street address commonly known as 1304-1306 West Clark)

Lots 2 and 3 and the East 55 feet of Lot 4, all in Block 41 (having a street address commonly known as 1303-1309 West University)

Acquisition of Property, Urbana

I

(2) On February 13, 1986, the Board of Trustees authorized the acquisition of two properties in the north-campus area of Urbana on which options had been obtained in the names of agents employed by the University. One of the options for the properties at 1301 West University Avenue and 405 North Mathews Avenue was authorized to be acquired at a cost of \$95,000 when, in actuality, the agreement with the owner was at a cost of \$100,000. The president of the University, with the concurrence of the appropriate administrative officers, recom-

mends that the board action of February 13, 1986, be amended to provide for the acquisition of the properties at a cost of \$100,000. The acquisition cost is within the appraised value.

II

Furthermore, it is now recommended that the remaining three properties which are under option be acquired as follows:

<i>Address</i>	<i>Acquisition Cost</i>
404 North Romine Street, Urbana	\$75 000
1206 West Clark Street, Urbana	40 000
1212 West Clark Street, Urbana	95 000

These properties would be acquired at the indicated cost and the agent instructed to exercise each option and provide for its assignment to the University. The cost of each parcel is within the appraised value.

Funds for the acquisition of three properties (1301 West University Avenue, 405 North Mathews Avenue, 404 North Romine Street) are being provided by private gift funds through the University of Illinois Foundation and from funds appropriated by the State of Illinois. Funds for the acquisition of 1206 and 1212 West Clark Street are being provided by private gift funds in the Office of the President.

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

(The student advisory vote was: Aye, Mr. Becker, Mr. Lamm; no, none.)

Anthony Wade vs. Lynn, et al.

The university counsel reported that the above case might be settled somewhere between \$4.2 and \$4.5 million within the next 7 to 10 days. The University has insurance coverage with \$100,000 deductible clause. The insurance coverage includes limits over \$5 million on the first level and a second \$5 million above that. The insurance carrier, Insurance Company of Ireland, is the responsible party since the University has already committed its \$100,000.

Report, Searches in Process

Each of the chancellors and the vice president for academic affairs reported on the status of various searches for senior administrative officers in the University and in the University of Illinois Foundation.

EXECUTIVE SESSION ADJOURNED

There being no further business, the executive session was adjourned for a meeting of the Buildings and Grounds Committee at 8:55 a.m. The committee adjourned at 10 a.m. for a meeting of the board as a Committee of the Whole.

MEETING OF THE BOARD AS A COMMITTEE OF THE WHOLE

The committee met to receive preliminary recommendations and information with regard to changes in tuition, fees, and housing rates for Fiscal Year 1987. Vice President Weir and others presented written and visual materials outlining tuition charges by the University and other Big Ten institutions, presented alternatives in the assessment of differential tuition for undergraduate students, and reviewed the components of student fee increases and the elements involved in housing charges for the next year. Trustee Gravenhorst reported that she had informal discussions on the previous day with the members of the Executive Student Council at the Health Sciences Center, a group concerned at the escalation of tuition for students in the College of Medicine. (The trustees also received a number of letters from medical students on this subject.)

Specific recommendations for increases in tuition, fees, and housing rates will be on the agenda of the Board of Trustees at the meeting of April 10 in Urbana.

The board reconvened in regular session at 11:15 a.m.

APPEARANCE, AFSCME

With the approval of the president of the board, a representative of the American Federation of State, County, and Municipal Employees from Champaign, Miss Tracy Abman, appeared briefly to present a petition signed by a number of University employees. The petition asked the Board of Trustees "to take all necessary steps to initiate employer-paid dental insurance coverage for employees and dependents during 1986 including the adoption of a resolution requesting that the Department of Central Management Services and the Illinois General Assembly make available the necessary funds to implement such a program effective July 1, 1986."

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

President Ikenberry recognized and introduced observers from the campus senates and from the University Senates Conference.¹

Visit to Great Britain

President Ikenberry reported on a recent visit to Great Britain to examine the relationship between industry and British universities, with particular attention to research parks. He noted a particular difference in contrast with American institutions, *i.e.*, the more direct involvement of the institutions in marketing university patents and copyright materials.

¹ University Senates Conference: Edward Lichter, professor and head of the Department of Preventive Medicine and Community Health, College of Medicine at Chicago, Health Sciences Center; Urbana-Champaign Senate Council: Robert Moreschi, graduate student; Chicago campus Senate: Stanley K. Shapiro, professor and head of the Department of Biological Sciences, College of Liberal Arts and Sciences, University Center.

Governor's Budget Message, Fiscal Year 1987

The president expressed strong commendation of the governor and the General Assembly for establishing the high priority in the current budget year for education at all levels in Illinois. He characterized the year as a successful test of the State's commitment to such a priority, especially in a period when resources are not plentiful. The budget for the University of Illinois as recommended by the governor will provide for the fourth year a major step in recovery from the difficult years of the past decade, he stated.

REGULAR AGENDA

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

Budgets for 1986 Summer Sessions, Chicago and Urbana-Champaign

(3) The chancellors at the Chicago and Urbana-Champaign campuses have recommended the budgets and appointments to the faculty for the 1986 summer sessions. (Copies of the budget documents are filed with the secretary of the board.)

The distribution of the budgeted funds is as follows:

	<i>Urbana-Champaign</i>	<i>Chicago</i>	<i>Total</i>
Salaries	\$1 862 810	\$1 410 742	\$3 273 552
Reserve	20 454	50 490	70 944
	<u>\$1 883 264¹</u>	<u>\$1 461 232²</u>	<u>\$3 344 496</u>

The projected enrollment for 1986 and corresponding figures for 1985 are as follows (head count):

	<i>Actual 1985</i>	<i>Projected 1986</i>	<i>Decrease or Increase</i>	<i>Percent of Decrease or Increase</i>
<i>Urbana-Champaign</i>				
Undergraduate	4 181	3 903	-278	-6.6
Professional	148	137	-11	-7.4
Graduate	5 011	4 960	-51	-1.0
<i>Total</i>	<u>9 340</u>	<u>9 000</u>	<u>-340</u>	<u>-3.6</u>
<i>Chicago</i>				
Undergraduate	4 976	4 900	-76	-1.5
Graduate	1 840	1 900	60	3.3
<i>Total</i>	<u>6 816</u>	<u>6 800</u>	<u>-16</u>	<u>-0.23</u>

The salaries recommended for summer session appointments are computed on the basis of the standard formula: two-ninths of the salary of the academic year for the full period of the session (eight weeks) with proportionate amounts for shorter periods or for part-time service.

