

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

May 20, 1964



The May meeting of the Board of Trustees of the University of Illinois was held in the Illini Union South, Urbana, Illinois, on Wednesday, May 20, 1964, beginning at 8:00 p.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Earl M. Hughes, Mr. Theodore A. Jones, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Wayne A. Johnston, Governor Otto Kerner, Mr. Ray Page, and Mr. Kenney E. Williamson were absent.

Also present were President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier, Vice-President Norman A. Parker and Dean Glenn Terrell, Chicago Undergraduate Division, Vice-President Joseph S. Begando, University of Illinois at the Medical Center, Chicago, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. James J. Costello, Legal Counsel, Mr. Donald C. Neville, Assistant to the Director of the Physical Plant, Mr. Earl W. Porter, Assistant to the President, Mr. Shannon McCune, Consultant to the President and to the Executive Vice-President and Provost, Mr. Vernon L. Kretschmer, Director of Auxiliary Services; and the officers of the Board, Mr. R. R. Manchester, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

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.

REPORT OF COMMITTEE ON GENERAL POLICY

Supplementary Report on Amendments of Statutes, May 1, 1964

Mr. Jones, for the Committee on General Policy, presented the following report:

Revisions of Sections 6, 38, and 39 of the University Statutes Proposed by Senate Coordinating Council

On April 15, 1964, the Board of Trustees received and approved the Committee on General Policy's April 14, 1964, recommendations and summary report concerning revisions of Sections 6, 38, and 39 of the University of Illinois Statutes previously proposed by the University Senates and the Senate Coordinating Council. The April 14, 1964, Committee report recommended certain modifications of the statutory amendments forwarded by the Senates, and the Board's action of April 15 included the adoption of the following resolutions:

"Be It Resolved that the proposals for statutory revision as proposed by the Senate Coordinating Council and transmitted by the President on June 19, 1963, be tentatively approved, except as noted below, and

"Be It Further Resolved that the recommendations of the Committee on General Policy of the Board of Trustees of the University of Illinois in its April 14, 1964, report on 'Revision of Sections 6, 38, and 39 of the University Statutes Proposed by Senate Coordinating Council' be considered amendments to the University Statutes proposed by the Board of Trustees, and that the advice of the University Senates be sought thereon as provided in Section 65 of the University Statutes."

In line with the second of the above resolutions, arrangements are in process for transmittal of the amendments proposed by the Board of Trustees on April 15, 1964, to the University Senates for advice. Your Committee's April 14, 1964, report and recommendations, and the Appendix thereto outlining the development of the statutory revisions, will be included in the materials forwarded to the Senates, but that report was in summary form since there was not sufficient time between the April 14 meeting of the Committee with the President and Senate representatives and the April 15 meeting of the Board to prepare a more detailed statement. The Committee on General Policy believes that the further exposition in this supplementary report may be of assistance to the Senate members in developing advice to the Board of Trustees on the proposed amendments. There will be no opportunity for the Board of Trustees to consider or act upon this supplementary report prior to its next meeting on May 20, 1964, but it is being forwarded to the President at this time with the suggestion that it be included, as a Committee document only, in the materials transmitted to the Senates.

Those areas where the statutory amendments proposed by the Board of Trustees differ from those recommended by the Senate Coordinating Council are specifically noted in this supplementary report.

Procedural Aspects

The statutory revisions initiated by the Senates and tentatively approved by the Board of Trustees provide for the establishment of a general University committee at each campus (to be known as the "Faculty Advisory Committee"), nominated and elected by the academic staff. The stated functions of the Faculty Advisory Committee (Section 6)

"shall be to provide for the orderly voicing of suggestions for the good of the University, for affording added recourse for the consideration of grievances,

and for furnishing a channel for direct and concerted communication with administrative officers of the University, its colleges, schools, institutes, divisions, and other administrative units on matters of interest or concern to the academic staff or any member of it."

The fact that consultation with the Faculty Advisory Committee will be available both to members of the academic staff and to administrative officers is regarded as a significant clarification of the appropriate channels for such communication. Also, it is noted that the Senate's existing Committee on Academic Freedom will be renamed as a "Committee on Academic Freedom and Tenure."

In a dismissal situation, the President would be required to consult with the Faculty Advisory Committee of the appropriate campus before filing charges, but the determination of whether or not proceedings are to be instituted after such consultation is left with the President. If proceedings are instituted, charges are filed with the Senate, and the appointee is privileged to request a preliminary hearing on them before the Senate Committee on Academic Freedom and Tenure. This Senate Committee will receive evidence, hear arguments, and make findings, conclusions, and recommendations. Thereafter, the case may be closed, or the President may proceed to file the charges with the Board of Trustees.

