

**ANNUAL MEETING OF THE BOARD OF TRUSTEES**  
**OF THE**  
**UNIVERSITY OF ILLINOIS**

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**March 18, 1970**



The annual meeting of The Board of Trustees of the University of Illinois was held at Allerton House in Robert Allerton Park, five miles southwest of Monticello, Illinois, on Wednesday, March 18, 1970, beginning at 9:00 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. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Theodore A. Jones, Mr. Ray Page, Mr. Russell W. Steger, Mr. Timothy W. Swain. Governor Richard B. Ogilvie and Mr. W. Clement Stone were absent.

Also present were President David D. Henry; Executive Vice President and Provost Lyle H. Lanier; Chancellor J. W. Peltason, Urbana-Champaign campus; Chancellor Joseph S. Begando, Medical Center campus; Chancellor Norman A. Parker, Chicago Circle campus; 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; and the officers of the Board, Mr. H. O. Farber, Comptroller; Dr. Earl W. Porter, Secretary.

**REPORT OF EXECUTIVE COMMITTEE MEETING**

On motion of Mr. Grimes, the Board ratified, approved, and confirmed the actions of the Executive Committee as reported in the February 18, 1970, minutes (see pages 773-833).

**ELECTION OF TEMPORARY CHAIRMAN**

The Board took up the special order of business for the annual meeting. Mr. Hughes asked for the election of a temporary chairman.

Mr. Grimes nominated Mr. Swain; Mr. Swain was unanimously elected and took the chair.

**ELECTION OF OFFICERS****President of the Board**

Mr. Swain called for nominations for the office of President of the Board of Trustees.

Mr. Grimes nominated Mr. Earl M. Hughes.

On motion of Mr. Jones, the nominations were closed and the Secretary was instructed to cast a unanimous ballot of the Board for the election of Mr. Hughes as President.

The ballot was so cast, and Mr. Hughes was declared elected President of the Board, to serve until the next annual meeting of the Board in March, 1971, or until his successor shall have been elected. Mr. Hughes took the chair and expressed appreciation for the confidence of the Board in electing him for another term. He stated that the appointments to the standing committees would be announced at the April meeting.

**Secretary of the Board**

Mr. Swain nominated Mr. Earl W. Porter.

On motion of Mr. Grimes, the nominations were closed, a unanimous ballot was cast, and Mr. Porter was declared elected Secretary of the Board, to serve until the next annual meeting of the Board in March, 1971, or until his successor shall have been elected.

**Comptroller of the Board**

Mr. Swain nominated Mr. H. O. Farber.

On motion of Mr. Jones, the nominations were closed, and the Secretary was instructed to cast a unanimous ballot of the Board for the election of Mr. Farber as Comptroller. The ballot was so cast and Mr. Farber was declared elected Comptroller, to serve until the next annual meeting of the Board in March, 1971, or until his successor shall have been elected.

**Executive Committee**

Mr. Grimes nominated Mr. Clement and Mr. Swain to serve as members of the Executive Committee, with the President of the Board as Chairman.

On motion of Mr. Jones, the nominations were closed, and the Secretary was instructed to record the unanimous ballot of the Board for the election of Mr. Clement and Mr. Swain to the Executive Committee. The ballot was so cast and Mr. Clement and Mr. Swain were declared elected members of the Executive Committee, to serve until the next annual meeting of the Board in March, 1971, or until their successors shall have been elected.

### DELEGATION OF SIGNATURES

Mr. Swain offered the following resolution.

*Resolved*, that the President and the Secretary of The Board of Trustees of the University of Illinois are authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the Auditor of Public Accounts, and to warrants drawn on the Treasurer of the University, under the following conditions:

The President of the Board of Trustees is authorized to delegate to C. O. Parvin, R. N. Parker, R. H. Suter, in Urbana, to James E. Osborn, David W. Bonham, Walter E. Cowart, R. E. Porter, H. O. Albers, A. W. Catrambone, in Chicago, and to C. H. Moody, Helen Culbertson, in Springfield, authority to sign his name as President of the Board of Trustees to vouchers against the Auditor of Public Accounts; and to C. C. DeLong, R. W. Zimmer, W. M. Griffith, S. E. Read, in Urbana, and to James E. Osborn, David W. Bonham, Walter E. Cowart, R. E. Porter, H. O. Albers, L. Rea Jones, in Chicago, authority to sign his name to warrants on the University Treasurer covering vouchers approved in accordance with regulations approved by the Board.

The Secretary of the Board of Trustees is authorized to delegate to R. C. Wicklund, George H. Bargh, Virginia J. Hendrix, in Urbana, and to Anthony J. Diekema, Velma M. Davis, Margaret Clancy, H. W. Bailey, Alfred P. Maurice, Joseph S. Carlson, in Chicago, authority to sign his name as Secretary of the Board of Trustees to vouchers against the Auditor of Public Accounts and to warrants on the University Treasurer.

This resolution was unanimously adopted.

### SPECIAL ANNOUNCEMENT — PRESIDENT OF THE UNIVERSITY

Mr. Hughes indicated that President Henry wished to make a special announcement, and the President asked the Secretary to read a letter he had prepared and was submitting to the Trustees at this annual meeting. The text of the letter is as follows:

#### TO THE MEMBERS OF THE BOARD OF TRUSTEES:

At this annual meeting of the Board of Trustees, I believe it is timely for me to announce my intention to retire from the presidency of the University at the close of the academic year in which I shall have reached age sixty-five, September 1, 1971.

Although mandatory retirement would not apply until September 1, 1974, I believe that I should change to a less demanding work schedule. By the date indicated I shall have been active in the Presidency of the University of Illinois longer than any other person (sixteen years) and I shall have completed a tenure of thirty-two years in high-level administrative responsibilities at three major institutions.

Apart from these personal considerations, I believe that a change in the presidency will bring new outlooks, energies, and approaches to meeting the requirements for leadership in the period immediately ahead. Plans for the University in the next decade are in the process of formulation. Obviously, there will be new tasks, new problems, new relationships, and new opportunities. Happily, the University is in a position of unusual strength to enlarge its role as one of the great universities of the world, and I believe that new leadership should be called upon for the new tasks and challenges.

I hope that my making this announcement at this time will be of assistance to the Trustees by providing an interval of sufficient time in which to select a successor and to make an orderly transition in administration.

I am grateful for the honor and the professional opportunity which the Trustees have vested in me as President, as well as for their confidence and support through the years. I shall do all in my power to make the remainder of my tenure productive and effective.

c. Mr. Earl W. Porter, Secretary  
of the University

Sincerely,  
DAVID D. HENRY  
President

### Statement by the President of the Board

I am sure that each of us has reactions to what we have heard that are difficult for us to express. Certainly, I share that feeling. It is true that this announcement is not a surprise to the members of the Board. Last September, President Henry advised us of his decision. It was of course our hope that we might be able to persuade him to change his mind. We were not successful and accordingly the decision was made that the announcement should come at the annual meeting of this Board.

President Henry has spoken for himself and in terms we must respect—as we so deeply respect the man. We can take some small comfort in the knowledge that we shall have the satisfaction of continued association with him as our president for another year. During that period we shall have many occasions to express our profound appreciation for what he has done for this University. Therefore, Dr. Henry, I hope you will understand that our comments today (and I hope each Trustee will take a moment to express himself)—our comments today are merely introductory to what we shall try to say more eloquently later.

Perhaps now it would be appropriate for my colleagues to speak for themselves.

### Remarks by the Trustees

"I have a very simple statement to make. Working with Dr. Henry over the past eleven years has been one of the greatest experiences of my life. I think it will be extremely difficult for us to find a successor who can even begin to equal the kind of job he has done for us. I greatly regret that he is not able to fulfill his term up to the point of mandatory retirement, but I can certainly understand and respect his desire to retire at an earlier date."—Mr. Howard W. Clement

"My association with Dr. Henry has been very much a highlight of my own life. President Henry has done much to develop the University of Illinois into one of the greatest universities in the country. His ability to get the job done, his ability to persuade people and the ability to do the right thing has caught my attention throughout this experience. I regret that he is leaving but we have had this knowledge for the six months from September to March, and accordingly it does not come as a shock to us this morning."—Mr. Donald R. Grimes

"A few things come to my mind—one thing of course is that the University of Illinois is one of the ten great universities in this country and probably one of the ten great universities in the world. This obviously is due largely to the leadership that it has had in you as President.

"Seeing you put together the various points of view of the many contingencies of the University and working with the Chancellors, Administrative Officers, Faculty and others has been a source of inspiration. I hope that we as Trustees have received some inspiration from the courage and wisdom and tact you have displayed.

"In general, the thing I've admired the most is your ability to keep cool in the most trying of circumstances and in the most emotional of discussions. I think that if we as Trustees can develop this ability to keep cool and not get emotional while controversial issues are considered and discussed—if we can just do this, then I think we have really learned a lot from you."—Mr. Ralph C. Hahn

"Certainly for the six years that I have worked with Dr. Henry as a member of this Board I have found the association stimulating and indeed rewarding. I have great admiration for his administrative skills, for his skill as an educator, his astute leadership and for his patience. As I look back upon the changes which have come about in the University, changes in Board policy, changes in educational policy, from the special area of my concern, the disadvantaged, as well as the whole state of the University, I have seen how you have applied your outstanding personal resources to implement these changes in policy and to bring about the concrete results we sought in a non-abrasive way and therefore with results far more effective in their impact than would otherwise be the case.

"In large measure, we may attribute our success in expanding educational opportunity at the University of Illinois for black students, to your dedication and skill in dealing with the many difficult and complex forces which confronted this basic objective. It was not enough that we changed policy at the level of the Board of Trustees. We needed an able administrator to transform policy into effective program. You did the job and all shall ever be as grateful as I."—Mr. Theodore A. Jones

"Dr. Henry's influence on higher education has extended throughout the United States and we in Illinois have profited much from his dedicated efforts. During the years of Dr. Henry's Presidency, the University of Illinois has achieved much credit and prestige." — Mr. Ray Page

"As the newest member of the Board, and with regard to some discussions I have had with Dr. Henry, it is very difficult to capsule some of the feelings I have had, but I have now learned a little bit about the complexities of the University, and have had the privilege of being involved in major corporations. When you consider the tremendous number of people that are affected by his direct leadership, I can think of no operation in this world that is more complex and has more crises than the University situation.

"I am sometimes emotional about a lot of the facets, and one thing that has impressed me about Dr. Henry, if I were to say it briefly, is that he is a statesman among academic people. He has a great faculty for recognizing business concepts, legislative orientation, and representing that group. When I think of the day that he stood up and defended our athletic program so justly, and so properly, Dave Henry is a stand-up guy in my opinion. I give him my felicitations on a great job." — Mr. Russell W. Steger

"I well recall when I first came on the Board fifteen years ago, shortly before you became President. I think we have to say that the greatest strides of the University of Illinois have come in Dr. Henry's administration; more has been accomplished in the past fifteen years than, I think, in all the rest of the history of the University. Take the building program, take our education program, take our research program . . . You'll find that more has been accomplished the last fifteen years than at any other time. President Henry has a very good understanding of the legislature, the faculty, the students, and for the most part has been able to harmonize those view points very well. We don't want to forget that this University is one of the outstanding universities of the world. Dr. Henry, I've introduced you on more than one occasion as the outstanding university president in the United States and that is the way I would introduce you today." — Mr. Timothy W. Swain

#### PROCEDURES — SELECTION OF A PRESIDENT OF THE UNIVERSITY

Mr. Hughes stated that the Trustees had been aware of the need to anticipate the task now before them, that of seeking from among the academic leadership of the nation a worthy successor to President Henry. He noted that they had sought the advice of University officers and others and had considered informally among themselves the best procedures for implementing their responsibility. He announced that, at the request of the Trustees, the Secretary had prepared a document that will serve as an initial procedural guide.

The Secretary then presented the following statement:

By state statute, the Board of Trustees is directed to "elect a regent (president) who shall be charged with the general supervision of the educational facilities and interest of the university. Said regent shall be known as President of the University and his term of office shall be at the pleasure of the Board of Trustees." This is perhaps the most important single action expected of the governing body of the University.

In fulfilling this responsibility, the Trustees will wish to have advice from the constituent elements of the University. Accordingly, a *Consultative Committee to Assist in the Selection of a President* is hereby established as follows:

1. Six faculty members, two from each campus (one drawn from the membership of the Senate, one from the junior academic ranks) — to be selected by the respective senates.
2. Three students, one from each campus — to be selected by students in such manner as each chancellor may recommend.
3. One faculty member-at-large, who shall serve as chairman of the committee, and who shall be selected by the University Senates Conference.<sup>1</sup>

<sup>1</sup> The Committee will select its own secretary from its membership.

4. Three members of the nonacademic staff, one from each campus — to be selected by the University Nonacademic Employees Advisory Committee.
5. Four administrative officers of the University, one from each campus and one from the general administration. The campus officers would be selected by the deans at each campus in such manner as the chancellor may recommend. The general officer would be selected by the general officers.
6. Three others, representing alumni and other citizens: the President of the Alumni Association, the President of the University of Illinois Foundation, and a member-at-large from the University of Illinois Citizens Committee, selected by the Board of Trustees.

It is expected that the Consultative Committee will provide advice as to the general qualities expected of a president as well as suggestions concerning specific candidates. In all likelihood, the Committee will be asked to supply a panel of names of acceptable candidates or to react to suggestions received by the Board from other sources. It is the Trustees' intent that the Committee will be an important element in the selection process. The Board recognizes, however, that it can not delegate its statutory obligation, that it must make the final decision, and it is prepared to exercise that authority.

The constituencies identified above will be asked to make their selections of Committee members as soon as possible. In order to formally name and charge the Committee at the April, 1970, meeting of the Board of Trustees, the University Senates Conference is asked to meet in executive session with the Trustees before the April meeting to discuss the role of the Committee and its mode of operation.