The vice president for academic affairs and the vice president for business and finance concur in the recommendation. Accordingly, I recommend that the appointments to the staff for the summer sessions be approved as submitted; and that the president of the University be authorized to accept resignations, to approve additional appointments, and to make such other changes as are necessary to meet the needs of the 1986 summer sessions within the total allocation of funds indicated.

¹ The total budget for Urbana-Champaign for 1985 was \$1,883,264.

² The total budget for Chicago for 1985 was \$1,378,521.

On motion of Mr. Forsyth, these appointments and the summer session budgets for Chicago and Urbana-Champaign for 1986 were approved and authority was given as requested. This action was taken by the following vote: Aye, Mrs. Day, Mr. Forsyth, Mrs. Gravenhorst, Mr. Hahn, Mr. Howard, Mr. Logan, Mr. Madden, Mrs. Shepherd, Miss Smith; no, none; absent, Governor Thompson.

(The student advisory vote was: Aye, Mr. Becker, Mr. Lamm; no, none.)

By consensus, the board agreed that one vote would be taken and considered the vote on each agenda item nos. 4 through 15 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

(4) 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 eleven 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 Mrs. Day, these certificates were awarded.

Director, Institute of Government and Public Affairs

(5) The vice president for academic affairs has recommended the appointment of Dr. Robert F. Rich, presently associate professor of political science, public policy, and management at Carnegie-Mellon University, as director of the Institute of Government and Public Affairs, beginning July 1, 1986, on a twelve-month service basis at an annual salary of \$72,000. Dr. Rich will hold professorships in the Institute of Government and Public Affairs, in political science (Urbana), and in health resources management (Chicago), on indefinite tenure.

Dr. Rich will succeed Samuel K. Gove who resigned from the directorship in 1985. Dr. Peter Nardulli has served as acting director since last year.

This recommendation is made with the advice of a search committee.¹

I recommend approval.

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

Appointments to the Faculty

(6) The following new appointments to the faculty of the rank of assistant professor and above, and certain administrative positions, have been approved since the previous meeting of the Board of Trustees.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated.

¹ Robert W. Resek, professor of economics and director of the Bureau of Economic and Business Research, Urbana, *chairman*; Lyndon R. Babcock, professor of environmental and occupational health sciences, School of Public Health, Chicago; Michael B. Bass, graduate student in the Institute of Government and Public Affairs; James W. Fossett, assistant professor in the Institute of Government and Public Affairs; Boyd R. Keenan, professor of political science, Chicago, and in the Institute of Government and Public Affairs; James J. Stukel, vice chancellor for research and dean of the Graduate College, Chicago.

- 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

- ERDAL ARIKAN, assistant professor of electrical and computer engineering, beginning January 6, 1986 (N), at an annual salary of \$38,000.
 STEPHEN K. FARRAND, assistant professor of plant pathology, beginning February 21, 1986 (1), at an annual salary of \$45,000.
 THOMAS KERKHOVEN, assistant professor of computer science, beginning January 6, 1986 (N), at an annual salary of \$38,000.
 WILLIAM G. MARTIN, assistant professor of sociology, beginning January 6, 1986 (1), at an annual salary of \$23,000.
 D. DAVID SISSON, assistant professor of veterinary clinical medicine, beginning February 21, 1986 (NY), at an annual salary of \$43,000.

Chicago

- PAVLE ALPAR, assistant professor of information and decision sciences, beginning January 1, 1986 (2), at an annual salary of \$38,000.
 SYED M. A. RAZA, assistant professor of anesthesiology, on 60 percent time, and physician surgeon, on 40 percent time, College of Medicine at Chicago, beginning February 5, 1986 (1Y60;NY40), at an annual salary of \$85,000.
 GERALDO SOUZA, assistant professor of information and decision sciences, beginning January 1, 1986 (1), at an annual salary of \$36,600.

On motion of Mrs. Day, these appointments were confirmed.

Undergraduate Instructional Awards, Summer 1986, Urbana

(7) The Undergraduate Instructional Awards program at the Urbana-Champaign campus seeks to encourage faculty in the improvement of undergraduate instruction. The awards provide salary for one or two months (one-ninth or two-ninths of the academic year salary) plus incidental expenses and graduate assistant support as required.

Applications for the awards are evaluated and ranked at the departmental, school, and college levels before being judged by a campus-wide committee. The committee selects those proposals believed to promise the greatest potential benefit to undergraduate instruction.

The vice chancellor for academic affairs has recommended the following awards for the summer of 1986.

	<i>Salary</i>	<i>Expense</i>	<i>Total</i>
RICHARD M. HILL, professor of business administration	\$14 334	\$10 251	\$24 585
ROBERT A. JONES, associate professor of sociology	8 444	6 772	15 216

JOHN F. LALANDE II, assistant professor of German	\$ 5 488	\$ 1 820	\$ 7 308
ABDERRAFI M. OUGOUAG, assistant professor of nuclear engineering.....	8 333	11 865	} 22 726
JAMES F. STUBBINS, associate professor of nuclear engineering.....	2 528 ¹		
RAJESHWARI V. PANDHARIPANDE, assistant professor of religious studies and linguistics	5 331	2 601	7 932
HEIDI VON GUNDEN, associate professor of music	5 556	6 744	12 300

Funds for these awards have been included in the appropriation bill of the General Assembly to meet the ordinary and contingent expenses of the University for Fiscal Year 1987. These awards are subject to the availability of such funds.

The chancellor at Urbana-Champaign concurs in these recommendations as does the vice president for academic affairs.

I recommend approval.

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

Sabbatical Leaves of Absence, 1986-87

(8) The chancellors at each campus have recommended members of the faculty to be given sabbatical leaves of absence in accordance with the provisions of the University of Illinois *Statutes*.

The programs of research, study, and travel for which leaves are requested have been examined by the research boards at the campuses. The vice president for academic affairs has reviewed the applications for the leaves and recommends approval of 183 leaves for Urbana-Champaign, 75 leaves for Chicago, and 1 leave for the central administration. (A list of those recommended has been filed with the secretary of the board for record.)

