MEETING OF THE BOARD OF TRUSTEES

UNIVERSITY OF ILLINOIS

March 19, 1981



The March meeting of the Board of Trustees of the University of Illinois was held in Room 509-10, Chicago Circle Center, Chicago Circle campus, Chicago, Illinois, on Thursday, March 19, 1981, beginning at 8:30 a.m.

President Paul Stone called the meeting to order and asked the assistant secretary to call the roll. The following members of the board were present: Mrs. Galey S. Day, Dr. Edmund R. Donoghue, Mr. William D. Forsyth, Jr., Mr. George W. Howard III, Mr. Dean E. Madden, Mr. Earl Langdon Neal, Mrs. Nina T. Shepherd, Mr. Paul Stone. The following members of the board were absent: Mr. Ralph C. Hahn, Governor James R. Thompson. The following nonvoting student trustees were present: Mr. Joseph P. Maltese, Chicago Circle campus; Mr. Gregory J. Peterson, Urbana-Champaign campus; Mr. David I. Silverman, Medical Center campus.

Also present were President Stanley O. Ikenberry; Dr. Peter E. Yankwich, vice president for academic affairs; Dr. Joseph S. Begando, chancellor, Medical Center campus; Dr. John E. Cribbet, chancellor, Urbana-Champaign campus; Dr. Donald H. Riddle, chancellor, Chicago Circle campus; and the officers of the board, Dr. Ronald W. Brady, comptroller (and executive vice president of the University); Mr. James J. Costello, university counsel; and Mr. R. C. Wicklund, assistant secretary. President Stone announced that an executive session was requested and ordered for consideration of pending litigation.

EXECUTIVE SESSION

The board considered the following item of business.

Settlement of Alice Martin Litigation (Medical Center)

(1) The University and five physicians on its staff have been named as defendants in a suit initiated on behalf of Alice Martin, a minor, seeking recovery for damages for alleged malpractice in connection with her birth at the University of Illinois Hospital in February 1974 (*Alice Martin, et al. v. Reed, et al.*, Circuit Court of Cook County, Case No. 79 L 342). The case was reviewed and discussed by the board at its November 1980 and January 1981 meetings.

The plaintiff has suffered severe brain damage and, while there is some evidence that the damage may have occurred prior to the incident at the University of Illinois Hospital, there is a distinct possibility that a jury may determine otherwise. The estimated verdict range, if liability is found, is between \$2,000,000 and \$3,000,000. The University's self-insurance plan did not become effective until August 1, 1976, and does not apply to this transaction. At the time of the incident the University carried commercial insurance with a limit of \$500,000 per occurrence.

The university counsel has addressed a March 17, 1981, confidential memorandum to the members of the Board of Trustees and to the president of the University, a copy of which has been filed with the secretary for record, outlining developments in the case and the status of settlement negotiations. He has recommended that under the special circumstances of the matter, the uncertainties of the litigation, the complex legal issues involved, the expense incident to further proceedings, and the advantages in maintaining employee morale and retention, authority be given for the University to contribute up to \$250,000 in settlement of the litigation. The University's insurance carrier would contribute not less than \$500,000. The executive vice president joins in such recommendation.

Funds are available in the Hospital Income Account.

I concur.

The university counsel commented on prospects for settlement of the "Martin v. Reed" litigation as set forth in this memorandum and in a previous memorandum mailed to the trustees. (A copy is filed with the secretary for record.)

On motion of Mr. Howard, the authority for settlement requested in this memorandum was approved by the following vote: Aye, Mrs. Day, Dr. Donoghue, Mr. Forsyth, Mr. Howard, Mr. Madden, Mr. Neal, Mrs. Shepherd, Mr. Stone; no, none; absent, Mr. Hahn, Governor Thompson.

(The student advisory vote was: Aye, Mr. Maltese, Mr. Peterson, Mr. Silverman; no, none.)

EXECUTIVE SESSION ADJOURNED FOR COMMITTEE MEETING

Mr. Stone announced that the executive session would be adjourned for a meeting of the Buildings and Grounds Committee.

The Board of Trustees' regular meeting reconvened at 10 a.m.

MINUTES APPROVED

The assistant secretary presented for approval the press proof of the minutes of the Board of Trustees meeting of October 16, 1980, copies of which had previously been sent to the board.

On motion of Mr. Forsyth, these minutes were approved as printed on pages 85 to 107 inclusive.

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 He also introduced Professor Karl F. Otto, Jr., chairperson of the Chicago Circle Senate Council, who made a brief report to the trustees on the activities of that senate during this academic year.

President's Reports

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

The president reported to the trustees on the status of the budget for the coming year. He stated that the appropriations bills will probably move rapidly this year. His testimony before legislators dealt with compensation, both as a matter of principle and as a practical means of recruitment and retention, the effect of differential tuition, and the reduction of federal funding including Area Health Education Services.

He then read to the trustees a letter he had sent to the chancellors and other general officers concerning steps to be taken to monitor employment levels as part of a program of internal economies. The text of the letter follows:

As you are aware, both the initial BHE budget recommendations (BHE I) and the BHE recommendations in response to the Governor's Budget (BHE II) gave high priority to compensation along with the expectation that the University would generate a portion of the monies required to achieve the recommended increases. This would be done through such strategies of internal economies judged best by the institutions. In the case of "BHE I," the expectation was for .5 percent. In "BHE II," it was for 1.5 percent.

While the final determination of the budget for 1981-82 remains to be resolved, it is apparent that prudent preparatory steps need to be taken now.

I am asking that each campus and the general university implement, effective today, procedures to monitor employment levels. I am asking also that there be no *net* increase in the number of personnel paid from State funds across the University. Further, and in accord with the priority assigned to move compensation to more competitive levels, we should plan for a careful and gradual decrease of at least one percent in overall employment levels during the next twelve to sixteen months. This should be accomplished, in general, by careful oversight of natural vacancy

¹ University Senates Conference: Robert L. Hall, professor of sociology, Chicago Circle; Chicago Circle Senate: Frank Tachau, professor and chairperson of the Department of Political Science; Mary E. Bevis, assistant dean for graduate studies in the College of Nursing and associate professor of general nursing; Urbana-Champaign Senate Council: H. George Friedman, Jr., associate professor of computer science.

occurrences, deferred replacement of vacant positions, and, where possible, the collapse of positions vacated by reason of retirement or resignation.

The resulting savings may be used, in accord with University guidelines and policy, to improve compensation levels for continuing employees and, with specific approval, to meet other needs including strains in operating and equipment funds.

With these steps, we should be in a strengthened position to sustain the basic quality of our academic programs, maintain appropriate balance between personnel and nonpersonnel expenditures, sustain our commitment to more competitive compensation levels, and cope with the substantial and likely continuing fiscal uncertainties.

The president reported that copies of the report of the Committee to Study the Consolidation of the Chicago campuses were expected to be available in a few days for distribution to the trustees and others.

OLD AND NEW BUSINESS

The board considered a request, mailed to all trustees, from the Champaign-Urbana Coalition Against Apartheid to appear before the board at its April meeting to discuss University investment policies related to South Africa. Mr. Forsyth moved that the secretary inform the coalition that in view of the fact that hearings on this subject were conducted recently and that there have been no significant developments since that time, no hearing would be scheduled.

Mr. Neal commented that any response to the points raised by the coalition should come from the Finance Committee.

The board voted approval of Mr. Forsyth's motion.

REGULAR AGENDA

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

Budgets for 1981 Summer Sessions, Chicago Circle and Urbana-Champaign

(2) The chancellors at the Chicago Circle and Urbana-Champaign campuses have recommended budgets and appointments to the faculty for the 1981 summer sessions. (Copies of these documents have been filed with the secretary of the board for record.)

The distribution of the budgeted funds is as follows:

| Ur | bana-Champaign | Chicago Circle | Total |
|----------|--------------------------|--------------------------|-------------|
| Salaries | \$1 966 174 | \$1 068 195 | \$3 034 369 |
| Reserve | 11 483 | 22 829 | 34 312 |
| | \$1 977 657 ¹ | \$1 091 024 ³ | \$3 068 681 |

The projected enrollment for 1981 and corresponding figures for 1980 are as follows (head count):

¹ The total budget for Urbana-Champaign for 1980 was \$1,917,657. ² The total budget for Chicago Circle for 1980 was \$1,000,939.

| | Actual | Projected Decrease % of Decrease |
|------------------|--------|--------------------------------------|
| | 1980 | 1981 or Increase or Increase |
| Urbana-Champaign | | |
| Undergraduate | 5 089 | 5 089 0 0 |
| Professional | 222 | 222 0 0 |
| Graduate | 5 261 | 5 261 0 0 |
| Total | 10 572 | 10 572 0 0 |
| Chicago Circle | | |
| Undergraduate | 5 915 | 5 200 -715 -12 % |
| Graduate | 1 592 | 1 500 - 92 - 5.8 |
| Total | 7 507 | <u>6 700</u> <u>807</u> <u>10.7%</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.

There is no summer budget for the Medical Center. All colleges and schools at that campus will utilize faculty members on twelve-month service contracts for the educational programs offered in the 1981 summer quarter.

With the concurrence of the vice president for academic affairs and the executive vice president, 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 1981 summer sessions within the total allocation of funds indicated.

On motion of Dr. Donoghue, these appointments and the summer session budgets for the Chicago Circle and Urbana-Champaign campuses for 1981 were approved, and authority was given as requested; this action was taken by the following vote: Aye, Mrs. Day, Dr. Donoghue, Mr. Forsyth, Mr. Howard, Mr. Madden, Mr. Neal, Mrs. Shepherd, Mr. Stone; no, none; absent, Mr. Hahn, Governor Thompson.

