

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

December 17, 1969



The December meeting of The Board of Trustees of the University of Illinois was held in the Illini Union, Urbana, Illinois, on Wednesday, December 17, 1969, beginning at 10:00 a.m.

President *pro tem* Timothy W. Swain called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Theodore A. Jones, Mr. Russell W. Steger, Mr. W. Clement Stone, Mr. Timothy W. Swain. Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Governor Richard B. Ogilvie, and Mr. Ray Page were absent.

Also present were President David D. Henry; Executive Vice President and Provost Lyle H. Lanier; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor J. W. Peltason, University of Illinois at Urbana-Champaign; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Dr. Eldon Johnson, Vice President of the University; Mr. C. S. Havens, University Director of 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. R. Manchester, Treasurer; and Dr. Earl W. Porter, Secretary.

INTRODUCTION OF W. CLEMENT STONE

Mr. Swain introduced Mr. W. Clement Stone, a new member of the Board of Trustees. Mr. Stone was appointed on September 19 by Governor Richard B. Ogilvie to fill the unexpired term of Dr. James A. Weatherly who resigned from the Board because of ill health.

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 Henry 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.

REPORT ON ADMISSIONS

President Henry reviewed the background of recent events concerning admissions procedures at the Urbana campus, indicating that there was a need to clarify considerable public misunderstanding and misinterpretation concerning the "random selection" aspect of the policy approved by the Board of Trustees on September 17, 1969. He asked Chancellor Peltason to present a report dealing with the question in considerable detail. The Chancellor's statement as presented follows:

"On September 17, 1969, the University of Illinois Board of Trustees approved a new policy for the admission of freshmen to the Urbana-Champaign and Chicago Circle campuses. This approval followed more than a year of study and discussion by the University Committee on Admissions and the Faculty Senates.

"The new policy resulted from growing concern about the difficulties posed by the Progressive Admission Plan, adopted in 1960. This Plan provided that, when spaces were insufficient for all qualified freshman applicants, those who held the highest combination of test scores and class ranks would be admitted first, until all spaces were filled. Several distinct problems emerged in the use of this Plan at the Urbana-Champaign campus: many good students were being deferred or denied admission in favor of others who held only slightly higher test scores or high school ranks; as the ability range narrowed, it became increasingly difficult to discriminate among those whose chances for success in the University were excellent; furthermore, in order to select the best students academically within the several admission periods established by the Plan, the standards for admission shifted from one period to another, thus creating confusion for students, their parents, and their school counselors.

"A different kind of problem existed at the Chicago Circle campus. With freshman capacity increasing each year, spaces have been adequate for virtually all applicants who met University minimum requirements. However, there was serious concern that these minimum requirements, and the resulting academic quality and retention of freshmen, were too low.

"To resolve these problems, the new freshman admission policy has two major provisions:

1. It raises the minimum combined test score and rank in class required for admission. While the old minimum had been exceeded for several years by students entering the Urbana-Champaign campus, because of the shortage of spaces there, the change is designed to improve both the quality and retention of freshmen at Chicago Circle.¹

¹ The old minimum provided for admission of students with high school rank and test score combinations that gave them a predicted 1 in 4 chance for a first-term "C" average. The new minimum requires a combination of rank and test score that predicts at least a 1 in 2 chance for a "C" average. The current quality of freshman applicants at Urbana-Champaign

2. It provides for the approval of qualified freshman applicants in the order of the receipt of their applications, instead of in the order of their rank and test scores. The intent was to obtain a better spread among well-qualified students, rather than concentrating on a narrow band at the top of the rank-test score range.

"In seeking a fair method of implementing the "first come-first served" plan, it was recognized that the heavy pressure for admission to certain colleges at the Urbana-Champaign campus could result in having highly qualified applicants outnumber spaces within a very short time after the beginning of the application period. This would place extreme pressure on students and schools to get in applications, test scores, and high school transcripts on the first day that applications are accepted (September 25 for the following fall), and would give a distinct advantage to students in schools with aggressive counseling programs and large professional staffs. The plan adopted by the Board of Trustees provided that all applications from qualified students received by a date to be established by each campus (November 1 at Urbana-Champaign) would receive equal consideration. If, by that date, there were enough spaces in a given college for all qualified applicants, all would be approved, and the remaining spaces would be filled by qualified students who applied after November 1, in the order of receipt of their applications. On the other hand, if there were more qualified applicants than spaces in a given college, the students would be selected on a random basis, in order to assure each qualified applicant an equal opportunity for admission.

"The new policy, which was approved for implementation for fall 1971 freshmen, recognized that the deficiency of spaces available for highly qualified applicants in certain programs at Urbana-Champaign would probably grow more severe, as a consequence of the limit on freshman-sophomore enrollments at Urbana-Champaign by the Illinois Board of Higher Education's Master Plan. Under this Plan, no growth in freshman-sophomore enrollments beyond fall 1970 is permitted for the state's senior universities, with the exception of the Chicago Circle campus and Southern Illinois University's Edwardsville campus. Priority is directed instead to increasing spaces for junior college transfers.

"The Urbana-Champaign campus, in planning for fall 1970 freshman admission, was confronted with the problem of handling an anticipated excess of qualified applicants for the College of Liberal Arts and Sciences before the November 1 date. The previous year, all spaces in Liberal Arts and Sciences were filled by November 1, although it was not necessary to deny any qualified students who had applied by that date. For 1970, it was decided that, rather than selecting among the qualified applicants for Liberal Arts and Sciences on the basis of their rank and test scores, the random selection plan from the new policy would, if necessary, be applied.

"Notices of this decision were sent to every high school in Illinois in August. News releases were sent to the news media in the state on November 6, and copies of the release were sent to every high school in Illinois. On November 26, a second news release was sent to the media concerning the College of Liberal Arts and Sciences, describing the fact that applications from qualified students outnumbered spaces in that College, and that the random selection procedure would be followed. Fall conferences with high school counselors around the state, and the October issue of the University's "Letter to Schools and Colleges," which went to every high school in the state, also included an explanation of the plan.

"By November 1, there were 1,000 more freshman applications for the College of Liberal Arts and Sciences than the preceding year, with a total of 4,197 qualified applicants for the 2,333 spaces available.² A total of 3,350 students were approved, since past experience indicates that approximately one-third of those

is such that very few students at the level of the new minimum apply. For example, approximately 97 per cent of the approved group for fall 1970 admission to Liberal Arts and Sciences are *above* the new minimum.

² Some additional spaces have been reserved for later admission of qualified students in certain categories, such as returning veterans, students holding grants-in-aid, Rehabilitation Center students, and qualified applicants for the Special Educational Opportunities Program.

approved do not enroll. Consequently, 847 of the 4,197 qualified applicants could not be admitted.

"Because of the high test scores and class ranks of the applicants, the academic qualifications of the admitted group equal those of the freshman approved for fall 1969 admission to the College of Liberal Arts and Sciences. Many are valedictorians and salutatorians. One-third rank in the top 5 per cent of their high school class, and more than half rank in the top 10 per cent. Ninety per cent rank in the upper quarter. In terms of test scores, 99 per cent rank above the national median score for college-bound students, and 90 per cent rank in the top quarter. As a group, the academic qualifications of the 847 students who originally were not approved are the same as those approved—they are neither above nor below, as a group.

"Despite the strenuous efforts to inform high schools and the general public that the random selection procedure would be employed in the event that qualified applicants exceeded spaces in a given college, it became apparent, following the December 1 issuance of notices of acceptance and denial, that many individual applicants were not aware that this procedure would be used. For this reason, the decision was announced on December 12 to admit all qualified Illinois resident students whose complete applications for admission to the College of Liberal Arts and Sciences were received by November 1.