(For the record and to provide an annual compilation, in 1985-86, 172 leaves were taken at Urbana-Champaign, 70 leaves were taken at Chicago, and 4 leaves were taken by Central Administration.)

I concur.

On motion of Mrs. Day, these leaves were granted as recommended.

Honorary Degrees, Chicago

(9) The senate at the Chicago campus has recommended that honorary degrees be conferred on the following persons at Commencement Exercises at Chicago on June 8, 1986:

PETER EISENMAN, founder and former director of the Institute for Architecture and Urban Studies in New York City — the degree of Doctor of Fine Arts.

SHERVERT H. FRAZIER, director of the National Institute of Mental Health — the degree of Doctor of Science.

C. ROLLINS HANLON, director of the American College of Surgeons — the degree of Doctor of Science.

GERHARD LEVY, distinguished professor of pharmaceuticals and director of the Clinical Pharmacokinetics Research Center at State University of New York at Buffalo — the degree of Doctor of Science.

JOHN BROOKS SLAUGHTER, chancellor of the University of Maryland — the degree of Doctor of Science.

¹ Two months on 25 percent time.

LAWRENCE W. TOWNER, president and librarian of the Newberry Library, Chicago — the degree of Doctor of Letters.

The chancellor concurs in the recommendations of the senate.

I recommend approval.

On motion of Mrs. Day, these degrees were authorized as recommended.

Establishment, Bachelor of Fine Arts Degree in Photography, Urbana

(10) The Urbana-Champaign Senate has approved the establishment of a Bachelor of Fine Arts Degree Program in Photography, effective August 1986. The proposed B.F.A. in Photography will be the first in the State of Illinois.

The photography program has existed as an important part of the School of Art and Design for more than twenty years; and over the last several years, there has been increased interest and demand for an undergraduate degree program. The number of students enrolled in photography courses is consistently high: 75 to 100 students taking the more-advanced photography courses, with over 100 registered each semester in beginning courses. The photography program has grown in size and sophistication — providing courses, facilities, and equipment that far surpass many schools which presently offer baccalaureate degrees in photography. The faculty, which has grown to four internationally known artists, is of the highest quality.

Students need a total of 122 hours to graduate and must maintain a 4.0 grade-point average in photography courses and a 3.5 cumulative GPA to continue in the program. The curriculum in photography incorporates a strong background in history, theory, and practice of photography, including 24 required hours and a minimum of 6 hours of elective credit in photography courses.

There are no budgetary or staff implications associated with the establishment of this degree.

The chancellor at Urbana-Champaign and the vice president for academic affairs recommend approval. The University Senates Conference has indicated that no further senate jurisdiction is involved.

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

On motion of Mrs. Day, this recommendation was approved.

Establishment, Department of Nuclear Engineering, Urbana

(11) The Urbana-Champaign Senate has approved the establishment of a Department of Nuclear Engineering in the College of Engineering.

There has been an interdisciplinary program in nuclear engineering since 1958, providing opportunities for advanced professional study and research in nuclear energy. Degrees were first offered in nuclear engineering at the master's and doctoral levels, and a bachelor's degree program was added in 1975. Since the beginning of the program, 151 doctoral degrees, 483 master's degrees, and 160 bachelor's degrees have been granted.

Changing the status of nuclear engineering from that of an interdisciplinary program to that of a department will provide focus and visibility for nuclear engineering as a separate engineering discipline. This status has already been accorded to nuclear engineering in major engineering colleges throughout the United States. The faculty believes that its competitive position for both attracting graduate students and recruiting new faculty would be enhanced by forming a department out of the current program.

The faculty of the Nuclear Engineering Program will become the faculty of the department. The administrative structure of the department will be established in accordance with the University of Illinois *Statutes* and the bylaws of the College of Engineering. The current level of funding, \$1,862,036 from all funding sources,

is sufficient to establish the department. If a department head is chosen from outside the unit, funding for the position would be provided by the College of Engineering.

The chancellor at Urbana-Champaign and the vice president for academic affairs recommend approval. The University Senates Conference has indicated that no further senate jurisdiction is involved.

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

On motion of Mrs. Day, this recommendation was approved.

Agreement with Hughes Aircraft Company

(12) The Hughes Aircraft Company has offered to support research in the amount of \$61,253 at the Coordinated Science Laboratory, Urbana, to be conducted by Professor Maria Ilic-Spong and Professor Jessy Grizzle. The work involves computer modeling of the dynamic performance of an existing DC-DC converter system developed and manufactured by Hughes. The results will be contained in a computer program to be developed by the University investigators which will be provided to Hughes for its further use.

Hughes is concerned with the protection of its existing proprietary technology as embodied in the system to be studied. As a condition of its support, Hughes wishes to retain ownership of all patentable inventions pertaining to their DC-DC converter. It is unlikely that the planned University work will produce any patentable inventions, especially inventions within the field of design and operation of this Hughes equipment. Nevertheless, language is being proposed to address such a contingency, however remote.

The proposed contract divides prospective inventions into two technical domains. For inventions within the field of Hughes' proprietary technology, the University will make no claim of ownership rights. Inventions outside the domain of Hughes' subject technology will be handled in accordance with the University's standard patent policy.

The Coordinated Science Laboratory and the vice chancellor for research agree that the terms described above are acceptable in the present case. The University Patent Committee has recommended approval.

I concur.

On motion of Mrs. Day, this recommendation was approved.

Assignment of Patent to Wisconsin Alumni Research Foundation

(13) The Wisconsin Alumni Research Foundation (WARF) filed a patent application on the following invention on March 28, 1985.

Bovine Placental Lactogen Gene — Walter F. Hurley (Department of Animal Sciences, University of Illinois, Urbana); Linda A. Schuler, Jack Gorski, Robert D. Bremel (University of Wisconsin); Fritz Rottman (Case Western Reserve University)

Professor Walter F. Hurley began work on this invention while on a post-doctoral appointment at the University of Wisconsin and has continued to do related research since taking a position at the University of Illinois in 1982. This invention has received support from multiple sources, including the University of Illinois Agricultural Experiment Station and the Federal government.

