MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

September 15, 1971



The September meeting of The Board of Trustees of the University of Illinois was held in the Chicago Circle Center, Chicago, Illinois, on Wednesday, September 15, 1971, beginning at 9:30 a.m.

President Earl M. Hughes called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. William D. Forsyth, Jr., Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. George W. Howard III, Mr. Earl M. Hughes, Mr. Earl Langdon Neal, Mr. Roger B. Pogue, Mr. Timothy W. Swain. Dr. Michael J. Bakalis, Governor Richard B. Ogilvie and Mr. Russell W. Steger were absent.

Also present were President John E. Corbally Jr.; Chancellor J. W. Peltason, Urbana-Champaign campus; Chancellor Joseph S. Begando, Medical Center campus; Chancellor Warren B. Cheston, Chicago Circle campus; Dr. Eldon Johnson, Vice President; Mr. Norman A. Parker, Vice President for Public Service; Mr. Vernon L. Kretschmer, Associate Director of University Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, University Counsel; Mr. George H. Bargh, Executive Assistant to the President; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. R. Manchester, Treasurer, and Dr. Earl W. Porter, Secretary.

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee submitted the following report and minutes of its meeting on August 17, 1971.

MEETING OF THE EXECUTIVE COMMITTEE

A meeting of the Executive Committee of The Board of Trustees of the University of Illinois was held in Parlor K of the LaSalle Hotel, Chicago, Illinois, on Tuesday, August 17, 1971, beginning at 10:30 a.m.

Chairman Earl M. Hughes called the meeting to order and asked the Clerk of the Committee to call the roll. The following members of the Committee were present: Mr. Earl M. Hughes, Mr. Roger B. Pogue, Mr. Timothy W. Swain.

Also present were: Mr. William D. Forsyth, Jr., Mr. Donald R. Grimes, Mr. Ralph C. Hahn, and Mr. Russell W. Steger, members of the Board of Trustees, and the following University officers: President David D. Henry; Chancellor J. W. Peltason, Urbana-Champaign campus: Chancellor Joseph S. Begando, Medical Center campus: Chancellor Norman A. Parker, Chicago Circle Campus; Chancellor-designate Warren B. Cheston, Chicago Circle campus; Mr. Vernon L. Kretschmer, Associate Director of University Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, University Counsel: Mr. George H. Bargh, Executive Assistant to the President; and the officers of the Board, Mr. R. R. Manchester, Treasurer, and Dr. Earl W. Porter, Secretary.

The Committee considered the following reports and recommendations from the President of the University, and took the actions indicated.

HEADSHIP OF THE DEPARTMENT OF MEDICAL-SURGICAL NURSING. MEDICAL CENTER

(1) The Dean of the College of Nursing has recommended to the Chancellor at the Medical Center campus the appointment of Dr. Etta Anne Hincker, presently Visiting Professor and Acting Dean of the Florida State University School of Nursing, as Professor of Medical-Surgical Nursing, on indefinite tenure, and Head of the Department of Medical-Surgical Nursing, beginning September 1,

Head of the Department of Medical-Surgical Nursing, beginning September 1, 1971, on a twelve months' service basis.

On May 20, 1970, the Board of Trustees approved a reorganization of the College of Nursing, which was not previously departmentalized, into the following departments: General Nursing, Maternal-Child Nursing, Medical-Surgical Nursing, Psychiatric Nursing, and Public Health Nursing. The appointment of Dr. Hincker will permit establishment of the Department of Medical-Surgical Nursing.

(At its meeting on August 12, 1970, the Board approved the appointment of heads for the Department of Maternal-Child Nursing, the Department of Psychiatric Nursing, and the Department of Public Health Nursing. At its meeting on April 21, 1971, the Board approved the appointment of a head of the Department.

April 21, 1971, the Board approved the appointment of a head of the Department of General Nursing. The appointment of Dr. Hincker will fill the one remaining

The nomination of Dr. Hincker is made with the advice of a search committee and after consultation with members of the faculty of the Department of Medical-Surgical Nursing of the rank of assistant professor and above. The nomination is supported by the Dean of the Graduate College. The Chancellor at

¹ Cecelia Fennessy, Assistant Professor, Department of Medical-Surgical Nursing, Chairman; Mrs. Suzanne Dodge, Instructor, Medical-Surgical Nursing; Miss Marya Olgas, Assistant Professor, Medical-Surgical Nursing; Dr. Lillian Runnerstrom, Professor and Head, Department of Maternal-Child Nursing, and Miss Mardell Davis, Graduate Student.

the Medical Center campus has approved the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

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

SABBATICAL LEAVE OF ABSENCE, 1971-72

(2) The Chancellor at Chicago Circle has recommended that the following faculty member be given a sabbatical leave of absence in accordance with the provisions of the University of Illinois Statutes and on the terms and for the period indicated.

College of Liberal Arts and Sciences

Department of Mathematics

ROBERT I. SOARE, Associate Professor of Mathematics, fall quarter, 1971-72, full

This recommendation is supplementary to the applications recommended to the Board of Trustees on March 17, 1971.

I concur.

On motion of Mr. Pogue, this leave was granted as recommended.

ESTABLISHMENT OF MAJOR IN RELIGIOUS STUDIES, URBANA

(3) The Urbana-Champaign Senate has recommended the establishment of a major in religious studies leading to the baccalaureate degree in the Sciences and Letters Curriculum in the College of Liberal Arts and Sciences.

This major is designed to serve students oriented to the liberal arts with a special interest in the religious dimension of culture. In view of the enormous range of religious phenomena and of the many possible approaches to the study of religion, a major in religious studies will have no prescribed schedule of courses. Each student will be asked to indicate what approach or approaches he finds most advantageous for the study of religion. The total program will then be worked out on an individual basis in consultation with an adviser and the Director of Religious Studies.

Areas in which resources allow for areas of specialization include the following at the present time: philosophy of religion, the Bible, early Christianity, Hinduism, and Buddhism.

Students are required to meet all University and College requirements and the requirements of the Curriculum in Sciences and Letters.

The Chancellor at the Urbana campus, the Dean of the College of Liberal Arts and Sciences at Urbana, and the Executive Vice President and Provost concur in this recommendation. The University Senates Conference has indicated that no further Senate jurisdiction is involved.

I recommend approval subject to further action by the State Board of Higher

Education.

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

ESTABLISHMENT OF CURRICULUM IN COMPUTER SCIENCE. URBANA

(4) The Urbana-Champaign Senate has recommended approval of an undergraduate Curriculum in Computer Science leading to the degree of Bachelor of Science in Computer Science. The proposed curriculum is to be administered by the College of Engineering and staffed by the Department of Computer Science. Students in this curriculum will be required to satisfy all University and College requirements and to complete 124 credit hours excluding physical education.

The Curriculum in Computer Science will prepare students for careers in industry or to continue into graduate school. Students terminating with a baccalaureate degree will be ready to undertake technical work in industry, and with additional management training, will be able to assume roles of leadership in industry.

additional management training, will be able to assume roles of leadership in industry. With additional graduate work, students will be prepared to teach at all levels in higher educational institutions, or to do research either in industry, national laboratories, or major universities.

There are currently two undergraduate curricula involving computer science. These are the Curriculum in Mathematics and Computer Science, College of Lib-

eral Arts and Sciences, and the Curriculum in Electrical Engineering and Computer Science, College of Engineering. (It is currently proposed that this latter curriculum be renamed the Curriculum in Computer Engineering.) While these curricula are of value, in both cases they are more strongly oriented towards mathematics and electrical engineering than toward computer science. The curriculum proposed will establish an undergraduate curriculum in computer science as a discipline in its own right.

It is estimated that the number of majors in the first year of the program will

be forty and by the fifth year there will be a total of 325.

The Chancellor at the Urbana campus, the Dean of the College of Engineering at the Urbana campus, and the Executive Vice President and Provost concur in this recommendation. The University Senates Conference has indicated that no further Senate jurisdiction is involved.

I recommend approval subject to further action by the State Board of Higher

Education.

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

REVISION AND RENAMING, CURRICULUM IN ELECTRICAL ENGINEERING AND COMPUTER SCIENCE, URBANA

(5) The Urbana-Champaign Senate has recommended the revision and renaming of the Curriculum in Electrical Engineering and Computer Science.

It is proposed that the curriculum be renamed "Computer Engineering Leading to the Degree of Bachelor of Science in Computer Engineering." The revision reduces the total number of hours required for graduation from 136 (plus physical education) to 126 (plus physical education) and reduces the number of specifically required courses, thus increasing the flexibility of the curriculum.

The curriculum proposed prescribes an adequate background in the areas of: 1) general physics and chemistry, 2) calculus and differential equations, 3) algebra and probability, 4) computer programming, 5) electric and electronic circuits.

The Chancellor at the Urbana-Champaign campus and the Executive Vice

President and Provost concur in this recommendation. The University Senates Conference has indicated that no further Senate jurisdiction is involved.

I recommend approval.

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

ADMISSION REQUIREMENTS TO THE CURRICULUM IN THEATRE, **URBANA**

(6) The Urbana-Champaign Senate has recommended that students wishing entrance into the Curriculum in Theatre must present themselves for an audition if they wish to study in the acting major and for an interview if they wish to study in the directing and playwriting bases major or in the technology and design major.

After three years of experimentation with an unrestricted admission policy, the Department of Theatre has found that too many students admitted come without full understanding of the requirements of professional training in theatre and some apparently choose a major in theatre without a sufficiently strong interest in the field. This results in a number of students doing inadequate work, while other applicants are turned away for lack of space and staff. This situation represents a waste of manpower and money. A required audition/interview will help to identify students who can profit from the kind of training the Department provides.

The Chancellor and the Dean of the College of Fine and Applied Arts at the Urbana campus and the Executive Vice President and Provost concur in this recommendation. The University Senates Conference has indicated that no further Senate jurisdiction is involved.

I recommend approval.

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

CONSIDERATION OF THE IMPLICATIONS OF THE PRESIDENT OF THE UNITED STATES' EXECUTIVE ORDER PROVIDING FOR STABILIZATION OF PRICES, RENTS, WAGES, AND SALARIES

(7) In consideration of the Executive Committee Agenda in the light of President

Nixon's Executive Order of August 15, 1971, the Committee discussed the implications for University operations. On motion of Mr. Swain, seconded by Mr. Pogue, the following general directive to the administration was approved:

That the implementation of any action of the Board of Trustees be carried out in full compliance with the President's Executive Order; and that implementation be subject to such clarification of the Executive Order as is provided.

CHANGES IN TUITION AND FEES STRUCTURE, MEDICAL CENTER

(8) The present tuition and fees structure for the College of Dentistry and the College of Medicine includes a student tuition charge which is identical to that for other educational programs within the University and a service fee which is higher than that for students in other programs. The higher service fee has been necessary to meet the obligations under the Colleges of Medicine, Dentistry, and Pharmacy Revenue Bonds of 1951 and the Medical Center Bonds of 1964, and to maintain approximate parity with other similar state-supported dental and medical schools insofar as total tuition and fees are concerned.

The present expansion of the College of Medicine to include students at the Urbana-Champaign campus, Peoria, and Rockford now requires a restructuring of the tuition and fees schedule in order to establish uniform tuition payments by

medical students regardless of the location of study.

The Chancellor at the Medical Center recommends that tuition in the College of Dentistry be set at \$228 per quarter for full-time resident students and that tuition in the College of Medicine be set at \$261 per quarter for full-time resident students. Under the proposed schedule, tuition charges will be identical for all students enrolled in the College of Medicine regardless of location of study. Service fees at the Medical Center campus for dental and medical students will be reduced to the same level as for all other students at that campus. Service fees for students in the College of Medicine enrolled at the Urbana-Champaign campus will be the same as those paid by other students at that campus. Service fees for students in the College of Medicine enrolled at Peoria or Rockford will be recommended after actual student services at those locations have been defined.