"It was recognized that this decision, made in behalf of the students concerned, would create some problems of overcrowding, as well as the postponement by some freshmen of courses which would otherwise be taken during the first year. While every effort will be made to minimize these problems, some will be unavoidable.

"It is difficult to estimate the additional number of students who will enroll as a result of this decision. Based on previous experience, approximately one-third of those who are approved do not enroll in the University. Forty-eight of the 847 had already been admitted through the spaces reserved for the James Scholar program for superior students. In addition, a number of students originally denied had been approved for admission to other colleges on the Urbana-Champaign campus. Some may choose to remain in those colleges, although they will be permitted to change to Liberal Arts and Sciences if they wish.

"The decision does not affect the new admission policy adopted by the Board of Trustees for implementation in September, 1971, at both the Chicago Circle and Urbana-Champaign campuses. Clearly the new policy does not envision random selection among all applicants regardless of their qualifications—or even among qualified applicants unless their numbers exceed the spaces available in a given college by the time that action on applications begins. As already noted, the overall quality of the 1970 Liberal Arts and Sciences group which was selected at random from the eligible applicants is extremely high. It is equally clear that the plan does result in the denial of some very highly qualified individuals.

"Included in the recommendations adopted by the Faculty Senates was the statement, 'The effect of these policies shall be reviewed regularly by the University Committee on Admissions, with a report to the Senates each year.' The review process will provide a careful analysis of the results of the initial application of the random selection plan in the College of Liberal Arts and Sciences at the Urbana-Champaign campus."

President Henry stated that the administration was bringing criticisms and comments of the present policy to the various committees involved in reviewing it and that he anticipated bringing to the Trustees a report on this review as soon as it had been completed.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) 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 the following 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:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
DENNIS WILLIAM BERSCH	Glendale, Wisconsin	Wisconsin
CHARLES LEONARD HASKELL	Chicago, Illinois	Texas
VINCENT TERENCE MCGINN	Milwaukee, Wisconsin	Wisconsin
CHARLES GORDON REED	Park Forest, Illinois	Indiana
RICHARD WAYNE RICE	Park Forest, Illinois	Indiana
PATRICK WILLIAM WALSH	Mequon, Wisconsin	Wisconsin

I concur.

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

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION ADVISORY COMMITTEE, URBANA

(2) The Dean of the College of Commerce and Business Administration and the Chancellor have recommended the following additional appointments to the Advisory Committee for the College:

WILLIAM N. CLARK, Assistant to the Publisher, Chicago Tribune—term to expire August 31, 1972

ROBERT K. DiVALL, Vice President and Treasurer, American Hospital Supply Corporation—term to expire August 31, 1970

PAUL GERDEN, Executive Vice President, Administration, Abbott Laboratories—term to expire August 31, 1970

JOHN T. HICKEY, Vice President, Planning, Motorola, Inc.—term to expire August 31, 1970

KERMIT A. PICKETT, Vice President and Corporate Systems Division Manager, Montgomery Ward—term to expire August 31, 1970

JOSEPH M. QUIGLEY, Treasurer, Northern Illinois Gas Company—term to expire August 31, 1970

RICHARD L. THOMAS, Senior Vice President and General Manager, First Chicago Corporation—term to expire August 31, 1972

I concur.

On motion of Mr. Jones, these appointments were 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 meeting of the Board of Trustees.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A— indefinite tenure; 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; G— special tenure; Q— initial term appointment for 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; 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. MORRIS BARAZANI, Associate Professor of Art, beginning September 1, 1969 (A), at an annual salary of \$12,000.
2. LAWRENCE T. FRYMIRE, Professor of Speech, beginning September 1, 1969 (A), at an annual salary of \$20,000.
3. DAVID GEORGE GORENSTEIN, Assistant Professor of Chemistry, beginning September 1, 1969 (1), at an annual salary of \$10,500.
4. BETH ALLEMAN HAMILTON, Science Librarian with rank of Assistant Professor, Library, beginning October 1, 1969 (1Y), at an annual salary of \$12,000.
5. MARY GLENN WILEY, Assistant Professor of Sociology, beginning September 1, 1969 (2), at an annual salary of \$12,000.

6. THOMAS A. WILSON, Assistant Professor of Education in Research in Urban Education and in the College of Education, on one-half time, beginning September 1, 1969 (D50), at an annual salary of \$6,000.

Medical Center

7. SHERWOOD L. GORBACH, Associate Professor of Medicine, College of Medicine, beginning November 1, 1969 (AY), at an annual salary of \$24,000.
8. ELEANOR THOMAS, Assistant Professor, Curriculum in Medical Technology, School of Associated Medical Sciences, College of Medicine, beginning November 1, 1969 (1Y), at an annual salary of \$12,000.

Urbana-Champaign

9. JOSEPH A. KELLY, Assistant Professor, Police Training Institute, Division of University Extension, beginning November 1, 1969 (1Y), at an annual salary of \$14,200.
10. THOMAS W. PETRIE, Assistant Professor of Mechanical Engineering, beginning November 1, 1969 (1), at an annual salary of \$11,500.

Visiting Staff

11. PAUL D. EISENBERG, Visiting Assistant Professor of Philosophy, Urbana, for the second semester 1969-70 (E), at a salary of \$6,500.
12. BRIAN D. ELLIS, Visiting Professor of Philosophy, Chicago Circle, for the fall quarter 1969-70 (G), at a salary of \$7,200.
13. JEROME E. JACKSON, Visiting Assistant Professor of Physics, Chicago Circle, beginning September 16, 1969 (E), at an annual salary of \$10,200.
14. C. J. RADFORD, Visiting Associate Professor of Philosophy, Urbana, for the second semester 1969-70 (E), at a salary of \$8,800.

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

SABBATICAL LEAVE OF ABSENCE 1969-70, URBANA

- (4) In accordance with the provisions of the University of Illinois *Statutes*, I recommend that Dr. Marvin Metzger, Professor of Physical Metallurgy, be given a sabbatical leave of absence with full pay for the second semester 1969-70 for study and research, at Oxford University, on the theory of electron microscopy and diffraction.

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

EXECUTIVE DEAN OF THE COLLEGE OF MEDICINE, MEDICAL CENTER

- (5) The Chancellor at the Medical Center campus has recommended the appointment of Dr. William J. Grove, presently Professor of Surgery on indefinite tenure and Dean of the College of Medicine, as Professor of Surgery on indefinite tenure and Executive Dean of the College of Medicine, beginning January 1, 1970, on a twelve-month service basis, at an annual salary of \$40,000.

This appointment is one in a series of steps in the implementation of the plan for reorganization and expansion of the College of Medicine that was approved by the Board of Trustees at its meeting on Wednesday, July 23, 1969. The Illinois Board of Higher Education approved the plan on November 4, 1969.

Dr. Grove has served as Dean of the College of Medicine since March 1, 1968. The nomination of Dr. Grove is made after consultation with the Executive Committee of the College of Medicine. The Executive Vice President and Provost concurs.

I recommend approval.

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

ESTABLISHMENT OF THE ABRAHAM LINCOLN SCHOOL OF MEDICINE WITHIN THE COLLEGE OF MEDICINE, MEDICAL CENTER, AND APPOINTMENT OF THE DEAN OF THAT SCHOOL

- (6) The plan for the reorganization of the College of Medicine—approved by the Board of Trustees on July 23, 1969, and endorsed by the Board of Higher Education on November 4, 1969—authorizes the establishment of semiauton-

omous "schools" within the College of Medicine, each with its own dean. The Dean of the present College of Medicine would become Executive Dean of the reorganized College, in accordance with the recommendation made in the preceding item of the agenda for this meeting.