The Board also designates the Secretary of the Board as its agent in the procedural and liaison tasks involved in the selection of a president of the University. The Secretary of the Board is directed to prepare an estimate of anticipated expenses to be incurred by the Board and the Committee and to present a request for a special appropriation at the April meeting.

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

#### MEETING RECESSED

On motion of Mr. Swain, the Board recessed for five minutes for a press conference.

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

#### BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of 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.

#### OAKLEY DAM

At the President's request, Mr. Farber presented Mr. Walter Keith, Director of Robert Allerton Park, who presented the following remarks:

Since the last meeting of the Board of Trustees on February 18, 1970, which preceded the receipt of the Modified Project by the State of Illinois, Division of Waterways, the Director of Robert Allerton Park has worked closely with Harza Engineering Company, the Division of Waterways, the Chicago District Corps of Engineers, and Dr. S. Charles Kendeigh, Chairman, Natural Areas Committee at the University of Illinois.

It is anticipated that a final report with recommendations to the Board of Trustees will be available by the April 15 Board of Trustees meeting.

The Director issued an invitation to join a conducted tour of the portions of Allerton Park that might be affected by the Modified Project.

#### APPEARANCE OF MR. KUNSTLER AT URBANA

This matter had been the subject of a special meeting of the Board of Trustees on March 2 at which time the Board approved by a vote of six to three the following motion by Mr. Timothy W. Swain:

On the basis of recent past experiences at other campus communities surrounding Mr. William Kunstler's appearance, and in view of present circumstances at the Urbana campus, I move the Board find that a clear and present danger exists and request the administration to defer the appearance of Mr. Kunstler scheduled at the Urbana campus on March 3 as essential for campus security.

In introducing the matter again, Mr. Hughes made the following statement:

The University of Illinois is a state university. Its academic and nonacademic staff as well as the administration are state employees. This University does not belong to the faculty, to the students, or to the administration. It belongs to the people of the State of Illinois. Its Board of Trustees is the elected representative of the people and is charged with over-all responsibility for its operation. Title to the property is held in the name of the Board of Trustees. The enabling legislation creating the University over one hundred years ago delegated to the Board of Trustees these broad powers, authority, and responsibility. We as a board can not and will not dodge this responsibility.

As President of the Board, I have been in close (almost daily) contact with the administration and have taken such actions as I thought were necessary to carry out the responsibility of office as a representative of the citizens and taxpayers of Illinois and in the best interest of the University.

Violent disturbances and confrontations must and will be prevented if we are to avoid further damage to the public image and support of this great and distinguished educational institution.

Mr. Hughes stated that he had had informal conversations with individual Trustees on this matter and that he understood Mr. Grimes was prepared to offer a motion.

On motion of Mr. Grimes and after general discussion, the following action was approved. The vote was: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Steger; no, Mr. Page, Mr. Swain; absent, Governor Ogilvie, Mr. Stone.

In the interval since March 2 when the Board of Trustees took action concerning the appearance of Mr. William Kunstler at the Urbana campus, the Trustees have followed closely the situation at Urbana and have been kept fully informed by the administration. The Board action on March 2 was based on a judgment that a clear and present danger existed at that time. This no longer appears to be the situation.

The Trustees reaffirm the authority in the possession of the administrative officers, as provided in the existing policy statement concerning campus speakers, and expect that authority to be exercised. This authority specifically recognizes the need to maintain appropriate balance by the presentation of differing points of view; and authorizes the denial of the use of University premises when an administrative determination is made that there is a reasonable probability that violence or serious disruption of the University's functions may result. The full policy statement is as follows:

In selecting speakers, sponsoring organizations should take cognizance that University premises and facilities are dedicated to the special function of education. University premises may not be used for (a) violating or inciting the violation of local, state, or federal law, the policies of the Board of Trustees, or University regulations; or (b) direct commercial sollicita-

tion (except on the prior written approval of the Chancellor or his designee). Authorization to use University space does not imply immunity from sanctions of the law or of the University for failure to observe these limitations.

Each Chancellor is responsible for uses of space at his campus within this framework and is expected to formulate comprehensive recommendations concerning the use of space generally at his campus. On topics of general and continuing interest each Chancellor is urged to maintain appropriate balance by insuring the availability, within the University community, of presentation of differing points of view. It is clear the Chancellor is expected to deny the use of University premises and facilities for any meeting when he determines there is reasonable probability that violence or serious disruption of the University's functions will result.<sup>1</sup>

Accordingly, the Board of Trustees herewith terminates the deferral of Mr. Kunstler's appearance at Urbana and requests the administration to proceed in accord with the previously-established policy as stated above.

The Trustees further request the administration to investigate and determine the appropriate means by which responsibility may be defined and assigned to organizations which sponsor speakers in instances where personal injury or property damage occur in connection with such appearances.

President Hughes then recognized spokesmen for two groups which had requested an opportunity to speak to this subject. Both organizations had indicated in written statements their opposition to the action of March 2 and each had been granted permission to appear before the Board under the emergency procedures. The groups and their spokesmen were as follows: Mr. Kent Hull for the Concerned Law Students and Mr. Philip Martin for the Committee of Concerned Alumni. Each expressed satisfaction with the action just taken by the Board.

#### **SUPPLEMENTAL ACTION BY THE BOARD OF HIGHER EDUCATION ON THE UNIVERSITY'S REQUESTS FOR BUDGET INCREASES IN THE HEALTH FIELDS**

(1) It was reported at the meeting of the Board of Trustees on February 18, 1970, that the Board of Higher Education had agreed to reconsider budget requests in the health fields not approved at its meeting on February 3, 1970. This review was urged by representatives of the Health Education Commission and of private institutions.

Accordingly, the Board of Higher Education did reconsider such requests and voted to recommend them to the Governor and General Assembly—with certain adjustments agreed to by the institutions. As announced on February 3, these requests would be submitted as a set of supplemental budget recommendations for the health fields—not to be considered as part of the higher-education budget falling within the Governor's guidelines.

The supplemental items approved for the University of Illinois totaled \$21,-962,890—of which \$2,021,750 would be for operations and \$19,941,140<sup>2</sup> for capital purposes. A detailed account of these two sets of requests is presented in the report filed with the Secretary.

The President requests authorization to submit these supplemental budget requests to appropriate officers or agencies of state government for funding during the next session of the General Assembly.

On motion of Mr. Grimes, authority was given as requested.

#### **REPORT, SEPARATE FUND TO PROVIDE FINANCIAL AID, URBANA**

(2) On February 18, the Board approved in principle the creation of a separate fund to be developed from an assessment of \$2.00 per student per semester, for

<sup>1</sup> Memorandum to the Chancellors from President David D. Henry, October 2, 1968.

<sup>2</sup> Capital projects include Illinois Building Authority authorizations for the Library of Medical Sciences at the Medical Center campus (\$8,308,730) and the Medical Sciences Building at the Urbana-Champaign campus (\$7,152,323), plus appropriations of \$4,480,087 from the General Revenue Fund.

the purpose of providing financial aid funds for needy students. The proposal was based on a referendum conducted by the students at Urbana, in which the students agreed to assess themselves in the amount indicated, and provided for the refunding of the assessment to those students who desired it. An implication of the referendum was the principle of having the assessment matched by the General Assembly.

Accordingly, in approving the creation of the separate fund in February, the Trustees also approved the immediate submission to the State Board of Higher Education of a request for a supplement budget increase of approximately \$75,000 to match the funds anticipated through the assessment.

The University request was considered at the March 3 meeting of the Board of Higher Education. The action of that Board was as follows: "To receive this report from the University of Illinois and direct the staff to develop in conjunction with the staff of the Illinois Scholarship Commission a statewide policy on this type of question and report back its recommendations to the Board at the April 7, 1970, meeting."

It appears that the development of a specific plan for implementation, and formal action upon it by the Board of Trustees, should now await the forthcoming action of the Board of Higher Education in April. The Administrative Officers will have a further report or recommendations at the April meeting of the Board of Trustees.

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

#### **CONSTITUTIONAL LANGUAGE RELATED TO HIGHER EDUCATION**

(3) The subject of constitutional language related to higher education is now before the Education Committee of the Illinois Constitutional Convention.

Among the recommendations made to the Committee has been a report developed by a committee advisory to the Illinois Board of Higher Education and on which the several systems of higher education, including the University of Illinois, are represented.<sup>1</sup> The committee report was adopted by the Board of Higher Education on March 3, 1970. (The full text of the report is filed with the Secretary of the Board.)

In brief, the report recommends that minimal language be included in the new Constitution, to provide that:

The General Assembly shall establish and support such public institutions of higher education as may be desirable.

It is my view, and that of the other officers of the University, that this general statement is sufficient for constitutional purposes and that further references to higher education should, as a matter of public policy, be left to the General Assembly. From consultations with individual Trustees I understand that this is their view as well. Accordingly, the President and other University officers have presented this position to various bodies considering the subject: the Illinois Joint Council on Higher Education, the Advisory Committee to the Board of Higher Education, hearings of the Education Committee, and regional hearings of the Constitutional Convention.

It is timely that the Board of Trustees now take official action to record the University's position on this subject. Therefore, I recommend that the Trustees endorse the report adopted by the Board of Higher Education with respect to constitutional language on higher education.

On motion of Mr. Swain, this recommendation was approved. Mr. Page asked to be recorded as not voting.

#### **BUDGET FOR 1970 SUMMER QUARTER AND FACULTY APPOINTMENTS, MEDICAL CENTER CAMPUS**

(4) Submitted herewith are the budget and appointments to the faculty for the 1970 summer quarter at the Medical Center campus from June 22 through September 5, 1970.

The total budget is for salaries in the amount of \$23,755.

The projected enrollment for the summer of 1970 is 1,207, an increase of 108 over the 1969 summer quarter.

<sup>1</sup> The University representative to the committee is Vice President Eldon Johnson.

The salaries recommended are computed on the basis of one-third of the salary of the academic year for a full quarter of service, with proportionate amounts for shorter periods or for part-time service.

I recommend that these appointments to the summer quarter staff at the Medical Center be approved as submitted, and that the President of the University be authorized to accept resignations and make such changes and adjustments and additional appointments as are necessary in accordance with the needs of the University within the allocations of funds indicated.

On motion of Mr. Jones, these appointments in the summer session budget for the Medical Center were approved and authority was given as requested. This action was taken by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Steger, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Stone.

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
<b>College of Nursing</b>		
1. Carol R. Bentz, Assistant Professor.....	100	\$ 3 500
2. 0.6 FTE Assistant.....	100	1 540 (5 040)
<b>College of Pharmacy</b>		
<b>Department of Pharmaceutical Chemistry</b>		
1. Ludwig Bauer, Professor (July 29 through September 5)...	100	\$ 2 667
2. Dominick A. Coviello, Associate Professor (June 22 through July 29).....	100	2 367
3. Alfred J. Perkins, Professor (June 22 through July 18)....	100	1 823
4. 2.0 FTE Assistant.....	200	3 600 (10 457)
<b>Department of Pharmacy</b>		
1. Bernard Ecanow, Associate Professor (July 17 through August 11).....	100	\$ 1 656
2. Robert Mrtek, Assistant Professor (August 12 through September 5).....	100	1 445
3. Harold J. Rhodes, Associate Professor (June 22 through July 16).....	100	1 623
4. Frederick Siegel, Associate Professor (June 22 through July 29).....	100	2 634
5. 1.0 FTE Assistant.....	50	900 (8 258)

#### AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(5) 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 Certificate</i>
ADRIAN F. KRUSE	Arlington Heights, Illinois	Wisconsin
MARK FLORIAN POLANIS	New Berlin, Wisconsin	Wisconsin
LEONARD WOOD REARDON	Effingham, Illinois	Kansas
FRANKLIN JOHN SIKICH	Hammond, Indiana	Indiana
DONALD GENE WILSON	South Holland, Illinois	Indiana

I concur.

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

#### APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(6) On recommendation of the Chancellor of the Urbana-Champaign campus, I

submit herewith nominations for appointments to the Board of Directors of the Athletic Association of the University of Illinois, to become effective as of today and to continue until the next annual meeting of The Board of Trustees of the University of Illinois in 1971, or until the successors of these Directors have been appointed.

### Reappointments

#### *From the Faculty*

WILLIAM A. FERGUSON, Associate Professor of Mathematics (He has served on the Board since November, 1967.)

JAMES R. SHIPLEY, Professor and Head of the Department of Art (He has served on the Board since 1969.)

H. S. STILLWELL, Professor and Head of the Department of Aeronautical and Astronautical Engineering (Professor Stillwell is also the University of Illinois Faculty Representative in the Western Intercollegiate Conference, and his appointment as a faculty representative on the Board of Directors of the Athletic Association is an ex officio assignment.)

VERNON K. ZIMMERMAN, Professor of Accountancy, Director of Center for International Education and Research in Accountancy, and Associate Director of International Programs and Studies (He has served on the Board since 1968.)

#### *From the Alumni Association*

RALPH S. JOHNS, Class of 1925, Managing Partner, Haskins and Sells, Certified Public Accountants, Chicago; President of the University of Illinois Alumni Association (Mr. John's appointment on the Board is for the period of his tenure as President of the University of Illinois Alumni Association.)

CLIFFORD L. PETERSON, Class of 1941, Vice President, Deere and Company, Moline (He has served on the Board since 1969.)

### New Appointments

#### *From the Faculty*

ROLLIN G. WRIGHT, Professor and Head of the Department of Physical Education for Men

#### *From the Alumni Association*

WILLIAM T. HOCKING, Class of 1942, President, Fry Consultants, Inc., Chicago

ARTHUR R. WYATT, Class of 1949, Partner, Arthur Andersen & Co. (Certified Public Accounting firm), Chicago

On motion of Mr. Steger, these appointments were approved.