The service fee at the Medical Center is pledged to meet the operating expenses and debt service requirements of the Colleges of Medicine, Dentistry, and Pharmacy Revenue Bonds of 1951 and the Medical Center Bonds of 1964. With the shift of funds from the service fee to tuition in Medicine and Dentistry, it will be necessary to withhold additional tuition equal to the amount so transferred.

The University is authorized by statute to withhold general student tuition to the extent necessary to support revenue bond projects. Accordingly, the Chancellor at the Medical Center, the Executive Vice President and Provost, and the Vice President and Comptroller recommend that, in addition to the \$60,000 in general student tuition authorized to be withheld under the Medical Center Bond Resolution of 1964, that portion of tuition collected from students in the Colleges of Medicine and Dentistry which is in excess of the amount collected from students in other colleges at the Medical Center be withheld to support the operations covered by the Colleges of Medicine, Dentistry and Pharmacy Revenue Bonds of 1951 and the Medical Center Bonds of 1964, such amounts to be included in the Medical Center budget each year. For 1971-72, the additional amount is estimated at \$450,000, bringing the total amount of tuitions to be withheld to \$510,000.

In order to meet rising costs of operations, the Chancellor at the Medical Center recommends that the service fee at the Medical Center be set at \$50 per quarter for full time students, \$35 for Range II students, \$20 for Range III students, and \$10 for Range IV students. (In the light of subsequent clarification of the Executive Order of the President of the United States, it was determined that the recommendations as presented would be implemented as approved, with the exception of the \$4 increase in the service fee, implementation of which was deferred.)

The University Committee on Fees' has reviewed the proposal and concurs.

¹ Lyle H. Lanier, Executive Vice President and Provost, Chairman; Joseph S. Begando, Chancellor at the Medical Center campus; Herbert O. Farber, Vice President and Comptroller; E. Eugene Oliver, Director of the University Office of School and College Relations; Norman A. Parker, Chancellor at the Chicago Circle campus; J. W. Peltason, Chancellor at the Urbana-Champaign campus.

I recommend approval.

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

VOLUNTARY STUDENT ACTIVITY CONTRIBUTION, URBANA

(9) On the recommendation of the Dean of Students, the Chancellor at the Urbana-Champaign campus has recommended approval, effective September 1971, of a proposal for a voluntary student activity contribution. The funds contributed will be used by the organizations as they determine without supervision, control, or handling by the University. Only those student organizations approved for participation in the program are eligible to receive such contributions. The proposed contribution is in the amount of \$3 per semester or summer session and can be given by the student to only one of the designated student organizations.

For the past several years, numerous discussions, studies, and one referendum of the student body have addressed the issue of a student assessment, both voluntary and mandatory. During this past year, proposals were made in reference to a mandatory assessment, but a compromise was never reached as student leaders did not wish to accept the regulations placed on these kinds of funds. Accordingly, since the need for student activity money clearly exists, a voluntary contribution is

proposed

The Dean of Students feels the matter of student organization participation is one for student resolution and therefore the Policy Committee on Student Affairs has been asked to recommend criteria for approving student organizations to be listed to receive these contributions. Until a quorum for the Policy Committee on Student Affairs can be formed and criteria can be established, the two elected student governing bodies, Graduate Student Association (GSA) and Undergraduate Student Association (UGSA), were asked by the Dean of Students to recommend those organizations eligible for participation for the fall of 1971. They are: the Graduate Student Association, the Undergraduate Student Association, and the Black Student Association.

Each organization receiving funds eventually may be held accountable to its constituency for the priorities it assigns, and students may evidence their interest either by referenda, recall, or other means for GSA or UGSA, or by contributing or not contributing

The funds collected during regular and late registration will be deposited in a University agency account. Expenses of collection incurred by the University will be deducted from the amount contributed to each organization in proportion to the total contribution. The disbursement of these funds to the student organizations will

terminate University involvement relative to such funds.

Plans for the implementation of collection of the student activity contribution have been prepared. Briefly stated, each registering student will be given information underscoring the voluntary nature of this contribution. This information will be mailed with the pre-registration material as well as being a part of the package of cards issued to him at registration. The regular University fee assessment and collection card will contain space so that students who wish to contribute to one of the three authorized student organizations may do so by the simple insertion of the appropriate code for that organization and the sum of \$3. There will be no split contributions. If a student does not wish to contribute, no action is required. It will be clearly indicated on the pre-registration material, the registration material, and by signs in the Armory that this is a voluntary contribution. It is not mandatory and once paid is non-refundable. The collection will be made by the University at regular registration cashier stations staffed by University employees.

I recommend approval.

Mr. Pogue moved acceptance of the recommendation as proposed. Mr. Swain moved that the motion be amended to provide for a review of the voluntary contribution plan at the end of one year's experience. The motion as amended was approved.

POLICY FOR LEISURE-TIME RECREATIONAL USE OF BUILDINGS, URBANA

(10) The Chancellor at the Urbana-Champaign campus and the President of the University are prepared to give administrative approval to a plan for the leisure-

time recreational use of certain facilities at the Urbana campus. (A copy of Chancellor Peltason's letter outlining the plan is being filed with the Secretary of the Board.)

Briefly stated, the plan provides for the availability of certain buildings for leisure-time recreational use by students, and others as are identified, on a charge basis; and provides for specific charges for specific types of usage. Provision is also made for charges to guests and for use without charge, where appropriate, by members of organizations or groups who participate in community service programs as approved by the College of Physical Education.

Accordingly, it is recommended that the Board of Trustees approve the general policy of making charges and expending funds received for the purposes indicated, with the understanding that adjustments in charges and in the administration of the policy will be made by the Chancellor from time to time, in the light of experience

and changing conditions.

This recommendation is presented at the request of the Chancellor at Urbana-Champaign and with the concurrence of the Vice President and Comptroller and the President of the University.

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

CHANGE IN BIDDING PRIORITY ON THE UTILITIES BUILDING ADDITION, PHASE III, CHICAGO CIRCLE

(11) The Utilities Building Addition, Phase III, has a relatively low priority in the priority bidding schedule established by the Board of Higher Education, but this project will be required to activate the Science and Engineering (Engineering and Classrooms Addition) project which is fourth in the priorities schedule for bidding in the first quarter of 1972.

Under the "Capital Projects Priorities Policy and Procedures" adopted July 6, 1971, by the Board of Higher Education, the governing boards may request that projects requiring phased relationship be coupled. Accordingly, the President, with the concurrence of appropriate administrative officers, recommends that authority be granted to submit the following request to the Board of Higher Education.

The Power Plant Addition, Phase III (No. 76-005), was requested to meet the increased heating requirements resulting from the construction of the Science and Engineering (Engineering and Classrooms) Project (No. 76-003). This project, plus the Classroom Office-Student Services Building (No. 76-001), are fourth and fifth in the Priority Group I for bidding in the first quarter of FY1972 as approved by the Board of Higher Education (June 1, 1971).

In accordance with Section IV, H of the "Capital Projects Priorities Policies and Procedures" approved by the Board of Higher Education July 6, 1971, the University of Illinois requests that the Power Plant Addition, Phase III (No. 76-005), be coupled in phase relationship with the Science and Engineering (Engineering and Classrooms) Project (No. 76-003) and assigned the same priority.

On motion of Mr. Pogue, authority was granted as recommended.

REQUEST TO WAIVE BUILDING EFFICIENCY CRITERIA, MEDICAL SCIENCES BUILDING, URBANA

(12) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Board of Higher Education be requested to waive its building efficiency criteria in accordance with *Procedures and Criteria for Review of Net-to-Gross Building Efficiency* dated July 6, 1971, for the Medical Sciences Building being planned for the Urbana campus.

The net-to-gross ratio for the Medical Sciences Building project at the 50 per cent completion stage of the working drawings is 58.11 per cent. The standard of 60 per cent is not feasible for this project due to the restrictive site and the high percentage of mechanical and circulation areas required by the building program.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Hughes, Mr. Pogue, Mr. Swain; no, none; absent, none.

EMPLOYMENT OF ARCHITECT FOR FEASIBILTY STUDY IN THE COMPLETION OF SEVERAL UNFINISHED AREAS IN THE CHICAGO CIRCLE CENTER, CHICAGO CIRCLE

(13) The President of the University, with the concurrence of appropriate administrative officers, recommends the employment of C. F. Murphy Associates, Chicago, for a design concept and feasibility study of the completion of several unfinished areas in the Chicago Circle Center at the Chicago Circle campus at a fee based on actual salaries and wages plus 150 per cent, plus reimbursable expenses authorized by the University, with a total cost not to exceed \$25,000.

The Advisory Committee on Architectural and Engineering Services and the

Buildings and Grounds Committee have approved this recommendation. Funds are available in the Chicago Circle Center Reserve Account for Repairs

and Replacements.

On motion of Mr. Pogue, this recommendation was approved by the following vote: Aye, Mr. Hughes, Mr. Pogue, Mr. Swain: no, none: absent, none.

EMPLOYMENT OF PROGRAM PLANNING CONSULTANTS. MEDICAL CENTER

(14) The President of the University, with the concurrence of appropriate administrative officers, recommends the further employment of Lester Gorsline Associates, Belvedere-Tiburon, California, for consulting services which will complete definitive program planning of new facilities for the University of Illinois Hospital.

The work now proposed consists of a definitive space program for new hospital facilities and the re-use of existing space. This work will provide the detailed space, equipment, systems, and relationship information required to prepare architectural drawings for replacement hospital facilities. It also proposes that, working in conjunction with the administration and staff of the University Hospital and other units of the Medical Center campus, the consultant will provide a detailed plan for the re-use of existing space necessary to complete the total program of patient care and related resource requirements.

The consultant's fee for these services will not exceed \$157,000 including outof-pocket expenses. Funds are available in the University of Illinois Hospital

patient income account.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Hughes, Mr. Pogue, Mr. Swain; no, none; absent, none.

ACQUISITION OF FEDERAL SURPLUS PROPERTY, RANTOUL, ILLINOIS

(15) The federal government has declared as surplus property a 1.09 acre tract east of Chanute Air Force Base, Rantoul, which is improved with security fencing and a one-story building of frame construction. The property has been known as the former Chanute Radio Beacon Annex.

The Federal Property and Administrative Services Act of 1949, as amended, authorizes the Secretary of Health, Education, and Welfare to transfer federal surplus property to states, their political subdivisions, instrumentalities, and tax supported institutions for educational or public health use, including research, at a public benefit allowance varying from 50 per cent to 100 per cent depending on the type of facility and the proposed program. In this instance, the public benefit allowance would be 100 per cent. However, the applicant would be required to pay any external administrative costs incurred incidental to transfer such as for surveys or appraisals desired, legal fees, and recording or closing costs. Funds for these relatively minor costs and maintenance of the property are available in the operating budget of the Department of Electrical Engineering at the Urbana-Champaign campus.

The Department of Electrical Engineering has indicated a need for the land for expansion of research facilities to implement new experiments in lower iono-

sphere studies now being conducted by the Aeronomy Lab.

The Vice President and Comptroller recommends that the Board of Trustees

adopt the following resolution which is required for the filing of an application for transfer of the property to the University.

I concur.