(The student advisory vote was: Aye, Mr. Maltese, Mr. Peterson, Mr. Silverman; no, none.)

By consensus, the board agreed that one vote would be taken and considered the vote on each agenda item nos. 3 through 25 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

(3) The Committee on Accountancy recommends that the certificate of certified public acountant be awarded under Section 5 of the Illinois Accountancy Act of 1943, as amended, to thirteen candidates who have presented evidence that they are holders of valid and unrevoked certified public accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law. The names of the candidates are filed with the secretary.

I concur in this recommendation.

On motion of Dr. Donoghue, these certificates were awarded.

Appointments and Reappointments to the Board of Directors of the Athletic Association of the University of Illinois at Urbana-Champaign

(4) On recommendation of the chancellor at the Urbana-Champaign campus, I submit herewith nominations for appointment and reappointment to the board of directors of the Athletic Association of the University of Illinois at Urbana-Champaign,¹ to become effective at the 1981 annual meeting of the board of directors and to continue until its 1982 annual meeting or until the successors of these directors have been appointed.

Two new appointments from the faculty and two new appointments from the Alumni Association are being recommended. All others are recommended for reappointment.

New Appointments

From the Faculty

- PHILIP E. FESS, professor of accountancy and Arthur Andersen Alumni Professor of Accountancy. Professor Fess has been a member of the faculty for twenty-one years. He received his Ph.D. from the University of Illinois College of Commerce and Business Administration in 1960. He has been a member of the Alumni Association board and treasurer of the association for fifteen years. He was associate dean of the College of Commerce and Business Administration 1978-1980 and is the only nonpracticing member of the Auditing Standards Board of the American Institute of Certified Public Accountants. Professor Fess is the author of a major textbook in accountancy and author of numerous other professional books and journal articles. He will serve on the board in place of Professor James W. Bayne.
- JOHN E. NOWAK, professor of law. Professor Nowak has been a member of the faculty for nine years. He is a 1971 graduate of the University of Illinois College of Law and was editor of the *Law Forum*. He was a clerk for former Illinois Supreme Court Justice Walter V. Schaefer, is coauthor of a leading textbook on constitutional law, and author of numerous law review articles. Professor Nowak is chairman of the Association of American Law Schools' Section on Constitutional Law. He will serve on the board in place of Professor John P. Hummel.

Reappointments

- RICHARD K. BARKSDALE, professor of English and associate dean of the Graduate College. Professor Barksdale has been a member of the faculty for nine years. (He has served on the board since 1979.)
- WILLIAM A. FERGUSON, associate professor of mathematics, executive secretary of the Department of Mathematics, and faculty representative to the Big Ten. Professor Ferguson has been a member of the faculty for twenty years. (He has served on the board since 1976.)
- CHARLES H. HENDERSON, professor of social work. Professor Henderson has been a member of the faculty for twelve years. (He has served on the board since 1978.)
- MARIA KEEN, assistant professor of English as a Second Language. Professor Keen has been a member of the faculty for thirty-three years. (She has served on the board since 1979.)
- EMILY S. WATTS, professor of English. Professor Watts has been a member of the faculty for seventeen years. (She has served on the board since 1977.)

New Appointments From the Alumni Association

RUTH R. JOHNSON, class of 1942, homemaker and former school teacher, Arlington

¹ The government of the Athletic Association, as established in its articles of incorporation, is vested in a board of thirteen directors, seven of whom must be from the faculty and six graduates of the University of Illinois at Urbana-Champaign who are members of the Alumni Association. These directors are elected by the Board of Trustees of the University upon recommendation of the chancellor at Urbana-Champaign and the president of the University. Appointments are for one year.

Heights, Illinois. Mrs. Johnson serves as vice chairman of the Alumni Association board and is expected to become chairman of the board on May 16, 1981. She will be the second woman elected to lead the association. She has taught school in Serena and Pekin, Illinois. She will serve on the board in place of Mr. Robert D. Heath.

RUSSELL W. STEGER, class of 1950, general agent for New England Mutual Life, Chicago, Illinois. Mr. Steger is a former trustee of the University of Illinois and a member of the University of Illinois Foundation and the President's Council. He has served on the Illinois Youth Commission by appointment of Governor Stratton and much of his civic activity has been in youth work. In 1978 he received the Distinguished American Award from the Chicago chapter of the National Football Foundation and Hall of Fame. Mr. Steger lettered four years in both football and baseball at Illinois and was an All-American in both. He won the Big Ten medal for scholarship and athletic achievement. Mr. Steger was a member of the committee for the Memorial Stadium Golden Anniversary Fund Campaign. He will serve on the board in place of Mr. Clark Root.

Reappointments

- WILLIAM T. CAMERON, class of 1929, former vice-president of Northern Trust Company, Chicago, Illinois. Mr. Cameron has served on Republican trustee selection committees, is a member of board of grand trustees of Sigma Chi Fraternity, and on the board of the College of Commerce and Business Administration Alumni Association. (He has served on the board since 1978.)
- JOSEPHINE T. MANCUSO, Ph.D., 1972, chairman of the Department of Health and Physical Education at Lyons Township High School. She has taught in high schools in Illinois, Colorado, and Iowa and is active in physical education and girls' athletic organizations on the state, regional, and national levels. (She has served on the board since 1978.)
- ROGER POCUE, Class of 1941, owner of Mavis-Pogue Lumber Company, Decatur, Illinois. Mr. Pogue is a former president of the Alumni Association and a former trustee of the University of Illinois. He has served on the Alumni Association's board of directors and executive committee. He was chairman of the Alumni Association's awards committee for nine years and is a member of the University of Illinois Foundation's President's Council. (He has served on the board since 1979.)
- WILLARD THOMSON, class of 1956, president of Dixline Corporation, a casket hardware manufacturing business in Galva. He is active in the Grants-in-Aid program and has been one of the primary organizers of golf outings in Kewanee for many years. He is a member of the University of Illinois Foundation's President's Council. (He has served on the board since 1979.)

On motion of Dr. Donoghue, these appointments were approved. (Mr. Peterson asked to be recorded as casting a negative advisory vote.)

Head, Department of Architecture, Urbana

(5) The dean of the College of Fine and Applied Arts has recommended to the chancellor at Urbana-Champaign the appointment of R. Alan Forrester, presently professor and head of the Department of Architecture at the University of Manitoba, as professor of architecture on indefinite tenure and head of the department beginning August 21, 1981, on a twelve-month service basis, at an annual salary of \$52,000.

Mr. Forrester will succeed Professor Richard L. Tavis who has been acting head since August 21, 1980, when Professor Gar Day Ding asked to be relieved of this administrative assignment. The nomination was made with the advice of a search committee' and after consultation with faculty members of the department. The chancellor and the vice president for academic affairs concur.

I recommend approval.

On motion of Dr. Donoghue, this appointment was approved.

Appointments to the Faculty

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

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

A — Indefinite tenure

- N Term appointment, not eligible to be appointed for an indefinite term and not credited toward probationary period
- Q Initial term appointment for a professor or associate professor
- 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

- 1. JANE A. ARMSTRONG, applied life studies librarian and assistant professor of library administration, beginning February 15, 1981 (NY), at an annual salary of \$18,000.
- 2. PHILIP B. CARTER, associate professor of veterinary pathobiology and hygiene, 75 percent time, and associate professor in the Center for Zoonoses Research, 25 percent time, February 1, 1981-August 20, 1984 (QY), at an annual salary of \$33,500.
- 3. GERALD F. DEJONG II, assistant professor of electrical engineering, on 75 percent time, and research assistant professor in the Coordinated Science Laboratory, on 25 percent time, beginning January 6, 1981 (N), at an annual salary of \$26,000.
- 4. KAREN S. HREHA, assistant professor of accountancy, beginning January 6, 1981 (1), at an annual salary of \$26,000.

Medical Center

- 5. JUDITH A. COOKSEY, clinical assistant professor of medicine, ALSM, 50 percent time, beginning February 1, 1981 (NY50), at an annual salary of \$22,500.
- 6. JAMES A. PIROLLI, assistant professor of prosthodontics, 50 percent time, beginning February 1, 1981 (NY50), at an annual salary of \$11,000.

¹Richard L. Tavis, professor of architecture and acting head of the department, *chairman*; Slobodan V. Curcic, associate professor of architecture; L. Thomas Fredrickson, professor of music; Mark P. Hahn, undergraduate student; Walter H. Lewis, professor of architecture; Mary E. Permar, graduate student; John G. Replinger, professor of architecture and in the Graduate Program in Housing Research and Development; Robert B. Riley, professor of architecture; David Wickersheimer, associate professor of architecture.

Chicago Circle

7. FRANCIS J. IMMLER, bibliographer for the humanities with rank of assistant professor, Library, beginning February 2, 1981 (NY), at an annual salary of \$19,000.

Administrative Staff

- 8. RAYMOND F. BORELLI, assistant to head of Department of Physics, Urbana, beginning February 1, 1981 (NY), at an annual salary of \$38,600.
- 9. EDWARD J. KUZIEL, director of technical services, Department of Chemistry, Chicago Circle, beginning January 1, 1981 (NY), at an annual salary of \$31,000.
- 10. LLOYD J. MITCHELL, assistant director of business affairs, Chicago Circle, beginning January 21, 1981 (NY), at an annual salary of \$31,500.
- 11. EDWARD SIMONCELLI, assistant director of business affairs, Chicago Circle, beginning January 21, 1981 (NY), at an annual salary of \$30,000.
- JUDITH Y. STINSON, director of school and college relations, Office of the Chancellor, Chicago Circle, beginning February 23, 1981 (NY), at an annual salary of \$31,000.

On motion of Dr. Donoghue, these appointments were confirmed.