As a further step in the implementation of the plan of reorganization, the Dean of the College of Medicine, with the concurrence of the Chancellor at the Medical Center campus, has recommended that the first of the semiautonomous "schools" be established as of January 1, 1970, and that it be named "The Abraham Lincoln School of Medicine." The new School would comprise all of the clinical departments within the present College of Medicine. Its name was proposed by the heads of these departments. (It has been decided not to include the term "clinical" in the names of the schools responsible for the last three years of the revised medical curriculum—although this usage had been indicated in the proposal submitted to the Board of Trustees on July 23, 1969.)

The Dean of the College of Medicine, with the concurrence of the Chancellor at the Medical Center campus, recommends the appointment of Dr. Alexander M. Schmidt, presently Associate Professor of Medicine on indefinite tenure and Executive Associate Dean, as Professor of Medicine on indefinite tenure and Dean of The Abraham Lincoln School of Medicine beginning January 1, 1970, on a twelve-month service basis, at an annual salary of \$37,000.

The nomination of Dr. Schmidt is made with the advice of a search committee¹ and after consultation with the heads of the clinical departments of the College of Medicine.

The Executive Vice President and Provost concurs in these recommendations.

I recommend approval.

On motion of Mr. Grimes, the establishment of this school was authorized and the appointment was approved.

PROPOSAL TO REORGANIZE AND RENAME THE OFFICE OF RESEARCH IN MEDICAL EDUCATION AND THE CENTER FOR THE STUDY OF MEDICAL EDUCATION, MEDICAL CENTER

(7) The Dean of the College of Medicine recommends, with the concurrence of the Chancellor at the Medical Center campus, that the functions performed by the Office of Research in Medical Education and the Center for the Study of Medical Education be combined into a single unit to be called the Center for Educational Development.

The Center for Educational Development will be organized and administered as a unit of the Office of the Executive Dean of the College of Medicine. Dr. George E. Miller, Professor of Medicine on indefinite tenure and currently in charge of the Office of Research in Medical Education and the Center for the Study of Medical Education, will serve as Director of the proposed Center for Educational Development.

The newly organized Center will have the following responsibilities: continuation of fundamental research in medical education; provision of assistance in development of curriculum strategy and tactics to the faculties of the several schools within the College; instructional and evaluation methods; instruction of new faculty members in educational process, particularly in the clinical centers, and the new schools of clinical medicine; and, finally, to plan, organize, and conduct the expanded programs of continuing medical education to be offered by the College of Medicine.

The University's budget request for operations for fiscal year 1970-71 as

¹Lloyd M. Nyhus, Professor and Head of Surgery, *Chairman*; Erick Albert, third-year medical student; Albert H. Andrews, Professor of Bronchoesophagology and Head of Otolaryngology; Rolf M. Gunnar, Professor of Medicine; Cecil A. Krakower, Professor and Head of Pathology; Edward A. Lichter, Professor and Head of Preventive Medicine and Community Health; Alfred Nisonoff, Professor and Head of Biological Chemistry; Ira M. Rosenthal, Professor of Pediatrics; Melvin Sabshin, Professor and Head of Psychiatry, *Vice Chairman*; Irving Schulman, Professor and Head of Pediatrics; William Schumer, Professor of Surgery; John T. Sharp, Professor of Medicine; Ralph M. Wynn, Professor and Head of Obstetrics and Gynecology.

presented to the Illinois Board of Higher Education includes an item for support of the proposed Center for Educational Development.

A revision and an extension of an existing program are proposed and, as such, would not need to be approved by the Illinois Board of Higher Education.

The Executive Vice President and Provost concurs in this recommendation. I recommend approval.

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

PROPOSAL TO ESTABLISH AN OFFICE OF EDUCATIONAL RESOURCES, MEDICAL CENTER

(8) The Chancellor at the Medical Center campus recommends the establishment of an Office of Educational Resources. The responsibility for further expansion of television and other audio-visual technology in support of the rapidly expanding educational programs of the Medical Center campus will be assigned to the proposed Office of Educational Resources.

An immediate mission of the Office of Educational Resources will be to develop and operate a telecommunication network that will link the Medical Center campus to its extramural clinical centers and affiliated hospitals. The network and its associated facilities will be used to conduct programs of continuing education, house-staff training, and teacher education. In addition, the Office of Educational Resources will maintain and improve the existing programs of instructional television for all colleges and departments at the Medical Center campus.

The Office of Educational Resources will be organized and administered as a unit of the Office of the Chancellor. The establishment of the Office of Educational Resources will occur primarily from a reorganization of functions now conducted at the Medical Center campus under the Illustration Studios.

For purposes of coordination, Dr. George E. Miller will serve as Director of the Office of Educational Resources as well as Director of the Center for Educational Development.

The University's budget request for operation for fiscal year 1970-71 as presented to the Illinois Board of Higher Education includes funds to support the proposed Office of Educational Resources.

A revision and an extension of an existing program are proposed and, as such, would not need to be approved by the Illinois Board of Higher Education.

The Executive Vice President and Provost concurs in this recommendation. I recommend approval.

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

COLLEGE OF DENTISTRY AFFILIATION WITH ILLINOIS MASONIC MEDICAL CENTER, MEDICAL CENTER

(9) The Dean of the College of Dentistry recommends, with the concurrence of the Chancellor at the Medical Center campus, approval of an affiliation agreement with the Illinois Masonic Medical Center to become effective January 1, 1970.

Under the affiliation agreement, certain resources of the Illinois Masonic Medical Center will become available to support the educational programs of the College of Dentistry. Illinois Masonic Medical Center has embarked upon a building expansion program which will increase bed capacity from 500 to 850.

The Illinois Masonic Medical Center has begun a family health care demonstration project oriented toward total patient care, but lacking a desired comprehensive dental service. An affiliation with Illinois Masonic Medical Center would provide an ideal community environmental experience. The program envisioned in the affiliation would provide clinical clerkships in hospital dentistry for the third- and fourth-year dental students, and additional facilities for rotation of the post-D.D.S. students who are training in the various dental specialties. The undergraduate clerkships would encompass on-site clinical exposure in general medicine and surgery rounds in addition to specific assignment in the Hospital Dental Department.

The affiliation will not commit the University or the Illinois Masonic Medical Center to financial obligations, and each party will remain in control of its respective instructional programs.

The Executive Vice President and Provost concurs in the recommendation. I recommend approval.

On motion of Mr. Grimes, this recommendation was approved. Mr. Stone requested that he be recorded as "present."

**REPORT ON LEGISLATION: CHANGE IN NAME OF RESEARCH
AND EDUCATIONAL HOSPITALS AND TRANSFER OF ILLINOIS
EYE AND EAR INFIRMARY, MEDICAL CENTER**

(10) The Illinois Seventy-sixth General Assembly passed and the Governor has approved Senate Bills 692, 693, and 694. These bills provide for the transfer of the Illinois Eye and Ear Infirmary to the University of Illinois, effective January 1, 1970.

Senate Bill No. 693 changes the name of the Research and Educational Hospitals to University of Illinois Hospital and adds the Illinois Eye and Ear Infirmary as one of the units included in the Hospital.

On motion of Mr. Clement, this report was received for record.

**APPROPRIATIONS AND REAPPROPRIATIONS
FOR NONRECURRING EXPENDITURES**

Urbana-Champaign

(11) The Executive Vice President and Provost and the Vice President and Comptroller recommend the following appropriation from the University General Reserve:

Renovation and remodeling for which funds are assigned to the Department of Plant and Services:

Remodeling in the East Chemistry Building for the Medical Education Program and the Department of Biochemistry..... \$80 910

Medical Center

The Chancellor, on behalf of the Medical Center Committee on Nonrecurring Appropriations, recommends the following appropriation from the Medical Center General Reserve:

Illustration Studios, instructional television equipment..... \$45 000

The Chancellor at the Medical Center also recommends reappropriation from the Medical Center General Reserve of the following balances remaining in projects previously approved by the Board of Trustees but not completed by the close of the lapse period on September 30:

College of Dentistry

Department of Oral Pathology, equipment..... \$21 000

Renovation and remodeling for which funds are assigned to the Physical Plant Department:

Remodeling in the Dentistry-Medicine-Pharmacy Building for the

Department of Oral Pathology in the College of Dentistry..... 35 850

Total \$56 850

The Executive Vice President and Provost and the Vice President and Comptroller concur.