Resolution Regarding Chanute Radio Beacon Annex, Champaign County, Illinois D-ILL-476L On-Site

WHEREAS, certain real property owned by the United States; located in the County of Champaign, State of Illinois, Rantoul Township (D-Ill-476L), has been declared surplus and is subject to assignment for disposal for educational or public health purposes by the Secretary of Health, Education, and Welfare, under the provisions of Section 203 (k)(1) of the Federal Property and Administration Services Act of 1949 (63 Stat. 377), as amended, and rules and regulations promulgated pursuant thereto, more particularly described as follows:

"The following parcel of land located in the Northwest quarter (NW 1/4) of Section 8, Township 21 North, Range 10 East of the 3rd Principal Meridian, County of Champaign, State of Illinois, to-wit: commencing at the Northwest corner of said Section 8; thence South along the West line of said Section 8, 2060 feet to the point of beginning; thence East 125 feet; thence South 380 feet to a point 125 Feet East of the West line of said Section 8; thence West 125 feet to the West line of said Section 8; thence West 125 feet to the West line of said Section 8; thence North along the said section line to the point of beginning including all improvements thereon and subject to existing easements; and"

WHEREAS, THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, needs and can utilize said property for EDUCATIONAL RE-SEARCH purposes in accordance with the requirements of said Act and the rules and regulations promulgated thereunder;

Now, Therefore, Be 1t Resolved, that THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS shall make application to the Secretary of Health, Education, and Welfare for and secure the transfer to it of the abovementioned property for said use upon and subject to such exceptions, reservations, terms, covenants, agreements, conditions, and restrictions as the Secretary of Health, Education, and Welfare, or his authorized representative, may require in connection with the disposal of said property under said Act and the rules and regulations issued pursuant thereto; and

Be It Further Resolved that THE BOARD OF TRUSTEES OF THE UNI-VERSITY OF ILLINOIS, has legal authority, is willing, and is in a position to assume immediate care and maintenance of the property, and that H. O. FARBER, COMPTROLLER, be and he hereby is authorized, for and on behalf of THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, to do and perform any and all acts and things which may be necessary to carry out the foregoing resolution, including the preparing, making, and filing of plans, applications, reports, and other documents, the execution, acceptance, delivery, and recordation of agreements, deeds, and other instruments pertaining to the transfer of said property, and the payment of any and all sums necessary on account of the purchase price thereof or on account of fees or costs incurred in connection with the transfer of said property for surveys, title searches, appraisals, recordation of instruments, or escrow costs.

On motion of Mr. Pogue, the foregoing resolution was adopted.

LEASE WITH HENDRICK DORMS, INC., URBANA

(16) The President of the University recommends that the Comptroller and the Secretary of the Board of Trustees be authorized to execute a lease for the second and third floors and Room 127 of Hendrick House at 904 West Green Street, Urbana, to provide housing and meals for individuals attending courses offered by the Police Training Institute between September 12, 1971, and July 8, 1972.

Hendrick Dorms, Inc. will make available 100 spaces during the period and

will arrange for parking and bus service between Hendrick House and the Univer-

sity classrooms for the sum of \$88,827.

In addition, meals will be provided at the rate of \$19.40 per week per registrant. The cost of the contract will be recovered through charges to the registrants.

On motion of Mr. Swain, authority was given as recommended by the following vote: Aye, Mr. Hughes, Mr. Pogue, Mr. Swain; no, none; absent, none.

ESTATE OF GEORGIANA D. THEOBALD

(17) The will of Georgiana D. Theobald contains the following bequest:

"FIFTH: I give and bequeath to each of the following organizations the sum set opposite its name:

(a) UNIVERSITY OF ILLINOIS Eye Pathology Laboratory the sum of TEN THOUSAND DOLLARS (\$10,000.00), to be used at the 'Eye & Ear Infirmary';

The executor of the estate has requested that The Board of Trustees of the University of Illinois adopt a formal resolution under which the University agrees to accept the bequest and abide by all the terms and conditions respecting this bequest.

I recommend acceptance of the bequest and adoption of the following reso-

lution:

Resolution

WHEREAS, The Board of Trustees of the University of Illinois (hereinafter called "University") is the beneficiary designated in the Last Will and Testament of Georgiana D. Theobald, deceased, as "UNIVERSITY OF ILLINOIS Eye Pathology Laboratory" as the legatee of a bequest of \$10,000; and

WHEREAS, the deceased directed that said bequest be used at the University's

Eye and Ear Infirmary; and

Whereas, the Executor has requested the University to expressly and specifically accept said bequest;

Now, Therefore, Be It Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the bequest made to the University under the Last Will and Testament of Georgiana D. Theobald, be and it hereby is, accepted upon the terms and conditions set forth in the will; and

Be It Further Resolved that the Comptroller, H. O. Farber, and the Secretary, Earl W. Porter, of this corporation be, and they hereby are, authorized and directed to execute in the name of and on behalf of this corporation such receipts and documents, and to take such other action in connection therewith, as said Comptroller and Secretary may deem necessary or desirable to evidence or show the acceptance of such bequest by this corporation.

On motion of Mr. Pogue, the recommendation was approved and the foregoing resolution was adopted.

PURCHASES

(18) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller;

also purchases authorized by the 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, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds Recommended	¢174	000	02
	φ1/ +	009	oo
From Institutional Funds			
Authorized			
Recommended			
Total	\$320	913	94
Grand Total	\$494	923	77
A complete list of the purchases, with supporting information, i	ncludi	ing 1	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. Swain, the purchases authorized by the President were confirmed, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(19) The Vice President and Comptroller also submitted a report of purchases approved by him on recommendation of the Directors of Purchases in amounts of \$5,000 to \$7,500. A copy of this report is filed with the Secretary.

This report was received for record.

The business of the meeting having been completed, on motion of Mr. Swain, the Executive Committee adjourned.

EARL W. PORTER

Secretary and Clerk

ROGER B. POGUE TIMOTHY W. SWAIN EARL M. HUGHES, Chairman

On motion of Mr. Grimes, the Board ratified, approved, and confirmed all of the actions of the Executive Committee as reported.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY The Board considered the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

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

The President also presented the following statement for the information of the Trustees:

On September 8, 1971, the State Board of Higher Education approved certain recommendations of its Executive Director related to the financing of public higher education in Illinois for fiscal year 1972. Following that meeting of the State Board, we have been asked a number of times to indicate publicly the position of the University of Illinois with regard to those recommendations. The administration has stated and will continue to state until advised otherwise by this Board that the University of Illinois's position was established on July 21, 1971, and we will govern our actions within this stated position.

¹On September 8 the Illinois Board of Higher Education approved the following recommendations as proposed by the Executive Director:

We urge the Board to recommend to the governing systems that, with the exception of the tuition question, they accept the figures currently in effect, that they make no further attempts to restore budgetary reductions, and that they continue to plan for the remainder of the fiscal year. We also recommend that the Board ask those systems which have not already adopted the tuition increases originally proposed in December, 1970, to do so at the earliest possible date, effective at the conclusion of the wage-price freeze, and that the systems join the Board in urging the General Assembly to appropriate them in this fiscal year.

² On July 21 the Board of Trustees approved the following recommendations of the President of the University:

President of the University:

A. That the Board of Trustees urge the General Assembly to rescind the Governor's net reduction of \$5,839,672 in the "Personal Services" item of Section 1 of Senate Bill 717. This amount would then be available for general salary and wage increases. Other reductions made by the Governor will have serious impact upon University operations — especially in view of intractable price increases — but the loss of personal-services funds is far more critical.

B. The decision as to whether there will be a tuition increase will be deferred until after the General Assembly has decided whether or not it supports the Governor's position that a tuition increase should be imposed and that a deficiency appropriation making the money available should be approved.

C. That the Board of Trustees urge the General Assembly to restore the reductions in the item for retirement contributions — in the interest of the financial stability of the Universities Retirement System, the economic security of its future beneficiaries, and its comparative attractiveness to prospective faculty members.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy, pursuant to Rule 16(d) of the Regulations, recommends that the certificate of Certified Public Accountant be awarded to six candidates who passed the standard written examination and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended. A list of the candidates is filed with the Secretary.

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to 350 candidates who passed the standard written examination given in May 1971 and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended. A

list of the candidates is filed with the Secretary.

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 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. A list of the candidates is filed with the Secretary.

I concur.

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

ACTING DEANSHIP OF THE COLLEGE OF NURSING, MEDICAL CENTER

(2) The Chancellor at the Medical Center campus has recommended that Dr. Virginia M. Ohlson, Professor and Head of the Department of Public Health Nursing, be appointed Acting Dean of the College of Nursing effective September 15, 1971, and continuing through August 31, 1972, or until such prior time as a dean is appointed, on a twelve-month service basis, at an annual salary of \$26,000.

Dr. Ohlson will succeed Dean Mary K. Mullane, who asked to be relieved of this administrative assignment as of August 31, 1971. Dean Mullane will continue

on the faculty of the College of Nursing as Professor of General Nursing.

A faculty-student consultative committee was appointed several months ago to assist in the search for a person to fill the deanship of the College of Nursing. The committee has made its report, and negotiations with specific candidates are

This recommendation is endorsed by the Executive Committee of the College.

The Executive Vice President and Provost concurs.

I recommend approval.

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

APPOINTMENTS TO THE FACULTY

(3) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meet-

ing 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; P—indefinite term appointment for part-time service only; B—two years; D—one year; E—nine months from the beginning of the academic year; F—one-year appointment ending other than August 31; G—special tenure; Q—initial term appointment for a Professor or Associate Professor; T—terminal appointment, accompanied with or preceded by notice of non-reappointment; W—one-year appointment subject to special written agreement; Y—twelve months' service required instead of two semesters; X — percentages opposite X are for the academic year; full-time summer service is indicated by "S"; 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., D75 means one year on three-fourths time).

Chicago Circle

1. Daniel J. Amick, Research Assistant Professor in Survey Research Laboratory and Assistant Professor of Sociology, beginning July 1, 1971 (1Y), at an annual salary of \$16,000.

- 2. ALEX BHANOS, Assistant Professor of Marketing, beginning September 1, 1971 (1), at an annual salary of \$13,500.
- 3. G. Benjamin Bouck, Professor of Biological Sciences, beginning September 1, 1971 (A), at an annual salary of \$19,500.
- 4. Don R. Bowen, Associate Professor of Political Science, beginning September 1, 1971 (A), at an annual salary of \$17,000.
- 5. ELINOR R. BOWEN, Assistant Professor of Political Science, beginning Septem-
- ber 1, 1971 (3), at an annual salary of \$13,000.
 6. H. Woods Bowman, Assistant Professor of Economics, beginning September
- 1, 1971 (1), at an annual salary of \$14,000.

 7. Melvyn Rowen Churchill, Professor of Chemistry, beginning September 1, 1971 (A), at an annual salary of \$18,000.
- 8. PHYLLIS A. EWER, Assistant Professor of Sociology, beginning September 1, 1971 (1), at an annual salary of \$13,000.
- 9. SYLVIA M. GLADISH, Assistant Professor of French, beginning September 1, 1971 (1), at an annual salary of \$11,600.
- 10. JEFFREY S. LEON, Assistant Professor of Mathematics, beginning September 1, 1971 (1), at an annual salary of \$11,500.
- 11. RICHARD S. LEVY, Assistant Professor of History, beginning September 1, 1971 (1), at an annual salary of \$12,500.
- 12. Sue-Chin Lin, Associate Professor of Mathematics, beginning September 1,
- 1971 (A), at an annual salary of \$15,500.

