

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

November 20, 1980



The November meeting of the Board of Trustees of the University of Illinois was held in the General Lounge, Illini Union, Urbana, Illinois, on Thursday, November 20, 1980, beginning at 8:15 a.m.

President William D. Forsyth, Jr., called the meeting to order and asked the secretary to call the roll. The following members of the board were present: Dr. Edmund R. Donoghue, Mr. William D. Forsyth, Jr., Mr. Ralph C. Hahn, Mr. George W. Howard III, Mr. Robert J. Lenz, Mr. Earl Langdon Neal, Mrs. Nina T. Shepherd, Mr. Paul Stone, Mr. Arthur R. Velasquez. Governor James R. Thompson was absent. 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 Dr. Earl W. Porter, secretary.

EXECUTIVE SESSION

An executive session was requested and ordered for consideration of pending litigation.

Settlement of Litigation

(1) On September 18, 1980, the Board of Trustees authorized settlement of certain litigation initiated by the widow of Albert Broussard, deceased, against the University in the Court of Claims and against Drs. Oscar Sugar, Cesar Rojas, and Antonio Zelaya, who are physicians on the University staff, in the Circuit Court of Cook County. The litigation alleges that the death of Albert Broussard resulted from negligence or improper conduct during the course of a cerebral angiogram when isopropyl alcohol was injected into his brain rather than a dye known as Isopaque. The action of the board authorized settlement in an amount not to exceed \$55,000.

The plaintiff's attorney claims that there was a misunderstanding concerning his client's willingness to settle the case for \$55,000 and has demanded that the settlement be in the amount of \$60,000, together with a cancellation of the hospital charges relating to the decedent. The executive vice president and the university counsel have recommended that the previous settlement authorization by the board be amended so that settlement of the litigation be authorized for a total payment not in excess of \$60,000 and that the University's hospital charges for the decedent be cancelled.

I concur.

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

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

Litigation Initiated by Alice Martin, a Minor

(2) In 1979 a suit was filed in the Circuit Court of Cook County, Illinois (Case No. 79 L 342) on behalf of Alice Martin, a minor, seeking damages for alleged malpractice in connection with her birth at the University of Illinois Hospital in February 1974. Five physicians on the University's staff (Drs. Charles M. Reed, Nelson Lehrer, Martin O'Sullivan, Jerzy J. Biezanski, and William G. Turner) were named as defendants. Under the terms of the University's policy with Continental Insurance Company, the insurer has provided the defense of the action.

The University has now been named as an additional defendant and the Continental Insurance Company has been requested to provide the defense and indemnity insofar as the University is concerned. At this time the insurer has not responded to the University's request. The amended complaint asserts that the provisions of the Illinois Court of Claims Act, which confers exclusive jurisdiction on the Court of Claims for suits in tort against the University, is unconstitutional. Under the Court of Claims Act, recovery against the University is limited to \$100,000.

The insurance coverage available for this incident is \$500,000. We are advised by the attorneys employed by the insurer that the verdict potential may be considerably in excess of the coverage. It is possible that in the event a judgment is entered in excess of the policy limits, the five physicians or their representatives (Dr. O'Sullivan has died since the initiation of the suit) will demand indemnification from the University for such excess.

The university counsel has recommended that, in the light of the special circumstances and the conflicting interests of the various parties, he be authorized to take such steps as are necessary or appropriate, including the employment of special counsel, to protect the interests of the University and to defend the action.
I concur.

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

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

EXECUTIVE SESSION ADJOURNED FOR COMMITTEE MEETINGS

Mr. Forsyth announced that the executive session would be adjourned for a meeting of the Buildings and Grounds Committee and a meeting of the board as a committee of the whole.

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

MINUTES APPROVED

The secretary presented for approval the press proof of the minutes of the Board of Trustees meeting of July 17, 1980, copies of which had previously been sent to the board.

On motion of Mr. Neal, these minutes were approved as printed on pages 1 to 37 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

President's Reports

The president presented a report of selected topics of current interest, a document mailed to the members of the board prior to the meeting. A copy was filed with the secretary of the board.

Salary Improvement Plan

President Ikenberry commented briefly on the announced intention of the Governor of Illinois to support a plan for the improvement of faculty salaries at the state-supported institutions over the next few years. He indicated that the details were yet to be worked out, that there would be taken into account the state of the economy in Illinois at the time of implementation, the situation in other states, and other relevant matters. He noted recent reports of serious financial difficulties at some of the

¹ University Senates Conference: Horace W. Norton, professor of statistical design and analysis in the Department of Animal Science at the Urbana-Champaign campus; Chicago Circle Senate: Frank Tachau, professor and chairman of the Department of Political Science; Urbana-Champaign Senate Council: Bernice L. Hulsizer, physics librarian and associate professor of library administration.

other midwestern state universities, including reductions in their base budgets, in contrast with the healthier situation at present in Illinois.

Board of Trustees' Retreat, January 1981

He reviewed briefly the plans for the Board Retreat to be held at Allerton Park, January 13-14, 1981. A schedule of events and background information will be sent to the trustees in December.

Illinois State Board of Higher Education

Mr. Forsyth asked Trustee Lenz to report briefly on recent activities. Mr. Lenz commented upon a recent study by the staff of the state board, "Compensation in Illinois Institutions of Higher Education," and asked that copies be sent to the trustees. He reviewed briefly a recent report of enrollments in Illinois prepared by the staff, noting the significance of enrollments, their growth or decline, and their relationship to institutional financing.

State Universities Retirement System

Mr. Forsyth asked Trustee Howard to comment upon activities of this board, of which Mr. Howard is currently the president. Mr. Howard stated that a program of improved funding is now accepted by the State, but that the system is by no means yet "fully funded" in accord with conventional standards or with State requirements. He reported that a financial policy committee has been established within the retirement board to provide for better surveillance of investments and to obtain better financial return from the funds held in trust by the board.

REGULAR AGENDA

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

By consensus, the board agreed that one vote would be taken and considered the vote on each agenda item nos. 3 through 6 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 accountant be awarded, under Section 5 of the Illinois Accountancy Act of 1943, as amended, to eighteen candidates who have presented evidence that they are holders of valid and unrevoked certified public accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law.

The Committee on Accountancy also recommends that the certificate of certified public accountant be awarded to one candidate who passed the standard written examination given in May 1980 in Illinois and who has fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943, as amended.

The Committee on Accountancy, pursuant to Rule 16(d) of the regulations, also recommends that the certificate of certified public accountant be awarded to seventeen candidates who wish to transfer the examination credit earned by passing the standard written examination in another state and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943, as amended.

The names of all candidates are filed with the secretary.

I concur in these recommendations.

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

Head, Department of Family Practice, Abraham Lincoln School of Medicine, Medical Center

(4) The dean of the Abraham Lincoln School of Medicine has recommended to the chancellor at the Medical Center the appointment of Dr. Leighton B. Smith, presently assistant professor of family practice (nonsalaried) in the Abraham Lincoln School of Medicine, as associate professor of family practice on indefinite tenure and head of the department, beginning November 21, 1980, on twenty-percent time, on a twelve-month service basis, and at an annual salary of \$11,400.

Dr. Smith will succeed Dr. Glen E. Tomlinson who resigned from the headship in October 1973. Drs. Kenneth F. Kessel and Diamond D. Dettore have served as acting heads.

This recommendation is made with the advice of a search committee¹ and after consultation with the members of the departmental faculty. The chancellor and the vice president for academic affairs concur in this recommendation.

I recommend approval.

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

Appointments to the Faculty

(5) 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).