### DIRECTORSHIP OF ADMISSIONS AND RECORDS, CHICAGO CIRCLE

(7) The Chancellor at Chicago Circle has recommended the appointment of William C. Price, presently Dean of Admissions and Registrar and Assistant Professor of Education at the University of Oklahoma, as Director of Admissions and Records, beginning July 1, 1970, on a twelve-month service basis, and Associate Professor of Education on indefinite tenure, at an annual salary of \$27,000.

The appointment will fill the vacancy which was created by the resignation of Director Leslie W. Sandy. The recommendation is made after consultation with the staff of the Office of Admissions and Records, the Deans' Council, the Administrative Council, the Senate Committee on Educational Policy, the University Committee on Admissions, the Committee of Associate and Assistant Deans, and the Neighborhood Relations Council.

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

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

### HEADSHIP OF THE DEPARTMENT OF ENGLISH, CHICAGO CIRCLE

(8) The Dean of the College of Liberal Arts and Sciences has recommended to the Chancellor at Chicago Circle the appointment of Mr. John Curtis Johnson, presently Associate Professor and Acting Head of the Department of English, as Professor of English on indefinite tenure and Head of the Department of English,

beginning March 20, 1970, on an academic-year service basis, at an annual salary of \$20,000.

The nomination of Professor Johnson is supported by the Consultative Committee<sup>1</sup> for the Headship of the Department and by the faculty of the Department of English. The Chancellor, the Vice Chancellor and Dean of Faculties, and the Dean of the Graduate College approve the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

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

#### HEADSHIP OF THE DEPARTMENT OF SOCIOLOGY, URBANA

(9) The Dean of the College of Liberal Arts and Sciences has recommended to the Chancellor at Urbana-Champaign the appointment of Dr. Frederick C. Fliegel, presently Professor of Rural Sociology in Agricultural Economics and in Sociology, as Head of the Department of Sociology beginning September 1, 1970, on an academic year service basis, at an annual salary of \$23,000.

Professor Fliegel will continue to hold the rank of Professor of Rural Sociology in Agricultural Economics and in Sociology on indefinite tenure.

Dr. Fliegel will succeed Professor Rita Simon who has asked to be relieved of the administrative appointment effective September 1, 1970.

The nomination is submitted after consultation with members of the Department with the rank of assistant professor and above and is supported by 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. Jones, this appointment was approved.

#### APPOINTMENTS TO THE FACULTY

(10) 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; F — one-year appointment ending other than August 31; 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. ALMERA PHYLLIS LEWIS, Assistant Professor, Jane Addams Graduate School of Social Work, beginning February 1, 1970 (1) at an annual salary of \$12,000.
2. CYNTHIA ALICE STEINKE, Assistant Science Librarian with rank of Assistant Professor, Library, beginning February 15, 1970 (1Y), at an annual salary of \$11,500.

#### Medical Center

3. CARL COHEN, Director, Center for Genetics, and Professor of Genetics, College of Medicine, beginning September 1, 1970 (AY), at an annual salary of \$31,000.
4. EDWARD B. PAULISSIAN, Clinical Assistant Professor of Surgery, College of Medicine, on 30 per cent time, for the period from November 1, 1969, through May 31, 1970 (G30), at a salary of \$1,867.
5. LESTER F. SOYKA, Associate Professor of Pharmacology, on 77 per cent time,

<sup>1</sup> Louis Marder, Professor of English, *Chairman*; Jay A. Levine, Professor of English; Robert V. Remini, Professor of History and *Chairman* of the Department; Catherine Shaw, Assistant Professor of English.

and of Pediatrics, on 23 per cent time, College of Medicine, beginning April 1, 1970 (AY), at an annual salary of \$25,000.

#### Urbana-Champaign

6. JOHN R. KIMBERLY, Assistant Professor of Sociology, on two-thirds time, for the second semester 1969-70, and in Labor and Industrial Relations, on one-third time, for the second semester and full time during the summer 1970 (1X67; 1X33; 1S), at an annual salary of \$13,750.
7. PATRICIA J. MCLEAN, Supervisor of Occupational Therapy and Prosthetics with rank of Assistant Professor, Division of Rehabilitation-Education Services, beginning February 1, 1970 (1Y), at an annual salary of \$14,000.

#### Visiting Staff

8. CHUSHIN AFUSO, Visiting Research Assistant Professor of Computer Science, Graduate College, Urbana, for one year from February 1, 1970 (FY), at a salary of \$13,500.
9. JOHN L. CAREY, Visiting Professor of Accountancy, Urbana, for the second semester 1969-70 (E), at a salary of \$5,000.
10. VACLAV HAVLENA, George A. Miller Visiting Professor of Paleobotany, Department of Botany, Urbana, for the period from February 1, 1971, through June 15, 1971 (E), at a salary of \$7,500.
11. MERRILL D. REDEMER, Visiting Associate Professor of Education, Bureau of Educational Research, Urbana, for the period from February 1, 1970, through August 31, 1970 (DY), at a salary of \$11,200.
12. GEORGE (JERZY) STADNICKI, Visiting Professor of Oral and Maxillofacial Surgery, College of Dentistry, and Visiting Clinical Professor of Surgery, College of Medicine, for the period from April 1, 1970, through August 31, 1970 (DY), at a salary of \$6,458.

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

#### APPOINTMENTS TO THE CENTER FOR ADVANCED STUDY, URBANA

- (11) With the advice of the Dean of the Graduate College, the Chancellor at Urbana has recommended the following appointments of Associates in the Center for Advanced Study for the academic year 1970-71 and for the program of research or study as indicated in each case.

I concur.

- ADAMS, JACK A., Professor of Psychology, for the first semester, to enlarge and refine his theoretical work on a cybernetic conception of behavior.
- BAILAR, JOHN C., JR., Professor of Chemistry, for the first semester, to continue research and writing on the chemistry of coordination compounds.
- BEBERMAN, MAX, Professor of Secondary and Continuing Education and Director of the Curriculum Laboratory, for one year, to learn and evaluate the new style of teaching in British primary schools.
- BREMS, HANS J., Professor of Economics, for the first semester, to develop a realistic two-sector model of economic growth in a closed system.
- BRUNER, EDWARD M., Professor and Head of the Department of Anthropology, for the academic year, to describe and analyze data gathered in Indonesia for a study of socio-cultural factors in development and urbanization.
- EXLINE, GERALD L., Associate Professor of Architecture, for the academic year, to design typological models of high density environments for cities of the future.
- FEHL, PHILIPP, Professor of Art, for the academic year, to complete a study of the historical content of the works of Paolo Veronese.
- HAY, PETER, Professor of Law, for the second semester, to examine the effect of regional integration and of the law of regional institutions in Europe on judicial, administrative, and arbitration practices.
- KRUEGER, THOMAS A., Associate Professor of History, for the second semester, to complete research and begin writing on an intellectual history of the New Deal.
- LANCASTER, EDWARD E., Assistant Professor of Art, for the academic year, to continue work on a series of paintings depicting the human figure juxtaposed to symbols of the current American social environment.
- LONDON, EDWIN, Professor of Music, for the academic year, to compose a large-scale theatre work fusing elements of traditional music with electronic technology.

- MAPOTHER, DILLON E., Professor of Physics, for the academic year, to concentrate on the development and applications of his AC calorimetric technique.
- MARTIRANO, SALVATORE, Associate Professor of Music, for the academic year, to compose *Lo Disse Dante*, a large work for orchestra.
- PORQUERAS-MAYO, ALBERTO, Professor of Spanish, for the second semester, to conduct research on the most important Spanish poetics published in Spain during the sixteenth and seventeenth centuries.
- TEMPERLEY, NICHOLAS M., Associate Professor of Music, for the academic year, to continue work on the music of the English parish church between 1660 and 1900, particularly the eighteenth-century parochial anthem.
- WOESE, CARL R., Professor of Microbiology, for one semester, to continue his research in the area of cellular evolution.
- YANKWICH, PETER E., Professor of Physical Chemistry, for the academic year, to extend and apply methods developed for *ab initio* calculation of absolute reaction rates and of the related effects of atomic mass on reaction rates.
- ZGUSTA, LADISLAV, Visiting Associate, for the academic year, to contribute to research and teaching in lexicography, general and Indo-European linguistics, and classical and South Asian studies.
- ZUIDEMA, REINER T., Associate Professor of Anthropology, for the academic year, to carry out research on the structure of Andean society at the time of the Spanish conquest.

On motion of Mr. Clement, these appointments were approved.

#### UNDERGRADUATE INSTRUCTIONAL AWARDS FOR THE SUMMER OF 1970

(12) The program of Undergraduate Instructional Awards is proposed for continuation during the summer of 1970, to encourage faculty interest in improvement in the quality of undergraduate instruction. The awards, totaling \$87,535 for the Chicago Circle and Urbana-Champaign campuses, would provide a full-time salary for two months (two-ninths of the academic-year salary) plus required incidental expenses.

#### Chicago Circle

The Vice Chancellor and Dean of Faculties, through the deans and directors, invited faculty members to submit applications with complete descriptions of the work proposed. After approval by heads of departments and review by the deans of the colleges and their committees, twenty applications were submitted with priorities indicated. A special committee, chaired by the Assistant Dean of Faculties, evaluated the proposals and recommended to the Vice Chancellor and Dean of Faculties that those programs which were judged to hold the most promise of benefit to undergraduate instruction be supported.

After review of the proposals, the Vice Chancellor and Dean of Faculties recommends, with the concurrence of the Chancellor, that full-time appointments for two months during the summer of 1970, at current salary rates, be authorized for the following faculty members (total of six involving five proposals). Expenses are requested in one case, while in others expenses will be covered by departmental funds.

	Salary	Expenses	Total
Larry Abels, Assistant Professor of Physics.....	\$ 2 778		
Nancy D. Berryman, Associate Professor of Art.....	2 934		
Charles L. Gruder, Assistant Professor of Psychology..	2 400	\$ 500	
Dick W. Simpson, Assistant Professor of Political Science.....	2 223		
Stephen Szepe, Associate Professor of Energy Engineering.....	2 945		
Kenneth L. Uherka, Assistant Professor of Energy Engineering.....	2 600		
<i>Total, Chicago Circle.....</i>	<i>\$15 880</i>	<i>\$ 500</i>	<i>\$16 380</i>

#### Urbana-Champaign

The Vice Chancellor for Academic Affairs invited faculty members to submit applications with complete descriptions of the work proposed. After approval by heads of departments and review by the deans of the colleges and their committees, twenty-six applications were submitted. A special committee evaluated the proposals and recommended support for those which the committee believed to be

most meritorious and to promise the greatest potential benefits to undergraduate instruction.

The Vice Chancellor for Academic Affairs recommends, with the Chancellor's concurrence, that full-time appointments for two months during the summer of 1970 at current salary rates, plus additional expenses in some cases, be authorized for the following twenty-two faculty members for eighteen projects:

	Salary	Expenses	Total
Carleton A. Chapman, Professor of Geology . . . . .	\$ 4 340	\$1 200	
Jozef B. Cohen, Professor of Psychology . . . . .	3 230		
James R. Cooper, Assistant Professor of Finance and Business Administration . . . . .	3 070		
C. Benjamin Cox, Professor of Secondary and Continuing Education (50 per cent) . . . . .	1 565	2 870	
Roland Payette, Assistant Professor of Secondary and Continuing Education . . . . .	2 500		
Rasio Dunatov, Assistant Professor of Russian and Linguistics . . . . .	2 560		
Robert N. Fisher, Assistant Professor of Art . . . . .	2 270	750	
Edward J. Zagorski, Professor of Art . . . . .	3 960		
Peter Franklin-White, Visiting Lecturer in Theatre . . . . .	2 450	400	
James R. Hurt, Assistant Professor of English . . . . .	2 360		
Herbert Kellman, Associate Professor of Music . . . . .	2 640	600	
Morgan E. Powell, Assistant Professor of Music . . . . .	2 450		
Kurt Klein, Associate Professor of Russian . . . . .	2 960		
William L. MacDonald, Instructor in Asian Studies . . . . .	2 120	500	
James C. McKeown, Assistant Professor of Accountancy . . . . .	2 980		
Gera A. Millar, Instructor in Slavic Languages and Literature . . . . .	2 070		
Peter B. Shoresman, Associate Professor of Science Education in Elementary Education . . . . .	2 820	860	
Robert J. Smith, Professor of Architecture . . . . .	5 030		
Stanley G. Smith, Associate Professor of Chemistry . . . . .	3 120	720	
John C. Stubbs, Assistant Professor of English . . . . .	2 270	750	
John P. Frayne, Assistant Professor of English . . . . .	2 270		
William F. Van Tassel, Assistant Professor of Aeronautical and Astronautical Engineering . . . . .	2 670	800	
<i>Total, Urbana-Champaign</i> . . . . .	\$61 705	\$9 450	\$71 155

The Executive Vice President and Provost endorses these recommendations and further recommends that funds for these awards and associated expenses be assigned from the General Reserve at the respective campuses.

I concur.

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

#### SABBATICAL LEAVES OF ABSENCE, 1970-71

(13) The Chancellors at each campus have recommended that the following members of the faculty be given sabbatical leaves of absence in accordance with the provisions of the University of Illinois *Statutes* and on the terms and for the periods indicated.

The programs of research, study, and travel for which leaves are requested have been examined by the Research Boards at the three campuses, and the Executive Vice President and Provost has reviewed the applications for the leaves and recommends approval.

I concur.

#### Chicago Circle

##### College of Architecture and Art

##### Department of Art

JERALD JACKARD, Assistant Professor of Art, fall quarter 1970-71, full pay.

LAWRENCE SALOMON, Assistant Professor of Art, fall and winter quarters 1970-71, one-half pay.