Sabbatical Leaves of Absence, 1981-82

(7) 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, and the vice president for academic affairs has reviewed the applications for the leaves and recommends approval of 65 leaves for Chicago Circle, 10 leaves for Medical Center, 196 leaves for Urbana-Champaign, and 1 leave for General University. (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 1980-81, 73 leaves were taken at Chicago Circle, 6 leaves were taken at the Medical Center, and 157 leaves were taken at Urbana-Champaign.)

I concur.

On motion of Dr. Donoghue, these leaves were granted as recommended.

Appointments to the Center for Advanced Study, Urbana

(8) On recommendation of the director of the Center for Advanced Study, and with the concurrence of the dean of the Graduate College, the chancellor at Urbana-Champaign has recommended the following appointments of associates in the Center for Advanced Study for the academic year 1981-82 and for the program of research or study as indicated in each case.

Associates¹

BERNARD BENSTOCK, professor of English and of comparative literature and director of the Program in Comparative Literature, for one semester, to study the causes

¹ Associates are selected in annual competition from the academic staff of all departments and colleges to carry out self-initiated programs of scholarly research or professional activity. The Center is able to contribute only a modest fraction of the salary funds necessary to replace Associates in their regular duties; thus the appointment of associates is possible due to the cooperation of the departments with which they are affiliated.

and motives underlying the political stance of writers in the 1930s with emphasis on British and French authors.

- LLOYD E. EASTMAN, professor of history, for the academic year, to examine the causes of the deterioration and collapse of the Chinese Nationalist government, 1937-1949.
- THOMAS G. EBREY, professor of biophysics, for one semester, to conduct laboratory experiments on the relationship of light energy transduction to vision.
- BOB I. EISENSTEIN, professor of physics, for the academic year, to study the properties of new particles produced in colliding beam reactions.
- PHILIPP FEHL, professor of art, for one semester, to study tomb sculpture in St. Peter's, Rome, as it relates to funerary practice and mourning.
- MAURICE FRIEDBERG, professor of Russian literature and head of the Department of Slavic Languages and Literatures, for one semester, to produce a book-length manuscript on the theory and practice of literary translation in Russia from its beginnings in the 18th century to the present.
- PHILLIP A. GRIFFITH, professor of mathematics, for the academic year, to continue research on central problems in algebraic theory.
- ROGER E. KANET, professor of political science, for the academic year, to examine the character of the emerging relationships between sub-Saharan Africa and the Soviet Union and its allies.
- JOHN W. LOY, JR., professor of physical education, for two semesters, to make a comparative analysis of character, social structure, and expressive culture among warrior aristocracies.
- DOUGLAS L. MEDIN, associate professor of psychology, for the academic year, to study the relationship between cognitive processes and medical diagnosis and disease classification.
- ALBERTO PORQUERAS-MAYO, professor of Spanish, for one semester, to complete a critical study of Luis Alfonso de Caravallo's *Swan of Apolo*, an important seventeenth-century text on poetic theory.
- DEREK J. ROBINSON, professor of mathematics, for the academic year, to examine the mathematical relation between the structure of various infinite groups.
- SONYA B. SALAMON, associate professor of family relationships and acting head of the Department of Human Development and Family Ecology, for six months, to prepare a monograph on familial and ethnic factors in farming among prairie farmers.
- PAUL W. SCHROEDER, professor of history, for one semester, to continue research for a history of European international relations from 1789-1848.
- DANIEL L. SLOTNICK, professor of computer science, for the academic year, to begin the development of a computer system capable of designing other systems to solve specific problems.
- GAISI TAKEUTI, professor of mathematics, for the academic year, to continue research on mathematical logic and its application to mathematics.
- EDWARD W. Voss, JR., professor of microbiology, for one semester, to analyze the structural and genetic basis of high affinity in antibodies, an important problem in immunology.
- RICHARD P. WHEELER, associate professor of English, for one semester, to complete a book manuscript about the development of English Renaissance drama, and of Shakespeare's drama in particular, begun by the late C. L. Barber, the preeminent Shakespeare critic of the twentieth century.

The chancellor at Urbana has also recommended the appointment of the following two faculty members as Beckman Associates, named for the donor of a gift which permits additional recognition for outstanding younger associate candidates who have already made distinctive scholarly contributions.¹

¹ As part of the "Campaign for Illinois," Mr. Arnold Beckman, chairman of the board of Beckman Instruments, Inc., and Mrs. Beckman provided a challenge gift of \$5 million for the Graduate Research Board to be matched with subsequent gifts from other donors.

Beckman Associates

CHESTER S. GARDNER, associate professor of electrical engineering, for the academic year, to carry out theoretical investigations of the use of laser systems as satellite altimeters.

ALVIN E. ROTH, professor of economics and of business administration, for the academic year, to study several issues in the foundations of game theory, in particular the nature of risk and information in bargaining.

The vice president for academic affairs concurs. I recommend approval.

On motion of Dr. Donoghue, these appointments were approved.

Undergraduate Instructional Awards for the Summer of 1981, Urbana

(9) The Undergraduate Instructional Awards program at the Urbana-Champaign campus seeks to encourage faculty in the improvement of the quality 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 department, school, and college levels before being evaluated 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 to the chancellor the following awards, all for two months, for the summer of 1981:

| | Sa | lary | Exf | ense | To | tal |
|---|-------------|------|-----|--------------------------|----------|-------------|
| JACK A. ADAMS, professor of psychology ROBERT H. BECK, ³ assistant professor of soil science in agronomy | \$ 8 | 563 | 1 | 20 0 833 | \$8 6 | 763 833 |
| RICHARD J. BOLAND, JR., assistant professor of accountancy | 6 | 734 | | | 6 | 734 |
| CLIFFORD G. CHRISTIANS, associate professor of journalism and research associate pro- fessor in the Institute of Communications Research | - | 109 | | | 5 | 109 |
| LARRY L. DORNHOFF, associate professor of | 5 | 112 | | | 5 | 112 |
| mathematics WILLIAM B. JOHNSON, ¹ assistant professor in the Institute of Aviation, research assistant professor in the Coordinated Science Laboratory, and assistant professor of vocational and technical education | 2 | | 3 | 090 | 3 | 090 |
| LORETTA L. JONES, ² visiting assistant professor | 3 | 156 | 3 | 869) | | |
| of chemistry MARY M. ULRICH, ² visiting assistant professor of chemical sciences | 3 | 222 | | } | 10 | 247 |
| GEORGE H. KIEFFER, associate professor of ecol- ogy, ethology, and evolution | - 5 | 303 | 3 | 7 00 [′] | 9 | 003 |
| JULIET E. K. WALKER, assistant professor of history | 4 | 640 | | 100 | 4 | 74 0 |

¹ He has a twelve-month appointment.

² She will be on the faculty in 1981-82.

Funds for these awards will be included in the Urbana-Champaign campus operating budget authorization request for Fiscal Year 1982 to be submitted to the Board of Trustees. 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 Dr. Donoghue, these recommendations were approved.

Honorary Degrees, Medical Center

(10) The senate at the Medical Center campus has recommended that honorary degrees be conferred on the following persons at the Commencement Exercises on June 12, 1981:

SEYMOUR S. KETY, M.D., professor of psychiatry, Harvard Medical School, and director of Laboratories for Psychiatric Research, Mailman Research Center, McLean Hospital — the degree of Doctor of Science.

LORENZ E. ZIMMERMAN, M.D., chairman, Department of Ophthalmic Pathology, Armed Forces Institute of Pathology, Walter Reed Army Medical Center — the degree of Doctor of Science.

The chancellor concurs in the recommendations of the Medical Center Senate. I recommend approval.

On motion of Dr. Donoghue, these degrees were authorized as recommended.

Honorary Degrees, Urbana

(11) The senate of the Urbana-Champaign campus has recommended that honorary degrees be conferred on the following persons at the Commencement Exercises on May 17, 1981:

JOSEPH L. DOOB, mathematician, educator, recipient of National Medal of Science — the degree of Doctor of Science.

ALBERT E. JENNER, JR., attorney, author --- the degree of Doctor of Laws.

GEORGE KATONA,¹ social scientist, educator, author --- the degree of Doctor of Letters.

JOHN HENRY SINFELT, chemist, recipient of National Medal of Science — the degree of Doctor of Science.

The chancellor concurs in the recommendations of the Urbana-Champaign Senate.

I recommend approval.

On motion of Dr. Donoghue, these degrees were authorized as recommended.

Change in Refund Date for Advance Deposit on Tuition and Fees for the College of Medicine, Medical Center

(12) On October 20, 1971, the board approved an increase in the advance deposit of applicants seeking admission to the College of Medicine from \$60 to \$100 with the understanding that the college would give full refund prior to March 1 to the applicant who decides not to enroll after payment of the advance deposit and would refund 50 percent of the advance deposit after March 1.

The chancellor at the Medical Center requests that the date for refund of the full \$100 deposit for the College of Medicine be changed from March 1 to June 15 and that after June 15, 50 percent of the deposit be refunded if the applicant notifies the college prior to registration.

¹ Dr. Katona was unable to be present due to illness, and therefore the degree was not conferred.

The change in date is requested so that the campus policy will be consistent with the national policy recommended by the Association of American Medical Colleges. The executive vice president concurs.

I recommend approval.

On motion of Dr. Donoghue, this recommendation was approved.

Student Fees, All Campuses (Student Services, Health Services, Health Insurance)

(13) The chancellors have recommended selected increases in fees which support auxiliary operations and student activities, student health services, and the student health insurance program.

Student Service Fee

The student service fee at Urbana-Champaign provides for the cost of salaries, utilities, debt service, maintenance, and related expenses for services and programs at the Assembly Hall, Illini Union, Intramural-Physical Education Building, and Student Services Building.