¹Lester H. Rudy, professor of psychiatry and head of the department, ALSM, *chairman*; Robert J. Baker, professor of surgery, ALSM; Stephen W. Czarnecki, clinical associate professor of medicine, ALSM; L. P. Johnson, professor of family medicine, RSM; Gregory Laws, medical student, ALSM; Edward A. Lichter, professor of preventive medicine and community health and head of the department, ALSM; Marvin C. Miles, director, University of Illinois Hospital; Patricia Mohr, associate professor of clinical pediatrics, ALSM; Lee Sacks, resident in family practice and assistant, ALSM; George F. Smith, professor of pediatrics, ALSM; Leighton B. Smith, assistant professor of family practice, ALSM (resigned from committee, February 1980); Lawrence M. Solomon, professor of dermatology and head of the department, ALSM; William N. Spellacy, professor of obstetrics and gynecology and head of the department, ALSM; and William G. Troyer, professor of clinical medicine, ALSM.

Urbana-Champaign

1. **HAMISH L. FRASER**, associate professor of metallurgy and mining engineering, on 79 percent time, in the Materials Research Laboratory, on 21 percent time, and technical director of the Electron Microscope Laboratory, beginning September 21, 1980 (A79;A21;N), at an annual salary of \$32,000.
2. **MARGARET R. GROSSMAN**, assistant professor of agricultural economics, beginning September 22, 1980 (1Y), at an annual salary of \$24,000.
3. **C. WILLIAM IBBS, JR.**, assistant professor of civil engineering, beginning January 6, 1981 (N), at an annual salary of \$23,000.
4. **DAVID F. KOHL**, undergraduate librarian and assistant professor of library administration, beginning October 15, 1980 (AY), at an annual salary of \$24,000.

Medical Center

5. **MARGARET N. BUSSIGEL**, assistant professor of health professions education in the Center for Educational Development, beginning October 15, 1980 (1Y), at an annual salary of \$24,000.
6. **DIANE J. FISHER**, assistant professor in the College of Pharmacy, beginning September 1, 1980 (1Y), at an annual salary of \$25,000.
7. **DEE ANN GILLIES**, assistant professor of medical-surgical nursing, beginning November 1, 1980 (1Y), at an annual salary of \$28,200.
8. **WILLIAM W. GOON**, assistant professor of endodontics, on 50 percent time, beginning November 1, 1980 (NY50), at an annual salary of \$12,500.
9. **GUSTAV GRAFF**, assistant professor of biological chemistry beginning September 16, 1980 (1Y), at an annual salary of \$25,000.
10. **DAN W. HENDERSON**, serials librarian, assistant professor, and circulation librarian in the Library of the Health Sciences, beginning September 22, 1980 (1Y;NY), at an annual salary of \$12,710.
11. **KARYN HOLM**, assistant professor of medical-surgical nursing, beginning October 1, 1980 (1Y), at an annual salary of \$27,000.
12. **KATHRYN L. JOHNSON**, librarian and assistant professor, Library of the Health Sciences, beginning September 15, 1980 (1Y), at an annual salary of \$12,710.
13. **MARTIN L. KOLINSKI**, assistant professor of periodontics, on 50 percent time, beginning September 1, 1980 (NY50), at an annual salary of \$11,000.
14. **BARBARA J. LYONS**, assistant professor of occupational therapy, on 60 percent time, beginning October 1, 1980 (1Y60), at an annual salary of \$12,000.
15. **NAOMI M. MORRIS**, professor in the School of Public Health, 90 percent time, for two years beginning September 1, 1980 (QY90), at an annual salary of \$50,000.
16. **JOSEPH G. NASSER**, assistant professor of oral surgery, beginning September 1, 1980 (1Y), at an annual salary of \$28,000.
17. **ALAIN ROSE-ROSETTE**, assistant professor of periodontics, on 50 percent time, beginning October 6, 1980 (N50), at an annual salary of \$9,000.
18. **BEATRICE Y. YUE**, research assistant professor of ophthalmology, beginning September 1, 1980 (WY), at an annual salary of \$23,500.

Chicago Circle

19. **FRANCISCO J. BRANA-MULERO**, assistant professor of energy engineering, beginning September 1, 1980 (1), at an annual salary of \$21,000.
20. **MELVIN K. EWING, JR.**, assistant reference librarian with rank of assistant professor, Library, beginning October 20, 1980 (1Y), at an annual salary of \$13,500.
21. **SALLY G. GOREN**, clinical assistant professor of social work, beginning September 1, 1980 (N), at an annual salary of \$21,922.

22. MARGARET A. MONROE, assistant professor of finance, beginning September 1, 1980 (1), at an annual salary of \$25,000.
23. SOHAIL MURAD, assistant professor of energy engineering, beginning September 1, 1980 (2), at an annual salary of \$22,035.
24. BRIAN P. NICHOLS, assistant professor of biological sciences, beginning September 1, 1980 (1), at an annual salary of \$18,000.
25. JONATHAN Z. SHAPIRO, assistant professor of education, beginning September 1, 1980 (1), at an annual salary of \$16,750.
26. JOHN M. SYVERTSEN, assistant professor of architecture, beginning September 1, 1980 (1), at an annual salary of \$12,000.
27. STEVEN G. WEAVER, assistant professor of biological sciences, beginning September 1, 1980 (1), at an annual salary of \$19,000.

Administrative Staff

28. MARY M. BERTRAND, director of medical records, hospital, and clinical assistant professor of medical record administration, CAHP, Medical Center, beginning October 27, 1980 (NY), at an annual salary of \$40,000.
29. RICHARD C. HANNEMAN, director of personnel services, Chicago campuses, beginning December 1, 1980 (NY), at an annual salary of \$42,000.
30. EVA C. LEVY, assistant director of the Office of Administrative Information Systems and Services, Chicago Circle, beginning September 8, 1980 (NY), at an annual salary of \$29,000.
31. PAUL L. MICHAUD, director of electronic service, 90 percent time, and lecturer, 10 percent time, in chemistry, Chicago Circle, beginning September 1, 1980 (NY), at an annual salary of \$39,000.
32. SUSAN SUNDMAN, assistant director of business affairs, Medical Center, beginning September 21, 1980 (NY), at an annual salary of \$27,500.

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

Sabbatical Leave of Absence, 1980-81, Medical Center

(6) On motion of Dr. Donoghue, one sabbatical leave of absence recommended by the chancellor at the Medical Center campus was granted. This leave will be included in an annual compilation of 1980-81 sabbatical leaves of absence to be made a part of the board *Proceedings*.

By consensus, the board agreed that one vote would be taken and considered the vote on each agenda item nos. 7 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.)

Curriculum in Forestry, Urbana

(7) The Urbana-Champaign Senate has recommended a major revision in the curricula leading to the degree of Bachelor of Science in Forestry.

There are presently two curricula leading to the degree, one in forest science and one in wood science. Under the revisions proposed by the department, the latter curriculum would be discontinued and the former would be renamed the Curriculum in Forestry. The Curriculum in Forestry would provide one option in forest science and one option in wood products industries. The revision would be effective for fall 1981.

In the forest science option, several previously elective courses to be taken in the junior and senior years become required courses, but this option still provides 25-29 hours of electives, and the number of total hours required for graduation remain the same.

The proposed wood products industries option would have essentially the same required courses and restrictive electives as the present wood science curriculum.

The revisions are precipitated by a shift in preference to the forest science curriculum. Student demand for a separate wood science curriculum has declined but a wood products industries option is needed to meet existing demand and to provide the necessary background in wood science demanded of forest science majors.

The dean of the College of Agriculture and the chancellor have recommended approval of this revision. The University Senates Conference has indicated that this item requires no further action by the other senates.

I recommend approval.

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

Addition of a Teaching Requirement to the Ph.D. Program in Spanish, Italian, and Portuguese, Urbana

(8) The Urbana-Champaign Senate has recommended the addition of a teaching requirement to the Ph.D. program in Spanish, Italian and Portuguese, to be effective upon its approval by the Board of Trustees.