The appointee may also request a hearing before the Board, at which a member of the Senate Committee on Academic Freedom and Tenure may be in attendance and is to be given an opportunity to make a statement. The record made at the previous hearing before the Senate Committee will be submitted to the Board, additional evidence may be taken and, under Section 38 (e) (7), "the Board will give due consideration to the findings, conclusions, and recommendations of the Committee on Academic Freedom and Tenure, and the remainder of the record before said Committee . . ." The modifications proposed by the Board of Trustees on April 15, 1964, included the addition of the italicized portion of the above phrase as a technical clarification of matters appropriately considered by the Board in a dismissal proceeding. The ultimate findings of fact and the final decision as to the appointee's dismissal or retention will be made by the Board, as is the case under the existing University Statutes. Public statements about a case under consideration are to be avoided so far as possible.

In designating the effective date of any dismissal or request for resignation, the Board is to give "due consideration to all relevant factors including, without limitation, the gravity of the appointee's conduct in question, the services to be rendered to the University by the appointee during any intervening period, and to the time reasonably required for the adjustment of the appointee's personal affairs." President Henry has stated to your Committee that he views time to adjust personal affairs as one of many factors to be considered in designating the effective date of a dismissal or requested resignation, and that the character of the appointee's conduct would also appear to be relevant to this point. The Legal Counsel has stated that under existing Illinois law state appropriations for personal services may not be used to pay salary unless services are, in fact, performed. Accordingly, the modifications in Section 38 (e) (7) proposed by the Board of Trustees at its April 15, 1964, meeting added the italicized portion of the above phrase as being a further definition of the factors to which the Board will give due consideration in designating the effective date of a dismissal or requested resignation.

In large measure, the Senate Coordinating Council's procedural suggestions tentatively approved by the Board of Trustees on April 15, 1964, follow existing administrative practice in dismissal cases, but considerably more detail is furnished than is found in the present University Statutes. The major procedural innovations which will now be formalized are (1) the necessity of the President's consultation with the Faculty Advisory Committee as a condition precedent to the filing of charges for dismissal, and (2) the establishment of detailed requirements of notice and procedures for the hearing before the Senate Committee on Academic Freedom and Tenure.

Consultation with the Faculty Advisory Committee will furnish an opportunity for the President to have direct communication with a formally designated faculty group before preferring charges, but he would not be prevented from also conferring with the appropriate college or department as he has done in the past.

All parties concerned would appear to be benefited by the new procedural details for the preliminary hearing before the Senate Committee on Academic Freedom and Tenure. That Committee has the opportunity to consider the ap-

pointee's answer to the charges, to receive evidence, and to hear arguments presented by each side. Under existing University Statutes, the appointee against whom charges are filed is already entitled to a hearing before this Senate Committee but the tentatively approved revisions will formalize the Committee procedures for such hearing. A new requirement is that the appointee must file an answer to the charges if he requests a hearing before the Committee.

It is noted that, by reason of the times specified for notices and hearings before the Senate Committee and the Board, a minimum of sixty-five days will elapse between the time the President files charges with the Senate and the commencement of the hearing before the Board of Trustees. This minimum contemplates consultation, hearing, consideration, and decision by the President and the Senate Committee on the first day at each stage of the proceedings. It is apparent that, in practice, such immediate disposition will not be possible, and that the interval between the filing of charges and the Board hearing will substantially exceed sixty-five days.

Substantive Matters

The amendments to the Statutes proposed by the Board of Trustees in its April 15, 1964, action contain some substantive changes in the revisions initiated in the Senates and received by the Board in June of 1963. The most significant of these are in the Board's proposed modifications in the Coordinating Council's Section 38 (d) definition of "due cause for dismissal" and the new Section 38 (e) (8) relating to suspensions. Additionally, the Board has proposed a substantial amendment to Section 39 (b) dealing with a faculty member's role as a citizen, which Section was not the subject of a recommendation by the Coordinating Council.

1. *Due Cause for Dismissal*

Existing Section 38 (d) reads as follows:

"(d) Cause for discharge shall consist of conduct seriously prejudicial to the University through deliberate infraction of law or commonly accepted standards of morality, neglect of duty, inefficiency or incompetency. The enumeration of causes for discharge shall not be deemed exclusive, and the Board of Trustees reserves the power to discharge for other causes, but it is to be distinctly understood that this power will be exercised only under exceptional circumstances and then only for conduct which is clearly prejudicial to the best interests of the University."

The Coordinating Council rewrote the definition of due cause for dismissal with considerable changes in language and emphasis. The amendments to Section 38 (d) proposed by the April 15, 1964, action of the Board of Trustees adopt the basic approach and concepts of the Council's version but would modify the Council's language slightly to read (the matter deleted from Council version shown within brackets with lines through the deletions, and matters added to Council version shown by italics):

"(d) Due cause for dismissal shall be deemed to exist only if [~~with all due regard for the freedoms and protections provided for in Section 39 of these Statutes,~~] a faculty member's conduct is found to demonstrate clearly and convincingly either that (1) he has been grossly neglectful of, or grossly inefficient in, the performance of his University duties, or that (2) he can [~~no longer~~] not be relied upon to perform his University duties and functions, or otherwise to conduct himself, in a manner consonant with professional standards of conduct, competence, and responsibility."