At the Medical Center, the student service fee supports the operation at the Chicago Illini Union, debt service requirements, student programs, student-related expenses in the Union-Residence Hall complex, campus recreation, and student government. Another component of the fee which is included for the first time is support for the operation of the new union addition. Both the Executive Student Council and the Chicago Illini Union Board have endorsed the fee increase for this facility.

The student service fee at Chicago Circle supports the cost of student activities, intramural sports and recreation, intercollegiate athletics, the Chicago Circle Center, debt service requirements, and — as distinct from the other two campuses — the health service. Beyond providing for inflationary increases, the fee level recommended for 1981-82 will provide funds to enhance intercollegiate athletics and other student activities, in addition to improving working capital by \$100,000 at the Chicago Circle campus.

Health Service Fee

The health service fee at Urbana-Champaign supports the on-campus health services for students at McKinley Hospital and Health Center. This fee also provides funds for debt service and maintenance costs for the McKinley complex.

The health service fee at the Medical Center supports the costs associated with on-campus health services for students. In addition, funds generated by this fee are used in part to reimburse the University of Illinois Hospital and Clinics for the direct costs of laboratory work and clinic referrals.

While the costs to support student health services at Chicago Circle are assigned to the student service fee, the campus assesses a separate pharmacy fee to meet the costs of medicine and drugs for students for prescriptions written by the campus health service.

Student Health Insurance Fee

At each of the campuses, the student health insurance fee covers the cost of premiums paid to the insurance company and the cost of administering the program. Substantial increases in this fee for 1981-82 are due to poor claim experience, increasing costs associated with health care in general, and the fact that no increase in the premium has occurred for two years.

The following tables present current and proposed fee levels for the programs described above:

BOARD OF TRUSTEES

Probotad

Urbana-Champaign (per semester)

| (per semester) | | | |
|---------------------------|------|---------|---------|
| | | 1980-81 | 1981-82 |
| Student service fee | | | \$ 92 |
| Health service fee | | | 44 |
| Health insurance fee | | | 27 |
| | | \$151 | \$163 |
| Proposed dollar increase: | \$12 | | |

| | | | + |
|----------|--------------|----------|-------|
| Proposed | percentage i | ncrease: | 7.95% |

Medical Center

(per quarter)

| (per quarter) | | Proposed |
|--------------------------------|---------|----------------|
| | 1980-81 | 1981-82 |
| Student service fee | \$104 | \$144 * |
| Health service fee | | 22 |
| Health insurance fee | | 28 |
| | \$147 | \$194 |
| Proposed dollar increase: \$47 | | - |

| Proposed | percentage | increase: | 31.97% |
|----------|------------|-----------|--------|

* Includes \$25 increase to support the operations of the new union addition.

Chicago Circle

(per quarter)

| 1980-81 | 1981-82 |
|----------------------------------|---------|
| Student service fee \$ 70 | \$83 |
| Pharmacy fee | 2 |
| Health insurance fee 19 | 26 |
| \$ 91 | \$111 |
| D 111 . 000 | |

Proposed dollar increase: **\$**20 Proposed percentage increase: 21.98%

Note: 1. The fee levels displayed above apply to full-time students.

2. The rates shown for health insurance represent the student's portion only.

The executive vice president concurs with the fee levels proposed by the chancellors.

I recommend approval.

(For Illinois undergraduate students with financial need who hold full value Illinois State Scholarship Commission awards, the proposed fee increases will be covered by the Illinois State Scholarship Commission.)

On motion of Dr. Donoghue, these recommendations were approved.

Ray Morrison, representing the Urbana-Champaign campus Student Government Association, told the trustees that the association did not oppose the fee increase, but wanted an increase in services, more background information for the student fee advisory committee, increased availability of Illini Union meeting rooms, and more student seating at basketball games.

Rate Increases for University-Operated Housing Facilities, **Medical Center and Urbana-Champaign**

(14) The chancellors at the Medical Center and Urbana-Champaign campuses have

recommended rate increases for University-operated housing for the 1981-82 academic year. The rates proposed are required to meet the inflationary cost increases anticipated for utilities, food supplies, salaries, and general commodities in order to maintain services, to provide for debt service, and to provide for the Auxiliary Facilities System Repair and Replacement Reserve.

Medical Center

| | | Proposed |
|---|----------------|-------------------------|
| Housing 1,175 spaces | 1980-81 | 1981-82 |
| Student Residence Hall | | |
| Room | \$1 079 | \$1 282* |
| Board | 1 163 | 1 318 |
| Combined | \$2 242 | \$2 600 (academic year) |
| Proposed dollar increase: \$358 Proposed percentage increase: 15.97% | | |
| * Includes new security program costs. | | |
| Women's Residence Hall | | |
| Room | \$1 139 | \$1 338 * |
| Board | 1 163 | 1 318 |
| Combined | \$2 302 | \$2 656 (academic year) |
| Proposed dollar increase: \$354 Proposed percentage increase: 15.38% | | |

• Includes new security program costs.

(Women's residence hall is air-conditioned, therefore rates are higher than those for the Student residence hall.)

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Single Student Residence (monthly rates)

| Unit | 1980-81 | Pro p osed 1981-82 * | Dollar Increase | Percent Increase |
|-------------------------|---------|---------------------------------------|--------------------|---------------------|
| One bedroom apt. (2) | . \$340 | \$402 | \$62 | 18.2% |
| Two bedroom suite (2) | . 300 | 335 | 35 | 11.7 |
| Two bedroom apt. (3) | . 475 | 561 | 86 | 18.1 |
| Three bedroom suite (3) | . 430 | 480 | 50 | 11.6 |
| Four bedroom apt. (4) | . 635 | 752 | 117 | 18.4 |

* All rates include new security program costs.

- Note: 1. Apartments feature larger spaces than suites and include living rooms (which can be converted to bedroom space).
 - 2. The numbers in parentheses indicate the allowable unit occupancy.
 - 3. The difference in the proposed increase between apartments and suites derives from (1) a higher demand for apartments, (2) an analysis which shows apartment tenants receive more space per person but pay proportionately less and (3) the joint recommendation of the Student-Staff Advisory Committee to offset these factors through higher rate increases for the apartment units.

Urbana-Champaign

Undergraduate Housing (room and board, academic year) - 8,684 spaces

| | 1980-81 | Proposed 1981-82 | | Percent Increase |
|----------------------------|---------|---------------------|-----|--------------------------|
| Single Double Triple | 1 916 | | 296 | 15.63% 15.45 15.63 |

- Note: 1. Optional maid service will not be offered in 1981-82.
 - 2. Rates in newer halls with air conditioning will be \$80 more than those halls without it.
 - 3. Room-only rates were \$980 less than the above rates (which include meals) in 1980-81 and will be \$1,150 less than the above rates in 1981-82.
 - 4. The special assessment for Unit One at Allen Hall will be increased from \$60 to \$72 per student.
 - 5. The rates quoted do not include the \$8 Residence Hall Association dues.

Graduate Housing (room only, academic year) - 986 spaces

| Sherman Hall | 198 | 0-81 | | posed 31-82 | Dollar Increase | Percent Increase |
|-------------------------|-----|------|-----|----------------|--------------------|---------------------|
| Single | \$1 | 122 | \$1 | 300 | \$178 | 15.86% |
| Double | 1 | 072 | 1 | 24 0 | 168 | 15.67 |
| Daniels Hall | | | | | | |
| Single | \$1 | 002 | \$1 | 162 | \$16 0 | 15. 9 7 |
| Double | | 896 | 1 | 036 | 140 | 15.63 |
| Optional board contract | \$1 | 120 | \$1 | 320 | \$200 | 17.86 |
| | 70 | | | | | |

Cooperative Houses (academic year) - 73 spaces

| | 198 | | | | Dollar Increase | Percent Increase |
|---|-----|--------------|---|--------------|--------------------|---------------------|
| Alpha (room only) | \$ | 740 & 804 | • | 976 & 060 | \$236 & 256 | 31.89 & 31.84% |
| Gamma (room only) | | 740 | _ | 976 | 236 | 31.89 |
| Delta (room and board) French (room and board) | | | | 330 106 | 250 350 | 23.15 19.93 |

Note: Increases in the rates for cooperative houses reflect the need to provide substantially larger amounts of money for building maintenance.

Goodwin-Green Street Apartments (monthly rates)

| | | Proposed | Increases in | Other | Total | Percent |
|-----------------------|--------|----------|--------------|-----------|----------|----------|
| 1 | 980-81 | 1981-82 | Utilities* | Increases | Increase | Increase |
| 10 Sleeping rooms | \$128 | \$156 | \$11 | \$17 | \$28 | 21.9% |
| 131 Zero bedroom | 154 | 186 | 12 | 20 | 32 | 20.8 |
| 2 Zero w/dining | 159 | 192 | 12 | 21 | 33 | 20.8 |
| 55 One bedroom | 187 | 225 | 13 | 25 | 38 | 20.3 |
| 3 One bdrm. w/dining. | 192 | 231 | 13 | 26 | 39 | 20.3 |

* This is the final phase of a program to have residents of these facilities absorb in their rental rate the cost of their utilities. In former years charges for utilities were not made.

| Orchard Downs (monthly rates) | | | Pro | posed | Do | llar | Percent |
|-------------------------------|-----|-------|-----|-------|-----|-------|----------|
| | 198 | 80-81 | 19 | B1-82 | Inc | rease | Increase |
| 262 One bedroom | \$ | 160 | \$ | 181 | \$ | 21 | 13.13% |
| 262 Two bedroom | | 175 | • | 198 | • | 23 | 13.14 |
| 252 Two bedroom/UF | | 138 | | 156 | | 18 | 13.04 |
| | | | | | | | |

Percentage Increase: 13.1%

Race & Florida - 30 houses (monthly rates)

| | 1980- | | oposed 981-82 | Doll Incre | | Percent Increase |
|----------------------------|-------|---|------------------|---------------|----|---------------------|
| 2 Two bedroom | • | • | 276 | \$ 4 | | 18.97% |
| 19 Three bedroom | 29 | 8 | 354 | 5 | i6 | 18.79 |
| 9 Three bedroom w/study | 31 | 6 | 376 | 6 | 50 | 18.99 |
| Percentage Increase: 18.9% | | | | | | |

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Other Properties (monthly rates)

| | | Proposed | Dollar | Percent |
|-------------------------|-----------|-----------|----------|----------|
| | 1980-81 | 1981-82 | Increase | Increase |
| Various sizes and rates | \$210-338 | \$250-400 | \$40-62 | 19.05 & |
| | | | | 18.34% |

The rate increases proposed for each of the housing units at Urbana-Champaign include amounts sufficient to provide maximum contributions to the Repair and Replacement Reserve established through the Auxiliary Facilities System.