 13. John F. Lussenhop, Assistant Professor of Biological Sciences, beginning September 1, 1971 (1), at an annual salary of \$11,000.
- 14. Keith Morrison, Associate Professor of Art, beginning September 1, 1971 (A), at an annual salary of \$17,000.
- KLAUS MÜLLER-BERGH, Associate Professor of Spanish, beginning September 1, 1971 (A), at an annual salary of \$16,000.
 KENNETH W. NEWMAN, Assistant Professor of Mathematics, beginning September 1, 1971 (A)
- tember 1, 1971 (1), at an annual salary of \$13,500.
- 17. JOHN L. SEMMLOW, Assistant Professor of Bioengineering in Information En-
- gineering, beginning September 1, 1971 (1), at an annual salary of \$12,700.

 18. ALVIN D. STAR, Associate Dean, College of Business Administration, and Associate Professor of Marketing, beginning July 1, 1971 (DY, A), at an annual salary of \$20,000.
- Joan Wallace, Associate Professor, Jane Addams Graduate School of Social Work, beginning September 1, 1971 (Q), at an annual salary of \$16,500.
- 20. John A. Williams, Assistant Professor of History, beginning September 1, 1971 (1), at an annual salary of \$12,000.

Medical Center

- 21. FAIQ J. AL-BAZZAZ, Assistant Professor of Medicine, The Abraham Lincoln School of Medicine, beginning August 1, 1971 (1Y), at an annual salary of
- 22. EMMY ANDRI, Assistant Professor of Medicine, Peoria School of Medicine, beginning March 1, 1971, on one-half time (DY50), at an annual salary of \$14,000.
- 23. DAVID J. APPLE, Assistant Professor of Ophthalmology and Pathology, The Abraham Lincoln School of Medicine, beginning July 1, 1971 (1Y), at an annual salary of \$26,000.
- 24. WILLIAM ASHLEY, Assistant Professor of Medicine, The Abraham Lincoln School of Medicine, beginning August 1, 1971, on one-half time (DY50), at an annual salary of \$14,000.
- 25. Sandra Joan Benzies, Assistant Professor, Curriculum in Physical Therapy, School of Associated Medical Sciences, College of Medicine, beginning August 1, 1971 (1Y), at an annual salary of \$14,600.
- 26. MARY EILEEN BEVIS, Assistant Professor of Medical-Surgical Nursing, College
- of Nursing, beginning September 1, 1971 (1), at an annual salary of \$15,000.

 27. Glenn F. Boas, Assistant Professor of Operative Dentistry, College of Dentistry, beginning September 1, 1971, on one-fifth time (BY20), at an annual salary of \$2,400.
- 28. Win Loung Chiou, Assistant Professor of Pharmacy, beginning September 1, 1971 (1Y), at an annual salary of \$17,000.

- 29. IRA W. Du Brow, Assistant Professor of Pediatrics, The Abraham Lincoln School of Medicine, beginning August 1, 1971 (1Y), at an annual salary of \$20,000.
- John Wheeler Everingham, Associate Professor of Histology, College of Dentistry, beginning September 1, 1971 (AY), at an annual salary of \$18,000.
 Vincent L. Fiocca, Assistant Professor of Operative Dentistry, College of Dentistry, beginning September 1, 1971 (1Y), at an annual salary of \$18,000.
- 32. WILLIAM GOTTSCHALK, Professor of Obstetrics and Gynecology, and Professor of Anesthesiology in Surgery, The Abraham Lincoln School of Medicine, be-
- ginning July 1, 1971 (AY), at an annual salary of \$39,000.

 33. M. MARIAN K. HOFFMAN, Associate Professor of Public Health Nursing, College of Nursing, beginning September 1, 1971 (A), at an annual salary of \$17,000.
- 34. HARRY G. KNECHT, Assistant Professor, Curriculum in Physical Therapy, School of Associated Medical Sciences, College of Medicine, beginning July 14, 1971 (1Y), at an annual salary of \$15,400.
- 35. CLAUDETTE A. LUKASIK, Assistant Professor of Public Health Nursing, College
- of Nursing, beginning September 1, 1971 (1Y), at an annual salary of \$14,500.

 36. Gholam A. Peyman, Assistant Professor of Ophthalmology, The Abraham Lincoln School of Medicine, on one-half time, beginning July 1, 1971 (DY50), at an annual salary of \$9,000.
- 37. ABDUL SAJID, Assistant Professor of Medical Education, Center for Educational Development, College of Medicine, beginning September 1, 1971 (1Y), at an annual salary of \$15,000.
- 38. JERRY A. TREPPA, Assistant Dean for Counseling Services with rank of Assistant Professor, Office of Student Affairs, beginning August 1, 1971 (1Y), at an annual salary of \$16,000.
- 39. DONALD E. WILSON, Assistant Professor of Medicine, The Abraham Lincoln School of Medicine, beginning August 1, 1971 (1Y), at an annual salary of \$31,000.

Urbana-Champaign

- 40. STEVEN R. ASHER, Assistant Professor of Educational Psychology, beginning September 1, 1971 (1), at an annual salary of \$12,000.
- 41. George O. Batzli, Assistant Professor of Zoology, beginning September 1,
- 1971 (1), at an annual salary of \$12,500.

 42. Bobby J. Calder, Assistant Professor of Business Administration and in Psychology beginning September 1, 1971 (1), at an annual salary of \$14,500.
- 43. MICHAEL G. GABRIDGE, Assistant Professor of Microbiology and in School of Basic Medical Sciences, beginning September 1, 1971 (1Y), at an annual salary of \$15,800.
- 44. BISHWA N. GANGULY, Research Assistant Professor of Physics, beginning September 1, 1971 (TY), at an annual salary of \$11,000.
- 45. Janet Harris, Assistant Professor of Physiology and in the School of Basic Medical Sciences, beginning September 1, 1971 (1Y), at an annual salary of
- 46. JACK D. HENRY, JR., Assistant Professor of Veterinary Clinical Medicine, beginning July 6, 1971 (1Y), at an annual salary of \$16,000.
 47. Benita S. Katzenellenbogen, Assistant Professor of Physiology and in the
- School of Basic Medical Sciences, beginning September 1, 1971 (1Y), at an annual salary of \$16,000.
- Gerald R. Salancik, Assistant Professor of Business Administration and of Psychology, beginning September 1, 1971 (1), at an annual salary of \$15,000.
 Robert N. Schoeplein, Associate Professor of Economics and in the Institute
- of Government and Public Affairs, beginning September 1, 1971 (A), at an annual salary of \$17,000.
- 50. MARCIA R. SCHRAMM, Assistant Professor of Dance, beginning September 1, 1971 (1), at an annual salary of \$10,000.
- 51. EDWARD SEIDMAN, Assistant Professor of Psychology, beginning September 1, 1971 (1), at an annual salary of \$13,000.
- 52. RICHARD L. TAVIS, Associate Professor of Architecture and Associate Head of Department, beginning September 1, 1971 (A, BY), at an annual salary of \$20,000.

- 53. PAUL L. TAYLOR, Assistant Professor of Veterinary Pathology and Hygiene and in Zoonoses and Comparative Medicine, beginning September 1, 1971 (1Y), at an annual salary of \$19,500.
- 54. George V. Trieschmann, Associate Professor of Architecture, beginning Sep-
- tember 1, 1971 (A), at an annual salary of \$15,000.

 55. Helen Drew Turner, Professor of Home Economics and Acting Head of Department, beginning September 1, 1971 (QY), at an annual salary of \$24,000.

 56. James E. Vander Mey, Assistant Professor of Computer Science, beginning
- September 1, 1971 (1), at an annual salary of \$13,500.
- 57. Ione D. Vargus, Assistant Professor of Social Work, Jane Addams Graduate School of Social Work, beginning September 1, 1971 (1Y), at an annual salary
- of \$19,000. 58. Thomas R. Wilcox, Assistant Professor of Computer Science, Graduate College, beginning September 1, 1971 (1), at an annual salary of \$13,000.

Visiting Staff

- 59. JAMES L. BICKSLER, Visiting Associate Professor of Finance, Chicago Circle,
- for the academic year 1971-72 (E), at a salary of \$18,000.

 60. Trevor E. Gambling, Visiting Professor of Accountancy, Urbana, for the second semester 1971-72 (E), at a salary of \$12,000.

 61. Manfred Gsteiger, Visiting Professor of Germanic Languages and Literatures
- and Comparative Literature, Urbana, for the period from September 1, 1971, through January 31, 1972 (G), at a salary of \$8,700.

 62. Dale Hamilton, Visiting Assistant Professor of Secondary and Continuing
- Education on one-half time, and of Music on one-third time and Visiting Counselor in Council on Teacher Education on one-sixth time, Urbana, for the academic year 1971-72 (E), at a salary of \$15,300.
 - On motion of Mr. Howard, these appointments were confirmed.

SABBATICAL LEAVE OF ABSENCE, 1971-72

(4) The Chancellor at Urbana-Champaign has recommended that the following faculty member be given a sabbatical leave of absence in accordance with the provisions of the University of Illinois Statutes and on the terms and for the period indicated.

College of Agriculture

Department of Dairy Science

IOHN H. BYERS, Associate Professor of Dairy Science, Four months beginning May 1, 1972, full pay.

This recommendation is supplementary to the applications recommended to the Board of Trustees on March 17, 1971.

I concur.

On motion of Mr. Grimes, this leave was granted as recommended.

HOSPITAL AFFILIATION AGREEMENT FOR THE ROCKFORD SCHOOL OF MEDICINE, COLLEGE OF MEDICINE, MEDICAL CENTER

(5) The Board of Higher Education's report, Education in the Health Fields for State of Illinois (June 1968), recommends that the University of Illinois College of Medicine expand its program of medical education by use of existing clinical facilities in regions throughout the state of Illinois.

On July 23, 1969, the Board of Trustees authorized the College of Medicine to institute organizational and administrative arrangements through which an expanded program in medical education would be developed and conducted. The plan was endorsed by the Board of Higher Education on November 4, 1969. The reorganization plan for the College of Medicine included the establishment of several semi-autonomous "schools" within the College. To date, the Board has authorized the following schools: School of Basic Medical Sciences at the Medical Center; School of Basic Medical Sciences at Urbana-Champaign; The Abraham Lincoln School of Medicine at the Medical Center; Peoria School of Medicine at Peoria; and Rockford School of Medicine at Rockford.

Also on July 23, 1969, the Board of Trustees authorized the Dean (now Execu-

tive Dean) of the College of Medicine to proceed with affiliation negotiations with hospitals in Peoria and hospitals in Rockford. On June 16, 1971, the Board of Trustees approved hospital affiliation agreements for the Peoria School of Medicine. The Board has also approved affiliations with a group of Chicago area hospitals and with a group of Urbana-Champaign area hospitals. To implement further the recommendation of the Board of Higher Education with respect to the use of existing clinical facilities, the Dean of the Rockford School of Medicine, the Executive Dean of the College of Medicine, the Chancellor at the Medical Center campus, and the Executive Vice President and Provost request authorization to execute a proposed affiliation agreement with the Rockford Memorial Hospital Association, an Illinois not-for-profit corporation, owner and operator of the institution known as Rockford Memorial Hospital; The Sisters of The Third Order of St. Francis, an Illinois not-for-profit corporation, owner and operator of the institution known as St. Anthony Hospital; the Department of Mental Health of the State of Illinois, owner and operator of the institution known as Swedish-American Hospital; and Rockford Medical Education Foundation, an Illinois not-for-profit corporation, owner and operator of the institution known as Swedish-American Hospital; and Rockford Medical Education Foundation, an Illinois not-for-profit corporation. The affiliation agreement, when approved and executed, will provide support for the medical education program of the Rockford School of Medicine.

I recommend approval.