TADAO TAKANO, Associate Professor of Art, fall quarter 1970-71, full pay.

*Department of History of Architecture and Art*

JOHN MCNEE, Professor of History of Architecture and Art, academic year 1970-71, one-half pay.

**College of Business Administration**

ALFONSE T. MALINOSKY, Professor of Accounting, winter quarter 1970-71, full pay.  
BERT E. ELWERT, Associate Professor of Economics and Management, winter and spring quarters 1970-71, three-fourths pay.

BERNARD H. BAUM, Professor of Management, spring quarter 1970-71, full pay.

S. GEORGE HUNERYAGER, Professor and Coordinator of Management, winter quarter 1970-71, full pay.

**College of Education**

VICTOR E. RICKS, Professor of Education, six months beginning January 1, 1971, full pay.

**College of Engineering**

*Department of Energy Engineering*

JOSEPH C. F. CHOW, Associate Professor of Energy Engineering, academic year 1970-71, one-half pay; or fall quarter, 1970-71, full pay; or fall and winter quarters 1970-71, three-fourths pay; full-year leave contingent upon receipt of supplementary financial aid.

**College of Liberal Arts and Sciences**

*Department of Anthropology*

CHARLES A. REED, Professor of Anthropology and Acting Head of the Department, fall quarter 1970-71, full pay; leave contingent upon receipt of supplementary financial aid.

*Department of Chemistry*

SAMUEL SCHRAGE, Associate Professor of Chemistry and Associate Director of the University Honors Programs, academic year 1970-71, one-half pay; or fall and winter quarters at three-fourths pay; full-year leave contingent upon receipt of supplementary financial aid.

*Department of English*

PRESTON M. BROWNING, JR., Assistant Professor of English, winter and spring quarters 1970-71, one-half pay.

SARAH COHEN, Assistant Professor of English, fall quarter 1970-71, full pay.

ROBERT W. GLADISH, Assistant Professor of English, fall quarter 1970-71, full pay.

HOWARD H. KERR, Assistant Professor of English, fall quarter 1970-71, full pay.

DAVID S. LENFEST, Assistant Professor of English, fall quarter 1970-71, full pay.

MICHAEL MORRISROE, JR., Assistant Professor of English, winter quarter 1970-71, full pay; leave contingent upon receipt of supplementary financial aid.

ROBERT B. OGLE, Professor of English, winter and spring quarters 1970-71, three-fourths pay.

SONDRA ROSENBERG, Assistant Professor of English, winter quarter 1970-71, full pay.

A. LAVONNE RUOFF, Associate Professor of English, winter and spring quarters 1970-71, one-half pay.

JAMES RUSSELL, Assistant Professor of English, fall quarter 1970-71, full pay.

CATHERINE M. SHAW, Assistant Professor of English, fall quarter 1970-71, full pay.

SAMUEL A. WEISS, Professor of English, winter and spring quarters 1970-71, three-fourths pay.

*Department of French*

CHARLES LOMBARD, Professor of French, spring quarter 1970-71, full pay.

*Department of History*

MARGARET GEORGE, Associate Professor of History, fall quarter 1970-71, full pay.  
GEORGE HUPPERT, Assistant Professor of History, spring quarter 1970-71, full pay.

*Department of Mathematics*

VERENA HUBER DYSON, Assistant Professor of Mathematics, fall quarter 1970-71, full pay.

IRWIN K. FEINSTEIN, Professor of Mathematics, fall quarter 1970-71, full pay; leave contingent upon receipt of supplementary financial aid. (Leave subsequently cancelled without prejudice.)

DAVID A. FOULSER, Associate Professor of Mathematics, spring quarter 1970-71, full pay.

ARTHUR T. PU, Assistant Professor of Mathematics, fall and winter quarters 1970-71, one-half pay.

LENA CHANG PU, Assistant Professor of Mathematics, second semester 1970-71, full pay.

*Department of Philosophy*

BRIAN SKYRMS, Associate Professor of Philosophy, fall quarter 1970-71, one-half pay.

W. W. TAIT, Professor of Philosophy, spring quarter 1970-71, full pay.

*Department of Physics*

SEYMOUR BERNSTEIN, Professor of Physics, winter and spring quarters 1970-71, three-fourths pay.

LESTER WINSBERG, Professor of Physics, academic year 1970-71, one-half pay.

*Department of Political Science*

MILTON RAKOVE, Professor of Political Science, spring quarter 1970-71, full pay.

*Department of Psychology*

JOHN D. DAVIS, Professor of Psychology, winter and spring quarters 1970-71, three-fourths pay.

*Department of Sociology*

GEORGE J. MCCALL, Associate Professor of Sociology, fall and winter quarters 1970-71, three-fourths pay.

*Department of Spanish*

JERRY R. RANK, Assistant Professor of Spanish, spring quarter 1970-71, full pay.

*Department of Speech and Theatre*

JOHN B. HANEY, Professor of Speech and Director of the Office of Instructional Resources, six months beginning July 1, 1970, full pay.

**School of Physical Education**

PETER R. BERRAFATO, Professor of Physical Education for Men, Recreation Director of Chicago Circle Center, Director of Intramural Sports, fall quarter 1970-71, full pay.

**Library**

GILES B. ROBERTSON, Professor of Library Administration and Head of Public Services Division, Library, six months beginning January 1, 1971, full pay.

**Medical Center****College of Dentistry***Department of Oral Anatomy*

LUIS DE LA TORRE, Professor of Oral Anatomy, six months beginning January 4, 1971, full pay.

**College of Medicine***Department of Anatomy*

KAREL FREDERIK LIEM, Associate Professor of Anatomy, one year from September 1, 1970, one-half pay; or six months from January 1, 1971, full pay; full-year leave contingent upon receipt of supplementary financial aid.

*Department of Pharmacology*

RICHARD D. GREEN, Assistant Professor of Pharmacology, six months beginning September 1, 1970, one-half pay.

**Urbana-Champaign****College of Agriculture***Department of Agricultural Economics*

DUANE EDWARD ERICKSON, Associate Professor of Agricultural Economics, one year beginning September 1, 1970, one-half pay; or six months beginning July 1, 1970, full pay; full-year leave contingent upon receipt of supplementary financial aid.

HAROLD G. HALCROW, Professor of Agricultural Economics and Head of the Department, six months beginning January 1, 1971, full pay.

R. A. KELLY, Professor of Agricultural Economics, six months beginning July 1, 1970, full pay.

FRANKLIN JACOB REISS, Professor of Agricultural Economics, six months beginning July 1, 1970, full pay.

*Department of Agricultural Engineering*

CARROLL J. W. DRABLOS, Assistant Professor of Agricultural Engineering, six months beginning March 1, 1971, full pay.

*Department of Agronomy*

THEODORE R. PECK, Associate Professor of Soil Chemistry, Extension Agronomy, six months beginning September 1, 1970, full pay.

JOHNNY W. PENDLETON, Professor of Agronomy, six months beginning September 1, 1970, full pay. (Leave subsequently cancelled without prejudice.)

EDWARD C. A. RUNGE, Associate Professor of Agronomy, six months beginning November 15, 1970, full pay; leave contingent upon receipt of supplementary financial aid.

*Department of Animal Science*

SORAB PIROZSHAH MISTRY, Professor of Biochemistry in Animal Science, one year beginning September 1, 1970, one-half pay.

ANDREW V. NALBANDOV, Professor of Animal Science, first semester 1970-71, full pay.

*Cooperative Extension Service*

RICHARD O. LYON, Associate Professor and State 4-H Leader in Cooperative Extension Service, six months beginning September 1, 1970, full pay.

*Department of Food Science*

FRED AUGUST KUMMEROW, Professor of Food Chemistry, six months beginning October 1, 1970, full pay.

JOSEPH TOBIAS, Professor of Dairy Technology, six months beginning June 1, 1971, full pay; leave contingent upon receipt of supplementary financial aid.

*Department of Forestry*

ROBERT G. RENNELS, Associate Professor of Forestry, six months beginning February 1, 1971, full pay.

*Department of Plant Pathology*

DAVID GOTTLIEB, Professor of Plant Pathology, six months beginning February 1, 1971, full pay.

M. B. LINN, Professor of Plant Pathology, six months beginning August 1, 1970, full pay.

**College of Commerce and Business Administration***Department of Accountancy*

WILLIAM E. THOMAS, Professor of Accountancy, second semester 1970-71, full pay.

*Bureau of Business Management*

IRWIN COCHRUN, Associate Professor of Business Management, and Director of

the Bureau of Business Management, one year beginning September 1, 1970, one-half pay.

*Bureau of Economic and Business Research*

V LEWIS BASSIE, Professor of Economics and Director of the Bureau of Economic and Business Research, one year beginning September 1, 1970, one-half pay; or six months beginning September 1, 1970, full pay.

*Department of Business Administration*

HIROHIDE HINOMOTO, Associate Professor of Business Administration, first semester 1970-71, full pay.

R. D. MILLICAN, Associate Professor of Business Administration, first semester 1970-71, full pay.

*Department of Economics*

HUGH O. NOURSE, Professor of Economics, first semester 1970-71, full pay.

JULIAN L. SIMON, Professor of Economics and Business Administration, academic year 1970-71, one-half pay; or first semester 1970-71, full pay.

PAUL WELLS, Professor of Economics, second semester 1970-71, full pay.

*Department of Finance*

ROBERT W. MAYER, Professor of Finance, second semester 1970-71, full pay.

**College of Communications**

*Department of Journalism*

GENE S. GRAHAM, Associate Professor of Journalism, first semester 1970-71, full pay.

**College of Education**

*Department of Educational Administration and Supervision*

MERLE R. SUMPTION, Professor of Educational Administration and Supervision, first semester 1970-71, full pay.

*Department of Educational Psychology*

RICHARD C. ANDERSON, Professor of Educational Psychology and of Psychology, academic year 1970-71, one-half pay; or second semester 1970-71, full pay; full-year leave contingent upon receipt of supplementary financial aid. (Leave subsequently cancelled without prejudice.)

R. STEWART JONES, Professor of Educational Psychology and Chairman of the Department, second semester 1970-71, full pay.

*Department of Elementary Education*

KENNETH M. LANSING, Professor of Art and of Elementary Education, first semester 1970-71, full pay.

JOHN E. MCGILL, Professor of Elementary Education, first semester 1970-71, full pay.

WILLIAM R. POWELL, Professor of Elementary Education, second semester 1970-71, full pay.

PETER B. SHORESMAN, Associate Professor of Elementary Education, second semester 1970-71, full pay.

*Department of Secondary and Continuing Education*

JACQUETTA HILL BURNETT, Associate Professor of International Education, Department of Secondary and Continuing Education and Bureau of Educational Research, six months beginning September 1, 1970, full pay.

RAYMOND E. WILLIAMS, Associate Professor of Secondary and Continuing Education, and Director of Teacher Education Services, Urbana Council on Teacher Education, six months beginning February 1, 1971, full pay.

**College of Engineering**

*Department of Aeronautical and Astronautical Engineering*

HENRY SHELDON STILLWELL, Professor of Aeronautical and Astronautical Engineering and Head of the Department, second semester 1970-71, full pay.

*Department of Ceramic Engineering*

ALFRED W. ALLEN, Professor of Ceramic and Nuclear Engineering, first semester 1970-71, full pay.

ARTHUR L. FRIEDBERG, Professor of Ceramic Engineering and Head of the Department, second semester 1970-71, full pay.

*Department of Civil Engineering*

ARTHUR B. CHILTON, Professor of Civil and Nuclear Engineering, second semester 1970-71, full pay.

RICHARD IRWIN DICK, Professor of Sanitary Engineering, Department of Civil Engineering, academic year 1970-71, one-half pay.

BEN B. EWING, Professor of Sanitary Engineering, in Civil Engineering, and of Nuclear Engineering, and Director of Water Resources Center, first semester 1970-71, full pay. (Leave subsequently cancelled without prejudice.)

STEVEN J. FENVES, Professor of Civil Engineering, academic year 1970-71, one-half pay.

EDWARD RAYMOND HOLLEY, JR., Associate Professor of Civil Engineering, academic year 1970-71, one-half pay.

*Department of Electrical Engineering*

SIDNEY A. BOWHILL, Professor of Electrical Engineering, first semester 1970-71, full pay.

ROGER W. BURTNES, Associate Professor of Electrical Engineering, first semester 1970-71, full pay.

CHARLES D. HENDRICKS, Professor of Electrical Engineering, first semester 1970-71, full pay. (Leave subsequently cancelled without prejudice.)

HEINZ VON FOERSTER, Professor of Electrical Engineering and Biophysics, first semester 1970-71, full pay.

*Department of Mechanical and Industrial Engineering*

JOHN C. CHATO, Professor of Mechanical Engineering, second semester 1970-71, full pay.

WILLIAM L. HULL, Professor of Mechanical Engineering, second semester 1970-71, full pay.

ROBERT ALLAN WHITE, Associate Professor of Mechanical Engineering, second semester 1970-71, full pay.

*Department of Metallurgy and Mining Engineering*

DAVID S. LIEBERMAN, Professor of Metallurgy and Mining Engineering, second semester 1970-71, full pay; or first semester 1970-71, full pay; leave contingent upon receipt of supplementary financial aid.

*Department of Physics*

PETER AXEL, Professor of Physics, second semester 1970-71, full pay.

PETER G. DEBRUNNER, Associate Professor of Physics, second semester 1970-71, full pay.

ROBERT D. SARD, Professor of Physics, first semester 1970-71, full pay.

CAMERON B. SATTERTHWAITE, Professor of Physics, first semester 1970-71, full pay.

CHARLES P. SLICHTER, Professor of Physics, academic year 1970-71, one-half pay.