WARF, through a recent review of the funding sources for this invention, became aware of Hurley's involvement as a coinventor and realized that the University of Illinois has an equity interest in this invention with the University of Wisconsin. WARF has proposed the following distribution of rights:

1. Because all inventors were once University of Wisconsin employees, WARF has filed the patent application. WARF proposes that it take assignment of the invention from all inventors, including Walter F. Hurley and the University of Illinois, and proceed in its efforts to obtain patent protection.

2. The equity interest of Wisconsin and Illinois in this invention is estimated at about 75 percent for Wisconsin and 25 percent for Illinois. WARF proposes that it continue with the necessary efforts to obtain patent protection and to license the invention with expenses to be shared 25 percent by Illinois and 75 percent by WARF.

3. In conformity with that sharing, WARF will share 25 percent of any income or fees received from licensing the invention with Illinois.

4. University Patents, Inc., has elected to subject this invention to its servicing agreement with the University, and thus will be responsible for 25 percent of the patent-related expenses to be paid by the University, in return for its normal share of resulting royalty income.

To proceed in this way, the University must assign its ownership interest in this invention to WARF. Under Article II, Section 8(d) of the *General Rules Concerning University Organization and Procedure*, approval by the Board of Trustees is necessary to implement this proposal.

The inventor, the department head, and the vice chancellor for research agree that the terms described are acceptable in the present case and have recommended that the assignment be approved. The University Patent Committee has recommended approval.

I concur.

On motion of Mrs. Day, this recommendation was approved.

Recommendations of the University Patent Committee

(14) The University Patent Committee has recommended that the actions described below be taken with regard to inventions made at the University of Illinois. Background information has been sent to the Committee on Patents of the Board of Trustees.

1. *Polarization Compensating and Preserving Mirror Arrangement* — Alexander Scheeline, assistant professor of chemistry, and Mark A. Lovik, graduate research assistant, School of Chemical Sciences, Urbana, inventors; developed with support of the National Science Foundation.

University Patents, Inc., reported that it does not elect to subject this invention to its servicing agreement with the University. UPI has determined that while some limited patent claims might be available, it is unlikely that a licensee could ever be found for such a patent because there is substantial "prior art." The University Patent Committee has reviewed these findings and recommends that the University release its rights in this invention to the sponsor of the research, the National Science Foundation, in accordance with the provisions of Public Law 96-517.

2. *A Novel Method to Increase the Oral Absorption and Diuretic Effect of Furosemide* — Win L. Chiou, professor, Myung G. Lee, research associate, Mei-Ling Chen, former research associate, and Tun Li, former visiting scholar, Department of Pharmacodynamics, Chicago, inventors.

University Patents, Inc., initially elected to subject this invention to its servicing agreement with the University in 1984 because there appeared to be sufficient commercial interest to warrant patent protection. However, UPI subsequently reversed its decision in 1985, after the interest failed to materialize. Subsequent to the release from UPI, the invention was disclosed by the University to a commercial concern, but the reaction was negative. The University Patent Committee recommends that the University release its rights in this invention to the inventors, subject to the retention of shop rights by the University.

3. *Low-Contrast Detectability Phantom for Evaluation of Computed Tomography CT Scanners* — Robert J. Kriz, assistant professor of radiology, and Ruben

Stortzum, instrument maker, Department of Radiology, College of Medicine at Chicago, inventors.

University Patents, Inc., reported that it does not elect to subject this invention to its servicing agreement with the University. UPI determined that the invention was probably not patentable and that the commercial market was limited. Under the circumstances, royalty income would be unlikely to support any investment in patent protection were such available. The University Patent Committee has reviewed the UPI findings and recommends that the University release its rights in this invention to the inventors, subject to the retention of shop rights by the University.

4. *Demobilizing Stand* — C. Jan Carpenter, assistant professor of human development in the Department of Human Development and Family Ecology, Urbana, inventor.

University Patents, Inc., reported that it does not elect to subject this invention to its servicing agreement with the University. It was UPI's opinion that prior art would preclude obtaining a patent; also, it is doubtful that protection of this commercial design would be feasible. In addition, the commercial potential for the invention appears to be quite limited, even if patent protection were available. The University Patent Committee has reviewed these findings and recommends that the University release its rights in this invention to the inventor, subject to the retention of shop rights by the University.

I concur.

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

Revision of Original Statement of Policy Pertaining to Private Operations at the University of Illinois—Willard Airport

(15) On January 18, 1961, the Board of Trustees adopted a statement of policy regarding private operations at the University of Illinois—Willard Airport. Paragraph 2 of the policy, as amended by action of the Board of Trustees in September 1969, provides for the exclusive reservation to the University of all rights for the sale of aviation gasoline and oil, University Staff Air Transport Service, and flight instruction for University staff and students for which University credit is given.

The director of the Institute of Aviation has proposed entering into negotiations with the present fixed-based operator for all rights to the sale of jet fuel, aviation gasoline, and oil. A survey of existing fixed-based operations in other similar airports indicates that the continued exclusive reservation by the University of all rights for the sale of aviation gasoline and oil would be detrimental to the best interests of the University in continued negotiations with the fixed-based operator. The budgetary implications for airport operations are not material. The director has recommended that Paragraph 2 of the board's policy be amended to read as follows:¹

2. It is the policy of the Board to abide by the obligation assumed by the University under its sponsors' agreements with the Federal Aviation Administration, including the provisions for qualified fixed-based operators to base upon and operate from the University of Illinois—Willard Airport upon payment to the University of reasonable charges and rentals for the privileges granted and the land or facilities provided by it to each operator. Such operation shall be in accordance with the terms of the University's assurances under the Federal Airport Act, the regulation of the Federal Aviation Administration, and any other pertinent legal rules, but with exclusive reservation to the University of all rights for the [sale of aviation gasoline and oil.] University Staff Air Transport Service, and

¹ Deleted material is in brackets.

flight instruction for University staff and students for which University credit is given.

The chancellor at the Urbana-Champaign campus has recommended approval of this revision to the original statement of policy adopted by the board on January 18, 1961, and amended in September 1969. The vice president for business affairs concurs.

I recommend approval.

On motion of Mrs. Day, 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. 16 through 28 inclusive. The recommendations were individually discussed but acted upon at one time.

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

Contracts, Steam Plant Addition, Chicago

(16) The president of the University, with the concurrence of the appropriate administrative officers, recommends the award of the following contracts. The award in each case is to the low bidder on its base bid for construction of a building addition for the Steam Plant at the Chicago campus, and to install a boiler donated to the University by A.E. Staley Manufacturing Company of Decatur.