Under the requirements, candidates for the Ph.D. in any of the subject matter covered in the Department of Spanish, Italian, and Portuguese must complete the equivalent of a one-year, 50-percent time, teaching requirement in the basic language course sequences of the department. This work will be closely supervised by a specifically qualified member of the faculty who will serve as department supervisor of teaching assistants.

The dean of the Graduate College and the chancellor have recommended approval. The University Senates Conference has indicated that this item requires no further action by the other senates.

I recommend approval.

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

President's Report on Actions of the Senates

Discontinuance of Teacher Education Minor in Music Education, Urbana

(9) The Urbana-Champaign Senate has approved a recommendation from the College of Fine and Applied Arts for the discontinuance of the Teacher Education Minor in Music Education.

The present minor in music education does not satisfy revised State minimum requirements for secondary school teachers of music. Neither the existing minor nor the revised requirements of the State are adequate preparation for those preparing to teach music as a second subject in grades 6-12. It does not appear feasible to offer a music education minor within the typical semester hour range which would provide the necessary skills and instruction required of secondary school music teachers.

Revision of General Education Requirements, Sciences and Letters Curriculum in Liberal Arts and Sciences, Urbana

The Urbana-Champaign Senate has approved a recommendation from the College of Liberal Arts and Sciences for a revision of the general education requirements in the college's Sciences and Letters Curriculum.

The current requirement specifies a total of 24 hours with at least 6 hours each in biological sciences, humanities, mathematics or physical sciences, and social sciences. In order to provide increased breadth of inquiry and important perspectives such as non-Western cultures and traditions, the revised requirement will specify

a minimum of ten courses distributed among nine areas: literature and the arts, historical and philosophical perspectives, social perspectives, non-Western cultural traditions, biological sciences, physical sciences, mathematics, behavioral sciences, and science and society.

Transfer of Institute for Child Behavior and Development, Urbana

The Urbana-Champaign Senate has recommended the transfer of the Institute for Child Behavior and Development from the College of Education to the Graduate College.¹ The institute is an interdisciplinary unit emphasizing research, graduate training, and involvement with national policy related to human development.

The transfer is desirable to nurture an expanding program in human development that reaches beyond the College of Education into such areas as medicine and social welfare. The move to the Graduate College will support the institute's evolution into a truly interdisciplinary center for the study of human development throughout the life span.

Revision of Certificate of Advanced Study in Library Science, Urbana

The Urbana-Champaign Senate has approved a recommendation from the Graduate School of Library Science for the revision of the Certificate of Advanced Study in Library Science. The revision involves an increase in graduation requirements from 8 to 10 units and a mandatory specialization in the form of a major and an optional subspecialty in the form of a minor.

The program, which is designed to provide further professional training beyond the master's degree for practitioners in the field, has remained relatively unchanged since it was introduced more than thirteen years ago. The revision is designed to provide (1) greater structure to the program, (2) a distinctive curriculum for a portion of the program, and (3) greater integration of the learning experience through a culminating project of a professional character.

This report was received for record.

Law Enforcement Assistance Grant, Urbana

(10) The Law Enforcement Assistance Administration (LEAA) of the Department of Justice has awarded a grant in support of a project entitled "National Program Coordinator: Removing Juveniles from Adult Jails and Lockups." James W. Brown, Director of the Community Research Center (CRC), Department of Architecture, is the project director. The grant for \$5,558,000 will provide funds for the period October 1, 1980, through September 30, 1983.

The project is designed to assist communities in developing and implementing a systematic plan for meeting the requirements of the Juvenile Justice and Delinquency Prevention Act through the removal of juveniles from adult jails and lockups. The University provides technical assistance and serves as the conduit of funds to local jurisdictions. The results sought within each jurisdiction include:

- (a) The removal of juveniles from adult jails and lockups;
- (b) The development of a network of placement options for alleged juvenile offenders;
- (c) The development and adoption of objective criteria for alleged juvenile offenders who are awaiting court appearance; and
- (d) An enhanced capacity at the local level to resolve problems of youth in a non-judicial manner thus reducing the use of jail.

As a national program coordinator, the CRC will employ staff to coordinate the preparation of twenty-five multijurisdiction plans to remove juveniles from

¹The *Statutes* permit such a transfer on recommendation of a senate and chancellor and approval by the president.

adult jails and lockups across the country. The plans will address court practices and alternatives to jail, as well as a change in community attitudes, to achieve the Congressional mandate to eliminate the jailing of juveniles. Following the completion of these plans in July 1981, the center will subcontract with successful jurisdictions and monitor the implementation of the plans.

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

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

Electronic Systems Contract, Urbana

(11) The United States Department of the Navy, Naval Electronic Systems Command, has awarded a contract in support of a research project entitled "Reliable High Performance VHSIC¹ System." Drs. J. A. Abraham and E. S. Davidson of the Coordinated Science Laboratory at the Urbana-Champaign campus are co-principal investigators. The contract for \$2,695,939 will provide funds for the period August 14, 1980 through August 13, 1984.

The goals of the VHSIC program are to build system demonstrations within the next few years using silicon integrated circuits with device sizes of 1.25 microns (millionths of a meter) and to extend the state-of-the-art to submicron sizes while solving design and test problems. This level of device density with potential increases in system performance is essential to meet the increasing demand for computing.

However, the new technology poses serious system reliability problems. New complex and subtle failures, both temporary and permanent, become more prevalent at increased levels of circuit density and speed. The failures will render a system useless unless it is specifically designed to cope with them. Techniques to detect errors are essential and will be developed for VHSIC systems in this research. Effective high-performance systems with high clock rates, concurrency of operation, and efficient intrasystem communication will be developed. The research results will permit VHSIC technology to be usefully employed up to its full potential in the next generation of computing systems.

I recommend acceptance of this contract, subject to further action by the Illinois Board of Higher Education.

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

Area Health Education Center Contract, Medical Center

(12) Negotiations have been completed with the United States Department of Health and Human Services which modify the Area Health Education Center (AHEC) contract administered by the University's Medical Center campus to extend that contract through October 20, 1981. Supplemental funding of \$833,000 has been awarded for an additional twelve-month period and the revised total value of the two-year contract is \$2,440,788, inclusive of indirect costs.

The modification is intended to support at a reduced level the operation of a family practice residency program at the Rockford School of Medicine, baccalaureate completion and master of science courses of the College of Nursing in Peoria and Urbana-Champaign, and baccalaureate courses and experiences in five programs of the College of Associated Health Professions in Peoria and Urbana-Champaign. The contract also provides funding for continuing education program development and services staff, a consumer education project, and contract evaluation activities.

¹ VHSIC is an acronym for "Very High Speed Integrated Circuits." The "very high speed" is achieved by making the circuit components small and very close together so that the "traveling time" experienced by the electrons is minimized.

The original five-year contract awarded to the College of Medicine resulted in an award of \$9,724,056. Extension contracts awarded for the sixth and seventh years were for \$2,599,995 and \$2,332,000 respectively. This modification adjusts the total AHEC contract award for the nine-year funding cycle to \$17,096,829.

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

I recommend approval.

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

Cooperative Investigation Agreements: J. T. Baker Chemical Company, General Electric Company, and Morris Animal Foundation

(13) The University Patent Committee, as required under *The General Rules Concerning University Organization and Procedure*, has reviewed requests for preferential treatment in three cooperative investigation agreement proposals from J. T. Baker Chemical Company, General Electric Company, and Morris Animal Foundation. The committee recommends that preferential treatment be accorded as follows:

1. *J. T. Baker Chemical Company*—The University agrees to grant to J. T. Baker Chemical Company the right of first refusal for a period of six months to negotiate for an exclusive license to use any patents arising from this sponsored investigation at a royalty rate of not less than 2 percent of net sales. The exclusive license is limited to a period of six years unless J. T. Baker Chemical Company has developed and marketed products on subject patent in that period of time.