H. W. WYLD, Professor of Physics, second semester 1970-71, full pay.

*Department of Theoretical and Applied Mechanics*

WILL J. WORLEY, Professor of Theoretical and Applied Mechanics, second semester 1970-71, full pay.

**College of Fine and Applied Arts***Department of Architecture*

ROBERT LOUIS JAMES AMICO, Assistant Professor of Architecture, second semester 1970-71, two-thirds pay.

VACLAV VASCO CAPOUREK, Associate Professor of Architecture, first semester 1970-71, two-thirds pay.

ROBERT J. SMITH, Professor of Architecture, second semester 1970-71, full pay.  
STEPHEN J. Y. TANG, Professor of Architecture, first semester 1970-71, full pay.

*Department of Art*

CARLETON W. BRIGGS, Professor of Art, first semester 1970-71, full pay.  
GEORGE N. FOSTER, Professor of Art, first semester 1970-71, full pay.  
MARCEL FRANCISCONO, Assistant Professor of Art, second semester 1970-71, full pay.  
LEO GRUCZA, Assistant Professor of Art, first semester 1970-71, full pay.  
EDWARD E. LANCASTER, Assistant Professor of Art, second semester 1970-71, full pay. (Leave subsequently cancelled without prejudice.)  
JOHN W. RAUSHENBERGER, Associate Professor of Art, second semester 1970-71, full pay.  
DENNIS M. ROWAN, Assistant Professor of Art, second semester 1970-71, full pay.  
JAMES R. SHIPLEY, Professor of Art and Head of the Department, second semester 1970-71, full pay.  
MARK ANDERSON SPRAGUE, Professor of Art, second semester 1970-71, full pay.  
ROBERT A. VON NEUMANN, Professor of Art, first semester 1970-71, full pay.

*School of Music*

E. SANFORD BERRY, Professor of Music, second semester 1970-71, full pay.  
HAROLD A. DECKER, Professor of Music, second semester 1970-71, full pay.  
JERALD HAMILTON, Professor of Music, second semester 1970-71, full pay.  
CHARLES E. HAMM, Professor of Music, second semester 1970-71, full pay.  
SALVATORE MARTIRANO, Associate Professor of Music, academic year 1970-71, one-half pay; or first semester 1970-71, full pay; full-year leave contingent upon receipt of supplementary financial aid.  
EVELYN C. REYNOLDS, Assistant Professor of Music, academic year 1970-71, one-half pay.  
PAUL ROLLAND, Professor of Music, second semester 1970-71, full pay.  
DEAN SANDERS, Professor of Music, academic year 1970-71, one-half pay.  
NICHOLAS M. TEMPERLEY, Associate Professor of Music, first semester 1970-71, one-half pay.

*Department of Theatre*

JOSEPH W. SCOTT, Professor of Theatre and of Speech and Director of University Theatre, six months beginning March 1, 1971, full pay.

*Department of Urban Planning*

WILLIAM I. GOODMAN, Professor of Urban Planning and Chairman of the Department, second semester 1970-71, full pay.

*Bureau of Community Planning*

ALBERT Z. GUTTENBERG, Professor of Community and Urban Planning, one year beginning September 1, 1970, one-half pay.

**Institute of Labor and Industrial Relations**

PHILLIPS L. GARMAN, Professor of Labor and Industrial Relations and in Division of University Extension, six months beginning February 1, 1971, full pay; leave contingent upon receipt of supplementary financial aid.

**College of Law**

CHARLES HENRY BOWMAN, Professor of Law, second semester 1970-71, full pay.  
PETER H. HAY, Professor of Law, first semester 1970-71, full pay.  
JEFFREY O'CONNELL, Professor of Law, first semester 1970-71, full pay.  
RALPH REISNER, Professor of Law, second semester 1970-71, full pay.

**College of Liberal Arts and Sciences**

*Department of Anthropology*

DEMITRI B. SHIMKIN, Professor of Anthropology and of Geography, academic year 1970-71, one-half pay.

*Department of Astronomy*

JOHN R. DICKEL, Associate Professor of Astronomy, academic year 1970-71, one-half pay.

GEORGE C. McVITTIE, Professor of Astronomy and Head of the Department, first semester 1970-71, full pay.

*Department of Botany*

RODERICK MACLEOD, Assistant Professor of Botany, first semester 1970-71, full pay.

M. E. REICHMANN, Professor of Botany, one semester 1970-71, full pay.

*Department of Chemistry and Chemical Engineering*

WILLIAM H. PIRKLE, Associate Professor of Chemistry, academic year 1970-71, one-half pay; leave contingent upon receipt of supplementary financial aid. (Leave subsequently canceled without prejudice.)

ROBERT L. SANI, Assistant Professor of Chemistry and Chemical Engineering, academic year 1970-71, one-half pay.

GALEN DEAN STUCKY, Associate Professor of Chemistry and Chemical Engineering, second semester 1970-71, full pay.

GREGORIO WEBER, Professor of Chemistry, first semester 1970-71, full pay.

*Department of English*

JACKSON J. CAMPBELL, Professor of English, second semester 1970-71, full pay.

ROBERT D. GIESELMAN, Assistant Professor of English, academic year 1970-71, one-half pay.

FRANCIS EDWARD HODGINS, Associate Professor of English and Executive Secretary of the Department, academic year 1970-71, one-half pay.

JAMES F. STOTTLAR, Assistant Professor of English, academic year 1970-71, one-half pay.

JOHN CALDWELL STUBBS, Assistant Professor of English, academic year 1970-71, one-half pay. (Leave subsequently canceled without prejudice.)

*Department of Entomology*

STANLEY FRIEDMAN, Professor of Entomology, academic year 1970-71, one-half pay; leave contingent upon receipt of supplementary financial aid. (Leave subsequently canceled without prejudice.)

GILBERT P. WALDBAUER, Associate Professor of Entomology, second semester 1970-71, full pay.

*Department of French*

HERBERT DE LEY, Associate Professor of French, second semester 1970-71, one-half pay.

FRED M. JENKINS, Associate Professor of French and Linguistics, academic year 1970-71, one-half pay.

GUY LUCIEN LAPREVOTTE, Assistant Professor of French, academic year 1970-71, one-half pay.

NOELLE C. LAPREVOTTE, Assistant Professor of French, academic year 1970-71, one-half pay.

LARKIN BURL PRICE, Assistant Professor of French, academic year 1970-71, one-half pay.

*Department of Geography*

JOHN H. GARLAND, Professor of Geography, second semester 1970-71, full pay.

*Department of Geology*

ALBERT V. CAROZZI, Professor of Geology, second semester 1970-71, full pay.

CARLETON A. CHAPMAN, Professor of Geology, second semester 1970-71, full pay.

W. HILTON JOHNSON, Associate Professor of Geology and Assistant to the Head of the Department, academic year 1970-71, one-half pay.

*Department of History*

WILBUR APFLEBAUM, Assistant Professor of History, second semester 1970-71, two-thirds pay; leave contingent upon receipt of supplementary financial aid.

BENNETT D. HILL, Associate Professor of History, academic year 1970-71, one-half pay; or second semester 1970-71, full pay; full-year leave contingent upon receipt of supplementary financial aid.

THOMAS A. KRUEGER, Associate Professor of History, first semester 1970-71, two-thirds pay.

ROBERT M. MCCOLLEY, Associate Professor of History, first semester 1970-71, one-half pay; leave contingent upon receipt of supplementary financial aid. (Leave subsequently canceled without prejudice.)

CLARK C. SPENCE, Professor of History and Chairman of the Department, academic year 1970-71, one-half pay.

ROBERT M. SUTTON, Professor of History and Director of the Illinois Historical Survey, first semester 1970-71, full pay.

#### *Department of Mathematics*

ROBERT B. ASH, Associate Professor of Mathematics, academic year 1970-71, one-half pay.

PAUL T. BATEMAN, Professor of Mathematics and Head of the Department, second semester 1970-71, full pay.

IRA DAVID BERG, Associate Professor of Mathematics, first semester 1970-71, full pay.

STEWART SCOTT CAIRNS, Professor of Mathematics, second semester 1970-71, full pay.

MAHLON M. DAY, Professor of Mathematics, first semester 1970-71, full pay.

JOHN W. GRAY, Professor of Mathematics, first semester 1970-71, full pay.

SHISHIRKUMAR S. JOGDEO, Associate Professor of Mathematics, first semester 1970-71, one-half pay.

LEON R. MCCULLOH, Associate Professor of Mathematics, academic year 1970-71, one-half pay.

ERNEST TILDEN PARKER, Professor of Mathematics, first semester 1970-71, full pay.

R. RANGA RAO, Associate Professor of Mathematics, first semester 1970-71, full pay.

JOSEPH ROTMAN, Professor of Mathematics, first semester 1970-71, two-thirds pay. MICHIO SUZUKI, Professor of Mathematics, first semester 1970-71, full pay; leave contingent upon receipt of supplementary financial aid.

HERBERT E. VAUGHAN, Professor of Mathematics, second semester 1970-71, full pay. (Leave subsequently cancelled without prejudice.)

PAUL M. WEICHSEL, Associate Professor of Mathematics, first semester 1970-71, two-thirds pay.

#### *Department of Microbiology*

PAUL S. SYPHERD, Associate Professor of Microbiology, academic year 1970-71, one-half pay; leave contingent upon receipt of supplementary financial aid.

#### *Department of Philosophy*

DAVID S. SHWAYDER, Professor of Philosophy and Chairman of the Department, second semester 1970-71 and first semester 1971-72, one-half pay; or second semester 1970-71, full pay.

#### *Department of Physiology and Biophysics*

JAMES EDWARD HEATH, Associate Professor of Physiology, academic year 1970-71, one-half pay; or first semester 1970-71, full pay; full-year leave contingent upon receipt of supplementary financial aid.

#### *Department of Political Science*

STUART S. NAGEL, Professor of Political Science, academic year 1970-71, one-half pay.

#### *Department of Psychology*

JACK A. ADAMS, Professor of Psychology, second semester 1970-71, full pay; leave contingent upon receipt of supplementary financial aid.

LEON A. JAKOBOVITS, Research Associate Professor of Communications and Associate Professor of Psychology, first semester 1970-71, full pay.

LEONARD PAUL ULLMANN, Professor of Psychology, academic year 1970-71, one-half pay.

#### *School of Life Sciences*

RICHARD RILEY MARSH, Professor of Biology, School of Life Sciences, Professor

of Food Science, and Director of University Honors Programs, six months beginning July 1, 1970, full pay.

*Department of Sociology*

DAVID J. BORDUA, Professor of Sociology, first semester 1970-71, full pay.

GUENTHER LUESCHEN, Associate Professor of Sociology and of Physical Education, first semester 1970-71, two-thirds pay.

RITA JAMES SIMON, Professor of Sociology and Head of the Department, academic year 1970-71, one-half pay.

*Department of Speech*

STAFFORD H. THOMAS, Assistant Professor of Speech, second semester 1970-71, full pay.

WILLARD R. ZEMLIN, Associate Professor of Speech, second semester 1970-71, full pay.

*Department of Zoology*

ARTHUR WARREN GHENT, Associate Professor of Zoology, second semester 1970-71, full pay.

MAX R. MATTESON, Associate Professor of Zoology, second semester 1970-71, full pay.

**Library**

MAYNARD BRICHFORD, Associate Professor and University Archivist, six months beginning March 1, 1971, full pay.

CARL W. DEAL, Associate Professor of Library Administration, Consultant in Bibliography, Library, and Acting Director of Center for Latin-American Studies, six months beginning March 1, 1971, full pay.

HOWARD ARTHUR MESSMAN, Mathematics Librarian (with rank of Assistant Professor), one year beginning August 1, 1970, one-half pay.

ROLLAND E. STEVENS, Professor of Library Science, first semester 1970-71, full pay.

**College of Physical Education**

A. E. FLORIO, Professor of Safety Education and Program Director of Safety Education and Driver Education, second semester 1970-71, full pay.

**College of Veterinary Medicine**

WILLIAM G. HUBER, Professor of Veterinary Physiology and Pharmacology, six months beginning December 15, 1970, full pay.

On motion of Mr. Grimes, these leaves were granted as recommended.

**REVISION OF REGULATIONS GOVERNING THE USE OF  
INDIRECT-COST INCOME, COST-OF-EDUCATION  
ALLOWANCES, AND UNRESTRICTED  
INSTITUTIONAL GRANTS OR GIFTS**

(14) The Executive Vice President and Provost and the Vice President and Comptroller recommend that present University policy governing the distribution of indirect-cost income be changed from a fixed formula to annual budgeting. This change is proposed partly to enable the University to meet more effectively the requirements of various state agencies for projecting and reporting expenditures of these and similar funds. More specifically it is recommended:

1. That section 14(f) of *The General Rules Concerning University Organization and Procedure* be deleted:

"When the budget provides for full recovery of all indirect costs, or in those cases where some other rate of reimbursement is established by policy of the sponsoring agency and can not be altered by the University, the following distribution of the funds thus received shall be made:

- (1) Forty per cent to a reserve which will periodically lapse to general Uni-

versity income. Special administrative, physical plant, or other costs which result from such research activities may be charged directly to this reserve.

- (2) Thirty per cent to a fund to be allocated by the University Research Board, for general University research purposes.
- (3) Thirty per cent to the University department conducting the investigation, for research or related activities.

"In those cases where less than total reimbursement of indirect costs is received, except where this is due to the established policy of the sponsoring agency, all sums received for this purpose shall first be applied to the general University allocation under (1) above. After the full 40 per cent of all indirect costs has been realized, any balance shall then be applied to (2) above, and after such 30 per cent has been realized, any remaining balance shall be applied to (3) above. "On projects where limited or excessive demands are made upon University facilities, the committee is authorized to revise the percentage allocation provided above."