<i>Division I — General</i>	<i>Base Bid</i>
Marcus Construction Company, Inc., Chicago	\$521 800
<i>Division III — Mechanical</i>	
Independent Mechanical Industries, Inc., Chicago	314 200
<i>Division V — Electrical</i>	
Goulding Electrical Construction, Inc., Wheeling	45 281
<i>Total</i>	<u>\$881 281</u>

Funds are available in the Fiscal Year 1986 restricted funds operating budget of the Steam Plant.

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

On motion of Mr. Madden, these contracts were awarded by the following vote: Aye, Mrs. Day, Mr. Forsyth, Mrs. Gravenhorst, Mr. Hahn, Mr. Howard, Mr. Logan, Mr. Madden, Mrs. Shepherd, Miss Smith; no, none; absent, Governor Thompson.

(The student advisory vote was: Aye, Mr. Becker, Mr. Lamm; no, none.)

Enlarged Incinerator Project, Chicago (Contract with Capital Development Board)

(17) On October 20, 1983, the Board of Trustees requested the Capital Development Board to employ the firm of John Victor Frega Associates, Ltd., Chicago, to provide the architectural/engineering services required for a waste incinerator for the Chicago campus. On October 31, 1984, following the release of funds, the firm was employed by the Capital Development Board for the project.

This project as originally developed by a campus task force was to cost \$457,000 and included a nonenclosed incinerator with a nonsupported stack. Since the conclusion of the study, additional engineering work by the architect has de-

terminated that the self-supporting stack will not be of sufficient height to allow for proper disbursement; a supported stack will be necessary. Research by the architect on similar installations has revealed that the nonenclosed design originally contemplated is not feasible. Enclosure of the incinerator and control room will be required.

Moreover, because the campus is faced with a rapid expansion of chemical collection, storage, classification, and shipment preparation, it is desirable to augment the project to house these needs and to allow the cleansing and recycling of some chemicals.

The cost of these major revisions in the original scope total \$316,629 over the Capital Development Board appropriation.

The CDB has advised the University that Capital Development Bond funds are not available for this additional work and has asked the University to provide the funds to finance it.

Section 12 of the Capital Development Board Act provides that the CDB and the University may contract with each other and other parties as to the design and construction of any project to be constructed on University property.

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 undertake the enlarged scope of the project. The amount of the University's share of the contract will not exceed the increased amount, *i.e.*, \$316,629.

University funds are available in the Fiscal Year 1986 institutional funds budget of the Chicago Physical Plant.

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

(The student advisory vote was: Aye, Mr. Becker, Mr. Lamm; no, none.)

Contracts, Renovation of Outdoor Tennis Courts, Urbana

(18) The president of the University, with the concurrence of the appropriate administrative officers, recommends award of the following contracts to renovate the existing outdoor tennis courts at the Intramural-Physical Education Building, Urbana campus. The award in each case is to the low bidder, plus acceptance of the indicated alternate.

Division I — General

University Asphalt Company, Inc., Urbana ..	Base Bid ...	\$89 995	
	Alt. G-1	250	
			\$ 90 245

Division II — Plumbing

Paul H. McWilliams & Sons, Inc., Champaign	Base Bid	18 750	
<i>Total</i>			\$108 995

It is further recommended that: (1) the plumbing contract be assigned to the contractor for general work; and (2) an agreement be entered into with University Asphalt Co., Inc., Urbana, for the assignment of the plumbing contract (Alternate G-1).

Funds are available from the Auxiliary Facilities System Repair and Replacement Reserve.

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

(On August 27, 1985, the Board of Trustees employed Severns, Rishling & Associates, Inc., as the architect/engineer for this project.)

On motion of Mr. Madden, these contracts were awarded by the following vote: Aye, Mrs. Day, Mr. Forsyth, Mrs. Gravenhorst, Mr. Hahn, Mr. Howard, Mr. Logan, Mr. Madden, Mrs. Shepherd, Miss Smith; no, none; absent, Governor Thompson.

(The student advisory vote was: Aye, Mr. Becker, Mr. Lamm; no, none.)

Contracts, Addition to Water Survey Research Center,¹ Urbana

(19) In November 1982, the Adler Zone Center was assigned to the Illinois State Water Survey of Urbana. In Fiscal Year 1984, Capital Development Bond funds were appropriated by the General Assembly to remodel the facility for the survey. Because of its rapidly expanding space needs, the survey has proposed the construction of an addition to one of the existing buildings and last year, asked the University to coordinate the planning and construction in its behalf.

The University has provided such cooperative support to the State scientific surveys in the past. Under Illinois law, the functions of the surveys are exercised at the University of Illinois in "buildings and places provided by the trustees thereof." The facility as remodeled, therefore, continues to be a University building; and a portion of the cost of the addition will be provided from Urbana campus funds.

Accordingly, the president of the University, with the concurrence of the appropriate administrative officers, recommends the award of the following contracts. The award in each case is to the low bidder on its base bid, plus acceptance of the indicated alternates,² to construct an addition to the Water Survey Research Center to provide office space for the Water Survey Division of the Illinois Department of Energy and Natural Resources.

The project consists of the construction of a 5,550 gross square feet office building, utilizing a light commercial-grade construction.

Division I — General

McDowell Construction Company, Danville ..	Base Bid ...	\$138 900	
	Alt. 1	1 500	
	Alt. 2	25 500	
	Alt. 3	27 000	
	Alt. 4	26 600	
			\$219 500

Division II — Plumbing

A & R Mechanical Contractors, Inc.,			
Urbana	Base Bid ...	17 300	
	Alt. 2	1 100	
	Alt. 3	320	
			18 720

Division III — Heating, Piping, Refrigeration, and Temperature Control

A & R Mechanical Contractors, Inc.,			
Urbana	Base Bid ...	13 400	
	Alt. 3	3 800	
	Alt. 4	2 300	
			19 500

¹ Formerly, the Adler Zone Center.

² A schedule of the alternates is filed with the secretary of the board for record.