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

REQUEST TO ILLINOIS BUILDING AUTHORITY FOR IMPROVEMENTS TO ABBOTT POWER PLANT, URBANA

(6) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to award the following contracts for three divisions of work for equipment required in the installation of three new oil-fired boilers at the Abbott Power Plant at the Urbana-Champaign campus, the awards for Divisions V-A-1 and V-A-3 being on the base bid and for Division V-A-2 being on the alternate bid:

Closed Feedwater Heaters (Division V-A-1): Struthers Wells Corpo-		
ration acting through its Struthers Nuclear & Process Company		
division, Warren, Pennsylvania	\$ 9	500
Boiler Feedwater Pumps (Division V-A-2): Ingersoll-Rand Company,		
Elmhurst, Illinois	3.	5 297
Direct Contact Deaerating Feedwater Pumps (Division V-A-3): Chi-		
cago Heater Company, Mineola, New York	26	5 132
Total	\$ 70	929

Funds for this work are available in the project budget.

A report from the Office of Physical Plant Planning and Construction including a schedule of bids received has been filed with the Secretary of the Board for record.

On motion of Mr. Hahn, this recommendation was approved by the following vote: Aye, Mr. Forsyth, Mr. Grimes, Mr. Hahn, Mr. Howard, Mr. Hughes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie, Mr. Steger.

REQUEST TO ILLINOIS BUILDING AUTHORITY FOR CHANGE ORDER TO ARCHITECTURAL PROFESSIONAL SERVICES AGREEMENT FOR CIVIL ENGINEERING BUILDING, PHASE IIA, URBANA

(7) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to approve a change order increasing the Architectural Professional Services Agreement with Richardson, Severns, Scheeler & Associates, Inc., Champaign, associated with Berger-Kelley-Unteed & Associates, Champaign, in an amount not to exceed

¹ A copy of the affiliation agreement is being filed with the Secretary of the Board of record.

\$60,000 for all professional and construction work necessary to modify the hydraulic flumes in the Civil Engineering Building, Phase IIA, at the Urbana-Champaign campus.

Funds are available in the project budget.

A memorandum from the Office of Physical Plant Planning and Construction has been filed with the Secretary of the Board for record.

On motion of Mr. Forsyth, this recommendation was approved by the following vote: Aye, Mr. Forsyth, Mr. Grimes, Mr. Hahn, Mr. Howard, Mr. Hughes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie, Mr. Steger.

CHANGE IN AGREEMENT WITH ARCHITECTS FOR SPEECH AND HEARING CLINIC, URBANA

(8) On June 20, 1967, the Board of Trustees employed the firm of Ezra Gordon, Jack Levin & Associates, Chicago, for complete architectural and engineering services for the Speech and Hearing Clinic at a fee of 6 per cent of the construction cost. The initial authorization was limited to the completion of the schematic and design development phases, at which time the architect's work was suspended because the project was not authorized by the legislature. The Seventy-seventh General Assembly has declared this project to be in the public interest for financing by the Illinois Building Authority. It is now proposed that the old agreement be superseded by a new contract increasing the architect's scope of work and expenses and incorporating standard contract provisions currently in use.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends termination of the existing agreement and authorization of a new agreement with the same firm on a fee basis of 7 per cent of the construction cost to cover the increased scope of work and expenses to the architect, with the understanding that the University will be given full credit

for fees previously paid.

Funds are available in state capital appropriations in the amount of \$42,500 and have been released by the Governor. The balance of the planning funds is included in the declaration of public interest.

It is further recommended that at the appropriate time the Architectural Professional Services Agreement be assigned to the Illinois Building Authority.

On motion of Mr. Pogue, these recommendations were approved by the following vote: Aye, Mr. Forsyth, Mr. Grimes, Mr. Hahn, Mr. Howard, Mr. Hughes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie. Mr. Steger.

LEASE OF SPACE FOR PEORIA SCHOOL OF MEDICINE

- (9) The President of the University, with the concurrence of appropriate administrative officers, recommends, subject to availability of funds, execution of a lease agreement with Bradley University, Peoria. The lease agreement would provide for the leasing of space for the Peoria School of Medicine as follows:
- (a) the leasing of space in Burgess Hall and/or Sisson Hall at a base rental rate of \$2.30 per net assignable square foot (NASF) per year for complete rental and operation of the leased premises subject to price index changes as outlined

(b) as additional rental, reimbursement to Bradley University for remodeling costs incurred as a result of University requirements;
(c) up to ten parking spaces at a cost of \$50.00 per space per year for staff and

visitor parking.

The initial lease period is to begin on or about November 1, 1971, or whenever the space is remodeled for occupancy, and extend through June 30, 1972, with the option to renew for additional one-year periods through June 30, 1975. The University of Illinois will have the option of increasing the amount of space as required during the lease and option periods at the same base rental rate subject to annual increases or decreases beginning July 1, 1972, through June 30, 1975. (Such calculations will utilize the first quarter index each year, to reflect annual changes

from and using as a base the first quarter index for 1971 of "Implicit Price Deflator for Gross National Product for State and Local Government Purchases of Goods and Services" as published in the Survey of Current Business by the United States Department of Commerce.) Provision is also made for further annual renewal periods beginning July 1, 1976, and extending through June 30, 1981, subject to a successful negotiation, prior to June 30, 1976, of a mutually acceptable rental rate for such period.

The initial lease will be for 6,411 NASF and the quantity of space thereafter will be increased periodically as required. The total net assignable area of Sisson Hall and Burgess Hall available for lease consists of approximately 33,000 NASF.

The total rental and operating costs and remodeling reimbursement including parking for Fiscal Year (FY) 1972 is estimated to be \$63,500. Funds for FY 1972 are available in the operating budget of the College of Medicine and from a federal grant to the College for increasing health manpower. Funds required after FY 1972 will be requested in the operating budget of the College of Medicine on an annual

It is also recommended that the Vice President and Comptroller be authorized to modify this lease as required upon the same terms and conditions as outlined above, to provide for increased quantities of space as remodeling costs are defined and as funds are available.

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Forsyth, Mr. Grimes, Mr. Hahn, Mr. Howard, Mr. Hughes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Oglivie, Mr. Steger.

LEASE OF SPACE AND OPTION TO PURCHASE PROPERTY FOR ROCKFORD SCHOOL OF MEDICINE

(10) The President of the University, with the concurrence of appropriate administrative officers, recommends, subject to the availability of funds, execution of a lease agreement, with an option to purchase as outlined below, with the City of Rockford and The Board of Directors of the Rockford Municipal Tuberculosis Sanitarium. The agreement would provide for the leasing of space for the Rockford School of Medicine in the Rockford Municipal Tuberculosis Sanitarium building, 1601 Parkview Avenue, Rockford, Illinois, at a base rental rate of \$4.78 per net assignable square foot (NASF) per year for complete rental and operation of the leased premises, plus, as additional rental, reimbursement to the City and the Sanitarium for costs incurred in remodeling space required by the University. The lease period is to begin on or about October 1, 1971, and extend through June 30, 1972, with an option to renew for additional one-year periods through June 30, 1975. There is also the option of increasing the amount of leased space as required during the lease and option periods at the same base rental rate plus additional rent for remodeling reimbursement. The University currently leases office space in the Sanitarium building and it is recommended that this lease be terminated as of October 1, 1971, and superseded by the above lease.

Authorization at this time will provide space for students for the fall of 1972. The initial lease will be for 1,250 NASF, to be increased to approximately 7,300 NASF by June 30, 1972. Thereafter the quantity of space will be increased periodically as required. The total net assignable area of the building is 30,875 NASF of which 25,850 NASF is being held available by the Sanitarium for lease by the University.

The total base rent and additional rental for remodeling reimbursement for FY 1972 is not to exceed \$179,660. An initial sum of \$25,000 is available for FY 1972 in the operating budget of the College of Medicine and from a federal grant to the College for increasing health manpower. It is anticipated that the balance of the funds required for FY 1972 will be made available in federal grants, private gifts, and in the Contract Research Reserve. Funds required after FY 1972 will be requested on an annual basis in the operating budget of the College of Medicine.

It is also recommended that the Vice President and Comptroller be authorized

to modify this lease as required upon the same terms and conditions as outlined above, to provide for increased quantities of space as remodeling costs are defined and as funds are available.

The option to purchase is for a price of \$450,000 for the existing buildings and approximately 18.75 acres of land at the Sanitarium. It extends to September 1, 1975. Funds have been requested in the University's FY 1973 capital budget for this purchase.

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Forsyth, Mr. Grimes, Mr. Hahn, Mr. Howard, Mr. Hughes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie, Mr. Steger.

ESTATE OF MARGARET WELDON WHITE

- (11) Under the Will of Margaret Weldon White, the sum of \$19,606.37 was received in full settlement of a bequest described as follows:
 - "... I direct the Trustee to convert all of the assets of the trust to cash and pay and transfer the proceeds thereof, less its usual commissions and charges, in equal parts and shares to the following three educational or charitable organizations:

University of Illinois Medical School to be used for psychiatric research..."

The Executive Dean of the College of Medicine has recommended to the Chancellor at the Medical Center campus that the sum thus received be held as a temporary endowment and the income used by the Department of Psychiatry with the option that the principal be used for departmental purposes as required.

The Chancellor at the Medical Center and the Vice President and Comptroller

approve this recommendation.

I concur.

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

PREPARATION OF CATALOGUE, KRANNERT ART MUSEUM COLLECTION OF PRE-COLUMBIAN ART, URBANA

(12) The Krannert Art Museum's Pre-Columbian collection consists of more than six hundred items of pottery, weaving, and jewelry, some of them dating from 1200 B.C. The University of Illinois Foundation, through a contribution campaign, purchased the collection in 1968 for the University. However, the collection has never been catalogued.

The University has recently been awarded a grant from the National Endowment for the Arts to cover the costs of cataloguing the collection. The Director of the Museum, with the concurrence of the Chancellor at the Urbana-Champaign campus, has recommended that a contract be entered into with Mr. Alan R. Sawyer for the preparation of a catalogue of the collection for a total fee of \$8,000. Mr. Sawyer, who formerly directed the Textile Museum in Washington, D.C., has catalogued similar collections for The Metropolitan Museum of Art and the Guggenheim Museum, both of New York.

genheim Museum, both of New York.

The costs of these services will be charged to the grant from the National

Endowment for the Arts.

I recommend approval.

On motion of Mr. Grimes, this recommendation was approved by the following vote: Aye, Mr. Forsyth, Mr. Grimes, Mr. Hahn, Mr. Howard, Mr. Hughes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie, Mr. Steger.

APPLICATION FOR GRANT FUNDS UNDER TITLE I OF THE HIGHER EDUCATION FACILITIES ACT OF 1963. CHICAGO CIRCLE

(13) Under the Higher Education Facilities Act of 1963, the United States Commissioner of Education is authorized to grant funds for the construction, rehabilitation, and improvement of academic and related facilities. The requirements of the Department of Health, Education, and Welfare for the submission of an application for a grant under this Act necessitate the adoption of a formal resolution by the governing board of an institution authorizing the filing of the applica-

tion and designating an individual to act in behalf of the University concerning

the application.

The Executive Vice President and Provost and the Vice President and Comptroller recommend that The Board of Trustees of the University of Illinois adopt the resolution submitted herewith authorizing the filing of an application for grant funds for the construction of the Library Building Second Addition at Chicago Circle and designating James E. Osborn, Director of Business Affairs at Chicago Circle, as the officer authorized to file the application on behalf of the University of Illinois.

I concur.