The phrase "with all due regard for the freedoms and protections provided in Section 39 of these Statutes" has been eliminated to avoid possible confusion in interpretation between Section 38 (d), in which the causes for dismissal are defined, and Section 39, in which is stated the University's policy to encourage, promote, and maintain academic freedom within the limits therein set forth. A reference to "freedoms and protections provided for in Section 39" would necessitate a similar reference to the "responsibilities" required by that Section. It is clear that certain responsibilities set forth in Section 39 are of a nature that violation of them will result in dismissal. For example, Section 39 (c), in which no change has been recommended, must be interpreted as meaning that to advocate the overthrow of our constitutional form of government by force or violence is unprofessional conduct, per se, and that one indulging in such advocacy will be dismissed.

On the other hand, other parts of Section 39, particularly Section 39 (b) dealing with the role of a faculty member as a citizen, invite debate as to whether they are admonitory in nature or postulate standards for dismissal for cause. Since the new Section 38 (d) orients due cause for dismissal to the question of the faculty member's professional competence or responsibility, it is felt that a specific cross-reference in it to Section 39 might tend to confuse, rather than to clarify, and that clarification should occur as an amendment to Section 39 (b) as discussed below. Accordingly, the Committee on General Policy's recommendation to delete the phrase in question was prompted by its conviction that freedoms, protections, responsibilities, and obligations delineated in Section 39 will always be given "due regard" when the conduct of a faculty member is in question, and that a reference to them in Section 38 (d) would serve no constructive purpose.

The language added to the Council's version of Section 38 (d) by the Board of Trustees' action on April 15, 1964, was designed to clarify that conduct clearly demonstrating professional incompetence or irresponsibility may constitute cause for dismissal, whether it occurs in the classroom, laboratory, or elsewhere. It was felt that without the addition of the words "or otherwise to conduct himself" and "conduct," as proposed by the Board's April 15, 1964, action, the paragraph might be interpreted to mean that dismissal proceedings could be initiated only for classroom or laboratory deficiencies that directly relate to the individual's ability to perform within the classroom or research context. As modified, there should be no uncertainty that, consistent with previous statements by the Board of Trustees, extramural activities of a teacher may be of such a nature and of such seriousness as to demonstrate his professional unfitness.

Your Committee views Section 38 (d) as recommended by the Board to be an affirmation of the fact that one who is professionally competent and responsible can rely on security of employment at the University of Illinois, and that the central issue in any dismissal proceeding will remain such professional competency and responsibility, rather than the effect of particular conduct upon the public image of the University.

2. Amendments to Section 39 (b)

As noted above, the action of the Board of Trustees on April 15, 1964, proposed a modification of Section 39 (b), with respect to which no recommendation had been made by the Senate or the Senate Coordinating Council.

Section 39 (b) in the existing Statutes reads:

"(b) In his role as citizen, the faculty member has the same freedoms as other citizens, without institutional censorship or discipline, although he should be mindful that accuracy, forthrightness, and dignity befit his association with the University and his position as a man of learning."

Extended discussions have occurred regarding the nature of the matters a faculty member is to be "mindful" of under existing Section 39 (b). By some they are regarded as ideals of scholarly conduct and expression which 39 (b) admonish a faculty member to strive to achieve. By others they are viewed as standards of professional conduct and expression which the faculty member must observe under pain of University discipline. Contributing to the uncertainty is the fact that, while the old section 39 (b) refers to "institutional censorship or discipline," the University Statutes do not provide for any censorship or discipline other than dismissal for cause.

It was the view of your Committee, confirmed by the Board's action on April 15, 1964, that clarification of Section 39 (b) was in the best interest of the University and its faculty. Accordingly, the following is the text of Section 39 (b) now being transmitted to the Senates for advice:

"(b) In his role as a citizen, the faculty member at the University has the same freedoms as other citizens, but his special position as a member of a learned profession associated with an educational institution carries with it a special obligation to recognize that the public may judge his profession and the University by his conduct or his utterances. When he speaks or writes, a faculty member should be mindful of the admonitions that accuracy, forthrightness, and dignity befit his association with the University and his position as a man of learning. If a faculty member fails to heed these admonitions on an occasion when he is exercising his freedom of speech as a citizen, such failure shall not, of itself, constitute due cause for dismissal but, after consultation with the

Faculty Advisory Committee, the President may take official cognizance of such failure."

It will be observed that the Section has been recast to note the faculty member's institutional identification in the eyes of the public, and to clarify that, when a faculty member is exercising his freedom of speech as a citizen, the provisions relating accuracy, forthrightness, and dignity are admonitory.

As rewritten, Section 39 (b) is believed to provide further definition and assurances of the freedoms enjoyed by a faculty member in his role as a citizen, but it also authorizes the President to take "official cognizance" of such exercises of these freedoms as markedly fail to meet acceptable standards of accuracy, forthrightness, and dignity. For example, the President—after consultation with the Faculty Advisory Committee—might publicly deplore inaccurate, intemperate, undignified, or irresponsible utterances of a faculty member, and emphasize that such views were not to be attributed to the University of Illinois.