*Division IV — Ventilation
and Air Distribution*

TnT Mechanical Contractors, Inc., Urbana ..	Base Bid ...	\$ 12 743	
	Alt. 2	1 650	
	Alt. 3	4 819	
	Alt. 4	6 060	
			\$ 25 272

Division V — Electrical

Witte Electric Company, Champaign	Base Bid ...	26 315	
	Alt. 2	3 399	
	Alt. 3	4 847	
	Alt. 4	3 683	
			38 244
<i>Total</i>			\$321 236

It is further recommended that all contracts, other than the contract for general work, be assigned to the contractor for general work. Funds are available from the restricted funds operating budget of the Water Survey Division (\$131,236) and the State-appropriated funds budget of the Urbana campus (\$190,000).

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

On motion of Mr. Madden, these contracts were awarded by the following vote: Aye, Mrs. Day, Mr. Forsyth, Mrs. Gravenhorst, Mr. Hahn, Mr. Howard, Mr. Logan, Mr. Madden, Mrs. Shepherd, Miss Smith; no, none; absent, Governor Thompson.

(The student advisory vote was: Aye, Mr. Becker, Mr. Lamm; no, none.)

**Remodeling, Water Resources Building and
Employment of Architect/Engineer, Urbana**

(20) In 1982, a plan was proposed to move the State Water Survey from the Water Resources Building to a renovated Adler Clinic facility; and the Water Resources Building, which contains approximately 40,000 gross square feet, was to be renovated for the microelectronics center for the Department of Electrical Engineering at Urbana. Later, funds were provided for a new and larger facility for the microelectronics center. Is it now proposed that half of the vacated Water Resources Building be remodeled from the National Center for Supercomputing Applications at a project cost of \$967,900.

The president of the University, with the concurrence of the appropriate administrative officers, recommends: (1) the approval of the project described; and (2) the employment of Isaksen and Matzdorff, Architects, P.C., Urbana, to provide the professional services required in the development of the contract documents for remodeling the Water Resources Building for the National Center for Supercomputing Applications. The cost of the professional services through the receipt of bids will be at a fixed fee of \$63,200, plus authorized reimbursements estimated to be \$4,000.

After the receipt of bids for the project, the board will be requested to approve contracts for construction and to authorize the balance of the architectural and engineering services required during the construction phase.

This project will be financed from the institutional funds budget of the Urbana campus.

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

(The student advisory vote was: Aye, Mr. Becker, Mr. Lamm; no, none.)

Increase in Architectural/Engineering Contract, Housing and Commons, Chicago

(21) On October 18, 1984, and May 16, 1985, the Board of Trustees authorized the employment of Solomon, Cordwell, Buenz & Associates, Inc., Chicago, for architectural and engineering services through the receipt of bids for the housing and commons at the Chicago campus. On January 16, 1986, the board authorized the employment of the firm for the construction phase on an interim basis, until the full scope of the services required could be determined, at a cost not to exceed \$35,000.

The president of the University, with the concurrence of the appropriate administrative officers, now recommends the employment of Solomon, Cordwell, Buenz & Associates, Inc., for the services required for construction contract administration, structural-engineering site inspection, and the development of a critical-path-method construction schedule at a lump sum fee of \$145,000, and for providing two full-time, on-site professionals and bimonthly updates of the construction schedule on an hourly cost basis—the total not to exceed \$300,340, for a total of \$445,340.¹

Funds are available from the proceeds of the Series 1985 Auxiliary Facilities Revenue Bond issue.

A schedule of the firm's hourly rate has been filed with the secretary of the board for record.

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

(The student advisory vote was: Aye, Mr. Becker, Mr. Lamm; no, none.)

Amendment to Architectural/Engineering Contract, Beckman Institute, Urbana

(22) On December 10, 1985, an agreement was executed between the Board of Trustees and the firm of Smith, Hinchman & Grylls, Associates, Inc., Detroit, Michigan, for the "preliminary programming and conceptual design" phase of the Arnold O. and Mabel M. Beckman Institute for Advanced Science and Technology, Urbana. The fee for the professional services required for that phase was on an hourly basis not to exceed \$330,000, plus reimbursable expenses authorized by the University, estimated to be \$60,000.

It is now recommended that the agreement be amended to include the professional services required through the "schematic design" phase on an hourly basis not to exceed \$290,000.

Funds for this project are being provided from private gift funds through

¹ This figure includes the \$35,000 authorized by the board on January 16, 1986.

the University of Illinois Foundation and from funds appropriated by the State of Illinois.

I concur.

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

(The student advisory vote was: Aye, Mr. Becker, Mr. Lamm; no, none.)

Employment of Engineer for North Campus Utilities, Urbana

(23) The University's capital request for Fiscal Year 1987 includes funds for all of the utility services required for the existing and proposed facilities in the north campus area. The needs are for a central chilled-water facility, an electrical distribution system and load center, and extensions of the existing steam-distribution, water, sewer, and telecommunications systems.

Accordingly, the president of the University, with the concurrence of the appropriate administrative officers, recommends that the Capital Development Board be requested to employ Sargent and Lundy Engineers, Chicago, for the professional services required for the design and construction of north campus central-utility facilities and distribution systems.

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

Funds for the employment of this firm in FY 1986 are available on an interim basis from funds appropriated to the Capital Development Board. Funds for the complete design and construction of the utility facilities have been requested for FY 1987.

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

(The student advisory vote was: Aye, Mr. Becker, Mr. Lamm; no, none.)

Employment of Consultant, Telecommunications System, Chicago

(24) The president of the University, with the concurrence of the appropriate administrative officers, recommends the employment of Telecommunications International, Inc., Englewood, Colorado, for the professional telecommunications consulting services required for implementation and performance monitoring of the new Illinois Bell voice telecommunications system to replace the existing Centrex system at the Chicago campus.

The consultant will monitor the progress of the vendor, Illinois Bell, as the new system is installed — providing an installation schedule, a monthly status report, frequent quality-control checks, comprehensive test development, a system-wide inventory, a punch-list correction procedure, and a final report and analysis. The consultant's fee, based on the firm's hourly rate schedule, is not to exceed \$86,400, plus reimbursable expenses estimated to be \$11,724.

Funds for this project are available in the Fiscal Year 1986 restricted funds budget of the Chicago Physical Plant.

A schedule of the firm's hourly rate has been filed with the secretary of the board for record.

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

(The student advisory vote was: Aye, Mr. Becker, Mr. Lamm; no, none.)