The rates currently in effect at the Urbana-Champaign campus compare favorably with those charged by the Big Ten universities. Given available information on increases projected at other Big Ten campuses next year, Urbana-Champaign rates should continue to approximate the midpoint of this range.

The executive vice president concurs in these recommendations.

I recommend approval.

On motion of Dr. Donoghue, these recommendations were approved.

Hank Kelly representing the Student Government Association and Willie Seid representing the Residence Hall Association (Urbana) spoke in favor of the proposed 1981-82 housing rates.

President's Report on Actions of the Senates

(15) The president reported on the following actions of the senates.

Change in Name, Department of Orthopaedic Surgery, The Abraham Lincoln School of Medicine, College of Medicine, Medical Center

The Medical Center Senate has approved a recommendation from the College of Medicine to change the name of the Department of Orthopaedic Surgery to the Department of Orthopaedics.¹

The proposed name better defines the functions of the department and follows a trend that is occurring nationally among such departments.

Change of Designation of Doctoral Program in Social Work, Chicago Circle and Urbana-Champaign

The senates at the Chicago Circle and Urbana-Champaign campuses have approved the redesignation of the Doctor of Social Work Degree as the Doctor of Philosophy Degree in Social Work¹ effective spring quarter 1981, Chicago Circle, and spring semester 1981, Urbana-Champaign. No other changes in the program are contemplated.

Within the last five years several schools have developed new clinical doctoral degrees in social work. These clinical degrees are practice rather than research focused and are uniformly designated as Doctor of Social Work. Several universities which formerly offered the Doctor of Social Work for a research-oriented course of study have changed the designation of their degree to the Doctor of Philosophy.

The basis for the doctoral program in social work at the University of Illinois is a commitment to traditional research, research methodology, and other scholarly activity. The Schools of Social Work at Chicago Circle and Urbana-Champaign wish to change the designation of their doctoral degrees to reflect more clearly their research orientation.

Revision of the Master of Arts in the Teaching of Spanish Degree, Urbana

The Urbana-Champaign Senate has approved a recommendation from the

¹ The new designation will be reported to the Illinois Board of Higher Education.

College of Liberal Arts and Sciences that the Master of Arts in the Teaching of Spanish degree program be revised.

The revised program will require nine units of course work as opposed to the current eight units. The expanded degree will require all students in the program to take courses in foreign language education, and the students will have the choice of specializing in Spanish literature, linguistics, or a combination of both. The lack of foreign language education courses and the restriction to the study of Spanish literature caused the degree to be little more than a weakened master's degree in literature. The revisions make the MATS more responsive to the needs of the students whose career interests combine both Hispanic studies and studies of the science and art of teaching.

Revision of Bachelor of Science in Architectural Studies Degree

The Urbana-Champaign Senate has approved a recommendation from the College of Fine and Applied Arts for a revision of the Bachelor of Science in Architectural Studies degree program.

The revised program will require a total of 127 hours of course work for graduation. Previously, 124 hours were required. The increase is due to a change in the general education and nonarchitecture course requirements from 56 hours to 59 hours. The three hour increase is reflected by an increase in the general and professional elective courses and by a shift to the teaching of art and design in separate courses. These changes increase the flexibility of the curriculum and release constraints on undergraduate art and design instruction brought about by the teaching of both disciplines in combined courses.

Teacher Education Minor in Women's Studies, Urbana

The Urbana-Champaign Senate has approved a recommendation from the College of Education for the establishment of a Teacher Education Minor in Women's Studies.

The new program will require two introductory Women's Studies courses totaling 6 hours plus 18 hours of Women's Studies electives to be chosen in consultation with the student's major adviser and the Office of Women's Studies. The purpose of the minor is to inform teacher education students about recent research on women with the expectation that such material would (1) strengthen existing courses by describing and explaining continuing changes in men's and women's social roles and (2) provide a basis for new courses at the secondary level.

This report was received for record.

Establishment of Benjamin J. Goldberg Professorship, College of Medicine, Medical Center

(16) On February 19, 1969, the Board of Trustees authorized the use of the Edward and Cookie Beck Fund and the Benjamin J. Goldberg Foundation Fund at the Medical Center campus. This gift from the Benjamin J. Goldberg Foundation is to be used for the following purposes:

- 1. To establish professorships, scholarships, and fellowships at institutions of learning for worthy and deserving students, without regard to sex, color, or creed;
- 2. To foster and encourage research in the fields of medicine, science, and art and for the purchase of necessary apparatus, books, equipment, or supplies for the same;
- 3. For the care, hospitalization, and assistance of such aged, sick, helpless, poor, or incompetent person or persons or child or children as merit and are in need of care, hospitalization, or assistance.

The Edward and Cookie Beck Fund and the Benjamin J. Goldberg Foundation Fund (presently valued at \$741,000) have been held as temporary endowments, pending final decision by the president as to their specific application.

The chancellor at the Medical Center campus now recommends that \$500,000 of the Edward and Cookie Beck Fund endowment be set aside as a temporary endowment fund to establish and support the Benjamin J. Goldberg Professorship in the College of Medicine. The income from this fund will furnish support for the salary of the person appointed as the Benjamin J. Goldberg Professor. A recommendation for the appointment will be made in accordance with the University's regular procedures.

The executive vice president and the vice president for academic affairs concur. I recommend approval.

On motion of Dr. Donoghue, this recommendation was approved.

Establishment of Advanced Environmental Control Technology Research Center, Urbana

(17) The Urbana-Champaign Senate has recommended the establishment of an Advanced Environmental Control Technology Research Center in the College of Engineering. It will be a multidisciplinary research unit which will address the technology associated with the control of environmental pollutants.

The work of the center will be funded by a \$1,946,103 Cooperative Agreement (contract) with the federal Environmental Protection Agency (EPA) over the period September 15, 1979, through January 14, 1983. At the expiration of this period, the center may apply to the EPA for an additional contract for support. State funds will not be used to fund the center.

There is a critical need for a comprehensive, long-term, fundamental research program if our nation is to enhance and maintain the quality of our natural resources, i.e., the air, the land, and the water. Through the years many research studies related to these areas have been conducted at UIUC. However, this research would be more productive and cost-effective if it were more closely integrated and coordinated to make full use of the expertise and facilities available at UIUC. The overall mission of the center will be to provide a stimulating climate for long-term fundamental research which will address the relevant problems associated with technology of environmental control.

The chancellor and the vice president for academic affairs concur with this 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 Dr. Donoghue, this recommendation was approved.

Recommendations of the University Patent Committee

(18) The University Patent Committee has submitted the following recommendations relating to discoveries and developments by staff members. Background material concerning these recommendations has been sent to the Committee on Patents of the Board of Trustees.

- 1. Reversible Vas Deferens Blocking Device Lourens J. D. Zaneveld, professor and acting head of the Department of Physiology and Biophysics; James W. Burns, research assistant in physiology and biophysics; and Stan A. Beyler, former research associate in physiology and biophysics, Medical Center, inventors; developed with support from the Program for Applied Research on Fertility Regulation at Northwestern University.
- 2. Anti-inflammatory Agents as Contraceptives --- Lourens J. D. Zaneveld, professor and acting head of the Department of Physiology and Biophysics; Cathy Joyce,

student in physiology and biophysics; and Jakkidi M. Reddy, former research assistant in physiology and biophysics, Medical Center, inventors; developed with support from the Program for Applied Research on Fertility Regulation at Northwestern University and the U.S. Department of Health and Human Services.

- 3. Aryl 4-guanidinobenzoates as Contraceptives Ludwig Bauer, professor of medicinal chemistry; Joanne Kaminski, research assistant in physiology and biophysics; and Lourens J. D. Zaneveld, professor and acting head of the Department of Physiology and Biophysics, Medical Center, inventors; developed with support from the Program for Applied Research on Fertility Regulation at Northwestern University and the U.S. Department of Health and Human Services.
- Affinity Chromatographic Media for Isolation of Bacterial Luciferase Thomas
 F. Holzman, graduate research assistant in biochemistry, and Thomas O.
 Baldwin, assistant professor of biochemistry, Urbana-Champaign, inventors; developed with support from the National Science Foundation.
- 5. Low-profile Electromagnetic Radiator Paul E. Mayes, professor of electrical engineering, Urbana-Champaign, inventor; developed with support from the Eileen S. Andrew Foundation.

University Patents, Inc., has reviewed these five disclosures and would like to commercialize the concepts. The University Patent Committee recommends that the rights of the University be transferred to the University of Illinois Foundation, subject to the rights of the sponsors, for commercialization.