The reference to freedom from "institutional censorship or discipline" has been eliminated and has been replaced by an assurance that failure to heed the stated admonitions will not, of itself, constitute due cause for dismissal—the only discipline defined in the remainder of the Statutes. It would be the interpretation of your Committee, however, that persistent and willful failures to observe these admonitions might become a pattern of conduct deemed to violate professional standards to an extent that would indicate the initiation of proceedings for dismissal for due cause under the new Section 38 (d).

3. *Suspension Pending Dismissal*

The new Section 38 (e) (8) in the proposals received from the Senate Coordinating Council sets forth conditions for the suspension of an appointee in connection with contemplated or actual filing of charges for dismissal. The Council version included a statement that an appointee might be suspended "only . . . with pay." President Henry has supported this provision before your Committee, urging strongly that a faculty member's salary be continued until the Board's final disposition of a dismissal proceeding, if possible, even if suspension during the intervening period is considered necessary and justified because of special circumstances. He has stated that, in his judgment, the amount of dollars paid during any suspension period would be relatively insignificant when weighed against the undesirability of requiring a faculty member to prepare his defense against unresolved charges during a time in which he is not receiving his salary. President Henry has further cautioned that, when a suspension without pay is involved, the basic issue of professional responsibility tends to become confused with the lesser issue of compensation.

The Legal Counsel advises, however, that the Illinois constitutional prohibitions against payment of extra compensation and gifts of public funds, the statutory limitations on appropriations for personal services, and the various enactments concerning the suspension of other state employees (either as a disciplinary measure or while dismissal proceedings are pending), all demonstrate the public policy and law of this state to be that suspensions of state employees should be without pay, and that state appropriations for personal services may not be expended as salaries to individuals, including faculty members, who do not have employment status or who do not perform services. In expressing his opinion that, in the absence of permissive legislation, suspensions of state employees with pay would probably not be upheld by the Illinois courts, the Legal Counsel has stated there appear to be no reported Illinois cases squarely deciding the point.

President Henry has suggested that, under these circumstances, it may be advisable for the University Statutes to deal with the subject of suspensions pending dismissal without specifying whether such suspensions are to be with or without pay, thereby providing flexibility of application if future court decisions or legislation provide clarification of the legal question. The Board's April 15, 1964, action, therefore, deletes the words "with pay" from the Council's version of Section 38 (e) (8).

Also, under the Coordinating Council's version of Section 38 (e) (8), suspension was authorized "only under exceptional circumstances." Any instance in which a suspension is being considered can be said to be an "exceptional circumstance" and, since a subjective judgment by the President would be involved in any event, the Board of Trustees' amendments proposed at the April 15, 1964,

meeting substitute, for the "exceptional circumstances" phrase, a provision which would permit suspension "by the President only when he considers such suspension clearly necessary and justified."

It is observed that suspension will not be automatically applied when dismissal charges are being considered or filed and that, in an appropriate case, the President might reassign a faculty member's duties rather than invoke a suspension, on the same theory that permits the Board to take into account the nature of an appointee's intervening services in determining the effective date of a dismissal.

In your Committee's conferences with members of the administrative staff and Senate representatives, there occurred discussions concerning the position of a faculty member who might be suspended without pay and thereafter be exonerated at the hearing on his dismissal charges. The Legal Counsel has pointed out that in those cases where the courts have determined that a suspension has been improperly invoked, it has been held that the suspended employee may recover his unpaid salary for the period he was improperly suspended. Accordingly, the Board has added a new subparagraph (4) to the Council's version of Section 38 (e) (8) under which provision is made for the restoration of salary to a faculty member who might be prevented from performing his duties by reason of a suspension which does not result in a dismissal. Your Committee is not aware of any instance in the history of the University wherein a faculty employee has been deprived of his compensation during a period while dismissal charges against him were unresolved but, even if this should occur in a future case, the amendment to Section 38 (e) proposed by the Board of Trustees would permit the appointee to recover any suspended salary if there is a subsequent determination that due cause for his dismissal did not exist.

In the Coordinating Council's version of Section 38 (e) (8) there was also a technical inconsistency between the time that the President must file charges under Section 38 (e) (1) after consultation with the Faculty Advisory Committee (thirty days) and the time that his suspension order will terminate after consultation with that Committee unless charges are filed (twenty days). To eliminate this inconsistency, and upon the Legal Counsel's advice as to the legality of suspensions with pay pending hearing or discharge, the action of the Board of Trustees on April 15, 1964, proposed that Section 38 (e) (8) of the Coordinating Council's version be altered to read as follows (the matter deleted from Council version shown within brackets with lines through the deletions, and matters added to Council version shown by italics):

"(8) Suspension. An appointee may be suspended ~~[only under exceptional circumstances and with pay]~~ by the President only when he considers such suspension clearly necessary and justified, subject to the following provisions: a) the President may suspend before the filing of any charges only after giving notice to the chairman or, in the absence of the chairman from the University, to some member of the Faculty Advisory Committee that he believes that cause for dismissal may exist; b) if the President suspends after so giving notice to the chairman or some member of the Faculty Advisory Committee, or during consultation with the Faculty Advisory Committee, such suspension shall terminate within ~~[twenty]~~ thirty days after that Committee has made its recommendations to the President unless the President initiates dismissal proceedings by the filing of charges for dismissal within that ~~[twenty]~~ thirty-day period; ~~[and]~~ c) if the President initiates dismissal proceedings by filing charges for dismissal, he may suspend the appointee, or may extend a previous suspension of the appointee, until the termination of those proceedings, or until the effective date of dismissal if the proceedings result in dismissal; and d) if dismissal proceedings are not filed against a faculty member who has been suspended or, if filed, do not result in a dismissal, the faculty member shall be entitled to receive the full amount of his agreed compensation as though no suspension had occurred."