2. *General Electric Company*—The University agrees to grant a non-exclusive paid-up license to make, use, and sell products from any invention covered by a patent arising from this investigation in consideration of a payment from General Electric of a sum equal to 10 percent of the amount supporting the cooperative investigation.

The University further agrees that should the University or its assignee not file a patent application within six months after receiving opinion that the discovery is patentable, the University shall, upon request, transfer the patent rights to General Electric.

3. *Morris Animal Foundation*—The University agrees to share with Morris Animal Foundation 50 percent of the net income received by the University derived from any patent generated by the Morris Animal Foundation cooperative investigation support. (Net income means net proceeds received by the University of Illinois after all costs, including inventor's share.)

I concur.

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

Recommendations of the University Patent Committee

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

1. *Coal Char Which Is Highly Susceptible to Chemical Beneficiation*—Carl W. Kruse, chemist, State Geological Survey, Neil F. Shimp, principal chemist, State Geological Survey, Roy J. Helfinstine, mechanical engineer and head of minerals engineering section, State Geological Survey, and Jimmie D. Cooper, technical assistant, State Geological Survey, Urbana, inventors; developed with support from the United States Environmental Protection Agency.

2. *Liquid Phase Epitaxial (LPE) Growth of Uniform-composition III-V Alloy Active Regions in Semiconductor Heterostructures* — Nick Holonyak, Jr., professor of electrical engineering and in the Center for Advanced Study, and Edward A. Rezek, formerly graduate research assistant in electrical engineering, Urbana, inventors; developed with support from the National Science Foundation and the United States Department of Defense.
3. *Antiviral Peptides from a Marine Tunicate* — Kenneth L. Rinehart, Jr., professor of chemistry, Robert G. Hughes, Jr., senior cancer research scientist, Department of Cell and Tumor Biology, Roswell Park Memorial Institute, Buffalo, New York, and James B. Gloer, graduate teaching assistant in the School of Chemical Sciences, Urbana, inventors; developed with support from the United States Department of Health and Human Services and the National Science Foundation.

University Patents, Inc., reported that it would like to commercialize these discoveries and file patent applications. The University Patent Committee recommends that the rights of the University be transferred to the University of Illinois Foundation for commercialization subject to the rights of the sponsor and the rights of the Illinois Institute of Natural Resources for item one above and subject to the rights of the sponsors for items two and three above.

4. *Chamber/Dish* — Michael G. Gabridge, formerly associate professor of microbiology in the School of Basic Medical Sciences, Urbana, inventor; developed with support from the United States Department of Health and Human Services.

University Patents, Inc., exercised its right of first refusal on this invention and the University of Illinois Foundation has now returned its rights to the University of Illinois. The committee recommends that the rights of the University in this case be released to the sponsor, the Department of Health and Human Services.

5. *Culture Medium* — Ralph S. Wolfe, professor of microbiology, Urbana, Richard P. Blakemore, University of New Hampshire, and D. Maratea, University of New Hampshire, inventors; developed with support from the National Science Foundation.

University Patents, Inc., reported that because of time limitations it did not wish to file a patent application on this case. The committee recommends that the rights of the University in this invention be released to the sponsor, the National Science Foundation.

I concur in these recommendations.

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

Authorization for Use of Bank Credit Cards, Medical Center

(15) The University of Illinois Hospital and the Peoria School of Medicine wish to use credit cards for patient billings. There is also interest in their use for participant fees in continuing education programs. It is anticipated that this step will improve collections, increase services to patients, and possibly reduce operating costs for mail and telephone services.

Accordingly, sealed bids were solicited and banks were requested to present proposals for providing both Master Charge and VISA services. It appears that the First National Bank of Chicago offers the most advantageous proposal for providing the service as measured by the lowest net cost to the University.

Initially the credit card usage will be confined to the operations of University of Illinois Hospital patient accounts, Peoria School of Medicine clinics, and continuing education and public service programs. If successful, the use may be extended to other activities at the Medical Center.

The chancellor at the Medical Center campus has recommended that authorization be given to utilize credit cards as described. The executive vice president concurs.

Therefore, I recommend that the comptroller and the secretary be authorized to execute contracts with the First National Bank of Chicago to provide services of Master Charge and VISA as described above for an initial period covering the balance of the fiscal year ending June 30, 1981.

(It will be unnecessary to open a deposit account with the First National Bank of Chicago since appropriate accounts have already been established.)

On motion of Dr. Donoghue, authority was given as recommended.

Salary Annuity Option Program

(16) Pursuant to Chapter 127, Section 166(c), of the *Illinois Revised Statutes*, a Salary Annuity Option Program was approved by the Board of Trustees on May 20, 1964, and amended on January 12, 1967.

Under this program, an employee may accept a reduction in earnings or forego an increase in earnings, and the University will pay the amount of the earnings adjustment to an insurance company to be applied as a premium on an annuity contract. The intent of the program is to allow employees to defer their receipt of income and to make individual decisions regarding the possible benefits or tax consequences of various options which are available to them under contracts with insurance companies.

The following insurance companies were selected to participate in the Salary Annuity Option Program: Continental Assurance Company, Massachusetts Mutual Life Insurance Company, Northwestern Mutual Life Insurance Company, Prudential Insurance Company of America, and Teacher's Insurance Annuity Association (TIAA/CREF). The program is administered by the benefits centers on each campus and all enrollments and requests for changes by individuals are coordinated by the benefits centers.

Earlier this year, at the request of the Faculty Benefits Committees of the Senates, the executive vice president appointed an ad hoc committee¹ to evaluate the program with regard to current insurance markets and economic conditions. The study included a comparison of the contracts which are provided by the five companies selected in 1964 and other contracts which are now available through other insurance companies. Quotations were solicited from insurance companies which offer contracts suitable for this program and were reviewed by the committee.

The committee now has recommended that a program be adopted which will make the contracts offered by Mutual Benefit Life Insurance Company available to employees. The contracts of Continental Assurance, Massachusetts Mutual, Northwestern Mutual, Prudential, and TIAA/CREF will continue to be available under the program.

Therefore, the executive vice president has recommended that, until further action by the board, the Salary Annuity Option Program described above be accepted as the University's program and as replacing the board's action of May 20, 1964, and January 12, 1967; and that an agreement with Mutual Benefit Life Insurance Company for a Group Annuity Contract be authorized.

I concur. If approved by the board, I will direct that management of the University's Salary Annuity Option Program be the responsibility of the Office of the Executive Vice President.

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

¹ James R. Gallivan, university director of risk management, *chairman*; James J. Costello, university counsel; Richard Graczyk, radiographer V, Dental Clinics, Medical Center; Charles M. Hundley, associate director of State Universities Retirement System; Charles M. Linke, associate professor of finance, Urbana-Champaign; Robert I. Mehr, professor *emeritus* of finance, Urbana-Champaign; Tawfik Sabet, professor of histology, Medical Center; John A. Saldeen, electronics engineer, School of Chemical Sciences, Urbana-Champaign; William Tongue, professor *emeritus* of economics and finance, Chicago Circle; Henry D. Walli, head, audiovisual services, Office of Instructional Resources Development, Chicago Circle; and J. Nelson Young, professor of law, Urbana-Champaign.

Tuition Increases for Fiscal Year 1982

(17) Throughout the consideration of the FY 1982 operating budget request, the Board of Trustees has focused attention upon both the budgetary needs of the University and the realistic assessment of possible increases in revenues to meet highest priority needs. The board has examined ways in which general revenue funds and income derived from tuition might grow in response to the most critical University priorities.