Resolution Authorizing the Filing of Application for Grant Funds Under Title I of the Higher Education Facilities Act of 1963

WHEREAS, the U.S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation,

and improvement of certain academic and related facilities; and

Whereas, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for a grant under the aforementioned act for the project de-

scribed as follows:

Library Building Second Addition at Chicago Circle Now, therefore, be it

Resolved, that an application for the project described above is authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said board, applying the criteria of the State plan, said application receives a priority rating sufficiently high to receive grant funds under the aforementioned act, said application will be forwarded to the U.S. Commissioner of Education for consideration for his approval; and be it further

Resolved, that The Board of Trustees of the University of Illinois designates James E. Osborn, Director of Business Affairs, Chicago Circle campus, as the officer authorized to file the application and act as the representative of this Board in connection with said application.

Signed

EARL M. HUGHES, President The Board of Trustees of the University of Illinois

On motion of Mr. Swain, the foregoing resolution was adopted.

APPLICATION FOR ANNUAL INTEREST GRANT UNDER TITLE III, SECTION 306, OF THE HIGHER EDUCATION FACILITIES ACT OF 1963, CHICAGO CIRCLE

(14) Under the Higher Education Facilities Act of 1963, the United States Commissioner of Education is authorized to grant funds to reduce the cost of borrowing for the construction, rehabilitation, and improvement of academic and related facilities. The requirements of the Department of Health, Education, and Welfare for the submission of an application for a grant under this Act necessitate the adoption of a formal resolution by the governing board of an institution authorizing the filing of the application and designating an individual to act in behalf of the University concerning the application.

The Executive Vice President and Provost and the Vice President and Comptroller have recommended that the Board of Trustees adopt the resolution submitted herewith which (a) authorizes the filing of an application for an annual interest grant to reduce the cost of borrowing to finance the construction of the Science and Engineering South Addition (Engineering and Classrooms) at the Chicago Circle campus, and (b) designates James E. Osborn, Director of Business Affairs

at the Chicago Circle campus, as the officer authorized to file the application in behalf of the University.

I concur.

Resolution Authorizing the Filing of Application for Annual Interest Grant Program Under Section 306, Title III, of the Higher Education Facilities Act of 1963

Whereas, the U.S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds to reduce the cost of borrowing for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which such grants are made available and approved for

payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for an annual interest grant under Section 306, Title III of the aforementioned act for the project described as follows:

Science and Engineering South Addition (Engineering and Classrooms) at Chicago Circle

Now, therefore, be it

Resolved, that an application for the project described is authorized and directed to be filed with the Office of Education, Department of Health, Education, and Welfare, United States of America; and be it further

Resolved, that The Board of Trustees of the University of Illinois designates James E. Osborn, Director of Business Affairs, Chicago Circle campus, as the officer authorized to file the application and act as the representative of this Board in connection with said application.

Signed

EARL M. HUGHES, President
The Board of Trustees of the
University of Illinois

., 1971

On motion of Mr. Howard, the foregoing resolution was adopted.

EQUIPMENT USAGE GRANT FOR THE COMPUTER-BASED EDUCATION RESEARCH LABORATORY, URBANA

(15) On February 18, 1970, the Board of Trustees authorized the execution of an equipment usage grant proposal and lease arrangements with the Control Data Corporation in connection with research and development of the PLATO program in the Computer-based Education Research Laboratory at Urbana-Champaign. Under the arrangement, the University received and is using a Control Data 6400 computing system over a five-year period for a net leasing charge of \$1,930,000. (On June 17, 1970, the Board of Trustees authorized a change in the terms of the equipment usage grant pertaining to title and licensing of hardware and software improvements.)

The PLATO system now has developed to a point that changes in the system are needed to increase the information transfer rate and the storage capacity. Additional capacity will provide for an expanded storage of instructional materials and other data accessible to the existing student consoles and those to be furnished by Magnavox Systems, Inc. under a purchase approved by the Board on March 17, 1971.

The equipment on lease would be modified by a change order as follows:

	1	Monthly
Delete:	L	ease Cost
Card Punch Controller	\$	390 00
Card Punch		235 00
Total to be deleted	\$	625 00

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Mass Storage Controller	1	680 270	00
Total to be added	\$ 3	380	00
Net additional cost: per month			
f t Affica 1			

f.o.b. Minneapolis, Minnesota

The additional cost will be supported equally by available funds from state appropriations allocated to the Computer-based Education Research Laboratory and

a National Science Foundation grant.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Vice President and Comptroller and the Secretary be authorized to execute such additional agreements to the original grant lease arrangements approved February 18, 1970, as are necessary to make the change order as outlined above.

On motion of Mr. Howard, authority was given as recommended by the following vote: Aye, Mr. Forsyth, Mr. Grimes, Mr. Hahn, Mr. Howard, Mr. Hughes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie, Mr. Steger.

PURCHASES

(16) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller;

also purchases authorized by the 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, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds Recommended			\$	456	023	30
From Institutional Funds Authorized	\$ 79 505	749 (016 :	00 85			
Grand Total					665	

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. Howard, the purchases authorized by the President were confirmed, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(17) The Vice President and Comptroller also submitted a report of purchases approved by him on recommendation of the Directors of Purchases in amounts of \$5,000 to \$7,500. A copy of this report is filed with the Secretary.

This report was received for record.

COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED (18) The Comptroller's monthly report of contracts executed was presented.

Chicago Circle

New Contracts

	New Contracts	
With Whom	Purpose	Amount to be Paid to the University
National Collegiate Athletic Association	1971 National Summer Youth Sports Program	\$ 24 500
United States Army: DADA 17-71-C-1102	Internal prosthetic replacement of skeletal seg- ments lost in combat injuries	41 287
United States Department of Interior, Office of Water Resources Research 14-31-0001-3422	Assessment of the impact of computer technology on water resources research, planning, development, and operation	9 880
Total	Urbana-Champaign	\$ 75 667
	New Contracts	
	rew communs	Amount to be
TTP145. TYPE .	D	Paid to the
With Whom	Purpose Study of a hydraulic model to improve the flow	University \$ 18.500
City of Chicago, Department of Water and Sewers Environmental Protection	condition in settling basins	¥ 10 000
Agency	Petrographic characterization of chalks and marls related to the pore structure of their calcined products	36 022
Walter E. Hanson Company	Time shared computer service	8 916
Housing Authority of the City of East St. Louis	Social service delivery system	50 000
Housing Authority for La Salle County	Social services delivery system	50 000
Morris Animal Foundation	Puerperal tetany in the dog	14 228
National Aeronautics and Space Administration NGR 14-005-177	The local pressure and velocity fields in turbulent shear flows in large scale subsonic facilities	47 500
State of Illinois: Board of Higher Education:		
71-1775-07	Center for inner city physical education studies	8 000
71-1775-08	Higher education public service responsibilities in the black community	59 900
Department of Mental Health:		
232-13-RD	Mechanism of action of psychoactive drugs	24 184
246-13-RD	Reading instruction for the retarded with PLATO IV	15 447
250-11-RD	The modification of emotionally disturbed children in a short term residential treatment program	23 25 2
Department of Public Aid	Undergraduate program in social welfare and a graduate program in social work	302 693
Division of Highways: IHR-301	Street bistoms of highway helders	20 000
IHR-501 IHR-604	Stress history of highway bridges Moisture movement and equilibria in pavement systems	15 00 0
Turner Construction Company	Time shared computer service	15 828
United Exposition Service Company of Illinois	Time shared computer service	14 400
United States Agency for International Development:		
AID-csd-2937	Computer assisted training in population dynamics and economic development	280 759
AID-csd-3292	Development of food utilization of soybeans	71 458
United States Air Force:		
AFOSR-72-2154	Optically pumped and high pressure far infrared molecular lasers	50 000
AFOSR-72-2210	Semiconductor surface chemistry	50 964
F33615-71-C-1800	Structural shell analysis	74 991
United States Army DAHC-04-72-C-0001	Illiac IV applications research	3 951 673

With Whom	Purpose	Amount to be Paid to the University
	•	-
United States Department of Commerce N22-1-72-(G)	A method for solving the Boltzmann equations for plasm problems	\$ 10 000
United States Department of Health, Education, and Welfare:		
FDA 71-269	Study of ecological effects of antimicrobial agents on enteric flora of animals and man	82 000
OEG-5-71-0074(509)	Fluctuations and growth of investment in the out- puts of higher education 1929-1975	10 000
OEG-5-71-0075(509)	A systematic study of the differential character- istics of black and white graduates in an educa- tional opportunity program	9 338
United States Department of Labor L-71-203	Career jobs in the youth market	10 000
United States Department of Transportation DOT-FR-10057	Conduct two two-week seminars for Federal Rail- road Administration selected personnel	17 178
United States Navy N00022-72-D-0026	Instruct ten midshipmen in catalog course aviation	5 500
University Corporation for Atmospheric Research	Conduct a Colorado-Illinois operational and analytical program utilizing a dual wavelength radar system	77 755
Total		\$5 425 486
	Change Orders	
	-	Amount to be
With Whom	Purpose	Paid to the University
Griffin Wheel Company	Improvement of cast steel railway car wheels	\$ 35 000
Illinois Central Railroad	Development of models to aid in decision making in the railroad industry	26 713
National Aeronautics and Space Administration:	·	
NGR-14-005-103	Physiological and engineering study of advanced thermoregulatory system for extravehicular space suits	6 500
NGR-14-005-149	Local pressure field in turbulent shear flow and its relation to aerodynamic noise generation	38 000
State of Illinois:		
Department	Wildlife research studies	133 000
of Conservation	Whome research studies	133 000
Division of Highways:	Highway problems	10 000
IHR-2 IHR-64	Behavior of welded highway structures	18 000
IHR-84	Correlation of the University of Illinois pavement test track with the AASHO road test	17 000
IHR-85	Dynamic stresses in highway bridges	18 000
IHR-93	Field investigation of prestressed reinforced con- crete highway bridges	42 000
IHR-001	A determination of the criteria for illumination of rural at-grade intersections for safer and more efficient operation	25 000
IHR-202	Archaeological studies	8 000
IHR-401	Durability testing of stabilized materials	40 000
IHR-405	Shrinkage-compensating concrete in bridge decks	28 000
IHR-406	Aggregate characteristics affecting skid resistance	31 000
IHR-601	State of Illinois soils manual	6 000
IHR-603	Resilient properties of subgrade soils	28 500
United States Agency for International Development AID-csd-1432	Malaria immunity and vaccination	483 352

With Whom	Purpose	Amount to be Paid to the University
United States Air Force: F29601-69-C-0071	Silicate treatment to inhibit corrosion of hot po- table water system	\$ 29 000
F29601-70-C-0087	Mobility program waste water treatment system	69 990
United States Army: DAAB 07-67-C-0199	Development of techniques for military applica-	1 020 000
DAHC 04-69-C-0007 United States Department of Health, Education and Welfare:	tions in accordance with technical guidelines Research in experimental and theoretical physics	56 000
OEG-0-70-4710(616)	Model program for the early education of handi- capped children	124 006
OEG-0-9-232175-4370	Development and description of syntactic struc- ture in language of deaf children	8 000
United States Department of Justice J-LEAA-014-70	Planning and design of regional and community correctional centers for adults	179. 819
United States Navy N00014-67-A-0305-0002	Radio direction finding techniques over broad bands of frequencies to obtain accurate information on intercepted signals	17 250
Total	Change Orders	\$2 498 130
	Change Oraers	Amount to be
With Whom	Purpose	Paid by the University
Gladney Brothers	Cost plus — general work: Construction of a metal storage and office building at driver training site	\$ 12 500
Thomas Plumbing and Heating Co.	Cost plus—plumbing work: Construction of a metal storage and office building at driver training site	7 200
Total	Summary	\$ 19 700
Urbana-Champaign Total Amount to be paid by the Un	versity:	\$ 75 667 7 923 616 \$7 999 283 19 700 \$ 19 700
	eceived for record.	
	INVESTMENT REPORT	
Fo	r the Months of June and July 1971	
1	Report of the Finance Committee	
(19) The Finance Comm dowment funds:	nittee reported the following changes in invest	ments of en-
Beck Fund		
	nufacturingPer Ceni Soliter & Macmillan	\$ 14 50 9 84
Beckwith Fund		
Sales: \$3 000 CIT Financial do 7 000 Commercial Cree	emand notesdit demand notes	3 000 00 7 000 0 0
Purchase: \$270 000 U.S. Treasury	bills due 5/31/72 5.36	256 411 52
Dickerson Fund		
	ephone and Telegraph Company	194 57