Summary

The Committee on General Policy wishes to express its appreciation for the considerable effort and conscientious attention directed to the proposed revisions of Sections 6, 38, and 39 of the University Statutes by each of the Senates, their respective Committees on Academic Freedom, the Senate Coordinating Council, and the President and other members of the administrative staff. All have con-

tributed materially to the development of what your Committee views as a major improvement in the formal expression of standards and procedures in the fortunately rare situation where there may appear to be due cause for dismissal of a faculty member, or where a faculty member may have so far departed from the canons of accuracy, forthrightness, and dignity as to justify the taking of official cognizance thereof by the President.

The Trustees are acutely aware of their position of public trust and their obligation to discharge faithfully their duty to maintain the University's position of leadership in the field of higher education. They have in the past and will continue in the future to support responsible exercise of academic freedom by the faculty, and duly recognize its importance as a factor in achieving and maintaining the status the University now enjoys. It does the public no service if responsible thought and inquiry are stultified or suppressed at a university by a possibility that expressions of an unpopular position may result in an arbitrary or capricious dismissal, and the proposed Statutes are further guarantees that such will not occur at the University of Illinois. At the same time, in the view of your Committee the Statutes as proposed will also afford the University adequate protection against unprofessional conduct.

During your Committee's deliberations there were discussions of the fact that the University Statutes do not refer to any form of "institutional discipline" in relation to the academic staff other than dismissal for due cause as defined in Section 38 (d) [the official cognizance authorized in proposed Section 39 (b) is not considered to be a form of discipline]. It was observed that the omission of reference to lesser degrees of discipline might be misinterpreted as meaning that the Trustees were not concerned about negligence, inefficiency, or irresponsibility in lesser degrees than those deemed to be due cause for dismissal under Section 38 (d). Such is not the case, but since these matters were not dealt with in the Coordinating Council's proposals, and since complete involvement of the Senates in discussions on these points would be essential, your Committee concluded that any attempt to develop formal provisions concerning lesser offenses and sanctions short of dismissal would unduly delay final action on the statutory revisions already considered by the Senates. It is suggested, however, that at an appropriate time the Board or the Senates might well consider whether or not these matters should become the subject of further statutory revisions.

On motion of Mrs. Watkins, this report was adopted, without dissent.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
ROBERT SEABORN HOLMES	Milwaukee, Wisconsin	Wisconsin
JAMES LOUIS KATZ	Niles, Illinois	Wisconsin
WILLIAM WILFRED WERNER	Downers Grove, Illinois	Michigan

I concur.

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

APPOINTMENTS TO THE FACULTY

(2) 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.

1. **ARNOLD M. BARBAN**, Assistant Professor of Advertising, in the College of Journalism and Communications, beginning September 1, 1964, at an annual salary of \$9,000.
2. **WILLIAM W. BARTLEY III**, Visiting Associate Professor of Philosophy, for the 1964 Summer Session, at a salary of \$2,550.