I recommend approval of these appropriations and reappropriations.

On motion of Mr. Clement, these appropriations and reappropriations were made by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

**EMPLOYMENT OF ARCHITECT FOR ARCHITECTURE AND
ART LABORATORIES ADDITION, CHICAGO CIRCLE**

(12) The President of the University, with the concurrence of appropriate administrative officers, recommends, subject to the release of funds by the Governor, the employment of Skidmore, Owings & Merrill, Chicago, for profes-

sional services, including supervision, for the Architecture and Art Laboratories Addition, Chicago Circle, at a fee of 6.12 per cent of the preliminary construction cost budget, subject to adjustment to actual cost of construction, plus reimbursable expenses approved by the University. Authorization under this contract for fees and expenses will be limited at this time to \$246,906, unless and until further authorization is given. It is further recommended that the contract be assigned to the Illinois Building Authority upon financing arrangements being completed by it.

Funds are available in state capital appropriations to the University for Fiscal Year 1970, subject to release by the Governor.

The Advisory Committee on Architectural and Engineering Services and the Buildings and Grounds Committee have approved this recommendation.

On motion of Mr. Jones, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

EMPLOYMENT OF ENGINEER FOR AIR CONDITIONING, PHASE IV, CHICAGO CIRCLE

(13) The President of the University, with the concurrence of appropriate administrative officers, recommends the employment of Sargent & Lundy, Chicago, for engineering services for additional air conditioning capacity for Phase IV buildings at the Chicago Circle campus on the following basis: engineering and drafting personnel at actual salaries and wages plus 50 per cent; wages of other personnel and direct costs at actual wages and costs; a fixed fee charge of 2 per cent of the preliminary construction costs subject to adjustment to actual costs of construction; field supervision at actual salary plus 30 per cent; and reimbursable expenses approved by the University.

Authorization under this contract for fees and expenses will be limited at this time to \$52,725 unless and until further authorization is given. Funds for the balance of the engineering services and the construction of this project were declared to be in the public interest by the Seventy-sixth General Assembly of the State of Illinois. It is, therefore, further recommended that the Illinois Building Authority be requested to finance the balance of the engineering work and that the contract be assigned to the Authority upon financing arrangements being completed by it.

Funds are available in state capital appropriations to the University and have been released by the Governor.

The Advisory Committee on Architectural and Engineering Services and the Buildings and Grounds Committee have approved this recommendation.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

EMPLOYMENT OF ENGINEER FOR EXTENSION OF UTILITIES DISTRIBUTION SYSTEM, CHICAGO CIRCLE

(14) The President of the University, with the concurrence of appropriate administrative officers, recommends, subject to release of funds by the Governor, the employment of Sargent & Lundy, Chicago, for engineering work for the required modification and extension of the present utilities distribution system to the site of the Student Services Building and the Classroom-Office Building at the Chicago Circle campus, on the following basis: engineering and drafting personnel at actual salaries and wages plus 50 per cent; wages of other personnel and direct costs at actual wages and costs; a fixed fee charge of 2 per cent of the preliminary construction cost budget, subject to adjustment to actual costs of construction; field supervision at actual salary plus 30 per cent; and reimbursable expenses approved by the University. Authorization under this contract for fees and expenses will be limited at this time to \$110,000 unless and until further authorization is given.

The Advisory Committee on Architectural and Engineering Services and the Buildings and Grounds Committee have approved this recommendation.

Funds are available in state capital appropriations to the University, subject to release by the Governor.

On motion of Mr. Grimes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO EMPLOY
ARCHITECT FOR PLANT RESEARCH LABORATORY
ADDITION, CHICAGO CIRCLE**

(15) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to enter into a contract with Skidmore, Owings & Merrill, Chicago, for full professional services, including supervision, for the Plant Research Laboratory Addition at the Chicago Circle campus on the following basis: 9 per cent of the first \$100,000, 8½ per cent of the next \$400,000, 8 per cent of the next \$500,000 of the preliminary construction cost budget, subject to adjustment to actual costs of construction, and reimbursable expenses authorized by the University.

The financing of the planning and construction of this project by the Illinois Building Authority was declared to be in the public interest by the Seventy-sixth General Assembly of the State of Illinois. Under the terms of the architectural contract, the Illinois Building Authority, as owner, will be responsible for the financing of all architectural fees and expenses and the University, as user, will direct the planning and approve the design and plans for the project.

The Advisory Committee on Architectural and Engineering Services and the Buildings and Grounds Committee have approved this recommendation.

On motion of Mr. Grimes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO EMPLOY ENGINEER
FOR UTILITIES BUILDING ADDITION, PHASE IV, CHICAGO CIRCLE**

(16) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to enter into a contract with Sargent & Lundy, Chicago, for professional services for the Utilities Building Addition—Phase IV at the Chicago Circle campus on the following basis: engineering and drafting personnel at actual salaries and wages plus 50 per cent; wages of other personnel and direct costs at actual wages and costs; 2 per cent of the preliminary construction cost budget subject to adjustment to actual costs of construction; field supervision at actual salary plus 30 per cent; and reimbursable expenses authorized by the University.

The financing of the planning and construction of this project by the Illinois Building Authority was declared to be in the public interest by the Seventy-sixth General Assembly of the State of Illinois. Under the terms of the engineering contract, the Illinois Building Authority, as owner, will be responsible for the financing of all engineering fees and expenses and the University, as user, will direct the planning and approve the design and plans for the project.

The Advisory Committee on Architectural and Engineering Services and the Buildings and Grounds Committee have approved this recommendation.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

EMPLOYMENT OF CONSULTANT FOR CHICAGO CIRCLE AND MEDICAL CENTER

(17) The President of the University, with the concurrence of appropriate administrative officers, recommends, subject to consultation with the Legislative Audit Commission, employment of Ernst & Ernst, Chicago, for an economic analysis of operating and capital costs of separate versus consolidated physical plant facilities for the Chicago Circle and Medical Center campuses. The consultant's fee is to be based upon standard rates for principals and technical personnel plus expenses authorized by the University and is estimated at approximately \$27,000.

It is further recommended that an assignment be made from the General University Reserve in the total amount of \$27,000.

On motion of Mr. Jones, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

EMPLOYMENT OF ARCHITECT FOR ANIMAL HOLDING FACILITY, URBANA

(18) The President of the University, with the concurrence of appropriate administrative officers, recommends, subject to the release of funds by the Governor, the employment of The Perkins & Will Partnership, Chicago, for professional services for the Animal Holding Facility, Urbana, at a fee based on 7 per cent of the preliminary construction cost budget, subject to adjustment to actual costs of construction plus reimbursable expenses approved by the University. Authorization under this contract for fees and expenses will be limited at this time to \$27,500 unless and until further authorization is given. It is further recommended that this contract be assigned to the Illinois Building Authority upon financing arrangements being completed by it.

Funds are available in state capital appropriations to the University for Fiscal Year 1970, subject to release by the Governor.

The Advisory Committee on Architectural and Engineering Services and the Buildings and Grounds Committee have approved this recommendation.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

FINANCING OF PARKING STRUCTURE, URBANA

(19) On July 23, 1969, the Board of Trustees authorized the leasing of building sites to the University of Illinois Foundation for a "Parking Structure" and requested the Foundation to borrow \$1,715,000 to construct two units of the structure. The remaining \$500,000 of the cost has been provided from existing Faculty-Staff Parking Revenues.