6. Use of Cyclo (Leucylglycine) and Related Peptides — Hemendra N. Bhargava, associate professor of pharmacology in the Department of Pharmacognosy and Pharmacology, and Ronald F. Ritzmann, assistant professor of physiology and biophysics, Medical Center, inventors; developed with support from the U.S. Department of Health and Human Services and the State of Illinois Department of Mental Health and Developmental Disabilities.

University Patents, Inc., received negative responses from eight companies principally concerned with health problems who were advised of this technology. The University Patent Committee recommends that the University retain the right to make or use the concept for its own use and release all other rights to the sponsor, the U.S. Department of Health and Human Services.

I concur.

On motion of Dr. Donoghue, these recommendations were approved.

Proposed Agreement with Shell Development Company

(19) The Shell Development Company has proposed a research agreement with the University under which the company would receive a royalty-bearing nonexclusive license to any patentable discovery resulting from the research and, in addition, the right to negotiate for an exclusive license during a six month period from the filing date of a patent application. The subject of the investigation, to be carried out at the Urbana-Champaign campus, is a compound, polybutylene, for which the company now holds exclusive rights.

The proposed agreement would necessitate an exception to The General Rules Concerning University Organization and Procedure which provides:

(2) In the event the University or its transferee grants a nonexclusive license at any time, it shall so notify the sponsor, and for a period of ninety (90) days thereafter the sponsor shall have the option to obtain a nonexclusive license on terms not less favorable than those granted any other nonexclusive licensee prior to the exercise of such option.

In addition, under the proposed agreement, the company would have the right to file a patent application if the University decided not to file. This would eliminate the Board of Trustees' option to release the rights in the invention to the inventor. The University Patent Committee has reviewed the proposed exception contained in the patent clause of the agreement and recommends approval.

I concur.

On motion of Dr. Donoghue, this recommendation was approved.

Report of Finance Committee on Treasurer's Bond

(20) The Finance Committee reports that it has received from Bernard T. Wall, treasurer of the University of Illinois, a bond in the amount of \$6,000,000 with the Continental Casualty Company as surety.

The bond has been approved by the appropriate University officers. The Finance Committee has accepted the bond and reports its receipt for record.

This report was received for record.

Revision of Dollar Limits on Purchases, Leases, and Contracts Requiring Specific Board of Trustees Authorization

(21) From time to time the board has been asked to consider revisions of the dollar limits for specific transactions which require prior authorization by the trustees. The most recent change in dollar limit to \$15,000 and over for purchases, leases, and contracts was approved by the board in December of 1978.

The task of preparing the necessary documents to be ready for board meeting dates is substantial. The administrative cost is not insignificant. A revision to the dollar limits for transactions requiring prior Board of Trustees approval would provide for a greater flexibility at the operating level and increased efficiency.

Therefore, in accordance with Article II, Section 4, Paragraph (e) of The General Rules Concerning University Organization and Procedure, I recommend the following:

- 1. Specific prior authorization of the board is required for purchases, new leases, and contracts of \$25,000 and over (the present amount is \$15,000).
- 2. Purchases, new leases, and contracts involving payments in the range of \$20,000-\$24,999 be reported to the board (the present amount is \$12,500-\$14,999).

(During Fiscal Year 1980, 484 purchase transactions valued at over \$33 million were submitted to the board for approval. Nearly 40 percent of these transactions were below \$25,000 with a cumulative value of less than \$4 million.)

On motion of Dr. Donoghue, this revision was approved.

Underground Coal Lease, Hunter Farm No. 2, Sangamon County

(22) Hunter Farm No. 2 in Sangamon County near Williamsville, Illinois, containing 210.02 acres, is now used to provide income for agricultural scholarships.

The University has received an offer from the Mobil Coal Resources, Inc., a subsidiary of Mobil Oil Corporation, to enter into an underground coal lease on that property. The company has offered an advance royalty of \$294 per acre or a total of \$61,745.88. The earned royalty for the first fifteen years would be 3.5 percent of the average price per ton of coal mined. After the first fifteen years, the earned royalty would be 4.5 percent of the average price per ton of coal mined. The University would be credited according to the amount of coal mined when mining starts. The advance royalty is deductible from earned royalty amounts due.

The coal will be mined underground. A special clause would be included in the lease to protect the University against surface damage and subsidence and to require the lessee to comply with state and federal mining laws and regulations.

The dean of the College of Agriculture has recommended that the University enter into this agreement for an initial term of thirty years and for so long thereafter as mining operations are being conducted by or for the lessee there. The chancellor at Urbana-Champaign concurs in this recommendation and requests that the comptroller and the secretary be authorized to execute the lease as described.

The executive vice president recommends approval.

I concur.

On motion of Dr. Donoghue, this recommendation was approved and authority was given as recommended.

Oil and Gas Lease, Saline County

(23) The University owns a small experimental field near Raleigh, Illinois, in Saline County. The tract was a gift from community subscribers in 1909 and has been used by the College of Agriculture as an experimental tract for agronomic and forestry research. The tract of approximately fifteen acres appears to have potential for oil production.

Tri-Star Producing Co., Inc., Springfield, has offered a six-month oil and gas lease for the tract at \$30 per acre plus a \$1,000 location fee, payable prior to drilling. The lease provides for the company to pay the standard one-eighth royalty for oil or gas produced and to return the land to near present condition when it vacates the land.

The dean of the College of Agriculture has determined that the lease will not interfere with the present or anticipated use of the tract. All lease fees and any royalties received will be used in support of the agricultural operations activity. The chancellor at Urbana-Champaign recommends that the University enter into the lease as described. The executive vice president concurs.

I recommend approval.

On motion of Dr. Donoghue, this recommendation was approved.

Purchase of Computerized Integrated Administrative System by the Athletic Association, Urbana

(24) The Board of Directors of the Athletic Association of the University of Illinois at Urbana-Champaign in January 1981, approved the use of \$110,000 from the association's unappropriated surplus to purchase from Paciolan Systems, Inc., of California, a mini-computer and customized software systems for handling the functions of ticketing, grants-in-aid, accounting, and payroll. This amount will also cover the cost of initial installation and training.

This transaction for computer equipment is exempt from sealed bid requirements.

The chancellor at Urbana-Ghampaign has recommended approval of this transaction. The executive vice president concurs.

I recommend approval.

On motion of Dr. Donoghue, this recommendation was approved.

Contract for Electronic Scoreboard for Memorial Stadium, Urbana

(25) At its February 19, 1981, meeting, the Board of Trustees approved the solicitation of bid proposals to furnish and install in Memorial Stadium, at no direct cost to the University, an electronic scoreboard with provision for carrying advertising messages and displays. Bids have now been received which would allow the scoreboard to be installed and ready for use on or before August 19, 1981, one month prior to the first 1981 home football game.

Under the terms of the bid documents, the vendor would furnish and install the scoreboard and maintain it for a period of ten years. Title would pass to the University upon installation, but during the ten-year period the vendor may sell scoreboard messages and space for advertising. Not more than four illuminated panels, each with one advertiser, would be available for permanent advertising. Message advertisers on the display would be entitled to two thirty-second messages per advertiser per public event. The University would have the right to reject the vendor's use of any or all advertisers and/or advertising copy it deemed inappropriate. No other advertising would be allowed on the physical property within the seating/playing area during the ten-year period, except as is necessary for concessionaires to merchandise their products adequately. If within sixty days of the award of the contract the vendor should be unable to secure commitments from advertisers sufficient to underwrite the vendor's cost, the contract would be voided in the absence of mutual agreement for an extension.

Acceptable bid proposals were received from American Sign & Indicator Corporation, Spokane, Washington; White Way Sign & Maintenance Company, Chicago; and Daktronics, Inc., Brookings, South Dakota. Four other firms which were solicited did not respond. A schedule of the bids received has been filed with the secretary of the board for record.

The American Sign and Indicator Corporation's bid on Print #3-763ASI under which it would pay the University an annual amount of \$3,000 and provide 1,000 replacement lamps at no charge in addition to furnishing and installing the scoreboard and providing maintenance for ten years at no cost is considered the most advantageous to the University. (The annual payment and lamp replacement offers were provided for in the invitation to bid as "tie-breakers" in the event that two or more acceptable "no charge" offers were made.)

The executive vice president and the chancellor at the Urbana-Champaign campus have recommended that a contract with the American Sign & Indicator Corporation to provide the Print #3-763ASI scoreboard be approved on the terms outlined above.

I concur.

On motion of Dr. Donoghue, this recommendation was approved. (Mrs. Day and Mr. Forsyth asked to be recorded as voting no.)

By consensus, the board agreed that one roll call vote would be taken and considered the vote on each agenda item nos. 26 through 30 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 Remodeling in the Chicago Illini Union, Medical Center

(26) The president of the University, with the concurrence of the appropriate administrative officers, recommends award of the following contracts for remodeling the lower level of the Chicago Illini Union to provide access to the washrooms to the public and the physically handicapped, the award in each case being to the low bidder on its base bid.

| Division I – General | Base | Bid |
|---|------|-----|
| J. A. Boulton & Co., Chicago | \$19 | 700 |
| Division II Plumbing | | |
| The Nu-Way Contracting Corp., Chicago | 4 | 360 |
| Division III — Electrical | | |
| Sun Lite Neon Electric Co., Inc., Chicago | 2 | 585 |
| Total | \$26 | 645 |

It is further recommended that: (1) all contracts other than the contract for general work be assigned to the contractor for general work, making the total of its contract 26,645; and (2) an agreement be entered into with J. A. Boulton & Co. for the assignment of the contracts for these divisions of the work. The assignment fee has been included in the base bid.

Funds are available in 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.

(The work will be done on the lower level of the Chicago Illini Union and consists of constructing both a corridor in the existing snack bar [the "Recovery Room"] and an opening into the main corridor, thereby providing access to the lower level washrooms. Construction is scheduled to begin the end of May and be completed in June 1981.)