3. WILLIAM D. BIGGS, Visiting Professor of Metallurgy and of Civil Engineering, for four and one-half months from February 1, 1965, at a salary of \$6,000.
4. MARVIN P. BRYANT, Associate Professor of Bacteriology, in the Department of Dairy Science, beginning September 1, 1964, at an annual salary of \$14,500.
5. JACKSON J. CAMPBELL, Professor of English, beginning September 1, 1964, at an annual salary of \$15,000.
6. LAURA H. CHAPMAN, Assistant Professor of Art, beginning September 1, 1964, at an annual salary of \$7,500.
7. EDMOND R. COLE, Research Assistant Professor of Biochemistry, in the Department of Surgery, beginning April 1, 1964, without salary.
8. ROBERT M. CRANE, Assistant to Vice-President, Chicago Undergraduate Division, beginning September 1, 1964, at an annual salary of \$14,500.
9. GEORGE O. DE TARNOWSKY, Clinical Assistant Professor of Surgery, beginning May 1, 1964, without salary.
10. GEORGE C. FENG, Assistant Professor of Civil Engineering, beginning September 1, 1964, at an annual salary of \$7,500.
11. JOHN B. HANEY, Associate Director, with rank of Associate Professor, Office of Instructional Resources, Chicago Undergraduate Division, beginning July 20, 1964, at an annual salary of \$14,500.
12. BRUCE HARKNESS, Associate Dean of the College of Liberal Arts and Sciences and Professor of English, beginning June 15, 1964, at an annual salary of \$18,000.
13. JAMES E. HEATH, Assistant Professor of Physiology and Biophysics, for two months from June 16, 1964, at a salary of \$1,778; and beginning September 1, 1964, at an annual salary of \$8,000.
14. EDWARD R. HOLLEY, JR., Assistant Professor of Civil Engineering, beginning September 1, 1964, at an annual salary of \$8,100.
15. KENNETH I. HOWARD, Clinical Assistant Professor of Psychology, in the Department of Psychiatry, College of Medicine, beginning April 1, 1964, without salary.
16. ALBERT KASPIN, Associate Professor of Slavic Languages and Literatures, beginning September 1, 1964, at an annual salary of \$11,000.
17. VERNITA M. KAY, Associate Professor of Nursing, beginning September 1, 1964, at an annual salary of \$10,300.
18. HOWARD F. KOEPER, Associate Professor of Architecture, Chicago Undergraduate Division, beginning September 1, 1964, at an annual salary of \$11,000.
19. EBERHARD F. KRIMMEL, Research Assistant Professor of Physics, beginning September 1, 1964, at an annual salary of \$9,000.
20. RALPH J. LANGSJOEN, Assistant Professor of Hygiene and Staff Physician in the Health Service and McKinley Hospital, beginning July 1, 1964, at an annual salary of \$15,000.
21. DAVID W. LEVINSON, Professor of Metallurgy, Department of Materials and Mechanics, College of Engineering, Chicago Undergraduate Division, beginning September 1, 1964, at an annual salary of \$15,750.
22. PETER B. MAGGS, Assistant Professor of Law, beginning September 1, 1964, at an annual salary of \$10,500.
23. WILLIAM H. C. MAXWELL, Assistant Professor of Civil Engineering, beginning September 1, 1964, at an annual salary of \$7,800.
24. BOLESŁAW MAZUR, Associate Professor of Fixed and Partial Prosthodontics, College of Dentistry, beginning September 1, 1964, at an annual salary of \$11,200.
25. N. NORBY NIELSEN, Assistant Professor of Civil Engineering, beginning September 1, 1964, at an annual salary of \$9,000.
26. HUGH O. NOURSE, Associate Professor of Economics, in the Department of Economics and in the Bureau of Economic and Business Research, beginning August 1, 1964, at an annual salary of \$12,750.
27. JEFFREY O'CONNELL, Associate Professor of Law, beginning September 1, 1964, at an annual salary of \$15,000.
28. GIULIANO PETERGNANI, Research Assistant Professor of Physics, beginning September 1, 1964, at an annual salary of \$9,000.

29. MARY ELIZABETH REEVES, Dean of Women, Medical Center, and Assistant Professor of Psychology, College of Pharmacy, beginning September 1, 1964, at an annual salary of \$11,000.
30. ROBERT C. RETHERFORD, Professor of Physics, beginning September 1, 1964, at an annual salary of \$14,500.
31. FLORENCE E. SHERBON, Associate Professor of Nursing, beginning September 1, 1964, at an annual salary of \$15,000.
32. PETER SUEDFELD, Visiting Assistant Professor of Psychology, for one year from September 1, 1964, at a salary of \$8,250.
33. GEORGE W. SUMMERS, Associate Professor of Business Administration, beginning September 1, 1964, at an annual salary of \$12,000.
34. IRVING THALBERG, Assistant Professor of Philosophy, Chicago Undergraduate Division, for the second semester of 1964-65, at a salary of \$4,500.
35. MYRON URETSKY, Assistant Professor of Accountancy, beginning September 1, 1964, at an annual salary of \$9,000.
36. HARRY G. WENZEL, JR., Assistant Professor of Civil Engineering, beginning September 1, 1964, at an annual salary of \$7,800.
37. KENNETH M. YOSS, Professor of Astronomy, beginning September 1, 1964, at an annual salary of \$13,000.

Appointments of Noncitizens to Indefinite Tenure Positions

The following recommendations for appointments on indefinite tenure of non-citizens were reviewed by a committee consisting of the Executive Vice-President and Provost, the Acting Dean of the Graduate College, and the dean of the college concerned in accordance with the policy and procedure authorized by the Board of Trustees for consideration of such appointments. The Committee has concurred in the recommendations.

38. ALEXANDRA IONESCU TULCEA, Associate Professor of Mathematics, beginning September 1, 1964, at an annual salary of \$10,000.
39. CASSIUS IONESCU TULCEA, Professor of Mathematics, beginning September 1, 1964, at an annual salary of \$15,000.
40. MANFRED E. REICHMANN, Professor of Botany, beginning September 1, 1964, at an annual salary of \$15,500.