2. That the following paragraph replace the part of Section 14(f) just reproduced: "The expenditure of funds received as reimbursement for indirect costs of research or other University activities, as cost-of-education allowances, as general-support grants ("institutional grants," "general research-support grants," etc.), or as any other category of gift or grant not restricted as to use by the donor or by other regulations of the Board of Trustees, requires authorization by the Board of Trustees. This may be done in either of two ways: (1) approval as part of the University's annual budget for operations or that for capital improvements; (2) approval during the fiscal year as an addition to the annual budget for operations or to that for capital improvements."
3. That these changes become effective as of July 1, 1970.

This recommendation is submitted after consultation with the three Chancellors, the University Council on Graduate Education and Research, and the University Senates Conference.

I concur.

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

#### **APPROPRIATION AND REAPPROPRIATION FOR NONRECURRING EXPENDITURES**

##### **Chicago Circle**

- (15) The Chancellor, on behalf of the Chicago Circle Committee on Nonrecurring Appropriations, recommends the following appropriation from the Chicago Circle General Reserve:

Office of Instructional Resources, film for film library..... \$36 000

##### **Urbana-Champaign**

The Chancellor on the Urbana-Champaign campus recommends reappropriation from the Urbana-Champaign General Reserve of the following balance remaining in projects previously approved by the Board of Trustees but not completed by the close of the lapse period on September 30, 1969:

Library, equipment for the Commerce and Special Languages Libraries.. \$33 130

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

I recommend approval of this appropriation and reappropriation.

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

#### **CONTRACTS FOR REMODELING IN EAST CHEMISTRY BUILDING, URBANA**

- (16) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts based on percentages bid for contractors' fees for remodeling Room 318 in the East

Chemistry Building, for the Department of Chemistry, the award in each case being to the low bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Pay- ments and Equipment Costs</i>	<i>Total Estimated Payments</i>
General — Dean Evans Co.,					
Champaign.....	2	22	2	\$2 508	\$23 108
Electrical — Remco Electrical Corporation, Champaign.....	10	30	30	1 300	7 300
Plumbing — David W. Reichard Plumbing & Heating Co., Inc., Urbana.....	15	40	5	490	2 490
Heating, Piping, Refrigeration and Automatic Temperature Control Systems — David W. Reichard Plumbing & Heating Co., Inc., Urbana.....	15	40	5	2 070	11 170
Ventilation and Distribution Systems for Conditioned Air — Cool-Rite Mechanical Con- tractors, Inc., Urbana.....	20	38	10	2 656	13 056

Since David W. Reichard Plumbing & Heating Co., Inc., Urbana, is the low bidder for plumbing work and for heating, piping, refrigeration and automatic temperature control systems work, with identical fee percentages, it is recommended that these two awards be combined in a single contract instead of separate contracts.

Funds for this work are available in an appropriation made by the Board of Trustees on December 17, 1969.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

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

#### **CONTRACTS FOR PLUMBING, MECHANICAL, AND ELECTRICAL WORK AND FINANCING FOR ILLIAC IV BUILDING, URBANA**

(17) On October 15, 1969, the Board of Trustees awarded a construction contract for the general work for the ILLIAC IV Building in the amount of \$654,000 to Skoog Construction Company, Champaign, the low base bidder. The general work was bid prior to the other divisions of work in order to expedite the completion of the building to meet the schedule for the delivery of the ILLIAC IV computer.

Bids have now been received for the plumbing, mechanical, and electrical work. Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts, the award in each case being to the low base bidder.

Plumbing, Illini Plumbing and Heating, Inc., Champaign.....	\$ 25 940
Heating, Refrigeration and Temperature Control — David W. Reichard Plumbing & Heating Co., Inc., Urbana.....	53 350
Ventilating and Sheet Metal — Conrad Sheet Metal Co., Bloomington..	27 843
Electrical — Remco Electrical Corporation, Champaign.....	118 600
Pipe Covering and Insulation — Reliable Plumbing & Heating Company, Champaign.....	17 675
<i>Total</i> .....	<i>\$243 408</i>

The contract documents provided that bidders for general work should indicate the amount of the fee for assignment of the plumbing, mechanical, and electrical contracts in anticipation that these contracts would be assigned to the general contractor for coordination. The low base bid for general work by Skoog

Construction Company included a fee of 5 per cent of the contract amounts of the awards for work under the other divisions. The assignment fee based on the low base bids for these divisions of the work is \$12,170.40. It is also recommended that these contracts be assigned to the general contractor, Skoog Construction Company, at that fee.

The total project cost is \$1,080,000. The Board of Trustees on October 15, 1969, appropriated \$830,000, and the balance of the funding (\$250,000) was included in state capital appropriations to the University for Fiscal Year 1970. The \$250,000 in state capital appropriations has not been released by the Governor. In order that these contracts can be awarded at this time, it is further recommended that an assignment of \$250,000 be made from the Contract Research Reserve (Graduate College) unless and until funds are released by the Governor.

Submitted herewith is a schedule of bids received, a copy of which is being submitted to the Secretary of the Board for record.

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

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE  
CONTRACT FOR CONSTRUCTION OF COLLEGE OF  
DENTISTRY BUILDING, PHASE I,  
MEDICAL CENTER**

(18) On August 20, 1969, the Board of Trustees requested the Illinois Building Authority to contract for construction of the College of Dentistry Building, Phase I, at the Medical Center campus. Subsequently the Authority awarded a contract to M. A. Lombard & Son Co., Alsip, the low base bidder. During the construction of the last caisson, soil conditions were encountered which made it impossible to construct the caisson as designed. This necessitated additional work on the part of the contractor. The contract provides that additional foundation work may be authorized by the Authority on a cost basis.

The work has now been completed and the additional cost to the contractor has been firmed up at \$13,699.41. Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to increase the contract with M. A. Lombard & Son Co., in this amount for this additional work.

Funds are available in the project budget for this work.

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

**EASEMENT AND PERMIT TO ILLINOIS POWER COMPANY, URBANA**

(19) The President of the University, with the concurrence of appropriate administrative officers, recommends that the University of Illinois Foundation be requested to grant to the Illinois Power Company a permanent 80 feet by 60 feet easement on the Foundation-owned land near the southwest corner of South First Street Road and Windsor Road extended in Champaign County, Illinois, for the right to extend downguys from a pole to be located on adjoining lands for which the Illinois Power Company already has an easement.

It is also recommended that a permit be granted to the Illinois Power Company for connecting the overhead electric transmission line to the South Campus Electric Substation north of Windsor Road near Goodwin Avenue extended at the Urbana-Champaign campus and that the following resolution be adopted.

**RESOLUTION AUTHORIZING PERMIT TO ILLINOIS POWER  
COMPANY TO CONNECT ELECTRIC TRANSMISSION  
LINE TO SOUTH CAMPUS ELECTRIC SUBSTATION,  
CHAMPAIGN COUNTY, 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 that the Comptroller and

the Secretary of this public Corporation be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to the Illinois Power Company, an Illinois Corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and permission to connect to the South Campus Electric Substation its presently existing 69 KV electric transmission line which extends along the Northerly line of the existing roadway of Windsor Road and is located approximately 33 feet South of and extending parallel with the South line of said substation site, which transmission line eventually must be rearranged and relocated to accommodate the future improvement and widening of Windsor Road, and which substation site is described as:

That part of the Southwest Quarter of the Southeast Quarter (SW  $\frac{1}{4}$  SE  $\frac{1}{4}$ ) of Section Nineteen (19), Township Nineteen North (T 19 N), Range Nine East (R 9 E) of the Third Principal Meridian (3rd P.M.), more particularly described as follows:

Beginning at a point which is sixty (60) feet North and fifty (50) feet West of the Southeast corner of said Southwest Quarter of the Southeast Quarter (SW  $\frac{1}{4}$  SE  $\frac{1}{4}$ ), proceed West parallel with the South line of said Section Nineteen (19), a distance of 220 feet; thence North, perpendicular to said Section line, 160 feet; thence East, parallel with said Section line, 220 feet; thence South, perpendicular to said Section line, 160 feet to the point of beginning, containing 0.808 acres, more or less.

The right and permission to connect said electric transmission line to said substation shall be only until such time as Windsor Road is so widened and improved and other provisions are made to connect said transmission line with said substation in conjunction with such improvement and shall be to permit Grantee to:

- (a) install and maintain two (2) poles in said transmission line at points 167 feet and 181 feet West of the East line of the aforesaid Southwest Quarter of the Southeast Quarter; and
- (b) extend electric conductors Northerly from said poles to and from the substation as required from time to time; and
- (c) extend overhead guy wires Southerly from each of said poles to one (1) stub pole located about one (1) foot South to the South right-of-way line of the existing Windsor Road; and
- (d) extend downguys Southerly from said stub pole to one (1) anchor a distance not to exceed twenty (20) feet from the base of said stub pole.

The rights and permit granted to be limited to the extent that this public Corporation has the present right and capacity to grant the same. Grantee shall have the right to clear and remove any obstacles or obstructions on the permit area as may be required to provide necessary clearance. Grantee shall agree to repair any damage caused to property of this Corporation or pay any damages which may be caused to property of this Corporation in the process of construction, reconstruction, or maintenance of said line, and to indemnify this Corporation and its representatives from liability in connection with Grantee's activities. Upon termination of the permit, Grantee shall peaceably surrender possession of said premises to this Corporation and full and complete title then shall remain in this Corporation free and clear of said permit and without necessity of re-entry or demand.

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

#### **EMPLOYMENT OF PROGRAM PLANNING CONSULTANTS, MEDICAL CENTER**

(20) The Chancellor at the Medical Center campus, with the concurrence of other administrative officers there, recommends further employment of Lester Gorsline Associates, Belvedere-Tiburon, California, for consulting services supplementary to those provided under an earlier contract as Phase I in program planning for improved facilities for the University of Illinois Hospital.

In January of 1970 Lester Gorsline Associates submitted to the University a report entitled *Preliminary Planning Analysis—University of Illinois Hospital*, in fulfillment of the contract approved by the Board of Trustees at its meeting on December 18, 1968. The report makes several far-reaching recommendations, including a proposal that the University of Illinois Hospital assume responsibility for comprehensive health-care services for a large target population in the west-southwest area of Chicago. The report also recommends the construction of a major new University of Illinois Hospital which would assume a substantial proportion of Cook County Hospital's present patient-care responsibilities.

These recommendations are currently under study at the Medical Center campus. Further, copies of the document have been sent to various institutions, agencies, and individuals that would be directly or indirectly concerned with the findings and recommendations presented in the report, including the Health Education Commission of the Board of Higher Education.

For the purpose of expediting the evaluation of these proposals, clarifying their implications for the several agencies and institutions involved, and other preparation for the next phase of program planning for the Hospital, it is recommended that Lester Gorsline Associates be engaged for additional consulting services during the remainder of the current fiscal year. The consultants' fee will be \$19,552 plus reimbursable costs not to exceed \$5,400 for direct expenses. Funds are available in the Medical Center General Reserve.

The Executive Vice President and Provost and the Vice President and Comptroller recommend approval of this proposal.

I concur.

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

#### **CONSOLIDATION OF LEASES FOR AUTOMATIC DATA-PROCESSING EQUIPMENT**

(21) The three campuses of the University lease various types of automatic data-processing equipment under agreements with the International Business Machines Corporation as originally authorized by the Board of Trustees on April 10, 1948.

As a result of a recent review of the various leases, it was determined that because of changes in demand and technological advances with automatic data-processing equipment, it is necessary to make periodic changes in equipment, and that the University could benefit by having one new master lease agreement which would provide for the most efficient operational and budgetary procedures for all campuses.

The President of the University with the concurrence of appropriate administrative officers, recommends that the Vice President and Comptroller be authorized to execute a new master lease agreement which will consolidate all of the existing lease agreements with the International Business Machines Corporation.

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

#### **AUTHORIZATION OF PATENT PROVISION IN CONTRACTS WITH DETROIT EDISON AND DEERE & COMPANY**

(22) I. The University of Illinois has received financial support of approximately \$50,000 from the Detroit Edison Company during the past three years to conduct research in the field of pulverized fuel flow and particle concentration in smoke-stack gas in the Department of Mechanical and Industrial Engineering. The funds have supported studies of graduate students, and a high degree of competence has been developed in the particular field of air pollutants.

It now appears feasible to develop a device for measuring the particulate matter contributing to air pollution resulting from smokestacks. To support this aspect of the project, the Detroit Edison Company is offering an additional \$10,000 with the request that a contract be entered into in which the University agrees to grant Detroit Edison the right to purchase equipment which results from any invention developed under the project at a royalty free cost. This research is in an area of immediate and prime public interest and will result

in research in both the measurement and control of pollution, and such a contract provision will not materially restrict the University in the management of such inventions.

II. Deere & Company has offered to provide the sum of \$2,500 for research to determine the optimum method to apply phosphate fertilizer when a chisel plow system is used. This, however, may develop into contracts of significantly larger amounts. It appears very unlikely that any patentable invention will develop from this work; however, Deere & Company has requested that, if a patent is obtained resulting from this work, they be given the option of being granted an exclusive license with the payment of a reasonable royalty or a nonexclusive royalty-free license. This appears to be reasonable and proper. The provisions of the *General Rules* of the University contemplate that the Board may accord preferential treatment to industrial sponsors of research.

Accordingly, with the concurrence of appropriate administrative officers, the President requests approval of the acceptance of contracts carrying the terms stated in I and II above.

On motion of Mr. Jones, approval was granted as requested.