The Foundation has completed arrangements for borrowing the funds from The First National Bank of Chicago. The Vice President and Comptroller recommends that the following resolution be adopted to formalize the actions already approved at the July 23, 1969, meeting.

Resolution Re Parking Structure Sixth and John Streets and Fifth and Daniel Streets, Champaign, Illinois

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, hereinafter referred to as "University," that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized for and in the name of, and on behalf of, this public corporation:

(1) to sign, execute and deliver an agreement with and to University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, hereinafter referred to as "Foundation," which agreement shall provide that this University will lease certain hereinafter described property owned by it in Champaign, Illinois to Foundation; that Foundation will borrow money for the purpose of

constructing, and will construct, on said property buildings and facilities for use as a parking structure for approximately 658 motor vehicles in two units, one unit to be located at Sixth and John Streets in Champaign, Illinois, and the other unit to be located at Fifth and Daniel Streets in Champaign, Illinois, and which units are hereinafter referred to as "Parking Structure"; that University will make available to Foundation, to be used to pay part of the cost of said construction, the sum of Five Hundred Thousand Dollars (\$500,000.00); that Foundation will sublease said premises, including the buildings and facilities to be erected thereon, to University at a rental sufficient to pay Foundation's indebtedness incurred in connection with the construction and equipping of said buildings and facilities; and that upon completion of the repayment of said indebtedness from said rentals title to said property, including all improvements and facilities thereon, shall be vested in University:

(2) to enter into a lease with Foundation providing for the leasing by University to Foundation of the following described property, viz:

"All of Lots one (1), two (2), three (3), six (6), seven (7), eight (8), and nine (9) and the South Twenty (20) feet of Lot four (4) and the South Fifty-five and Five Tenths (55.5) feet of Lot five (5) of Block Fourteen (14) of Assessor's Subdivision of Blocks Ten (10), Eleven (11), and Fourteen (14) of J. S. Wright's Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign, and State of Illinois."

for a term of thirty years commencing on the first day of August, A.D. 1969, and extending to and including the 31st day of July, A.D. 1999, or until the indebtedness incurred by Foundation in connection with the construction and equipping of said buildings and facilities has been paid and liquidated, whichever shall first occur; in consideration of Foundation's constructing thereon buildings and facilities for use as a Parking Structure pursuant to plans and specifications therefor as now on file in the office of the University Architect of University and for which bids have been received and contracts awarded by Foundation, and in consideration of Foundation's reimbursing University for architectural and engineering fees incurred in connection with said construction and the plans and specifications therefor, and in consideration of Foundation's subleasing said premises and the buildings and facilities to be erected thereon to University upon the terms and conditions hereinafter set forth; and providing further that in the event University should become in default under the terms of said sublease or fail to exercise any option for renewal of the term of said sublease under the terms and conditions therein set forth that thereupon Foundation shall have the full and unrestricted right to the use and possession of said premises and the buildings and facilities erected thereon for the remainder of the original term of said lease and the right to assign said lease or sublet said premises with the buildings and facilities thereon to others for the remainder of the original thirty year term of said lease;

(3) to enter into a sublease agreement with Foundation when the construction of said buildings and facilities has been completed, providing for the subleasing by Foundation to University of said premises including the buildings and facilities thereon, under which sublease University will agree to pay a rental sufficient to meet all current installment payments becoming due and required to be paid by Foundation during the term of said sublease on Foundation's indebtedness incurred in connection with the construction of said buildings and facilities; said sublease to run from the date of the closing of Foundation's permanent loan secured for the financing of said improvements and extend to the next following June 30, and which permanent loan it is contemplated will be repayable in forty quarterly installments of approximately Fifty-Nine Thousand Seven Hundred Fifty Dollars (\$59,750.00) each with interest at an effective net interest rate of Five Percent (5%) due each quarter on the unpaid balance; and which sublease shall contain options giving to University the right to renew said sublease for successive annual periods from July 1 of one year to June 30 of the next following year by giving written notice to Foundation between the first and fifteenth day of July in each year when such renewal is to be made, until said sublease is finally terminated by the payment and liquidation of the above mentioned indebtedness;

(4) to commit this University to act as agent for Foundation in the supervision of construction and administration of contracts therefor and change orders thereto, and the administration and service of said indebtedness, and in making payments of and disbursements from and of funds made available by the creditor of Foundation for the purpose of said construction and acquisition of facilities; and

(5) to sign, execute, acknowledge and deliver any and all other documents and instruments deemed necessary or desirable by said Comptroller and said Secretary to accomplish the purposes herein set forth.

On motion of Mr. Grimes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

**LIMITED AGENCY AND PARTICIPATION AGREEMENT WITH ILLINOIS
DEPARTMENT OF AERONAUTICS FOR IMPROVEMENTS
AT UNIVERSITY OF ILLINOIS-WILLARD AIRPORT**

(20) The Illinois Department of Aeronautics has agreed to provide total costs not exceeding \$200,000 to provide certain auto parking facilities, perimeter fencing, drainage and incidental items at the University of Illinois-Willard Airport as defined in their Project 70A-12-503. It is requested that the Vice President and Comptroller and the Secretary be authorized to execute the limited agency and participation agreement required by the State Department of Aeronautics to initiate this project.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

PURCHASES

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

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.....	\$ 541 263 61
From Institutional Funds Recommended.....	530 290 45
<i>Grand Total</i>	<i>\$1 071 554 06</i>

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. Clement, the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(22) 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 REPORT OF GIFTS AND FUNDS RECEIVED
FROM OUTSIDE SOURCES**

(23) The Comptroller presented a report of gifts, grants, and contract funds (including funds from private donors and funds received from governmental agencies)

received by the University during the fiscal year July 1, 1968, through June 30, 1969.

The complete report 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.

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

Summary

Funds from Private Donors

To the University	
For Urbana-Champaign	\$ 6 593 219 14
For Medical Center.....	950 156 51
For Chicago Circle.....	132 023 17
	(7 675 398 82)
To the University of Illinois Foundation.....	2 724 656 72
<i>Total</i>	\$10 400 055 54

Funds from United States Government

For Urbana-Champaign (including \$862,418 from National Defense Education Act, and \$81,000 from Health Professions Act for student loans).....	\$47 921 260 68
For Medical Center (including \$39,799 from National Defense Education Act, \$424,242 from Health Professions Act, and \$36,000 from Nurses Training Act for student loans).....	9 438 535 75
For Chicago Circle (including \$161,140 from National Defense Education Act, and \$68,000 from Educational Opportunity Grants for student loans).....	6 007 628 36
<i>Total</i>	\$63 367 424 79

Funds from Contracts with State of Illinois Agencies

For Urbana-Champaign	\$ 1 570 151 47
For Medical Center.....	444 631 48
For Chicago Circle.....	82 825 93
<i>Total</i>	\$ 2 097 608 88
<i>Grand Total</i>	\$75 865 089 21

This report was received for record.

COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED

(24) The Comptroller's monthly report of contracts executed was presented.