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

DIRECTOR OF THE PHYSICAL ENVIRONMENT UNIT

(3) The Deans of the Colleges of Engineering and of Liberal Arts and Sciences, and the Acting Dean of the Graduate College, recommend the appointment of Dr. Bruce A. Hertig as Associate Professor in the Department of Mechanical and Industrial Engineering on one-half time and in the Department of Physiology and Biophysics on one-half time, and Director of the Physical Environment Unit in the Graduate College, for one year from September 1, 1964, at a salary of \$12,000 on a twelve-month service basis. The Executive Vice-President and Provost concurs.

This appointment is to fill the vacancy which will be created by the retirement on September 1, 1964, of Professor M. K. Fahnestock.

I recommend approval.

On motion of Mrs. Watkins, this appointment was approved.

CHAIRMANSHIP OF DEPARTMENT OF ZOOLOGY

(4) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Professor Paul Silverman as Chairman of the Department of Zoology beginning July 1, 1964, and continuing through August 31, 1965.

This appointment is to fill the unexpired term of Professor James B. Kitzmiller, who has been serving as Chairman of the Department since 1957 and who has asked to be relieved of the administrative duties as Chairman.

The recommendation has been submitted after consultation with the members of the Department of Zoology of professorial rank, the Executive Committee of the Department, and the Director of the School of Life Sciences. The Acting Dean of the Graduate College and the Executive Vice-President and Provost also concur.

I recommend approval.

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

ACADEMIC DEPARTMENTS AT CHICAGO UNDERGRADUATE DIVISION

(5) In approving the expansion of the educational program at the Chicago Undergraduate Division, the Board authorized the establishment of six major administrative units: Colleges of Liberal Arts and Sciences, Engineering, Commerce and Business Administration (later changed to Business Administration), Fine and Applied Arts (later changed to Architecture and Art); and the Divisions of Education and Physical Education. The Board also authorized the establishment of departments within the four colleges, to be designated later.

The Chicago Undergraduate Division Senate has recommended, the Vice-President for the Division and the Executive Vice-President and Provost concurring therein, the designation of the following departments:

College of Liberal Arts and Sciences: Biological Sciences, Chemistry, English, French, Geography, Geology, German, History, Mathematics, Music, Philosophy, Political Science, Psychology, Russian Languages, Sociology and Anthropology, Spanish, and Speech and Theatre.

College of Engineering: Energy Engineering, Information Engineering, Materials and Mechanics, Physics, and Systems Analysis and Design.

College of Business Administration: no departmental organization, but with areas of concentration in Accounting, Economics, Finance, Management, and Marketing.

College of Architecture and Art: Architecture, Art.

Some of these departments have already been formally designated by the Board in approving appointments to headships or chairmanships but they are being reported here as a complete presentation for the record.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I recommend approval.

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

**HEADSHIP OF THE DEPARTMENT OF BIOLOGICAL SCIENCES,
CHICAGO UNDERGRADUATE DIVISION**

(6) The Dean of the College of Liberal Arts and Sciences and the Vice-President for the Chicago Undergraduate Division recommend the appointment of Dr. John O. Corliss, presently Professor of Zoology at Urbana, as Professor of Biological Sciences on indefinite tenure and Head of the Department of Biological Sciences in the College of Liberal Arts and Sciences at the Chicago Undergraduate Division beginning September 1, 1964, at an annual salary of \$17,000 on an academic year service basis.

The Acting Dean of the Graduate College and the Executive Vice-President and Provost concur.

I recommend approval.

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

**HEADSHIP OF THE DEPARTMENT OF GEOGRAPHY,
CHICAGO UNDERGRADUATE DIVISION**

(7) The Dean of the College of Liberal Arts and Sciences and the Vice-President for the Chicago Undergraduate Division recommend the appointment of Dr. Alden D. Cutshall, presently Professor of Geography in the Division of Social Sciences, as Professor of Geography on indefinite tenure and Head of the Department of Geography at the Chicago Undergraduate Division beginning September 1, 1964, at an annual salary of \$15,000 on an academic year service basis.

The Acting Dean of the Graduate College and the Executive Vice-President and Provost concur.

I recommend approval.

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

**HEADSHIP OF THE DEPARTMENT OF GERMAN,
CHICAGO UNDERGRADUATE DIVISION**

(8) The Dean of the College of Liberal Arts and Sciences and the Vice-President for the Chicago Undergraduate Division recommend the appointment of Dr.

Daniel C. McCluney, Jr., presently Associate Professor of German Languages and Literatures at Stanford University, as Professor of German on indefinite tenure and Head of the Department of German in the College of Liberal Arts and Sciences at the Chicago Undergraduate Division beginning September 1, 1964, at an annual salary of \$14,000 on an academic year service basis.

The Acting Dean of the Graduate College and the Executive Vice-President and Provost concur.

I recommend approval.

On motion of Mrs. Watkins, this appointment was approved.

**HEADSHIP OF THE DEPARTMENT OF MUSIC,
CHICAGO UNDERGRADUATE DIVISION**

(9) The Dean of the College of Liberal Arts and Sciences and the Vice-President for the Chicago Undergraduate Division recommend the appointment of Edwin R. Fissinger, presently Assistant Professor of Music in the Division of Humanities, as Assistant Professor of Music and Head of the Department of Music in the College of Liberal Arts and Sciences at the Chicago Undergraduate Division for one year from September 1, 1964, at a salary of \$10,000 on an academic year service basis.