Purchases

(25) 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 \$1 014 629 00

From Institutional Funds

Recommended 3 316 518 27

Grand Total \$4 331 147 27

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 Mr. Madden, the purchases recommended were authorized by the following vote: Aye, Mrs. Day, Mr. Forsyth, Mrs. Gravenhorst, Mr. Hahn, Mr. Howard, Mr. Logan, Mr. Madden, Mrs. Shepherd, Miss Smith; no, none; absent, Governor Thompson.

(The student advisory vote was: Aye, Mr. Becker, Mr. Lamm; no, none.)

Comptroller's Monthly Report of Contracts Executed

(26) The comptroller submitted the March 1986 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 the secretary.

This report was received for record.

Report of Investment Transactions through February 15, 1986

(27) The comptroller presented the investment report as of February 15, 1986.

Date	Number	Description	Cost/Yield	Amount
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Transactions under Finance and Audit Committee Guidelines

Sales:

1/17	\$ 300 000	South Central Bell 12½ per-		
		cent bonds due 10/1/20	\$ 271 500 00	\$ 331 170 00

<i>Date</i>	<i>Number</i>	<i>Description</i>	<i>Cost/Yield</i>	<i>Amount</i>
1/21	400 shares	AZP Group common stock ..	\$ 9 782 00	\$ 10 683 64
1/21	\$ 23 000	Ford Motor Credit demand notes	23 000 00	23 000 00
1/22	800 shares	AZP Group common stock ..	19 564 00	21 416 88
1/23	\$ 8 000	Ford Motor Credit demand notes	8 000 00	8 000 00
1/27	200 shares	AZP Group common stock ..	4 891 00	5 391 82
1/27	1 300 shares	Eastman Kodak common stock	54 886 00	61 156 45
1/27	700 shares	Philip Morris common stock	57 582 56	64 166 85
1/27	700 shares	Sperry common stock	30 697 20	33 542 88
1/29	1 000 shares	AZP Group common stock ..	24 455 00	26 959 10
1/31	1 000 shares	AZP Group common stock ..	24 455 00	27 091 10
2/3	196 shares	General Motors Class H common stock	10 571 89	7 211 57
2/5	\$ 116 000	Chevron demand notes	116 000 00	116 000 00
2/5	71 000	Phibro-Salomon demand notes	71 000 00	71 000 00
2/6	17 000	Chevron demand notes	17 000 00	17 000 00
2/7	7 400 shares	NL Industries common stock	96 492 60	108 043 78
2/10	\$ 87 000	Chevron demand notes	87 000 00	87 000 00
2/11	34 000	Chevron demand notes	34 000 00	34 000 00
2/12	36 000	Chevron demand notes	36 000 00	36 000 00

Purchases:

1/21	1 900 shares	Northeast Utilities common stock ...	9.27%	\$ 34 407 10
1/22	1 200 shares	Northeast Utilities common stock ...	9.31	21 645 60
1/22	\$ 331 000	Quaker Oats demand notes	7.58	331 000 00
1/23	400 shares	Northeast Utilities common stock	9.25	7 266 00
1/27	6 200 shares	Dana common stock	4.26	186 235 60
1/27	100 shares	Northeast Utilities common stock ...	9.12	1 841 50
1/27	\$ 4 000	Quaker Oats demand notes	7.58	4 000 00
1/29	27 000	Ford Motor Credit demand notes ...	7.66	27 000 00
1/31	3 500 shares	Tennant common stock	3.88	82 950 00
1/31	\$ 27 000	Chevron demand notes	7.91	27 000 00
2/3	3 000	Chevron demand notes	7.91	3 000 00
2/3	163 000	Ford Motor Credit demand notes ...	7.66	163 000 00
2/4	1 000	Ford Motor Credit demand notes ...	7.66	1 000 00
2/6	900 shares	Northeast Utilities common stock ...	8.62	17 533 80
2/7	500 shares	Comdata Network common stock ...	1.23	6 500 00
2/7	300 shares	Northeast Utilities common stock	8.60	5 862 00
2/7	\$ 96 000	Chevron demand notes	7.91	96 000 00
2/10	300 shares	Comdata Network common stock	1.22	3 937 50
2/11	1 500 shares	Comdata Network common stock	1.22	19 687 50
2/11	700 shares	Northeast Utilities common stock	8.49	13 853 00
2/12	1 200 shares	Comdata Network common stock	1.20	16 050 00
2/12	1 000 shares	Northeast Utilities common stock ...	8.49	19 790 00

Transactions under Comptroller's Authority

Sales:

1/21	\$ 5 000	Eli Lilly demand notes	\$ 5 000 00	\$ 5 000 00
1/23	1 500 000	Chevron demand notes	1 500 000 00	1 500 000 00
1/27	1 418 000	Chevron demand notes	1 418 000 00	1 418 000 00
1/27	532 000	Ford Motor Credit demand notes	532 000 00	532 000 00

<i>Date</i>	<i>Number</i>	<i>Description</i>	<i>Cost/Yield</i>	<i>Amount</i>
1/27	\$ 50 000	Quaker Oats demand notes ..	\$ 50 000 00	\$ 50 000 00
1/29	4 000	Chevron demand notes	4 000 00	4 000 00
1/29	115 000	Chevron demand notes	115 000 00	115 000 00
1/29	7 000	Ford Motor Credit demand notes	7 000 00	7 000 00
1/29	1 000	Eli Lilly demand notes	1 000 00	1 000 00
1/29	400 000	U.S. Treasury bills due 3/6/86	393 030 34	397 308 00
1/29	500 000	U.S. Treasury bills due 5/15/86	466 380 00	489 709 17
1/31	2 000 000	Ford Motor Credit demand notes	2 000 000 00	2 000 000 00
2/3	1 000 000	U.S. Treasury bills due 5/8/86	963 605 21	981 800 56
2/3	1 500 000	U.S. Treasury bills due 5/15/86	1 422 762 87	1 470 457 50
2/11	1 300 000	U.S. Treasury bills due 5/15/86	1 233 061 15	1 276 155 83
2/14	37 000	Ford Motor Credit demand notes	37 000 00	37 000 00
2/14	2 000	General Motors Acceptance demand notes	2 000 00	2 000 00
2/14	52 000	Quaker Oats demand notes ..	52 000 00	52 000 00

Purchases:

1/10	\$ 1 317	Federated Trust for U.S. Treasury Obligations	7.28%	\$ 1 317 41
1/23	2 255 000	U.S. Treasury bills due 8/7/86	7.41	2 167 586 18
1/29	119 000	Chevron demand notes	7.91	119 000 00
1/29	1 007 000	Ford Motor Credit demand notes ...	7.66	1 007 000 00
1/30	1 000 000	General Motors Acceptance demand notes	7.95	1 000 000 00
1/30	680 000	Phibro-Salomon demand notes	7.91	680 000 00
1/30	2 500 000	U.S. Treasury bills due 7/10/86	7.32	2 420 726 86
1/31	740 000	Chevron demand notes	7.91	740 000 00
2/4	49 000	Ford Motor Credit demand notes ..	7.66	49 000 00
2/5	4 000 000	First National Bank of Chicago zero percent certificate of deposit	-0-	4 000 000 00
2/5	2 000 000	U.S. Treasury bills due 10/2/86	7.40	1 906 391 67
2/6	17 000	Ford Motor Credit demand note	7.66	17 000 00
2/6	699 000	Ford Motor Credit demand notes	7.66	699 000 00
2/6	3 000 000	U.S. Treasury bills due 9/4/86	7.35	2 876 625 00
2/6	2 000 000	U.S. Treasury bills due 11/28/86	7.56	1 883 311 11
2/7	1 000 000	General Motors Acceptance 7.70 percent commercial paper due 2/10/86 .	7.95	1 000 000 00
2/7	4 000 000	U.S. Treasury bills due 11/28/86 ...	7.73	3 762 513 33
2/10	1 000 000	Chevron demand notes	7.91	1 000 000 00
2/10	4 000 000	U.S. Treasury bills due 8/7/86	7.52	3 856 611 11
2/12	3 000 000	U.S. Treasury bills due 8/7/86	7.45	2 894 546 67

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

Appointments to the Athletic Board of Control, and Elections to the Board of Directors of the Athletic Association, Urbana

(28) On recommendation of the chancellor at the Urbana-Champaign campus, I submit herewith nominations for appointment to the Athletic Board of Control and

for election to the Board of Directors of the Athletic Association of the University of Illinois at Urbana-Champaign.¹ All become effective at the 1986 annual meeting of the Athletic Association Board of Directors (presently scheduled for April 18, 1986) and are to continue for the terms designated or until the successors of these members/directors have been appointed/elected.

I concur in the recommendations.

From the Faculty

JAMES D. ANDERSON, associate professor of educational policy studies

DIANE F. CAROTHERS, associate professor of library administration and acting communications librarian

From the Alumni Association

SUSAN ROESCH, Class of 1972, liberal arts and sciences, Belleville, Illinois

From the Student Body

JERRY C. GAFFNER, sophomore majoring in agricultural economics

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

SECRETARY'S REPORT

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

ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

President Shepherd called attention to the schedule of meetings for the next three months: April 10, Urbana-Champaign; May 8, Chicago; June 12, Urbana-Champaign.

The trustees had before them a tentative calendar for 1986-1987 prepared by the secretary. The calendar will be presented for final action at the April meeting.

There being no further business, the board adjourned.

EARL W. PORTER
Secretary

NINA T. SHEPHERD
President

¹ The governance of intercollegiate athletics at the University of Illinois at Urbana-Champaign is vested in the Athletic Board of Control which also serves as the Board of Directors of the Athletic Association of the University of Illinois at Urbana-Champaign. The Athletic Board of Control and the Board of Directors of the Athletic Association, as provided in the *Bylaws* of the Urbana-Champaign Senate and the *Bylaws* of the Athletic Association, consist of nineteen members comprised of the University's faculty representative and alternate faculty representative to the Intercollegiate Conference of Faculty Representatives (*ex-officio*, with vote), eight faculty members, five alumni (including the chairman of the University's Alumni Association), two students, the vice chancellor for administrative affairs (*ex-officio*, without vote), and the university comptroller or designee (*ex-officio*, without vote). Terms are staggered so that each year two faculty members, one alumnus, and one student are proposed for membership. The faculty members and the alumnus are proposed for four-year terms; the student member, for a two-year term.

A slate of faculty and student nominations is provided by the Urbana-Champaign Senate, and a slate of alumni is nominated by the Urbana-Champaign Council of the Alumni Association. The chancellor at Urbana-Champaign, in turn, reviews the nominees and presents a list of candidates for consideration by the president of the University and the Board of Trustees.

LUNCHEON, UNIVERSITY SENATES CONFERENCE

The luncheon honored members of the University Senates Conference, the faculty body which serves in an advisory capacity to the Board of Trustees and to the president of the University. Following the luncheon, the current chairman of the conference, Dr. Elmer B. Hadley, professor of biological sciences at the Chicago campus, presented the following remarks.

The conference wishes to express its appreciation to the board both for the confidence that the board displayed in giving the conference total responsibility for the February retreat on "University Responses to Public Policy Issues" and for this opportunity to informally report on our reflections concerning that retreat.

The conference is aware that isolated complaints have been raised from various perspectives concerning the retreat, and we have tried to analyze those complaints carefully. On balance, we believe that the University community has gained greatly in many different dimensions from the retreat experience. These gains include a general raising of the consciousness level of the University community concerning these important, highly complex issues. As a community, we are now more aware of the reasons and presuppositions underlying the various positions that have been taken on those issues as well as the difficulties encountered in discussing and dealing with complex issues when positions are strongly held and based on moral commitments.

After careful consideration, the conference believes that the retreat was a success and that that success flowed in large measure from four key decisions: the board's decision to turn in a formal manner to the University community for discussion and guidance in informing its deliberations; the conference's decision to use the normal governance channels of the University in the selection of participants; the conference's decision to cast the discussions in broader terms than just the divestiture question and to use a problem-solving rather than an adversarial format; and the conference's decision to assemble an appropriate mix of Board of Trustee members, administrators, faculty, and students for the structured discussions.

Candidly, the retreat represented a tremendous investment of time on the part of the conference and others, including Earl Porter's people, and this commitment came on top of already heavy schedules. Yet, in spite of the heavy investment required, we believe that the University community was well served by the retreat, the investment was well worth the effort, and the retreat format will serve as a useful model if needed in the future.

President Ikenberry spoke briefly, commenting on the regular meetings, held by the president and staff members with the Senates Conference and the variety and significance of problems on the agenda. He expressed especial appreciation to the conference for the planning and effort devoted to the recent retreat, arranged by the conference at the request of the Board of Trustees.