Chicago Circle

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Department of Public Aid	Expansion of field instruction in public aid	\$ 10 237
<i>Total</i>		\$ 10 237

Medical Center

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Department of Public Health and City of Chicago Board of Health	Evaluation of High-Risk Infant Clinic	\$ 90 181
Minnesota Mining and Manufacturing Company	Study of gastrointestinal administration for efficacy and toxicity	80 000
<i>Total</i>		\$170 181

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Army DA-49-193-MD-2410	Transmission of the common cold to volunteers under controlled conditions	\$ 55 325
<i>Total</i>		\$ 55 325

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Simpson Construction Company	Cost-plus contract — general work: Medical Research Laboratory	\$ 8 905
<i>Total</i>		<hr/> \$ 8 905

Urbana-Champaign*New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
National Aeronautics and Space Administration	Functional diagnosability and recovery from massive faults in digital systems	\$ 26 228
United States Air Force:		
AFOSR-70-1865	Cognitive processes and systems	97 975
F33615-70-C-1091	Study on stabilizing a plasma by means of an external dynamic feedback loop	36 600
United States Department of the Interior	Disinfection of sewage effluents	29 383
Federal Water Pollution Control Administration		
17060-DNU		
United States Department of State	University of Illinois Jazz Band tour of Russia and Poland	6 898
SCC-41045		
<i>Total</i>		<hr/> \$197 084

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Educational Products Information Exchange Institute	Development and testing of instruments and techniques for gathering information about school settings	\$ 12 686
Illinois State Library	Library research and reference services project	100 000
Institute of Boiler and Radiator Manufacturers	Investigations, experimental, and research work relating to the heating and ventilating of houses and buildings	37 000
United States Air Force:		
AF-AFOSR-328-67	Theory of solids and condensed matter	36 220
AF 33(615)-5248	Low density plasmas with gaseous lasers	20 300
United States Army:		
DA-49-193-MD-2909	Determination of free bromine in water	26 225
DAAB07-69-C-0097	Study and investigation toward design of a direction finder system for MF-HF-VHF ranges	129 866
United States Atomic Energy Commission	Pattern recognition and data handling problems arising in the analysis of bubble chamber photographs of high-energy particle events	100 000
AT(11-1)1018		
United States Department of the Interior	Operations of Water Resources Center	100 000
Office of Water Resources Research		
14-01-0001-1632		
United States Navy:		
N-00014-67-A-0305-0001	Kinetic theory of strong shock waves by solution of the Boltzmann equation	30 000
N-00014-67-A-0305-0002	Investigations of radio direction finding techniques over broad bands of frequencies to obtain accurate information on intercepted signals	170 000
<i>Total</i>		<hr/> \$762 297

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Dean Evans Company	Cost-plus contract — general work:	
	East Chemistry	\$ 5 500
	Mining and Metallurgy	5 800
	Talbot Laboratory	5 800
Remco Electrical	Cost-plus contract — electrical work: Mining and Metallurgy	8 700
<i>Total</i>		<hr/> \$ 25 800

Summary

Amount to be paid to the University:	
Chicago Circle.....	\$ 10 237
Medical Center.....	225 506
Urbana-Champaign.....	959 381
<i>Total</i>	<u>\$1 195 124</u>
Amount to be paid by the University:	
Medical Center.....	\$ 8 905
Urbana-Champaign.....	25 800
<i>Total</i>	<u>\$ 34 705</u>

This report was received for record.

INVESTMENT REPORT FOR THE MONTH OF OCTOBER, 1969**Report of the Finance Committee**

(25) The Finance Committee reported the following changes in investments of endowment funds:

Beckwith

Purchase:

\$174 000 U.S. Treasury bills due 5/31/70..... \$166 656 33

Goldberg

Sale:

\$1 550 Chicago & West Towns Railways 6 per cent IncBds
due 7/1/2004 1 317 50

Purchases:

\$1 000 General Finance Corporation demand note..... 1 000 00
6 000 U.S. Treasury bills due 5/31/70..... 5 746 77

Miller

Sale:

\$35 000 Ford Motor demand notes..... 35 000 00

Purchase:

100 shares International Business Machines common stock..... 34 998 93

Pool

Sales:

100 shares Corn Products Company common stock..... 3 314 18
8 shares Marcor, Incorporated, common stock..... 404 00
520 shares Quaker Oats common stock..... 29 199 82

Purchase:

\$32 000 CIT Financial Corporation demand notes..... 32 000 00

Rust

Purchase:

\$83 000 U.S. Treasury bills due 5/31/70..... 79 496 84

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make:

*Current Funds**Current Funds* (Chicago Circle)

Sale:

\$6 000 Walter E. Heller demand notes..... \$ 6 000 00

Purchases:

\$ 6 000 Walter E. Heller demand notes..... 6 000 00
255 000 Jim Walter notes due 7/3/69..... 253 693 02
50 000 Jim Walter notes due 7/23/69..... 49 427 08
55 000 Jim Walter notes due 9/30/69..... 53 513 72
445 000 Jim Walter notes due 10/6/69..... 439 424 19
250 000 Jim Walter notes due 12/29/69..... 239 098 96

Ford Foundation International Programs

Purchase:
\$178 000 U.S. Treasury bills due 5/31/70..... 170 487 41

Medical Service Plan

Purchases:
\$ 50 000 U.S. Treasury bills due 10/30/69..... 49 282 22
235 000 Federal National Mortgage Association notes due 12/8/69 226 325 73

Restricted Group

Sale:
\$1 000 000 Household Finance notes due 11/5/69..... 998 347 22

Purchases:
\$1 000 000 Amoco notes due 10/16/69..... 998 347 22
1 000 000 Genesco notes due 1/6/70..... 978 368 06
1 000 000 Arkansas Louisiana Gas notes due 2/3/70..... 971 968 75
1 000 000 Beneficial Finance notes due 4/6/70..... 958 916 67
1 000 000 Clark Equipment notes due 4/6/70..... 959 520 83
1 000 000 Arkansas Louisiana Gas notes due 5/4/70..... 953 013 89
1 000 000 B-W Acceptance Corporation notes due 5/4/70..... 953 472 22
1 000 000 Creditthrift Financial 9½ per cent notes due 4/16/71.... 1 000 000 00

Stubbins Student Loan

Sale:
\$2 000 U.S. Treasury bills due 2/28/70..... 1 935 60

*Plant Funds**Art Objects*

Purchase:
\$362 000 U.S. Treasury bills due 7/31/70..... 342 079 44

Bonds of 1964 Auxiliary (Medical Center)

Purchase:
\$120 000 U.S. Treasury bills due 11/30/69..... 119 304 87

Dentistry-Medicine-Pharmacy Auxiliary (Medical Center)

Purchases:
\$100 000 U.S. Treasury bills due 12/22/69..... 99 035 44
310 000 U.S. Treasury bills due 4/16/70..... 299 398 00
200 000 U.S. Treasury bills due 8/15/70..... 199 900 00

Florida Avenue Residence Hall

Sale:
\$650 000 U.S. Treasury bills due 2/28/70..... 634 985 00

*Sinking Funds**Assembly Hall*

Purchases:
\$ 2 000 U.S. Treasury bills due 3/31/70..... 1 943 08
205 000 U.S. Treasury 6¾ per cent notes due 8/15/70..... 202 693 75

Bonds of 1964 (Medical Center)

Purchase:
\$51 000 U.S. Treasury bills due 11/13/69..... 49 510 10

Dentistry-Medicine-Pharmacy (Medical Center)

Purchases:
\$66 000 U.S. Treasury bills due 3/26/70..... 64 102 50
20 000 U.S. Treasury bills due 3/31/70..... 18 947 25
7 000 U.S. Treasury 4½ per cent bonds due 2/15/74..... 6 454 38

Union Bond and Interest (Chicago Circle)

\$321 000 U.S. Treasury bills due 9/18/69..... 315 725 79
365 000 U.S. Treasury bills due 2/28/70..... 347 874 40
367 000 U.S. Treasury bills due 3/23/70..... 351 629 46

This report was received for record.