Throughout the trustees' discussion, it has been recognized that some increase in tuition attributable to cost increases in goods and services would be necessary for FY 1982, and that economic indicators such as the Higher Education Price Index would provide a reasonable benchmark for determining the level of tuition increases required.

As the board reviewed the overall level of funding required for FY 1982, discussion turned to approaches that could provide funds beyond the basic cost-related price increases and gradually bring University of Illinois tuition levels into an appropriate relationship with tuition levels among other public Big Ten institutions. At this point the board examined ways in which selected tuition increases might be made, rather than simply applying higher general increases; thus, the topic of differential tuition was raised in the belief that such an approach would present the least problems in terms of student access and partially reflect higher instructional costs at the advanced levels.

Finally, the Board of Trustees has reviewed the tuition levels in the professional Colleges of Medicine, Dentistry, Veterinary Medicine and Law. Present tuition levels for these professional programs are below those of most other Big Ten universities. Thus, an approach to bringing tuition in medicine and law to third place in the Big Ten over a five-year period and tuition in dentistry and veterinary medicine to 75 percent of medicine in the same time period was reviewed.

Having reviewed these various approaches to FY 1982 tuition increases over the past several months, I recommend that the Board of Trustees take the following actions:

1. Approve a general tuition increase of approximately 9.7 percent for FY 1982 to help meet cost increases in goods and services already experienced and certain to continue. This rate generally corresponds to the 9.9 percent increase in the Higher Education Price Index for FY 1980. It is anticipated that the Board of Higher Education will recommend a tuition increase of close to 10 percent.
2. Approve an additional tuition increase for upper division and graduate students of \$50 per year as a first step toward establishment of a differential tuition charge for upper division and graduate students. Approve additional tuition increase for professional programs in law of \$98 per year; for medicine of \$135 per year; for dentistry of \$86 per year; and for veterinary medicine of \$158 per year.

Precise tuition levels recommended for action are shown in Table 1. Proportional increases will be implemented for part-time and nonresident students.

It is understood that tuition increases in subsequent years in accord with this approach would be subject to annual review and approval by the Board of Trustees.

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

(The student advisory vote was: Aye, Mr. Silverman; no, Mr. Maltese, Mr. Peterson.)

Table 1
Proposed FY 1982 Tuition Increases for Illinois Residents¹

	<i>FY 1981 Tuition</i>	<i>General Increase</i>	<i>Differ- ential for Upper Div./ Grad.</i>	<i>Differ- ential Profes- sional Pro- grams</i>	<i>FY 1982 Tuition</i>
Undergraduates					
Lower division	\$ 681	\$ 66 (9.7%)			\$ 747 (9.7%)
	682	66 (9.7)			748 (9.7)
Upper division	681	66 (9.7)	\$51		798 (17.2)
	682	66 (9.7)	50		798 (17.0)
Graduate	726	70 (9.5)	50		846 (16.5)
	728	70 (9.6)	50		848 (16.5)
Law	728	70 (9.6)		\$ 98	896 (23.1)
Medicine	1 551	147 (9.5)		135	1 833 (18.2)
	1 550	147 (9.5)		135	1 832 (18.7)
Dentistry	1 116	106 (9.5)		86	1 308 (17.2)
Vet. medicine	924	88 (9.5)		158	1 170 (26.6)

¹ Corresponding increases for nonresidents and for students taking less than full-time course loads will be calculated according to current policies.

On October 15 and November 19, 1980, the trustees conducted hearings on the subject of tuition increases, sponsored by the Committee on Student Welfare and Activities, and received comment from students and student organizations from each of the campuses.

Changes in Undergraduate Residence Hall Contract, Urbana

(18) The chancellor at the Urbana-Champaign campus has recommended that the current provision in the Undergraduate Residence Hall contract by which students are permitted to terminate such contracts at the end of the fall semester be deleted, effective August 1, 1982.

The contract would be changed as indicated below. (Material in parentheses would be deleted; italicized material would be added.)

The contract is binding upon the student . . . for the academic year (unless the student requests cancellation of the contract for the second semester during the announced termination period about the middle of the first semester). After signing a contract the student will be required to fulfill the contract (for the first semester) if the student attends the University, unless request for release in writing is received, postmarked before midnight, July 21. . . .

Beginning July 22 (or after the first semester termination period) the student will be released from this agreement only for one of the following reasons:

- a. Not attending the University.
- b. Marriage if living with spouse in the community.
- c. *To enter other available certified housing, where a reciprocal agreement for midyear contract terminations exists between the private certified housing unit and the University.*

It is clearly the expectation that residence hall contracts, in general, will be in effect for the entire academic year.

The economic impact of the recommendation on residence hall operations will be considerable. Approximately \$30 of the current room and board rate is attributable to the fact that many students (some 800 annually) leave the residence halls at the end of the fall semester. In addition to some significant financial benefit in setting future rates, the Housing Division will be able to provide space for more new freshmen and transfers.

If the recommendation is approved, signed agreements will be sought from such other certified housing units as may wish to participate in a reciprocal arrangement for midyear contract terminations. The director of housing will continue to have discretion for contract release for other justifiable reasons.

I recommend approval.

(A memorandum providing further information is filed with the secretary of the board.)

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

In accord with the October 16 action of the board on this recommendation, a hearing sponsored by the Committee on Student Welfare and Activities was held on November 19, 1980. Various students were heard, speaking as individuals or as representatives of the Student Government Association, the Residence Hall Association, the Interfraternity Council, the Panhellenic Council, and others interested and affected by the recommendation.

By consensus, the board agreed that one vote would be taken and considered the vote on each agenda item nos. 19 through 29 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 Residency Training in Occupational Medicine, Medical Center

(19) The chancellor at the Medical Center has recommended approval of a contract with the Cook County Board of Commissioners for the conduct of a joint program in occupational medicine.

The University of Illinois receives grant funds from the United States Department of Health and Human Services for the support of a program wherein trainees may complete both a Master of Public Health degree and a residency in occupational medicine. In addition, instruction in occupational medicine is provided on an elective basis to residents in other medical disciplines.

Residents/students in the program, in order to broaden their clinical experience, participate in various activities at Cook County Hospital including lectures, seminars, and a weekly occupational medicine clinic. They also serve as occupational medicine consultants at Cook County Hospital.

Funds are provided in the grant for the partial support of these activities at Cook County Hospital in an amount not to exceed \$100,000 for the period July 1, 1980, through June 30, 1981.

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

On motion of Mr. Neal, this recommendation was approved by the following vote: Aye, Dr. Donoghue, Mr. Forsyth, Mr. Hahn, Mr. How-

ard, Mr. Lenz, Mr. Neal, Mrs. Shepherd, Mr. Stone, Mr. Velasquez; no, none; absent, Governor Thompson.

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

Amendment of Contract with Lutheran General Hospital, Medical Center

(20) On June 19, 1980, the Board of Trustees approved a contract with Lutheran General Hospital to provide educational services for the period July 1, 1980, through June 30, 1981. The College of Medicine wishes to amend this contract to increase these services and the annual amount payable by \$34,590, from \$505,700 to \$540,290.

Funds are available in the budget of the Abraham Lincoln School of Medicine. The chancellor at the Medical Center has recommended approval of this amendment. The vice president for academic affairs and the executive vice president concur.

I recommend approval.

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

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

Employment of Architect/Engineer, Lecture Center Project, Chicago Circle

(21) The president of the University, with the concurrence of the appropriate administrative officers, recommends that the Capital Development Board be requested to employ John Victor Frega Associates, Ltd., Riverside, to provide the required professional services for resurfacing a portion of the roof and replacing concrete and granite pavers at the Lecture Center at the Chicago Circle campus. The fee is in accord with the architectural and engineering procedures of the Capital Development Board.