On motion of Mr. Forsyth, these contracts were awarded by the following vote: Aye, Mrs. Day, Dr. Donoghue, Mr. Forsyth, Mr. Howard, Mr. Madden, Mr. Neal, Mrs. Shepherd, Mr. Stone; no, none; absent, Mr. Hahn, Governor Thompson.

(The student advisory vote was: Aye, Mr. Maltese, Mr. Peterson, Mr. Silverman; no, none.)

Contract for Installation of Computer Cable in the University of Illinois Hospital, Medical Center

(27) The president of the University, with the concurrence of the appropriate administrative officers, recommends the award of a contract in the amount of \$22,870 to Mid-America Electric Co., Inc., Palatine, the low base bidder, to install a computer cable in the University of Illinois Hospital for radionuclide studies of patients.

Funds for this project are available from Hospital Income Funds.

(The project consists of installing conduit and computer cables from the diagnostic computer on the second floor to eighteen remote locations in the hospital. Construction will begin on April 1, 1981, and is scheduled for completion on May 31, 1981.)

On motion of Mr. Forsyth, this contract was awarded by the following vote: Aye, Mrs. Day, Dr. Donoghue, Mr. Forsyth, Mr. Howard, Mr. Madden, Mr. Neal, Mrs. Shepherd, Mr. Stone; no, none; absent, Mr. Hahn, Governor Thompson.

(The student advisory vote was: Aye, Mr. Maltese, Mr. Peterson, Mr. Silverman; no, none.)

Employment of Architect/Engineer for Fire Services Institute, Urbana

(28) The president of the University, with the concurrence of the appropriate administrative officers, recommends the employment of Richardson, Severns, Greene, Rishling & Associates, Inc., Champaign, for the required professional services through the completion of contract documents for a classroom/office building for the Fire Services Institute at the Urbana-Champaign campus at a fee of \$49,500 plus reimbursable expenses which are estimated to be \$4,000. The fee reflects a \$6,000 credit for related work performed by this firm under the master planning contract.¹

Funds are available in the appropriation to the University in support of the Fire Services Institute for Fiscal Year 1981.

On motion of Mr. Forsyth, this recommendation was approved by the following vote: Aye, Mrs. Day, Dr. Donoghue, Mr. Forsyth, Mr. Howard, Mr. Madden, Mr. Neal, Mrs. Shepherd, Mr. Stone; no, none; absent, Mr. Hahn, Governor Thompson.

¹ The total cost of the classroom/office building is estimated to be \$1,308,400.

(The student advisory vote was: Aye, Mr. Maltese, Mr. Peterson, Mr. Silverman; no, none.)

Campus Administration Building, Urbana

(29) Since 1973, Mrs. Maybelle Swanlund, Atherton, California, has made gifts to the University of Illinois Foundation totaling approximately \$1.9 million and has stipulated that the funds be used to construct an administrative office building on the University's Urbana-Champaign campus which would be named for her late husband, Lester H. Swanlund. For the last few months, several alternative programs and sites have been studied in connection with the project which would satisfy critical needs for administrative office space.

In November 1980, the University employed the firm of Unteed, Scaggs, Fritch, Nelson, Ltd., Champaign, for the professional services required in completing a study of the several alternatives.

Mrs. Swanlund has reviewed the completed study and concurs with the University's recommendation for the construction of a 20,000 square foot, three-story (with partial basement) building, with the structural capability of accommodating a future expansion of two additional floors, to house the chief administrative offices of the Urbana-Champaign campus, including the Office of the Chancellor, Vice Chancellor for Academic Affairs, Vice Chancellor for Administrative Affairs, Vice Chancellor for Student Affairs, and the Director of Business Affairs. The site which will best accommodate the building program is at the southeast corner of Sixth and John Streets.

The president of the University, with the concurrence of the appropriate administrative officers, recommends that the Board of Trustees request the University of Illinois Foundation to construct such an administrative office building at the Urbana-Champaign campus with funds received by the foundation from Mrs. Swanlund.

The president further recommends that the foundation be requested to employ Unteed, Scaggs, Fritch, Nelson, Ltd., Champaign, for complete architectural/engineering services required for the planning and construction phases of this project at a fee of 7 percent of the actual cost of construction, less \$3,000 credit for related work completed by this firm during the feasibility study. The reimbursable expenses under the architectural/engineering contract are estimated to be an additional \$10,000.

The project budget is estimated as follows:

| Construction | \$1 | 856 | 350 |
|--------------------------|-----|-----|------------------|
| Construction contingency | | 190 | 650 |
| A/E fee | | 143 | 000 |
| Reimbursements to A/E | | 10 | 000 |
| | \$2 | 200 | 000 ¹ |

The project is to be financed from gifts (including earnings thereon) from Mrs. Swanlund to the University of Illinois Foundation and from interest earned during construction as follows:

| Gifts received (including earnings) | \$1 | 9 00 | 000 |
|---|-----|-------------|-----|
| Additional gift from Mrs. Swanlund in process | | 80 | 000 |
| Interest projected to be earned during construction | | 220 | 000 |
| Total project budget | \$2 | 200 | 000 |

On motion of Mr. Forsyth, these recommendations were approved by the following vote: Aye, Mrs. Day, Dr. Donoghue, Mr. Forsyth, Mr. Howard, Mr. Madden, Mr. Neal, Mrs. Shepherd, Mr. Stone; no, none; absent, Mr. Hahn, Governor Thompson.

^{*} No contracts will be awarded in excess of funds available.

Amount to be

(The student advisory vote was: Aye, Mr. Maltese, Mr. Peterson, Mr. Silverman; no, none.)

Purchases

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

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, private corporations, and other organizations; grants from foundations, corporations, and other donors; and University revolving funds authorized by law.

The total amounts of these purchases were:

| From Appropriated Funds | | | | |
|--------------------------|-----|-----|-----|----|
| Recommended | \$ | 195 | 951 | 95 |
| From Institutional Funds | | | | |
| Recommended | 1 | 257 | 188 | 44 |
| Grand Total | \$1 | 453 | 140 | 39 |

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

On motion of Mr. Forsyth, the purchases recommended were authorized by the following vote: Aye, Mrs. Day, Dr. Donoghue, Mr. Forsyth, Mr. Howard, Mr. Madden, Mr. Neal, Mrs. Shepherd, Mr. Stone; no, none; absent, Mr. Hahn, Governor Thompson.

(The student advisory vote was: Aye, Mr. Maltese, Mr. Peterson, Mr. Silverman; no, none.)

Report of Purchases Approved by the Executive Vice President

(31) The executive vice president also submitted a report of purchases approved by him on recommendation of the directors of purchases in amounts of \$12,500 to \$15,000. A copy of this report is filed with the secretary.

This report was received for record.

Comptroller's Monthly Report of Contracts Executed

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

Chicago Circle

New Contracts

| With Whom City of Chicago: | Purpose | Paid to t Universi | | | |
|---|--|-----------------------|--------|--|--|
| 52310 | Develop an integrated, computerized data base for evaluating the cogeneration potential for industrial and manufacturing sites within the metropolitan area | \$ | 17 072 | | |
| 52816 | Provide handicap services to participants in the Head Start program | | 73 408 | | |
| State of Illinois, Department of Children and Family Services | Conduct a survey of ten midwestern states in regard to available technology | | 17 500 | | |
| State of Illinois, Department of Mental Health and Developmental Disabilities | Community-based programs for the mentally ill | | 20 000 | | |

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UNIVERSITY OF ILLINOIS

Amount to be

24 000 \$ 59 258

Amount to be

Amount to be

| With Whom | Purpose | Paid to the University |
|---|---|-----------------------------|
| State of Illinois, Department of Mental Health and Developmental Disabilities | Community-based programs for the develop- mentally disabled | \$ 20 000 |
| Total | | \$ 147 980 |
| | Change Orders | |
| | | Amount to be Paid to the |
| With Whom | Purpose | University |
| City of Chicago 52324 | Technical and educational assistance to neighbor- hood revitalization organization | \$ 38 874 |
| Total | | \$ 38 874 |
| | Work Orders | |
| | | Amount to be Paid by the |
| With Whom | Purpose | University |
| G & M Electrical Contractors Co. | Cost-plus contract: Supply manpower for elec- trical work in the Formfit Building | \$ 20 000 |
| The Nu-Way Contracting Corp. | Cost-plus contract: Install a new gas burner in 641 Formfit Building | 15 258 |
| Tal Rauhoff Inc. | Cost-plus contract: Furnish carpentry labor for maintenance work | 24 000 |
| Tatal | | \$ 50 959 |

Total

Medical Center

New Contracts

| With Whom | Purpose | niversity |
|---|--|---------------|
| Republic Education Publishing Co. | Provide University-developed PLATO courseware | \$ 19 338 |
| State of Illinois, Department of Children and Family Services | Assessment of programs for abused and ne- glected children | 16 943 |
| State of Illinois, Department of Public Health | Medical care services required by adults with cystic fibrosis | 30 000 |
| World Health Organization | Synthesis of triazenes as potential antitrypano- somal agents | 47 200 |
| Total | | \$ 113 481 |
| | New Contracts | |
| | | |

| With Whom | Purpose | Paid by the University |
|-----------------------------------|--|---------------------------|
| Management Systems of Wausau Inc. | Access of MSWI management information system | \$ 14 900 |
| Total | | \$ 14 900 |