HEADSHIP OF THE DEPARTMENT OF OPHTHALMOLOGY, MEDICAL CENTER

(26) The Dean of the College of Medicine has recommended to the Chancellor at the Medical Center campus the appointment of Dr. Morton F. Goldberg, presently Research Fellow in Genetics, Department of Medicine, The Johns Hopkins University, as Professor of Ophthalmology on indefinite tenure and Head of the Department, beginning January 15, 1970, on a twelve-month service basis, at an annual salary of \$38,000.

This appointment is to succeed Dr. Peter C. Kronfeld, who retired August 31, 1968.

The nomination of Dr. Goldberg is made with the advice of a search committee¹ and after consultation with all members of the faculty of the Department of Ophthalmology of the rank of assistant professor and above, and with the Dean of the Graduate College. The Chancellor at the Medical Center campus approves the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

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

CONTRACT WITH BOARD OF EDUCATION OF THE CITY OF CHICAGO

(27) The Chancellor at Chicago Circle and the Vice President and Comptroller recommend award of a contract with the Board of Education of the City of Chicago in the amount of \$7,790.34.

This contract provides for reimbursement to the Board of Education for three-fifths (\$7,790.34) of the services of one of their staff members, who will serve as Specialist in Education, as a supervisor of the student teachers of English.

Funds are available from the College of Liberal Arts and Sciences unassigned salaries.

I concur.

On motion of Mr. Grimes, this contract was awarded as recommended by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

AUTHORIZATION FOR A STUDY OF THE FEASIBILITY OF A PROGRAM OF TELEVISION INSTRUCTION OFF CAMPUS TO BE CONDUCTED BY THE COLLEGE OF ENGINEERING AT CHICAGO CIRCLE

(28) The Dean of the College of Engineering at the Chicago Circle campus, with the concurrence of the Chancellor, has proposed a study of the feasibility of developing and financing a program of off-campus instruction in engineering by means of televising regular courses as they are taught on campus.

The feasibility study would be conducted with the assistance of Genesys Systems, Inc., of Mountain View, California, an organization specializing in the planning and implementation of university-level instructional television networks (e.g., the one in operation at Stanford University's College of Engineering). This firm would provide consulting services covering all aspects of such a program, including presentations to industry and financial arrangements.

It is proposed that the Vice President and Comptroller be authorized to execute a consulting agreement with Genesys Systems, Inc., for such a feasibility study, and that the Board approve an allocation from the University General Reserve in the amount of \$15,000 for this purpose.

The Executive Vice President and Provost and the Vice President and Comptroller recommend approval.

I concur.

On motion of Mr. Stone these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr.

¹ Nicholas J. Cotsonas, Professor of Medicine, Chief of Medical Services, Research and Educational Hospitals, and Acting Head of the Department of Medicine, College of Medicine, *Chairman*; Robert W. Carton, Professor of Medicine; William F. Hughes, Jr., Clinical Professor of Ophthalmology; L. M. H. Larramendi, Professor of Anatomy; Everett W. Maynert, Professor of Pharmacology; Burton J. Soboroff, Professor of Otolaryngology; Donald J. Caseley, Vice Chancellor; George S. Procyk, Student Member; James W. Klein, Student Member.

Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

CONTRACT FOR A FEASIBILITY STUDY IN FACSIMILE PRINTING

(29) The Stewart-Warner Corporation has offered to support a feasibility study in the amount of \$9,917 to be conducted by the Department of Electrical Engineering at the University of Illinois in facsimile printing using electrical field forces for ink transfer. The proposed study supports an area of research in which the Department of Electrical Engineering has developed a unique competence in the basic fundamentals applicable to this project. Since this is a feasibility study, it is contemplated that the project may lead to substantial additional support for graduate students and staff in an important field of interest in the Department of Electrical Engineering.

University policy provides that patentable discoveries and related rights arising out of such a project will remain the property of the University, but if such discoveries have commercial value, the sponsoring agency may receive preferential consideration in the administration of the patent. The sponsor in this instance has requested that such preferential treatment be defined in advance, as follows:

Sponsor shall have an option for the following license under any and all patentable inventions and developments arising out of contract.

1. The option shall be for an exclusive license and shall be exercisable by the sponsor with respect to each invention within 90 (ninety) days after the filing of the patent application;
2. If such option is exercised, sponsor shall pay quarterly to the University a royalty of five per cent (5%) of the net sales price of that portion of the apparatus or method covered by the limitation of the license patent claims (multiple royalties shall not be paid on two or more patents);
3. If for any calendar year, sponsor shall fail to pay a royalty of at least five thousand dollars (\$5,000), then the license can be converted to a nonexclusive license by the University giving sponsor ninety (90) days advance written notice. Sponsor can pay such sum as may be necessary to maintain its exclusive license within such ninety (90) days.
4. Sponsor shall have the right to terminate the license with respect to any or all patents upon ninety (90) days notice to the University.
5. The University will have an option of converting the license to a nonexclusive license after a ten-year period.

The President, with the concurrence of appropriate administrative officers, recommends approval of the foregoing contract.

On motion of Mr. Clement, this contract was approved as recommended.

HEADSHIP OF THE DEPARTMENT OF ENTOMOLOGY, URBANA

(30) The Dean of the College of Liberal Arts and Sciences has recommended to the Chancellor at Urbana-Champaign the appointment of Dr. Joseph R. Larsen, Jr., presently Professor of Entomology and Physiology, Counselor in the Council on Teacher Education, and Acting Head of the Department of Entomology, as Head of the Department of Entomology beginning January 1, 1970, on an academic year service basis, at an annual salary of \$17,600.

Dr. Larsen will continue to hold the rank of Professor of Entomology and Physiology on indefinite tenure.

This appointment will succeed Dr. Clyde W. Kearns who asked to be relieved of this administrative assignment as of November 1, 1969.

The nomination of Dr. Larsen has the support of the Executive Committee of the College of Liberal Arts and Sciences and the Dean of the Graduate College. The Chancellor at Urbana-Champaign approves the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

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

CURRICULUM IN TEACHER EDUCATION IN RUSSIAN, CHICAGO CIRCLE

(31) The Chicago Circle Senate has approved a proposal from the Department of Slavic Languages and Literatures, College of Liberal Arts and Sciences, for the establishment of a curriculum in Teacher Education in Russian leading to the degree of Bachelor of Arts in the Teaching of Russian.

The enrollment in existing programs in Russian language in Illinois high schools is on the increase generally. A recent survey has indicated that more than half of these programs are located either in the city of Chicago or in its suburbs. (The majority of Illinois residents of Slavic background live in the Chicago area.) Available data indicate that the area will continue to be the most promising locale in the state for expansion of Russian high school programs and the resultant need for teachers of Russian.

The proposed program would allow close supervision of practice teachers as well as provide courses to maintain and improve the skills of current high school teachers of Russian.

The four-year curriculum consists of advanced training in the Russian language, the essential preparation in the field of Russian literature and criticism, and the basic methodology in teaching Russian at the high school level. Courses in education and the necessary college and university requirements are also part of the curriculum.

The Chancellor at the Chicago Circle campus and the Executive Vice President and Provost endorse this proposal. The University Senates Conference indicates that no other Senate jurisdiction is involved.

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

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

CHANGE ORDER—COMPUTER LEASE/ACQUISITION

(32) The Department of Civil Engineering has a B 5500 computer system on a seven-year lease with the Burroughs Corporation as authorized by the Board of Trustees on March 14, 1967 (Item 17). Special procedures (programs) have been developed and are used in conjunction with this system to provide data as part of a research project originally sponsored by the State Technical Services Act.

The project provides to the building industry throughout the state of Illinois the data processing and decision-making tools, such as planning and scheduling, estimating, and payroll, and accounting, through the use of a computer center and remote terminals. The computer system also serves to enhance the resources of the Department of Civil Engineering for the education of students in this field.