Funds have been appropriated to the Capital Development Board for FY 1981.

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

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

Employment of Engineer for Building Equipment Automation, Medical Center

(22) The president of the University, with the concurrence of the appropriate administrative officers, recommends that the Capital Development Board be requested to employ Environmental Systems Design, Inc., Chicago, for the required professional services for the installation of building equipment automation systems for the College of Dentistry, Medical Sciences Addition, Eye and Ear Infirmary, and Benjamin Goldberg Research Center buildings at the Medical Center campus. The fee is in accord with the architectural and engineering procedures of the Capital Development Board.

Funds have been appropriated to the Capital Development Board for FY 1981.

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

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

Purchases

(23) 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 \$ 131 772 75

From Institutional Funds

Recommended 5 991 573 84

Grand Total \$6 123 346 59

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. Neal, the purchases recommended were authorized by the following vote: Aye, Dr. Donoghue, Mr. Forsyth, Mr. Hahn, Mr. Howard, Mr. Lenz, Mr. Neal, Mrs. Shepherd, Mr. Stone, Mr. Velasquez; no, none; absent, 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

(24) 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.

The Comptroller's Monthly Report of Contracts Executed

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

Chicago Circle

Contract Change Order

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Bongi Cartage, Inc.	Excavation, filling, and grading work at the Chicago Circle Pavilion	\$ 26 692
<i>Total</i>		<u>\$ 26 692</u>

Medical Center

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
State of Illinois, Department of Children and Family Services: 110512B004 131712B028	Residential and foster care program plans Nonresidential program plans for health care	\$ 57 864 29 298
United States Department of Health and Human Services N01-DE-02425	Test naturally occurring noncarcinogenic sweeteners that may be used as dietary sucrose substitutes	318 208
University of Chicago (Subcontract with National Institute on Aging R01 AG01798)	Immunoregulation and human aging	26 032
<i>Total</i>		<hr/> \$ 431 402

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Hebrew University-Hadassah Medical School (Subcontract with Public Health Service PHS DA-01951)	Experiments on tolerance and physical dependence	\$ 15 406
University of Helsinki (Subcontract with United States Environmental Protection Agency 68-03-2936)	Patented two-stage anaerobic-aerobic biofilter	20 000
<i>Total</i>		<hr/> \$ 35 406

Contract Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Northwestern University PARFR-95N	Develop a reversible VAS deferens blocking device	\$ 63 785
United States Department of Health, Education, and Welfare N01-EY-7-2137	Evaluate the early treatment of diabetic retinopathy	564 766
<i>Total</i>		<hr/> \$ 628 551

Contract Work Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
G & M Electrical Contractors Co.	Cost-plus contract: Work per drawings 698-50-1, 2, 3, 4 at the University of Illinois Hospital	\$ 16 800
Nu-Way Contracting Corporation	Cost-plus contract: Low-leakage ballasts furnished and installed on 6th floor, ICU rooms	16 571
Tal Rauhoff, Inc.	Cost-plus contract: Painting, decorating, and required patching of rooms at the Student Residence Hall	15 149
Frank Staar & Sons, Inc.	Cost-plus contract: Repair roof for Administrative Services Building	15 800
<i>Total</i>		<hr/> \$ 64 320

Urbana-Champaign

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
American Soybean Association	Formation of phytate-peptide-mineral complexes in soybean foods	\$ 43 450
Celanese Chemical Co.	Production of fatty acids from Methanol CO ₂ -H ₂ and CO Eubacterium limosum	12 000
Champaign Consortium	Improving the job-seeking skills of CETA participants through computer-based instruction	64 527
Chicago Youth Center	Provide PLATO IV terminals and services	7 130
Community College District No. 508	Provide PLATO IV terminals and services	157 000
Housing Authority for LaSalle County	Organizational structure of the staff with special attention to occupancy and management concepts	9 480

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
	Services required for congregate housing in Ottawa, Illinois	\$ 18 000
Illinois Heart Association	Heart research	10 000
Pioneer Hi-Bred International	Response of growing-finishing pigs to Lactobacillus Acidophilus	7 800
Purdue University (Subcontract under NSF contract No. MCS 7818906-02)	Parallel algorithms and computer architecture for image processing and pattern recognition	18 248
State of Illinois, Board of Higher Education	Formation of the Illinois postsecondary telecommunication cooperative	39 000
State of Illinois, Department of Agriculture	Animal-waste teaching materials for Illinois high school and community college teachers	7 000
State of Illinois, Department of Adult, Vocational, and Technical Education R-31-11-D-0261	Assessment of the impact vocational education can have on improving worker productivity	40 010
State of Illinois, Department of Mental Health and Developmental Disabilities: 8040-02	Behaviorial defects resulting from perinatal exposure to psychoactive drugs	19 854
8083-13	Hormones, neurochemistry, and drug tolerance/dependence	53 457
	Youth data repository	12 000
State of Illinois, Department of Mines and Minerals	Subsidence rapid response program	75 000
State of Illinois, Department of Public Health	Know Your Body curriculum implementation, teacher training, and evaluation model	6 500
State of Illinois, Department of Transportation	Statement of work for Illinois state water plan public education and participation plan	5 982
	Collect sediment samples from five sites within the state of Illinois	47 680
	Statewide biological survey and assessment program	100 000
State of Illinois, Environmental Protection Agency DAS-811003	Preparation of summary tables of land cover categories	25 042
State of Illinois, Institute of Natural Resources: 20.144 90.020	Ten regional tillage conferences	6 600
	Sediment monitoring program for Illinois	50 000
	Screening of pesticides and other toxic chemicals for potential adverse environmental effects in Illinois	40 255
United States Department of Agriculture: 80-00074 53-32V4-0-200	Genetics of maize-Tripsacum introgression	100 000
	Nutrient content of selected home and institutionally prepared foods	18 761
	U.S. soil conservation studies	34 759
United States Department of the Army DACW88-80-C-0004	Provide a survey of facilities engineer personnel and users of facilities engineer services	71 141
United States Department of Energy DE-AC21-80MC14713	Anaerobic digestion of coal conversion wastewater	249 000
United States Department of the Interior, Bureau of Mines J0205071	Subsurface subsidence investigation near Danville, Illinois	37 530
United States Department of the Navy: N00039-80-C-0556	Conduct a study of very high speed integrated circuits	2 695 939
N66001-80-C-0457	Enhance the job-oriented basic skills curriculum	20 000
United States Environmental Protection Agency 68-02-3449	Aerosol mass apportionment by factor analysis	50 000
United States Fire Administration	Develop the student's basic firefighter professional qualifications	19 900
United States National Aeronautics and Space Administration	International symposium on middle atmospheric dynamics	5 000
United States Nuclear Regulatory Commission NRC-02-80-074	Sheffield trench cap study	249 707

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
University of California	Participation by students in an academic program in Spain	\$ 26 028
University of Chicago	Muskegon CHILL radar support	66 853
Virginia Polytechnic Institute and State University	Provide PLATO IV terminals and services	5 941
World Health Organization	Biomedical research on safety of biological control agents of disease vectors	76 000
<i>Total</i>		<u>\$4 602 574</u>

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Ram Charan	Bell advanced management program	\$ 14 000
<i>Total</i>		<u>\$ 14 000</u>