#### ETHEL V. HIGGINSON ESTATE

(23) The University of Illinois is a beneficiary under the Will of Mrs. Higginson. The Will specifies that a fund is to be established to be known as the "Glenn and Ethel Higginson Needy Student Fund." The Will provides that the income from the fund is to be paid to Mr. E. H. Skinner during his lifetime. Mr. Skinner and the executor, Mr. Michael O'Byrne, have requested that the University accept the bequest at this time amounting to \$41,810 and to invest the principal in high yield bonds of good quality, and to pay the income to Mr. Skinner in quarterly installments during his lifetime. Mr. O'Byrne has advised that an alternate procedure would be to request an outside trustee to hold this fund during Mr. Skinner's lifetime, but he is willing to transfer the funds to the University at this time if they will be accepted under the terms indicated above.

The President, with the concurrence of administrative officers involved, requests authorization to accept and administer the fund under these conditions.

On motion of Mr. Grimes, authority was given as requested.

#### PURCHASES

(24) 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.....	\$241 707 77
From Institutional Funds — Recommended.....	422 864 61
Total .....	\$664 572 38

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. Hahn, the purchases recommended by the President were authorized.

#### COMPTROLLER'S REPORT OF PURCHASES APPROVED

(25) 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

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

**Medical Center***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
World Health Organization	Improve medical education in African region of World Health Organization	\$ 9 150
<i>Total</i>		<u>\$ 9 150</u>

**Urbana-Champaign***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Columbia Gas System Service Corporation	Modeling and optimization of absorption air conditioners	\$ 13 106
Commonwealth of Puerto Rico Department of Education	Conduct a special training program for Puerto Rican teachers of English	28 048
National Aeronautics and Space Administration: NGR 14-005-144	Determination of multiple element airfoil geometries for maximizing lift coefficient	20 319
NGR 14-005-145	Nonstationary gust response analysis	33 737
State of Illinois: Department of Conservation	Systems plan for waterfowl refuges-recreation areas for the state of Illinois	22 000
Senate Committee of Municipal Corporations	Analysis of problems concerning the relationship of the state of Illinois to housing and other urban problems	15 000
Zoning Laws Study Commission	Staff assistance in zoning laws study	5 848
Union Carbide Corporation Nuclear Division	Empirical relationships between $K_{1c}$ (or $K_{Ic}$ ) data, dynamic tear test data, and Charpy data	8 700
United States Air Force F 29601-70-C-0024	Stabilization of deep soil layers	64 031
United States Department of Interior: Federal Water Pollution Control Administration 17060-EYZ	New microbial indicators of wastewater chlorination efficiency	43 204
Office of Water Resources Research 14-31-0001-3169	Study of hydrology for models of the Great Lakes	34 990
<i>Total</i>		<u>\$288 983</u>

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
W. R. Grace and Company	Ultrafine ceramic particles	\$ 10 000
Illinois Archaeological Survey, Inc.	Archaeological salvage work consisting of testing and excavation of archaeological sites	5 435
National Aeronautics and Space Administration NGL 14-005-074	Psychological responses of central vestibular pathways and diffuse ascending systems to vestibular stimulation	140 000
United States Air Force F 29601-69-C-0071	Silicate treatment to inhibit corrosion of hot potable water systems	14 398
United States Army DAHC-04-67-C-0025	Research in experimental and theoretical physics	34 659
United States Atomic Energy Commission: AT (11-1) 1142	Kinetic isotope effects and related chemical kinetic problems	29 000
AT (11-1) 1683	Relationship of structural and regulatory genes controlling the ability of cells to exist under different environmental conditions	14 250
AT (11-1) 2007	Study of advanced methods for nuclear reactor gas laser coupling	45 000
United States Department of Agriculture 12-14-100-5665 (81)	Plant pest control	6 000
United States Navy: N00014-67-A-0305-0002	Investigations of radio direction-finding techniques over broad bands of frequencies to obtain accurate bearing information on intercepted signals	72 206

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
N00014-67-A-0305-0011	Solid state and surface state electronics of semiconductors as related to devices such as transistors and photo-detectors	15 000
Warner Electric Brake and Clutch Company	Incremental motion control problems	300 109
<b>Total</b>		<b>\$686 057</b>

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Champaign A and K Insulation Company	Insulation work — cost-plus contract: Student Services Building	\$ 5 000
Dean Evans Company	General work — cost-plus contract: University High School	6 500
David W. Reichard Plumbing and Heating Company, Inc.	Ventilation work — cost-plus contract: 26 East Springfield Avenue	6 810
Remco Electrical Corporation	Electrical work — cost-plus contract: Noyes Laboratory	5 200
<b>Total</b>		<b>\$ 23 510</b>

**Summary**

Amount to be paid to the University:	
Medical Center.....	\$ 9 150
Urbana-Champaign.....	975 040
<b>Total.....</b>	<b>\$984 190</b>
Amount to be paid by the University:	
Urbana-Champaign.....	\$ 23 510

This report was received for record.

**INVESTMENT REPORT**  
**For the Month of January, 1970**

**Report of the Comptroller**

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

*Current Funds*

<b>Restricted (Chicago Circle)</b>	
Purchase:	<i>Per Cent</i>
\$ 25 000 Associates Corp. demand notes.....	8.47      \$ 25 000 00

*Medical Service Plan (Medical Center)*

Purchase:	
\$ 26 000 CIT Financial demand notes.....	8.60      26 000 00

*Restricted Group*

Sale:	
\$1 000 000 Atlantic Richfield notes due 2/9/70.....	990 368 11
Purchases:	
\$ 500 000 PPG Industries note due 3/16/70.....	9.16      491 500 00
1 000 000 New England Telephone note due 3/17/70....	9.16      983 000 00
500 000 Amoco Credit note due 4/3/70.....	9.34      488 467 01
500 000 Colorado Interstate note due 4/3/70.....	9.34      488 467 01
1 000 000 El Paso Natural Gas note due 7/7/70.....	9.42      955 000 00

*Plant Funds**Art Objects*

Sale:	
\$350 000 U.S. Treasury bills due 7/31/70.....	335 300 38
Purchases:	
\$300 000 El Paso Natural Gas note due 7/7/70.....	9.42      286 500 00
50 000 Local Loan note 8¾ per cent due 7/22/71.....	8.75      50 000 00

*Dentistry-Medicine-Pharmacy Auxiliary (Medical Center)*

Sale:	
\$235 000 U.S. Treasury bills due 4/16/70.....	230 621 95

*Sinking Funds**Assembly Hall*

	<i>Per Cent</i>	
Purchase:		
\$ 76 000 U.S. Treasury bills due 3/31/70.....	7.42	75 040 61

*Dentistry-Medicine-Pharmacy (Medical Center)*

Purchase:		
\$ 20 000 U.S. Treasury bills due 3/26/70.....	7.37	19 745 50

*Housing Revenue Bonds*

Purchase:		
\$202 000 U.S. Treasury 5½ per cent notes due 8/15/74....	7.28	183 567 50

*Illini Union and Health Center*

Purchase:		
\$ 5 000 U.S. Treasury bills due 11/30/70.....	7.10	4 677 86

*Men's Residence Halls of 1957*

Purchases:		
\$ 30 000 U.S. Treasury bills due 3/26/70.....	7.81	29 595 75
90 000 U.S. Treasury 5¼ per cent notes due 5/15/71....	7.67	87 075 00
26 000 U.S. Treasury 5½ per cent notes due 8/15/74....	8.72	23 611 25

*Revenue Bonds of 1956*

Purchase:		
\$ 12 000 U.S. Treasury 5¼ per cent notes due 5/15/71....	7.47	11 640 00

*Women's Residence Halls of 1956*

Purchase:		
\$ 7 000 U.S. Treasury 5¼ per cent notes due 5/15/71....	7.67	6 772 50

This report was received for record.

#### AMENDMENT OF REGULATIONS GOVERNING THE CERTIFICATE OF CERTIFIED PUBLIC ACCOUNTANT

(28) The University Committee on Accountancy has recommended changes in the University's regulations adopted by the Board of Trustees for administering the Illinois Accountancy Law. The Committee has also recommended that the regulations be codified to incorporate all amendments since the last printed publication of the regulations and to make certain editorial changes. If the changes are approved, the Committee plans to publish a new edition of the regulations and explanation for the guidance of candidates for examination.

I concur in the changes recommended. A copy of the complete text of the University Regulations for Administering the Illinois Accountancy Law indicating the recommended amendments is being filed with the Secretary of the Board for record.

The Executive Committee of the Board on February 18 recommended approval.

On motion of Mr. Jones, the recommendation of the Executive Committee was approved.

#### RECOMMENDATIONS FOR SPECIAL CHANGES IN TUITION AND FEES

(29) The University Committee on Fees<sup>1</sup> submits the following recommendations:

1. That the fee of \$1.00 presently charged for post-registration changes in course programs be abolished, effective at the beginning of the next term on each campus. This proposal is endorsed by the Offices of Admissions and Records at all three campuses and by the Comptroller's Office. The costs of collecting this fee are judged to exceed its benefits.
2. That a special fee of \$125 be charged for registration in Aviation 100 (Orientation to Aviation), effective for the fall of 1970. This fee would be assessed to meet the special costs arising from flight instruction (operation of airplanes and flight simulator).

<sup>1</sup> The membership of the University Committee on Fees is as follows: Lyle H. Lanier, Chairman, Joseph S. Begando, Herbert O. Farber, E. Eugene Oliver, Norman A. Parker, Jack W. Peltason.

3. That the schedule of tuition and fees (see below) for the Medical Center campus be approved, effective for the fall of 1970.

The service fees are increased as follows:

- (a) \$48.00 per quarter for Medicine; (b) \$30.00 per quarter for Dentistry; (c) \$9.00 per quarter for all other students.

The resident tuition rates are not changed; nonresident tuition is shown at the increased rate of \$100 per year already approved by the Board of Trustees.

4. That the tuition-and-fee charges for the Dental Assistant Program and the Dental Postgraduate Program be changed from their present special status to the standard schedule for the Colleges of Nursing and Pharmacy, the Graduate College, and the School of Associated Medical Sciences, effective for the fall of 1970.

Assuming approval of recommendation 3 above, the standard schedule for 1970-71 will be:

	<i>Tuition</i>	<i>Building and Service Fee</i>	<i>Hospital- Medical- Surgical Fee</i>	<i>Total</i>
Resident.....	\$ 82 00	\$46 00	\$7 00	\$135 00/quarter
Nonresident.....	318 00	46 00	7 00	371 00/quarter

At present, the dental students are assessed "flat-rate" fees (dental assistants, \$350 per academic year; dental postgraduates, \$150 per quarter), with no distinction between Illinois-resident and nonresident students. The proposed rates are those assessed for a full-time program (Range I) for one quarter.

I concur.

The Executive Committee of the Board on February 18 recommended approval.

On motion of Mr. Steger, the recommendation of the Executive Committee was approved.

**Proposed Schedule of Tuition and Fees Medical Center Campus  
Effective for the Fall of 1970**

	<i>Range I</i>		<i>Range II</i>		<i>Range III</i>	
	<i>Pres- ent</i>	<i>Pro- posed</i>	<i>Pres- ent</i>	<i>Pro- posed</i>	<i>Pres- ent</i>	<i>Pro- posed</i>
<b>Resident</b>						
Medicine:						
Tuition.....	\$ 82	\$ 82	\$ 58	\$ 58	\$ 34	\$ 34
Service Fee.....	127	175	86	118	45	61
Hospital-Medical-Surgical Fee.....	7	7	7	7	7	7
<i>Total</i> .....	<u>\$216</u>	<u>\$264</u>	<u>\$151</u>	<u>\$183</u>	<u>\$ 86</u>	<u>\$102</u>
Dentistry:						
Tuition.....	\$ 82	\$ 82	\$ 58	\$ 58	\$ 34	\$ 34
Service Fee.....	112	142	76	96	40	50
Hospital-Medical-Surgical Fee.....	7	7	7	7	7	7
<i>Total</i> .....	<u>\$201</u>	<u>\$231</u>	<u>\$141</u>	<u>\$161</u>	<u>\$ 81</u>	<u>\$ 91</u>
Nursing, Pharmacy, Graduate, and Other:						
Tuition.....	\$ 82	\$ 82	\$ 58	\$ 58	\$ 34	\$ 34
Service Fee.....	37	46	26	32	15	18
Hospital-Medical-Surgical Fee.....	7	7	7	7	7	7
<i>Total</i> .....	<u>\$126</u>	<u>\$135</u>	<u>\$ 91</u>	<u>\$ 97</u>	<u>\$ 56</u>	<u>\$ 59</u>
<b>Nonresident</b>						
Medicine:						
Tuition.....	\$284	\$318	\$200	\$220	\$114	\$124
Service Fee.....	127	175	86	118	45	61
Hospital-Medical-Surgical Fee.....	7	7	7	7	7	7
<i>Total</i> .....	<u>\$418</u>	<u>\$500</u>	<u>\$293</u>	<u>\$345</u>	<u>\$166</u>	<u>\$192</u>

**Dentistry:**

Tuition.....	\$284	\$318	\$200	\$220	\$114	\$124
Service Fee.....	112	142	76	96	40	50
Hospital-Medical-Surgical Fee.....	7	7	7	7	7	7
<i>Total</i> .....	<u>\$403</u>	<u>\$467</u>	<u>\$283</u>	<u>\$323</u>	<u>\$161</u>	<u>\$181</u>

**Nursing, Pharmacy, Graduate,  
and Other:**

Tuition.....	\$284	\$318	\$200	\$220	\$114	\$124
Service Fee.....	37	46	26	32	15	18
Hospital-Medical-Surgical Fee.....	7	7	7	7	7	7
<i>Total</i> .....	<u>\$328</u>	<u>\$371</u>	<u>\$233</u>	<u>\$259</u>	<u>\$136</u>	<u>\$149</u>

**CHANGE ORDER — COMPUTER LEASE/ACQUISITION**

(30) The University Office of Administrative Data Processing has reviewed the increased requirements for computing equipment at the Chicago Circle campus. It has been concluded by appropriate staff personnel and approved by the administrative officers concerned that the leased 360/50 CPU system soon to be released by the Computer Science Laboratory in Urbana, with certain modifications, can be advantageously used at the Chicago Circle campus since it will be operationally compatible with other administrative data processing equipment on the Urbana-Champaign campus.