Per Cen	ı <i>t</i>
Goldberg Fund	
Sales: \$27 000 CIT Financial demand notes. 2 000 Commercial Credit demand notes. 1 000 General Finance demand notes. 4 000 Heller, Walter E., demand notes.	\$ 27 000 00 2 000 00 1 000 00 4 000 00
Purchase: \$45 000 U.S. Treasury bills due 5/31/72 5.36	42 735 25
Merritt Fund	
Sale: 100 rights American Telephone and Telegraph Company (void 7/12/71)	24 20
Endowment Pool	
Sales: \$ 50 000 U.S. Steel 4½ per cent debentures due 4/15/86	37 625 00 126 079 68
Purchases: \$104 000 Associates demand notes	104 000 00 15 000 00
180 000 International Harvester Credit demand notes 5.00 133 shares American Telephone and Telegraph \$4 Convertible	180 000 00
preferred stock	6 650 92
Rust Fund	
Sales: \$ 2 000 C1T Financial demand notes	2 000 00 5 000 00
(void 7/12/71)	50 82
Purchase: \$130 000 U.S. Treasury bills due 5/31/72 5.36	123 457 40
Report of the Comptroller	
The Comptroller reported the following changes in investments of cu expended plant funds, which he has been authorized to make:	rrent and un-
Current Funds	
Duke Russian Area Studies Sale:	
\$ 30 000 U.S. Treasury 5¾ per cent notes due 2/15/75 \$	29 146 88
Purchases: \$ 30 000 U.S. Treasury 5¾ per cent notes due 2/15/75 6.46 30 000 U.S. Treasury 5¾ per cent notes due 2/15/75. 6.42 10 000 U.S. Treasury 5¾ per cent notes due 2/15/75. 6.39	29 321 25 29 415 00 9 796 25
Medical Service Plan (Medical Center)	
Purchases: \$ 130 000 Associates demand notes	130 000 00 235 000 00
100 000 General Electric Credit Corporation 5½ per cent notes due 12/6/71 5.50	100 000 00
Restricted Group	
Sales:	
	1 000 000 00
700 000 Federal National Mortgage Association notes due 7/30/71	695 355 21 690 914 58

	Per C	ent
Purchases: \$ 700 000 Pacific Telephone and Telegraph note due		
6/17/71	4.88	\$ 699 431 25
2 000 000 Sears Roebuck Acceptance 5 per cent note due 7/13/71	5.00	2 000 000 00
1 000 000 Sears Roebuck Acceptance 5 per cent note due 7/19/71	5.00	1 000 000 00
700 000 Federal National Mortgage Association notes		
due 7/30/71	4.91 5.34	695 260 42 983 083 33
1 000 000 Cheasapeake and Potomac Telephone Company		
of Washington note due 10/4/71	5.58 5.34	985 486 11 982 500 00
700 000 Beneficial Corporation 3½ per cent debentures due 6/1/72	6.17	682 388 00
Construction Funds		
DMP Auxiliary (Medical Center)		
Purchase: \$ 150 000 U.S. Treasury bills due 7/29/71	3.39	148 295 92
Illinois Street Air Conditioning		
Purchase:		
\$ 200 000 U.S. Treasury bills due 5/31/72	5.79	189 540 78
Art Objects		
Purchase: \$ 250 000 Walter Heller 5½ per cent note due 2/7/72	5.50	250 000 00
Krannert Center for the Performing Arts		
Purchases: \$ 35 000 Associates demand notes	5.25	35 000 00
240 000 Boise Cascade Home and Land 7 per cent notes due 6/30/76	7.00	240 000 00
Sinking Funds		
Dormitory Revenue Bonds of 1956		
Purchases:	4 57	40 452 61
\$ 50 000 U.S. Treasury bills due 9/23/71	4.57 5.54	49 453 61 27 300 66
Housing Revenue Bonds		
Purchases:	٠,	44 400 00
\$ 15 000 U.S. Treasury bills due 3/31/72 1 000 000 U.S. Treasury 2½ per cent bonds due 9/15/72	5.53 5.06	14 388 25 964 375 00
604 000 U.S. Treasury 2½ per cent bonds due 12/15/72	5.71	577 197 50
Bonds of 1964 (Medical Center)		
\$ 100 000 U.S. Treasury bills due 11/11/71	• • • • •	97 605 09
Men's Residence Halls of 1957		
Purchases: \$ 10 000 U.S. Treasury bills due 9/23/71	4.91	9 884 07
105 000 U.S. Treasury 2½ percent bonds due 12/15/72	5.66	100 406 25
Student Services Building		
Purchases: \$ 10 000 U.S. Treasury bills due 9/23/71	4.91	9 884 07
22 000 U.S. Treasury 6 per cent notes due 11/15/72	6.02	21 993 13
38 000 U.S. Treasury 4 per cent bonds due 8/15/73	5.95	36 385 00

Per Cent

Women's Residence Halls Revenue Bonds of 1956

Purchases:

20 000 U.S. Treasury bills due 9/23/71...... 5.48 \$ 19 870 56 75 000 U.S. Treasury 2½ per cent bonds due 9/15/72 5.17 72 210 94

This report was received for record.

REVISION OF STATUTES RELATING TO EMPLOYMENT OF ACADEMIC AND ADMINISTRATIVE STAFFS

(20) The present provisions in the University Statutes dealing with employment of relatives and other criteria for employment, which have been interpreted internally in widely different ways, have increasingly come to be regarded as a possible obstacle to equal employment opportunity.

To minimize inconsistencies and to clarify the University's commitment to the principles of equal employment opportunity, the University Council on Equal Opportunity has proposed the changes in the language of Sections 33 and 34 as set forth below. At the same time, the Senates have been considering similar ap-

proaches to the problem.

In order to proceed as efficiently as possible, I recommend provisional approval of these revisions, with the stipulation that the Trustees defer final approval until the present action has been reported to the Senates and to the University Senates Conference for their information and further advice.

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

Criteria for Employment and Promotion

Sec. 33. The basic criteria for employment and promotion of all University staff, whether or not subject to the act creating the University Civil Service System of Illinois, shall be appropriate qualifications for and performance of the specified duties. The principles of equal employment opportunity are a part of the general policy of the University. Unless otherwise provided by law, employees are to be selected and treated during employment without regard to political affiliation, relationship by blood or marriage, age, sex, race, creed, or national origin.

Employment of Relatives

Sec. 34. No individual shall initiate or participate in institutional decisions involving a direct benefit (initial employment, retention, promotion, salary, leave of absence, etc.) to a member of his immediate family. "Immediate family" includes an individual's spouse, ancestors and descendants, all descendants of the individual's grandparents, and the spouse of any of the foregoing. Each Chancellor shall develop, for the approval of the President, campus procedures to insure against such conflict of interest.

PATENT POLICY, WARNER ELECTRIC BRAKE AND CLUTCH COMPANY

(21) The Warner Electric Brake and Clutch Company of Beloit, Wisconsin, is financing research in the Department of Electrical Engineering on the Urbana

campus on stepping motors and motion control system.

The contract signed with the company at the outset provided that the University would have control of all patentable inventions resulting from the research and would give the company preferential treatment. Such preferential treatment was not fully described, however. The company has requested that, if it continues to support the research, the contract be amended to provide that the University shall hold all patent rights for six months after the disclosure of the invention to the Patent Committee, but that after the lapse of such six months if the University has not applied for a patent, the rights of the University be assigned to the Warner Electric Brake and Clutch Company.

This request is believed to be reasonable, and the Vice President and Comp-

troller has requested authorization to incorporate it into this contract.

I concur.

On motion of Mr. Swain, authorization was given as requested.

UNIVERSITY POSITION RELATIVE TO SALARY AND WAGE INCREASES DURING 1971-72 (FY 1972)

(22) The President of the University, in the light of extensive consultation with

general University and campus officers, recommends adoption by the Board of Trustees of this statement of current University policies and guidelines relative to

salary and wage increases.

The University's policies and guidelines are subject to the limitations imposed by President Nixon's Executive Order freezing wages and prices, to official interpretations of this order, and to any subsequent orders or regulations that might be issued by federal authorities. Accordingly, the implementation of certain of the following policies and guidelines must be deferred until after the expiration of the wage-price freeze.

 Funds are not now available for general salary and wage increases — for the reasons given in the report submitted to the Board of Trustees at its July 1971 meeting and as further elaborated in the statement issued on September 14, 1971,

by the Executive Vice President and Provost.

2. Academic salary increases will be limited to commitments already made or which might be required or otherwise justified under prevailing University regulations and practices. Such commitments include the following: (a) increases for individual faculty members (usually to meet outside offers); (b) increases to meet salary minima accompanying promotions in rank; (c) equalization increases for women faculty members; (d) increases to accompany changes in status and responsibility.

3. Prevailing-wage groups. As required by law, the University will make increases that become effective for prevailing-wage groups as designated by the University Civil Service System of Illinois in its Compensation Plan of August 1, 1971. In view of the budgetary situation, funds for such increases must be provided largely from decreases in the work force, unless additional appropriations are provided by the General Assembly.

4. Negotiated-wage groups. Any increases that become effective for negotiatedwage groups under current contracts will be honored after expiration of the freeze, although it will be necessary to provide the funds for such increases

largely from decreases in the work force.

Negotiations may continue relative to new contracts for classes in the negotiatedwage groups, but any rate increases that might be negotiated to become effective after the freeze will be subject to the availability of additional funds. Furthermore, only those rate increases will be agreed to for which available additional funds can be identified. "Availability of additional funds" in the present situation must be interpreted to mean additional appropriations by the General Assembly. Pending further action by the Board of Trustees, reductions in the work force are not to be used as a source of funds for increases resulting from current or future negotiations.

The entire subject of salary and wage increases will be reviewed carefully in the light of action that might be taken by the General Assembly in October on University appropriations and of federal policies that might be established as a sequel to the present wage-price freeze which expires on November 12, 1971.

On motion of Mr. Swain, this statement was adopted as recommended.

SECRETARY'S REPORT

The Secretary presented for record appointments to the faculty made by the President; resignations; resignations of summer session and summer quarter appointments; leaves of absence; and retirements. A copy of the report is filed with the Secretary.

STUDY OF UNIVERSITY DISCIPLINARY PROCEDURES

A number of Trustees expressed concern as to the effectiveness of the present student disciplinary system. Informal comments indicated dissatisfaction with recent actions of the Urbana-Champaign Senate Committee on Student Discipline, as well as concern that the disciplinary procedure, whatever its type, move more quickly in rendering iudgments.

By consensus, the Trustees requested the administration to study the subject and to develop recommendations for a system which would work more effectively and more quickly.

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DEGREES CONFERRED

The Secretary presented for record the following summary of degrees conferred on candidates at the Urbana-Champaign campus on August 16, 1971.