The Burroughs Corporation has proposed a change order to the existing Agreement for Equipment Lease and Maintenance (lease agreement) which would permit the University to acquire title to the equipment at a total net cost of \$818,594 with payments spread over a seven-year period in accordance with the following schedule:

Fiscal Year 1970.....	\$ 58 470
Fiscal Year 1971.....	116 940
Fiscal Year 1972.....	116 940
Fiscal Year 1973.....	116 940
Fiscal Year 1974.....	116 940
Fiscal Year 1975.....	116 940
Fiscal Year 1976.....	116 940
Fiscal Year 1977.....	58 484
	<hr/>
	\$818 594

In addition, the University will pay \$203,532 in maintenance costs over the seven-year period. The University will have the right to terminate if funds are not available for the annual payment or if the computer is no longer needed for the project.

The net result of this change order will be to effect a total savings of \$917,014 over the seven-year period and at the end of which title to the equipment will be vested in the University.

The overall program for the computer center will be supported jointly by the

University and private industry with payments required by this contract coming from industrial participants.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board authorize the Comptroller and the Secretary of the Board of Trustees to accept the proposal of Burroughs Corporation as outlined above and to execute such contracts, change orders, or other appropriate documents as may be necessary to acquire title to the equipment in accordance with the plan here described.

On motion of Mr. Steger, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page. Mr. Stone requested that he be recorded as not voting.

AGREEMENT FOR TRAINING OF APPRENTICE AND JOURNEYMEN PLUMBERS AND PIPEFITTERS, URBANA

(33) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board authorize the Comptroller and Secretary to execute an agreement with Local No. 149, United Association of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of the United States and Canada, AFL-CIO, the Joint Apprenticeship Committee of the Plumbing and Pipefitting Industry in Champaign County, Illinois, and the Trustees of the Fund for the Training of Apprentice and Journeymen Plumbers and Pipefitters of Central Illinois, to provide on a continuing basis for the training of apprentice and journeymen plumbers and pipefitters employed by the University, and to fund this program by paying to the Trustees of the Fund twelve cents per hour worked by all apprentice and journeymen plumbers or pipefitters employed at the Urbana-Champaign campus. The total cost of this program is estimated to be \$10,000 for the period January 1, 1970, through June 30, 1970.

Funds are available in state appropriations to the University for the Fiscal Year 1969-70.

On motion of Mr. Jones, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

RESOLUTIONS FROM THE URBANA SENATE ON EQUAL OPPORTUNITY IN UNIVERSITY CONSTRUCTION

(34) President Henry called to the attention of the Board the inclusion in the "President's Report on Actions of the Senates" the text of the resolutions from the Urbana Senate with regard to equal opportunity in University construction.

The resolutions, approved by the Urbana Senate on November 10, 1969, are as follows:

"Despite an appreciable concern on the part of the administration, the University has not succeeded in its efforts at Urbana-Champaign to provide adequate employment opportunity for black-citizens in the several crafts engaged with private contractors in University construction projects.

"Therefore be it resolved:

"I. That the University announce in its advertising for bids upon University construction projects (and the University of Illinois Foundation for bids for the construction of the Faculty Center), that contracts will be awarded only to contractors who submit affirmative action programs which are designed to meet goals prescribed by the University, and further that failure to comply with the affirmative action programs will result in prompt suspension of work upon contracts which have been awarded.

"II. That the University establish as soon as possible, but not later than January 1, 1970, the specific goals of minority group employment, to be implemented by the contractors affirmative action proposals, which will secure in the shortest practicable period of time significant inclusion of black craftsmen in each of the several crafts engaged upon University construction projects."

President Henry reviewed the history of the University's effort to work toward equal opportunity in University construction projects. He noted that the institution, as one agency, is limited in its freedom to act in a complex situation and expressed concern that results had not met expectations. He reported that the sentiment of the faculty and student body strongly favored intensified effort and that there was a general sense of frustration shared by all.

The subject now is receiving attention from the Illinois Board of Higher Education and a committee has been established to make recommendations affecting all state construction, including construction at universities. President Henry stated that recommendations concerning procedures are expected to come to the Board of Higher Education in the next month or two and that University representatives would be consulted. In the light of this general state-wide concern, the President expressed the view that the University should not act unilaterally. He recommended that the Board take no action at this time and that the Chancellor at Urbana so advise the Senate of the status of the question at the state level and report to the Senate on the presentation of the question to the Trustees at this meeting.

Mr. Jones stated that the Board of Higher Education should be aware of the University's concern and expressed his own view that the "Philadelphia Plan" (as now articulated at the federal level with respect to federally supported projects) be looked upon as the minimum position to be taken. Following general discussion and at the suggestion of Mr. Stone that a tone of general support of equal opportunity be expressed at this time, Mr. Jones moved that the resolutions of the Urbana Senate and the general subject be referred to the Committee on General Policy.

The motion carried.

ADDITIONAL RESOURCES AVAILABLE IN SUPPORT OF EQUAL OPPORTUNITY PROGRAMS

Mr. Jones suggested that consideration be given to the allocation of funds and application of priorities in support of equal opportunity programs. He expressed specific interest in the expansion of student aid, including tuition waivers, to permit the admission and support of additional disadvantaged students in the College of Law. He emphasized this field in view of its potential leadership and in view of the fact that the University of Illinois at Urbana maintains the only public-supported school of law in the state. He suggested that additional resources be made available, even if reallocation of existing tuition waivers and other funds would be necessary.

In the general discussion following this proposal, the President of the University indicated the difficulties inherent in withdrawing funds from other colleges in support of a single college. Mr. Stone suggested that a logical resource would be the private community, particularly the business community, indicating that he would be willing to work on a committee to seek support in that direction. It was pointed out that the Board's pattern of granting tuition waivers could be changed but that the granting of waivers would meet but a portion of the total costs of attending the College of Law. Mr. Stone expressed the view that the University's limited funds made it undesirable to withdraw funds from one college to help another; rather that the question was one of securing additional funds from other sources. He offered to be of personal assistance in providing (and in seeking the support of others to obtain) the funds needed.

COMMUNICATIONS

The Chairman presented two requests to appear before the Board as follows:

1. A request from the Undergraduate Student Association that when the subject of increased charges for University housing at Urbana comes before the Board, representatives of the UGSA be permitted to appear and speak to it.

On motion of Mr. Steger, the Board approved granting such an appearance when the subject is on the agenda.

2. Letter from the Students for Environmental Controls requesting Trustee endorsement and further support on a national teach-in at Urbana next April 22.

In considering the request, the Trustees expressed interest in receiving more specific information about the plans prior to determining the desirability of the appearance requested.

On motion of Mr. Grimes, the Secretary was directed to request such information of the organization and to suggest that the subject be discussed with the Chancellor for further recommendation.

SECRETARY'S REPORT

The Secretary presented for the record the following lists: appointments to the faculty made by the President; cancellation, declination, and resignations; leaves of absence; cancellations of leaves of absence; retirements. A copy of the report is filed with the Secretary.

ANNUAL MEETING OF THE BOARD

On motion of Mr. Grimes, the Board voted to change the date of the annual meeting from the second Tuesday, March 10, to the third Wednesday, March 18, to be held in Urbana.

RECESS

The regular meeting was recessed and Mr. Swain stated that an executive session had been requested and was being ordered to consider recommendations relating to patentable inventions and property acquisitions.

EXECUTIVE SESSION

When the Board reconvened, the same members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes, with the exception of Mr. Jones who asked to be excused.

Inasmuch as a quorum of the Board was not present, the Executive Committee was convened to consider recommendations relating to patentable inventions and property acquisitions. A report of these actions will be submitted for approval by the Board in January, 1970.

On motion of Mr. Steger, the Board adjourned.

EARL W. PORTER
Secretary

TIMOTHY W. SWAIN
President Pro Tem