Contract Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Champaign Consortium	To provide employment and training	\$ 64 527
Colorado State University	Analysis of wet and dry deposition samples	224 315
Indiana University	Provide PLATO IV terminals and services	44 100
Johns Hopkins University School of Medicine	Participation in PLATO health sciences education network	18 650
Portland Cement Association	Deformations of a post-tension precast segmental concrete bridge	10 214
Research Foundation of the City University of New York SC03274-1	Resonance raman study of rhodopsin	25 567
State of Connecticut	Provide PLATO IV terminals and services	19 550
State of Illinois, Association of School Administrators	Advanced education programs; executive development	91 602
State of Illinois, Department of Mental Health 7411	Operation and maintenance of Herman M. Adler Zone Center	83 000
State of Illinois, Department of Transportation	Instream flow needs assessment	20 200
	Low flows of Illinois streams for impounding reservoir design	30 672
State of Illinois, Environmental Protection Agency P005470-01	Assessing erosion and sedimentation in the Blue Creek watershed, Pike County	27 000
State of Illinois, Institute of Natural Resources:		
20.078	Extension education program in water-quality management planning	15 893
20.120	Investigate the flow and sediment transport in the Kankakee River	29 361
20.141	Water quality enhancement in lakes by aeration and chemical application	14 630
40.036	Codisposal of industrial sludges in sanitary landfills	29 000
40.049	Mine relation pollution task force	11 049
80.194	Energy management and solar grain drying systems field study	27 978
Thiokol Corporation	Provide PLATO IV terminals and services	254 968
United States Agency for International Development AID/DSAN/XII-G-0115	Implement development assistance programs in developing countries	125 000
United States Department of Agriculture 78-59-2171-0-1-034-1	Characterization of genome and replication of a single-stranded DNA plant virus	137 025
United States Department of the Air Force:		
AFOSR-79-0121	Restrike beam experiments in a dense plasma focus	40 000
AFOSR-77-3336	Initiation, combustion, and transition to detonation in homogeneous and heterogeneous reactive mixtures	75 946
AFOSR-79-0138	Alkali rare gas and metal halide molecules used in lasers	78 089

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
United States Department of the Army DAAG29-80-C-0004	Effects of iron oxidation states on clay swelling	\$ 49 239
United States Department of Health, Education, and Welfare:		
HEW-100-79-0130	Survey development research centers	66 213
HEW-G007901012	Coordinated program for preparation of special education personnel DTD	5 940
United States Department of Interior:		
14-34-0001-9620	Abstracting hydrology literature	23 272
14-08-001-G-567	Estimation of deep minable coal reserves of Illinois	12 000
United States National Aeronautics and Space Administration N561471	Construction of communicating concurrent processes in real-time environments	67 000
United States Navy:		
N00014-76-C-0745	Chemiluminescent reactions that have a high potential for efficient light production	43 000
N00014-78-C-0245	Prepare polymers containing chelating pendant groups	46 000
N000173-79-C-0181	Electrical tests on one loop antenna in the presence of the circularly disposed antenna	22 574
University of California	Investigate cryogenic laser fusion target fabrication and positioning	151 427
<i>Total</i>		<u>\$1 985 001</u>

Summary

Amount to be paid to the University:		
Medical Center		\$1 124 273
Urbana-Champaign		6 587 575
<i>Total</i>		<u>\$7 711 848</u>
Amount to be paid by the University:		
Chicago Circle		\$ 26 692
Medical Center		35 406
Urbana-Champaign		14 000
<i>Total</i>		<u>\$ 76 098</u>

This report was received for record.

Quarterly Report of the Comptroller

(26) The comptroller presented his quarterly report as of September 30, 1980. This report was received for record, and a copy was filed with the secretary of the board.

Report of Investment Transactions through October 31, 1980

(27) The comptroller presented the investment report as of October 31, 1980.

Transactions under Finance Committee Guidelines

<i>Date</i>	<i>Number</i>	<i>Description</i>	<i>Cost/Yield</i>	<i>Amount</i>
Sales:				
10/1	4 500 shares	AMP common stock.....	\$ 46 410 83	\$ 215 475 30
10/1	2 803 shares	Eastman Kodak common stock	114 297 73	190 275 29
10/23	2 300 shares	Jack Eckerd common stock.	62 030 00	76 117 44
10/23	1 800 shares	General Electric common stock	57 469 38	98 627 70
Purchases:				
10/1	\$ 406 000	Ford Motor Credit "A" demand notes	12.20%	\$ 406 000 00
10/2	90 000	Associates demand notes.....	11.64	90 000 00
10/2	32 000	Borg Warner Acceptance "A" demand notes	11.64	32 000 00

Date	Number	Description	Cost/Yield	Amount
10/6	\$ 108 000	Ford Motor Credit "A" demand notes	11.92%	\$ 108 000 00
10/6	115 000	J. P. Morgan demand notes	11.01	115 000 00
10/23	1 300 shares	Delta Air Lines common stock	2.64	59 091 50
10/23	1 600 shares	Travelers common stock	5.71	69 465 50
10/30	10 000	Merrill Lynch demand notes	12.20	10 000 00

Transactions under Comptroller's Authority

Sales:

10/1	\$ 7 000	Ford Motor Credit "A" demand notes	\$ 7 000 00	\$ 7 000 00
10/2	2 000	J. P. Morgan demand notes	2 000 00	2 000 00
10/3	1 000	Texas Commerce Bancshares demand notes	1 000 00	1 000 00
10/3	200 000	U.S. Treasury bills due 1/15/81	193 322 78	193 182 22
10/7	500 000	U.S. Treasury bills due 11/20/80	484 953 89	493 125 00
10/8	1 000 000	U.S. Treasury bills due 11/20/80	969 907 78	986 550 56
10/8	2 000 000	U.S. Treasury bills due 12/18/80	1 936 826 67	1 955 901 12
10/10	212 000	Ford Motor Credit "A" demand notes	212 000 00	212 000 00
10/10	212 000	J. P. Morgan demand notes	212 000 00	212 000 00
10/15	67 000	City Products demand notes	67 000 00	67 000 00
10/22	200 000	U.S. Treasury bills due 11/20/80	193 981 56	198 115 00
10/23	400 000	U.S. Treasury bills due 11/20/80	387 963 11	396 515 56
10/23	200 000	U.S. Treasury bills due 1/22/81	191 933 33	194 039 50
10/1-31	68 363	First National Bank of Chicago 5½ percent open-end time deposit	68 363 43	68 363 43

Purchases:

10/1	\$ 200 000	U.S. Treasury bills due 3/26/81	12.01%	\$ 188 912 00
10/6	10 000	Associates demand notes	11.64	10 000 00
10/9	300 000	U.S. Treasury bills due 3/26/81	11.80	284 348 00
10/10	10 000	Texas Commerce Bancshares common stock	11.92	10 000 00
10/10	200 000	U.S. Treasury bills due 3/26/81	11.65	189 748 06
10/10	60 000	U.S. Treasury bills due 4/2/81	11.73	56 781 00
10/10	400 000	U.S. Treasury 11% percent notes due 5/15/83	11.19	404 500 00
10/14	17 000	Ford Motor Credit "A" demand notes	11.92	17 000 00
10/15	700 000	Continental Bank 12% percent time deposit due 2/24/81	12.38	700 000 00
10/15	700 000	U.S. Treasury bills due 1/15/81	11.42	680 143 33
10/17	8 000	Associates demand notes	11.64	8 000 00
10/17	1 500 000	U.S. Treasury bills due 3/26/81	11.49	1 426 666 70
10/21	500 000	First National Bank of Chicago 12.65 percent certificate of deposit due 1/19/81	12.65	500 000 00

<i>Date</i>	<i>Number</i>	<i>Description</i>	<i>Cost/Yield</i>	<i>Amount</i>
10/27	\$1 000 000	U.S. Treasury bills due 3/26/81....	12.91%	\$ 948 958 33
10/28	2 000 000	First National Bank of Chicago 13¼ percent certificate of deposit due 12/31/80	13.25	2 000 000 00
10/29	500 000	Continental Bank 13¾ percent time deposit due 1/27/81.....	13.75	500 000 00
10/29	2 000 000	Springfield Marine Bank 13¾ percent certificate of deposit due 1/7/81....	13.25	2 000 000 00
10/30	310 000	U.S. Treasury bills due 1/22/81....	12.79	301 016 20
10/30	1 500 000	U.S. Treasury bills due 6/18/81....	13.43	1 380 553 80

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

Modification of Agreement with Lions of Illinois Foundation, Medical Center

(28) On October 16, 1980, the trustees authorized an agreement with the Lions of Illinois Foundation by which the Lions would initiate a fund-raising effort and thus contribute to the construction of an Eye Research Institute at the Medical Center campus. The board agreed that the facility would be named the "Lions of Illinois Eye Research Institute" if the Lions fund-raising campaign provides at least \$3,000,000 or one-half of the actual cost of planning, constructing, and initially equipping the institute, whichever amount is greater.