Graduate College Summary	
Master of Arts	241
Master of Science.	366
Master of Music	15
Master of Education	280
Master of Accounting Science.	18
Master of Architecture.	11
Master of Business Administration.	18
Master of Comparative Law	1
Master of Extension Education.	ī
Master of Fine Arts	14
Master of Laws.	
Master of Urban Planning.	2 2
Advanced Cartificate	24
Advanced Certificate	5
Total, Graduate College	(998)
	(990)
College of Agriculture Bachelor of Science	29
College of Commerce and Business Administration	29
Bachelor of Science	52
College of Communications	32
Bachelor of Science	31
	31
College of Education Bachelor of Science	18
	10
College of Engineering Bachelor of Science	58
	30
College of Fine and Applied Arts Bachelor of Architecture	7
	•
Bachelor of Fine Arts	16
Bachelor of Music	3 2
	4
Bachelor of Science	(32)
Total, College of Fine and Applied Arts	(34)
College of Liberal Arts and Sciences Bachelor of Arts	160
	160
Bachelor of Science	88
	(248)
College of Physical Education Bachelor of Science	20
	20
College of Law	10
Juris Doctor	12
Total, Degrees Conferred at Urbana-Champaign Campus	1 498

ANNOUNCEMENTS

Future Meetings

Mr. Hughes announced the schedule for the next three meetings of the Board: October 20, 1971, Urbana-Champaign; November 19, 1971, Allerton House, Allerton Park; December 15, 1971, Medical Center.

EXECUTIVE SESSION

When the Board reconvened in executive session, the same members

of the Board, officers of the Board, and officers of the University as recorded at the beginning of these minutes were present.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(23) The University Patent Committee, with the concurrence of the Chairman of the University Research Board, submits the following recommendations relating to patentable inventions by members of the staff.

I concur in these recommendations.

1. Tracking light pen cursor — Paul T. Tucker, Graduate Assistant, Computerbased Education Research Laboratory, Urbana, inventor. The light pen consists of a fiber optic tube and a light detector at one end and a light pen head at the other end along with the necessary control switches and light focusing devices. The field of view of the light pen head should be limited to a circle of diameter between .16 inch and .25 inch. The field of view will then cover the entire cursor as well as some of the surrounding spots. The method of detecting head movement is to sequentially interrogate each of the four corner spots and to determine whether or not those spots are in the field of view of the light pen head. If light is detected on both write and erase, the spot is considered in the field of view.

The Committee recommends that the rights of the University in this invention should be transferred to the University of Illinois Foundation for further develop-

ment and patent application.

2. Phase shift telephone communications modem — Paul T. Tucker, Graduate Assistant, Computer-based Education Research Laboratory, Urbana, inventor. This system is an inexpensive, medium speed, telephone communications modem which utilizes a narrow shift (36°) phase keying which is capable of reliably transmitting and receiving data over unconditioned schedule 4 phone lines at speeds up to 1800 baud and still keep the complexity of the system at a minimum in order to reduce cost and size. The narrow shift used enables the system to be virtually immune to line phase shifts because the informational energy is confined to a ±10 per cent of bit rate frequency spectrum and consequently almost all line injected phase and amplitude distortions are common mode to all interesting frequencies. The uniqueness of this modem and the reason for its inexpensiveness lies in the manner that the phase shifted signal is generated and detected.

The Committee recommends that the rights of the University in this invention be transferred to the University of Illinois Foundation for further development and

patent application.

3. Thin film bolometer infrared detector — Ben Contreras, Graduate Student in Electrical Engineering, Urbana, and Oscar L. Gaddy, Professor of Electrical Engineering, Urbana, inventors; developed under the sponsorship of the United States Army. This device consists essentially of thin films of an electrically conducting material placed upon a high thermal conductivity substrate. Absorption of infrared radiation by the film produces a temperature increase which changes the resistance of the film. When a bias current is established through the film resistor, this change in resistance produces a small change in voltage across the bolometer in proportion to the intensity of the infrared radiation.

The Committee recommends that the rights of the University in this invention be released to the inventors, subject to the rights of the sponsoring agency.

4. Low modulus mechanical and electric coupler for periodic stress conditions -David S. Lieberman, Professor of Physical Metallurgy, Urbana, inventor. A wire spring, wire, or rod made of ferroelastic material can be repeatedly altered rather severely in shape, but the original shape is recovered each time in a "rubberlike" manner upon the removal of the stress. This novel behavior is in marked contrast to other metals and materials which plastically deform and subsequently fatigue and fracture under these conditions. The method of processing such a device has been developed which is simple and versatile, permitting a wide range of shapes and configurations which can be tailor-made for individual applications and needs.

The Committee recommends that the rights of the University in this invention

be released to the inventor.

5. Zemlin's index of palato-pharyngeal opening (ZIPPO) — Willard R. Zemlin, Associate Professor of Speech, Urbana, inventor. This invention is a device which measures vocal damping time. The novel aspect of the technique is the use of vocal damping time to evaluate velopharyngeal (palatal-pharyngeal) closure. Damping time is defined as the interval in seconds between closure of the valve and the instant where voltage from the throat microphone approximates ambient noise in the circuit.

The Committee recommends that the rights of the University in this invention

be released to the inventor.

6. High impedance source follower — James L. Wood, Chief Engineer for the Department of Physiology and Biophysics, Urbana, inventor. This invention is a battery powered solid state D.C. preamp with unity gain, high input impedance, low output impedance, and controlled regenerative feedback which neutralizes input capacity. This preamp is used during physiological research to couple a high impedance microelectrode to a relatively low impedance oscilloscope or chart recorder. The novel feature is an operator adjustment which controls regenerative feedback combined with a calibrated dial which reads approximate microelectrode impedance.

The Committee recommends that the rights of the University in this invention

be released to the inventor.

7. CW carbon monoxide chemical laser - Curt Wittig, Research Assistant in Electrical Engineering, Urbana, John C. Hassler, Research Associate in Electrical Engineering, Urbana, and Paul D. Coleman, Professor of Electrical Engineering, Urbana, inventors; developed under the sponsorship of the National Science Foundation and the United States Air Force. CW laser oscillation has been observed on 28 vibration-rotation transitions, in the range 5.22-5.55\(\rho\mu\), in a CO chemical laser. This is the first report of purely CW lasing in chemically excited CO, although previously we have announced a "quasi-CW" laser of this type in which the duration of the laser pulse is longer than the characteristic decay time of excited CO. This letter gives the resolved laser spectra and shows that long term CW operation can be achieved in a CO chemical laser with rather modest requirements on pump speed and input energy. By utilizing more efficient coupling, more effective oxygen atom production, and transverse flow, signficant increases in the output power are envisioned.

The Committee recommends that a patent application not be filed for this invention, and since the work was done with the help of funds from the sponsoring agency no further action by the Board is required since rights to the invention

vest with that agency.

8. Transducer for the accurate measurement of very low pressure differences Anastasius J. Karabelas, former Research Assistant in Chemical Engineering, Urbana, and Thomas J. Hanratty, Professor of Chemical Engineering in the College of Liberal Arts and Sciences and in the College of Engineering, Urbana, inventors; developed under the sponsorship of the National Science Foundation. This instrument is capable of measuring small pressure differences in a fluid. The novel principle is that pressure differences are measured by changes in the conductivity between two wires brought about by changes in the level of the liquid in which the wires are immersed. It has a high sensitivity and is conveniently used in a long series of tests since the pressure difference is given as an electric signal. Tests have indicated that it can attain a sensitivity of 2.5 x 10⁻⁴ mm Hg. It is believed that this sensitivity can be increased by refining the associated electronic circuit.

The Committee recommends that a patent application not be filed since the rights to the invention, under the contract held with the sponsoring agency, vest

with that agency.

9. Al_xGa_{1-x}As_{1-y}P_y heterostructure laser and lamps — Nick Holonyak, Jr., Professor of Electrical Engineering, Urbana, and R. D. Burnham, former Research Assistant in Electrical Engineering, Urbana, inventors; developed under the sponsorship of the Advanced Research Projects Agency and the National Science sorsing of the Advanced Research Projects Agency and the National Science Foundation. It has been possible for the first time to grow and realize a successful quaternary compound wide-gap heterostructure (AlGaAsP) reflecting barrier on GaAsP, which presently is the only visible spectrum lamp and laser III-V compound that is commercially available in high volume. These structures lead to a form of much improved GaAsP p-n junctions, one with a wide-gap reflecting barrier and window in close proximity to the electrical junction. There is no reason why double heterojunction versions of this device cannot be built why double heterojunction versions of this device cannot be built.

The Committee recommends that a patent application not be filed and since the work was done with the help of funds from the sponsoring agencies, no further action by the Board is required since rights to the invention vest with the United

States Government.

10. Glottal interval extractor — Jordan Cohen, Graduate Research Assistant in Electrical Engineering, Urbana, and Murray L. Babcock, Associate Professor of Electrical Engineering, Urbana, inventors; developed under the sponsorship of the National Aeronautics and Space Administration. This process automatically extracts the time between glottal pulses, which are present during the voiced portions of speech, from the complex time-pressure waveform resulting from natural speech. It also automatically separates the voiced portion of speech from the unvoiced portions.

The Committee recommends that a patent application not be filed and since the work was done with the help of funds from the sponsoring agency, no further action by the Board is required since rights to the invention vest with that agency.

11. Means for increasing the efficiency of a laser—T. Ganley of the Gaseous Electronics Laboratory, Urbana, Joseph T. Verdeyen, Professor of Electrical Engineering, Urbana, and George Hunter Miley, Professor of Nuclear Engineering and of Electrical Engineering, Urbana, inventors; developed under the sponsorship of the Atomic Energy Commission. In this device, the alpha particles partially ionize the gas thereby relieving the electric field of this job. As a consequence, one can adjust the electric field for its optimum value for a given pressure.

The Committee recommends that a patent application not be filed since the rights to the invention, under the contract held with the sponsoring agency, vest

with that agency.

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

PURCHASE OF PROPERTY AT 901-903 SOUTH SIXTH STREET, CHAMPAIGN

(24) The President of the University, with the concurrence of appropriate administrative officers, recommends, subject to the examination and approval of leases, that the property at 901-903 South Sixth Street, Champaign, be purchased at a price not to exceed \$145,000.

Funds are available in state capital appropriations to the University subject to

release by the Governor.

Alternate funds are available in Contract Research Reserve balances as a means of interim financing for this purchase in the event that state funds are not released in sufficient time. Authority is also requested to assign the contract to the University of Illinois Foundation if necessary or desirable to close the transaction at the same price and lease this property to the University at a rental sufficient to enable the Foundation to pay the interest cost on the loan secured to finance the acquisition. The Foundation would hold title to the property until the University has funds for its acquisition.

If the property is assigned to the Foundation, it is further recommended that authorization be given to enter into a lease of the property with the Foundation from the time of said assignment to June 30, 1972, with option for annual renewal thereafter during the term of the lease, subject to funds being made available in the operating budget of the Department of Plant and Services. Funds for rental costs until June 30, 1972, are included in the University's operating budget for FY 1972. Funds required after that date will be requested in the budget of the

Department of Plant and Services on an annual basis.

The property is located at the southwest corner of Sixth Street and Daniel Street in Champaign. The property has dimensions of approximately 116.25 feet by 49.3 feet (5,731 square feet) and is improved with various commercial properties consisting of six business establishments and four apartment sites.

On motion of Mr. Swain, this recommendation was approved and authority was given as recommended by the following vote: Aye, Mr. Forsyth, Mr. Grimes, Mr. Hahn, Mr. Howard, Mr. Hughes, Mr. Neal, Mr. Pogue, Mr. Swain; no, none; absent, Dr. Bakalis, Governor Ogilvie, Mr. Steger.

On motion of Mr. Swain, the meeting was adjourned.

EARL W. PORTER Secretary EARL M. HUGHES President