Change Orders

| | Change Cracis | |
|---|--|---|
| With Whom | Purpose | Amount to be Paid to the University |
| State of Illinois, Department of Mental Health and Devel- opmental Disabilities | Community-based programs for the develop- mentally disabled | \$ 46 146 |
| State of Illinois, Institute of Natural Resources: 80.195 | Environmental management in Illinois | 30 821 |
| University of Miami Total | Study the dry deposition of over-water aerosol | 44 190 \$ 121 157 |
| | Work Orders | |
| | | Amount to be Paid by the |

| With Whom | Purpose | iversity |
|------------------|---|--------------|
| Tal Rauhoff Inc. | Cost-plus contract: Furnish and install lockers for on-call rooms at the U. of I. Hospital | \$ 18 088 |
| | Cost-plus contract: Degrease existing epoxy floors in kitchen areas of the U. of I. Hospital | 18 484 |
| Total | - | \$ 36 572 |

BOARD OF TRUSTEES

Urbana-Champaign

New Contracts

| | New Contracts | |
|--|---|---|
| | | Amount to be |
| With Whom | Putpose | Paid to the University |
| Arco Solar Inc. | Provide test routines and procedures of epitaxial structures | \$ 20 000 |
| Battelle Memorial Institute Chicago Heart Association | Surface modeling of writ leach data Chicago Heart Health Curriculum Program | 14 997 65 686 |
| Education Commission of the States | Assessment of Educational Progress | 23 410 |
| Housing Authority for LaSalle County | Develop re-expansion plans for its elderly build- ing and recreational facilities in Streator, Illinois | 10 500 |
| Rhone-Poulence Chemical Co. | Perform commercial test work | 6 280 |
| Rural Champaign Co. Special Education Cooperative | Provide itinerant therapy service to preschoolers by speech/language pathologist | 12 205 |
| State of Illinois, Illinois State Library | Radio information service for blind and handi- capped | 10 000 |
| Tennessee Valley Authority | Fertilizer tests and demonstrations | 37 500 |
| United States Agency for Inter- national Development | Soybean-planting seed quality and stand estab- lishment | 42 000 |
| United States Department of Energy: | An-Franking of the second second second | 105 000 |
| DE-AC02-81ER10822 | Application of the parafrase program analysis system to the analysis of the basic structure of computer programs | 125 000 |
| DE-A508-81DP40132 | High energy, fusion product, energy-loss measure- ments | 246 213 |
| United States Department of the Interior: | Stream gaging and related surface water investi- gations on the Embarras River at Carmargo, Ill. | 6 100 |
| 14-16-009-81-009 | Population ecology of the woodcock in east central Illinois | 29 800 |
| United States National Aeronautics and Space Administration: | | |
| NAG2-94 | Chemical and thermal structure of the Venusian and Martian ionospheres | 24 992 |
| NAS3-22666 | Use of an L.D.V. in flammability tube com- bustion experimentation | 3 5 000 |
| University of Chicago, Argonne National Laboratory: | | |
| 31-109-38-6067 | Investigation of fuel-coolant interaction phenom- enology-LMFBR safety | 11 795 |
| 31-109-38-6181 | Pulsating combustion technology, pulverized coal combustion, and accidental fire in landfill meth- ane recovery systems | 46 904 |
| | Graduate student industrial fusion engineering re- search residency appointment | 12 000 |
| University of Wisconsin — Madison | Women in development network | 8 285 |
| World Health Organization Total | Immunosuppression in murine malaria | 15 000 \$ 803 667 |
| | New Contracts | |
| With Whom | Purpose | Amount to be Paid by the University |
| E. H. Pechan & Associates (Subcontract under U.S. EPA Grant CR808514) 80-100 | Development and application of an advanced utility simulation | \$ 6 130 |
| Total | Charge Orden | \$ 6 13 0 |
| | Change Orders | Amount to be |
| With Whom | Purpose | Paid to the University |
| Champaign Consortium | Provide employment opportunities for the handi- capped | \$ 37 411 |
| General Electric Co. | Automated design methods for large scale inte- grated circuits | 81 739 |
| Southern Illinois University PI-1 | Provide PLATO IV terminals and services | 13 500 |
| | | |

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| | | Amount to be |
|--|---|---------------------------|
| | _ | Paid to the |
| With Whom | Purpose | University \$45385 |
| State of Illinois, Department of Conservation F33R-3 | Evaluate largemouth and smallmouth bass hy- bridization | • •• ••• |
| State of Illinois, Department of Transportation | Seasonal and daily microhabital selection by Illinois stream fishes | 10 000 |
| State of Illinois, Illinois State Library | Provide statistical services | 63 064 |
| United States Agency for International Development AID/DSAN/XII-G-0115 | Implement development assistance program in developing countries | 135 000 |
| United States Department of Health, Education, and Welfare: | | |
| HEW-100-79-0197 | Net worth validation: Insurance | 33 241 |
| N01-NS-7-2380 | Evaluate a test of speech perception in noise | 60 084 |
| United States National Aeronautics and Space Administration: | | |
| NSG 5049 | Atmospheric refraction and turbulence on the accuracy of laser systems | 29 435 |
| NSG-7044 | Evolution of the cell and the translation process | 6 500 |
| NSG-7653 | Fundamental studies in theoretical X-ray astron- omy | 130 000 |
| United States Navy: | | |
| N00014-75-C-0612 | Develop techniques for construction of next generation computer-based information system | 100 000 |
| N00014-76-C-0002 | System for the enhancement of human perfor- mance through man-machine interaction | 64 075 |
| Total | | \$ 809 434 |
| | Change Orders | |
| | - | Amount to be |
| With Whom | Purpose | Paid by the University |
| Cornell University (Subcontract under U.S. EPA Grant | Development and application of an advanced utility simulation | \$ 22 662 |
| CR 808514:80-137) | | |
| Total | c | \$ 22 662 |
| | Summary | |
| Medical Center | rsity : | 234 638 |
| Total | | \$2 034 593 |
| Medical Center Urbana-Champaign | rsity: | 51 472 |
| | | ···· • 100 022 |

This report was received for record.

Report of Investment Transactions through February 28, 1981

(33) The comptroller presented the investment report as of February 28, 1981.

Transactions under Finance Committee Guidelines

| Date | 1 | Vumber | Description | Cost | /Yield | Amount |
|--------|--------|--------|-----------------------------|---------|---------|------------------------|
| Purch | ases : | | | | | |
| 2/24 | \$ | 51 000 | Ford Motor Credit demand no | tes | 14.77% | \$ 51 000 00 |
| 2/24 | · | 9 000 | Household Finance demand n | otes | 16.07 | 9 000 00 |
| 2/24 | | 8 000 | J. P. Morgan demand notes | ••••• | 14.68 | 8 000 00 |
| | | 1 | ransactions under Comptroll | er's Au | thority | |
| Sales: | | | | | | |
| 2/10 | \$ | 1 000 | Ford Motor Credit "A" de- | | | |
| - | | | mand notes | \$ 1 | 000 00 | \$ 1 000 00 |

BOARD OF TRUSTEES

[March 19

| 2/11 \$ 1 000 J. P. Morgan demand notes \$ 1 000 00 \$ 1 0 2/11 1.000 000 U.S. Treasury bills due | 00 00 |
|---|---------------|
| 6/18/81 921 406 98 947 | 788 89 |
| | 00 000 |
| 2/12 100 000 U.S. Treasury bills due | |
| | 753 33 |
| 2/13 2 200 000 U.S. Treasury bills due 6/18/81 2 027 095 36 2 084 | 659 70 |
| 6/18/81 2 027 095 36 2 084 4 2/13 300 000 U.S. Treasury bills due | 032 13 |
| | 445 00 |
| | 00 000 |
| 2/19 3 500 000 U.S. Treasury bills due | |
| 7/16/81 3 239 861 93 3 294 | 200 00 |
| 2/23 500 000 U.S. Treasury bills due | 100 90 |
| 7/16/81 462 837 42 472 - 2/27 121 000 Household Finance demand | 492 36 |
| | 00 00 |
| 2/1-28 258 756 First National Bank of Chi- | 000 00 |
| cago 5 percent open-end time | |
| deposit 258 756 00 258 | 756 00 |
| Purchases: | |
| 2/2 \$ 20 000 Highland Community Bank 14.371 per- | |
| | 000 00 |
| 2/2 1 700 000 U.S. Treasury bills due 8/13/81 14.62 1 577 2/3 3 000 000 U.S. Treasury bills due 8/13/81 14.73 2 782 | |
| , , , | 378 33 |
| 2/4 1 000 000 Busey First National Bank of Urbana 16½ percent certificate of deposit due | |
| 4/21/81 16.50 1 000 | 000 00 |
| 2/4 1 300 000 First National Bank of Chicago 16 ¹ / ₂ | |
| percent certificate of deposit due | |
| ······································ | 000 00 |
| 2/6 1 300 000 U.S. Treasury bills due 6/25/81 14.80 1 229 | 727 79 |
| 2/11 500 000 Continental Bank 16 ¹ / ₄ percent time | 000 00 |
| | 000 00 |
| 2/11 600 000 First National Bank of Chicago 16.65 percent certificate of deposit due | |
| | 00 00 |
| -, | 844 79 |
| 2/17 500 000 Continental Bank 16 ¹ / ₄ percent time | |
| deposit due 5/14/81 16.25 500 | 000 000 |
| -, -, -, -, -, -, -, -, -, -, -, -, -, - | 722 92 |
| | 000 00 |
| | 700 00 |
| 2/24 600 000 Continental Bank 15 percent time de- | 000 00 |
| posit due 8/24/81 15.00 600 On motion of Mr. Forsyth, this report was approved as presented | - |

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

SECRETARY'S REPORT

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

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ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

President Stone called attention to the schedule of meetings for the next three months: April 16, Urbana-Champaign; May 21, Medical Center; June 18, Urbana-Champaign.

There being no further business, the board adjourned.

R. C. WICKLUND Assistant Secretary PAUL STONE President