The Urbana-Champaign Department of Computer Science is in the final stages of changes in computer equipment (approved by the Board of Trustees May 21, 1969) which will cause the removal of the IBM System 360 Model 50 Central Processing Unit from University lease agreements with IBM dated February 13, 1964.

The International Business Machines Corporation has proposed a change order in our existing agreement for IBM machine service (lease agreement) which would permit the University to transfer the 360/50 CPU system being removed from the Urbana-Champaign campus to the Chicago Circle campus. Based upon an anticipated transfer date of April 1, 1970, the University could acquire title to the 360/50 CPU at a total cost of \$340,798.57 with payments spread over a five-year period, said payments to be subject to the availability of funds in accordance with the following schedule:

Fiscal Year 1970.....	\$ 14 832 07
Fiscal Year 1971.....	77 470 26
Fiscal Year 1972.....	74 350 65
Fiscal Year 1973.....	71 231 04
Fiscal Year 1974.....	68 111 43
Fiscal Year 1975.....	34 803 12
	<u>\$340 798 57</u>

In addition, the University will pay \$27,060.00 for maintenance over the five-year period.

The net result of this change order will be to effect a total savings over the five-year period of \$258,436.43, provide for prompt conversion and installation at the Chicago Circle campus, and at the end of said period title of the equipment will be vested in the University.

Funds are available in the regular operating budget generated from charges to those departments using the computer.

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

The Executive Committee of the Board on February 18 recommended approval.

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

**DEAN OF STUDENTS, URBANA**

(31) The Chancellor at Urbana-Champaign has recommended the appointment of Hugh M. Satterlee, Acting Dean of Students since September 1, 1969, and Director of Student Financial Aids, as Dean of Students beginning April 1, 1970, on a twelve-month service basis at an annual salary of \$21,000.

Mr. Satterlee's appointment has been endorsed by a consultative committee<sup>1</sup> appointed by the Senate to advise the Chancellor on this subject. The Executive Vice President and Provost concurs.

I recommend approval.

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

**REQUEST TO APPEAR BEFORE THE BOARD**

The Secretary presented a request to be heard at the time the Board has recommendations before it on the subject of Equal Opportunity in University Construction Projects. The request was from Mr. Guy J. Hensler, Business Manager, International Brotherhood of Electrical Workers, Local Union No. 601.

On motion of Mr. Swain, the Board approved the request and granted Mr. Hensler a hearing by the General Policy Committee when a recommendation on this subject is before the Committee.

**SECRETARY'S REPORT**

The Secretary presented for record the following lists: appointments to the faculty made by the President; declinations and resignations; declinations of Summer Session contracts; leaves of absence; cancellations of leave of absence; retirements. A copy of the report is filed with the Secretary.

**ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD**

Mr. Hughes reminded the Trustees of the dates of the next four meetings: April 15, at the Medical Center campus; May 20, at the Chicago Circle campus; June 17, at the Urbana-Champaign campus; and either July 15 or July 22, at the Urbana-Champaign campus.

Mr. Hughes announced that arrangements had been made for a presentation by a spokesman for the Undergraduate Student Association and the Graduate Student Association on the subject of student unrest, campus disorder, and related matters—the presentation to be heard during the afternoon, following the meeting of the Committee on Buildings and Grounds.

**RECESS AND EXECUTIVE SESSION**

The meeting was recessed and the President of the Board stated that an executive session had been requested for the consideration of reports and recommendations relating to personnel items, property acquisition and patentable discoveries.

When the Board reconvened in executive session, 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. Page who asked to be excused.

The President of the University presented the following recommendations.

<sup>1</sup> Joseph Kastelic, Professor of Nutritional Biochemistry in Animal Science, *Chairman*; Gene S. Graham, Associate Professor of Journalism; William J. Hall, Professor of Civil Engineering; Bennett D. Hill, Associate Professor of History; and the following students: Nancy Albers, Michael Arkes, Nancy Drummond, William Francis, Laurie Herm.

**RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE**

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

1. Use of radiodense fluorocarbon molecules as x-ray contrast material—David M. Long, Jr., Professor of Surgery, and Head of the Division of Cardiovascular and Thoracic Surgery, Medical Center, inventor. The invention consists of the use or application of radiodense fluorocarbon molecules as contrast media in x-ray techniques. Materials now used as contrast materials in medicine have many desirable properties but there are also many undesirable properties such as chemical and biological reactivity which sometimes result in complications and death. Furthermore, the dosage or amounts of these materials that may be used safely is sometimes not enough for adequate x-ray studies.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study and possible patent application.

2. Selective flame signal modulator—Victor G. Mossotti, Senior Research Chemist, Materials Research Laboratory, Urbana, and Judith Ann Eakin, Assistant Research Chemist, Materials Research Laboratory, Urbana, inventors; developed under the sponsorship of the Advanced Research Projects Agency. The device referred to as the selective flame signal modulator is useful for feeding analytical solutions to a flame light source for the direct determination of metallic impurities in liquid analytical samples. In addition to supplying the analytical flame with a constant solution uptake rate, this device introduces a periodic concentration gradient into the solution fed into the flame. The periodic addition of the element of analytical interest into the flame extends the possibility for the retrieval of analytical information from system noise, flame background fluctuations, and spectrally interfering band systems generated by the flame. Thus, the practical applications of this device are twofold: first, the interpretation of the spectrogram is vastly simplified; and second, analytical sensitivities and detection limits are markedly improved.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study and possible patent application, subject to the rights of the sponsoring agency.

3. Method of fixing prosthetic and other devices to bone and other living tissue—William Rostoker, Professor of Metallurgy in Materials Engineering at Chicago Circle, and Jorge Galante, Assistant Professor of Orthopaedic Surgery at the Medical Center, inventors; developed under the sponsorship of the United States Public Health Service. An invention is claimed for the use of porous aggregates produced from short length, small diameter fibers as a means for the attachment of prosthetic and other devices to live bone and tissue through the growth of the live component into the interconnecting voids of the porous aggregate. Additional advantages are claimed by this invention in providing a fixation mechanism which is not subject to cracking and rapid fracture and which is largely compliant with the surrounding live material.

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. Stabilimetric telemetry cushion—Robert L. Sprague, Director of the Children's Research Center and Associate Professor of Psychology, Urbana, Stuart Yoos, Assistant Electronic Engineer at the Children's Research Center, and Estil Carter, Electronic Engineering Assistant at the Coordinated Science Laboratory, Urbana, inventors; developed under the sponsorship of the United States Public Health Service. Interest in the activity level of children, particularly children in a school situation, has been the concern of research for some time. We have shown that it is possible to control the activity level of institutionalized mentally retarded children by using appropriate behavior modification procedures and a stabilimetric cushion. The reason for developing the stabilimetric telemetry cushion was to permit research on activity level of school children in a classroom situation without the necessity of stringing wires from the cushions to the control equipment.

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.

5. Supplemental tannins in ruminant diets — E. E. Hatfield, Professor of Animal Science, Urbana, U. S. Garrigus, Professor of Animal Science, Urbana, and Arno Driedger, Research Assistant in Animal Science, Urbana, inventors. Use of supplemental tannins in ruminant diets at levels to react chemically with protein, amino acids, and other compounds having amine groups for the purpose of reducing the rate and/or amount of rumen diamination. Mixing part of the dietary components of the diets with tannins and applying heat/or pressure (example: pelleting the mixture) to localize the chemical binding action of tannins with specific dietary components. The treated mixture is subsequently added to the entire diet.

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

6. Method of encapsulating liquids or other materials — C. D. Hendricks, Professor of Electrical Engineering and of Nuclear Engineering, Urbana, inventor; developed under the sponsorship of the United States Public Health Service. To encapsulate one material inside another, it is necessary to place a layer of the encapsulant around the encapsulated material. In this invention, this is done by using two or more coaxial capillaries of suitable material (glass, metal, ceramic, etc.). For a two-phase system (one inside material and one coating layer), two capillaries are used. The material to be encapsulated is introduced through the inner capillary and the encapsulant through the outer capillary surrounding the inner. The outer material forms a sheath or layer around the inner material. By suitably disturbing the composite column of materials, drops may be produced in which the encapsulant forms a closed layer around a portion of the encapsulated material. The drops may then be treated (chemically, by heat, by evaporation, or by freezing) to form a membrane of encapsulant covering the encapsulated material.

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

7. Tooth profile shapes of cylindrical gears — Alan Otto Lebeck, formerly Assistant in Mechanical Engineering, Urbana, and Eugene I. Radzimovsky, Professor of Mechanical Engineering, Urbana, inventors; developed under the sponsorship of the National Science Foundation Engineering Traineeship. The novelty of this optimum gear design method is that the profile shape is determined by the requirement of reducing the value of the ratio of the surface pressure to load to the smallest possible value by the method of mathematical synthesis, thus enabling gears designed by this method to have the largest possible load capacity of any tooth profile used for cylindrical gearing, including the standard involute. This claim of increased capacity is based upon the condition that the critical design factor for a pair of gears is the ratio of the surface pressure to load.

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.

8. Low mass, low response time temperature measuring device — C. M. Wayman, Professor of Metallurgical Engineering, Urbana, and David Thornburg, Research Assistant in Metallurgy, Urbana, inventors; developed under the sponsorship of the Atomic Energy Commission. The thermocouple has been a common laboratory thermometer for many years. Our device is believed to be unique in that it displays the features of ordinary wire thermocouples, as well as the additional features of: (a) extremely fast response time, (b) negligible thermal mass, (c) high stability of calibration with time, (d) low cost of fabrication, and (e) ability to be utilized with commonly available laboratory equipment.

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.

9. Universal logic modules for the realization of arbitrary switching functions — Franco P. Preparata, Associate Professor of Electrical Engineering and Research Associate Professor in the Coordinated Science Laboratory, Urbana, and David E. Muller, Professor of Mathematics, Urbana, inventors; developed under the sponsorship of the National Science Foundation. A Boolean function  $U(z_1, z_2, \dots, z_m)$  is universal for given  $n \geq 1$  if it realizes all Boolean functions  $f(x_1, \dots, x_n)$  by substituting for each  $z_i$  a variable of the set  $\{0, 1, x_1, \dots, x_n, x_1, \dots, x_n\}$ . The physical module realizing  $U(z_1, \dots, z_m)$  is called a Universal Logic Module ULM, which may be particularly suited for standardizing production of integrated production of integrated combinational circuits. In integrated circuit

technology special attention is given to the reduction of the number m of module terminals. This is assumed as criterion of simplicity.

The rights of the invention lie with the National Science Foundation; and because commercial possibilities for this device appear slight, the Committee recommends that a request for waiver of such rights not be filed.

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

#### ACQUISITION OF LAND IN DE KALB COUNTY

(32) The University acquired farm land in DeKalb County in 1943 in settlement of the estates of Dr. Harry G. Wright and his widow, Harriette A. Wright.

One of the farms, commonly known as Wright Farm No. 6, contains 200 acres and is operated on a livestock lease. There are a large number of buildings on this farm, and it could be more efficiently operated as a larger unit.

The University has been offered 120 acres of land immediately north of Wright Farm No. 6 at a price of \$730 an acre. In the opinion of Professor Donald G. Smith, an accredited rural appraiser, this price is reasonable in view of comparable sales in the area.

The Dean of the College of Agriculture and the Vice President and Comptroller recommend that the University of Illinois Foundation be requested to purchase the land by borrowing funds in the amount of \$80,000, to be repaid over a period of ten years from the income of the land to be acquired plus the existing Wright Farm, with the remainder of the purchase price (\$7,600), plus expenses incurred in connection with the acquisition of the property, to be paid to the Foundation by the University from undistributed earnings of the Wright Farms. Upon retirement of the indebtedness of the Foundation, the Foundation will transfer the property to the University and the income from the farms will be used to supplement the Harry G. and Harriette A. Wright endowment.

I concur and recommend that the Comptroller and Secretary of the Board execute all documents necessary in connection with the acquisition and lease of the property from the Foundation.

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

On motion of Mr. Swain, the Board adjourned.

EARL W. PORTER

*Secretary*

EARL M. HUGHES

*President*

#### MEETING OF COMMITTEE OF THE WHOLE

A meeting of the Board of Trustees as a Committee of the Whole was held beginning at 2:30 p.m. The same members and officers of the Board and officers of the University as recorded in the minutes of the regular meeting of the Board were present except Mr. Page and Mr. Steger.

The committee met for the purpose of hearing a presentation from the Graduate Student Association and Undergraduate Student Association from Urbana. A statement from the Executive Committee of the Graduate Student Association and Undergraduate Student Association had been sent to the Trustees in advance. Present for the group were: John L. Ronsvalle, Mike Brady, Jackie Flenner, Mike Real, Jay Tummelson, Barbara Halpern, Ed Pinto.

Mr. Real was asked to speak for the group and following general

remarks and discussion on the document submitted earlier, presented the following proposals to the Trustees:

1. A series of discussions between the Board of Trustees, perhaps in groups of three or four, and campus student leaders, as well as other interested parties, about the causes of campus unrest and disorders.
2. A broadly based committee, specifically including students, commissioned by the Board of Trustees to analyze governance and authority in the University structure and to make recommendations concerning changes in such decision-making processes.
3. Greatly increased informal exposure of the Board of Trustees to student life on campus in order that they might more accurately understand the environment over which they exercise control.

Following general discussion, on motion of Mr. Swain the Committee referred the proposals to the Committee on General Policy.

On motion of Mr. Grimes, the Committee of the Whole adjourned.