Upon further consideration of the agreement which has not yet been executed, the Lions Foundation has requested that the agreement be modified to provide that the institute will be named as indicated, in any event if the Lions raise and provide to the University \$5,000,000, regardless of the total cost of planning, constructing, and equipping the institute. Such a modification is not inconsistent with other terms of the agreement. The Lions believe that favorable action on this request by the University will greatly aid fund-raising efforts.

The chancellor at the Medical Center has recommended that the board authorize the modification as described. The executive vice president concurs.

I recommend approval.

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

Energy Conservation Project Grants, Chicago Campuses

(29) An Institutional Buildings Grant program was established by Congress under the National Energy Conservation Policy Act of 1978. The law authorizes \$900 million in matching grants to assist public and private schools and not-for-profit hospitals in identifying and implementing energy conservation measures. The University has applied for funds under the second phase of the program for the following projects:

Chicago Circle Campus

Modify air system	Physical Plant Services Building	\$11 477
Modify domestic hot water system	Physical Plant Services Building	13 093
Modify domestic hot water system	Architecture and Art Building	10 693
<i>Total</i>		<u>\$35 263</u>

Medical Center Campus

Modify air handling systems	College of Medicine East Tower	\$26 880
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Grant awards have been made for \$17,631 for the Chicago Circle projects and \$13,440 for the Medical Center project. In each case the grant is 50 percent of the project cost. To meet the matching fund requirement (50 percent), some funds

are available in the FY 1981 Capital Development Bond fund appropriation to the Capital Development Board and the balance is available in the State appropriations to the University for FY 1981.¹

Accordingly, the president of the University, with the concurrence of the appropriate administrative officers, recommends that the Board of Trustees: (1) request the Capital Development Board to proceed with the "modify air system" project appropriated by the Eighty-first General Assembly for that purpose, and (2) approve proceeding with the other three projects from funds available in the operating budgets of the Physical Plant at the Medical Center and Chicago Circle campuses for FY 1981.

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

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

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 Forsyth called attention to the schedule of meetings: January 13-14, 1981, Retreat, Allerton Park; January 15 (annual meeting), Urbana; February 19, Medical Center; March 19, Chicago Circle. There will be no December meeting.

RESOLUTIONS IN BEHALF OF RETIRING TRUSTEES

Mr. Forsyth stated that, although the official certification of the recent election of University of Illinois Trustees has not been made, on the basis of accurate informal tabulations apparently the result is clear, i.e., that Mr. Dean E. Madden of Decatur and Mrs. Galey S. Day of Belvidere have won seats on the board; that incumbents, Mr. Robert J. Lenz and Mr. Arthur R. Velasquez, have been defeated; and Mrs. Nina T. Shepherd of Winnetka has been re-elected.

Accordingly, and with the consent of the incumbents, he presented the following resolutions of tribute to Mr. Velasquez and to Mr. Lenz.

Resolution

To Arthur R. Velasquez:

The Board of Trustees of the University of Illinois hereby records with deep appreciation your six years of service as a member of this board.

¹ Source of matching funds:

	<i>Chicago Circle Projects</i>	<i>Medical Center Project</i>
Capital Development Bond	\$11,477	\$ —
University	6,155	13,440
<i>Total</i>	<u>\$17,632</u>	<u>\$13,440</u>

You have brought to your trusteeship, and to the University at large, clear and thoughtful perspectives, especially in the University's relations with the people it touches and in its business and financial affairs.

Although one of the few nonalumni to have served on the board, you quickly understood the nature of the University and its mission. You have chaired the Affirmative Action/Equal Opportunity Committee since its creation in 1976 and have shown yourself a champion of the rights of minorities and the economically deprived, but you have not spoken solely to their causes. Your concern and support for all students, as for all members of the University staff, have consistently been demonstrated throughout your service. That concern with the quality of life, shown as well in many community service commitments, has been of great value in our deliberations.

In the business and financial questions facing the University, your background and expertise have also contributed to the effectiveness of the board and to the well-being of the institution. You have shown an ability to penetrate quickly to the essential question and a willingness to deal with it directly and firmly.

Your counsel, humane, calm, and succinct, has helped the University to maintain and enhance its mission of service to the people of the state, and we are immensely grateful to you.

The president and other administrative officers of the University wish to join with the Board of Trustees in this tribute to you and in extending best wishes to you and Mrs. Velasquez.

The Board of Trustees directs that this resolution be incorporated in the minutes of today's meeting to become a part of the official public record, and that a suitable copy be given you as a permanent reminder of the esteem and affection in which you are held.

Mrs. Velasquez and the Velasquezes' daughter, Renee, were present and accepted the tribute with Trustee Velasquez. He expressed his thanks to his fellow trustees and his pleasure in having served on the board, in particular the close association he had had with the trustees with whom he had stood for office in the election of 1972 and again in 1980. Mrs. Velasquez spoke briefly of her pleasure in meeting with the trustees and their spouses in the course of the last six years.

Resolution

To Robert J. Lenz:

The Board of Trustees of the University of Illinois hereby recognizes your six years of service as a member of this board and gratefully expresses its appreciation for your dedicated and vigorous support of the University.

From the first year of your tenure when you served as chairman of the Committees on General Policy, on Nonacademic Personnel, and on Patents, you have committed extraordinary effort and time to the work of this institution. With previous experience in higher education, you brought to the board a sensitivity to academic ideals and a keen awareness of faculty interests and values. But you also have been closely attuned to the needs of others of the University staff. Serving throughout your entire tenure on the Committee on Nonacademic Personnel, you now lead, as well, the State Universities Civil Service System Merit Board as chairman — a contribution recently recognized in your receipt of the Kathryn G. Hansen Award.

In recognition of your sophistication in inter-institutional and inter-governmental relations, you have for the last two years been designated the University's representative on the Illinois Board of Higher Education. In that forum and in

many others, you have, in the finest tradition of trusteeship, employed your special talent for the lucid and forceful interpretation of the University to the people of Illinois.

The president and other administrative officers of the University join in this tribute to you and in extending best wishes to you.

The Board of Trustees directs that this resolution be incorporated in the minutes of today's meeting to become a part of the official public record, and that a suitable copy be given you as a permanent reminder of the esteem and affection in which you are held.

Mr. Lenz reviewed with appreciation his term on the board and paid tribute to the quality of the University faculty and staff. He noted in particular the number of major new appointments in which the board had been involved in recent years, especially during 1978-79 in the selection of Dr. Ikenberry as president of the University.

The resolutions were approved by a standing vote of the Board of Trustees, joined by the general officers of the University.

There being no further business, the board adjourned.

EARL W. PORTER
Secretary

WILLIAM D. FORSYTH, JR.
President

LUNCHEON GUESTS

Guests of the board at the luncheon included members of the Research Board at the Urbana-Champaign campus.