The Acting Dean of the Graduate College and the Executive Vice-President and Provost concur.

I recommend approval.

On motion of Mrs. Watkins, this appointment was approved.

**HEADSHIP OF THE DEPARTMENT OF POLITICAL SCIENCE,
CHICAGO UNDERGRADUATE DIVISION**

(10) The Dean of the College of Liberal Arts and Sciences and the Vice-President for the Chicago Undergraduate Division recommend the appointment of Dr. Hollis W. Barber, presently Professor of Political Science, as Professor of Political Science on indefinite tenure and Head of the Department of Political Science in the College of Liberal Arts and Sciences at the Chicago Undergraduate Division beginning September 1, 1964, at an annual salary of \$15,000 on an academic year service basis.

The Acting Dean of the Graduate College and the Executive Vice-President and Provost concur.

I recommend approval.

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

**HEADSHIP OF THE DEPARTMENT OF PSYCHOLOGY,
CHICAGO UNDERGRADUATE DIVISION**

(11) The Dean of the College of Liberal Arts and Sciences and the Vice-President for the Chicago Undergraduate Division recommend the appointment of Dr. Isadore E. Farber, presently Professor of Psychology at the State University of Iowa, as Professor of Psychology on indefinite tenure and Head of the Department of Psychology at the Chicago Undergraduate Division beginning September 1, 1964, at an annual salary of \$18,000 on an academic year service basis.

The Acting Dean of the Graduate College and the Executive Vice-President and Provost concur.

I recommend approval.

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

**HEADSHIP OF THE DEPARTMENT OF MATERIALS AND MECHANICS,
CHICAGO UNDERGRADUATE DIVISION**

(12) The Dean of the College of Engineering and the Vice-President for the Chicago Undergraduate Division recommend the appointment of Dr. Ernest F. Masur, presently Professor of Engineering Mechanics at the University of Michigan, as Professor of Materials and Mechanics on indefinite tenure and Head of the Department in the College of Engineering at the Chicago Undergraduate Division beginning September 1, 1964, at an annual salary of \$16,000 on an academic year service basis.

This recommendation is submitted after consultation with all senior staff in the materials and mechanics area of the College and is concurred in by the Executive Vice-President and Provost and the Acting Dean of the Graduate College.

I recommend approval.

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

SABBATICAL LEAVES OF ABSENCE, 1964-65

(13) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1964-65 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the periods indicated. This recommendation is supplementary to the applications recommended to the Board of Trustees on March 18, 1964.

MARVIN STIPPES, Professor of Theoretical and Applied Mechanics, first semester, full pay.

RICHARD B. SELANDER, Associate Professor of Entomology, first semester, full pay; leave contingent upon receipt of supplementary financial aid.

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

CENTER FOR ASIAN STUDIES

(14) The Dean and the faculty of the College of Liberal Arts and Sciences and the Executive Committee of the Division of Social Sciences recommend that there be established in the College a Center for Asian Studies to implement a program previously established for which funds have been provided in state appropriations for the current biennium (1963-65) and for further support of which the University has received a grant from the Ford Foundation covering a period of five years.

A supporting, definitive statement about the organization and functions of this Center is submitted herewith and a copy is being filed with the Secretary of the Board for record.

The Acting Dean of the Graduate College and the Executive Vice-President and Provost concur.

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

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

ADMISSION REQUIREMENTS IN ART

(15) The Urbana-Champaign Senate has recommended the following proposal from the College of Fine and Applied Arts for a change in the requirements for admission to the curriculum in art: All students entering the University after June 1, 1965, to proceed at the junior level in any art curriculum (registered at junior level art courses) must have earned a cumulative average of at least 3.25 for all university work, based on the grading system of the University of Illinois.

This change is necessary to control enrollments in the curriculum in the Department of Art and the proposed change is directed primarily to transfer students. A program of limitations of the number of freshmen admissions is already in effect and has, in general, proved satisfactory.

The proposal was previously concurred in by the All-University Committee on Admissions and has also been approved by the Chicago Undergraduate Division Senate.

I recommend approval.

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

CURRICULUM IN MILITARY SCIENCE

(16) The Urbana-Champaign Senate recommends approval of a military science curriculum which has been set up to meet the requirements of a voluntary

Reserve Officers' Training Corps program, eliminating branch material subjects and substituting a general military science program. This revised curriculum is necessary if the voluntary program is to succeed, because, in order to interest the students, it must provide realism, challenge (both intellectually and physically), and incentive. It is important the maximum credit be offered towards satisfying the requirements for a baccalaureate degree by substitution of non-military University courses for military courses.

A complete statement of the United States Army military science curriculum and the courses to be included has been filed with the Secretary of the Board for record.

This proposal is submitted with the concurrence of the Department of the Army, an *ad hoc* Committee on Implementation of Voluntary Reserve Officers' Training Corps and Coordination of Related Actions, and of the Committee on Military Affairs.

I recommend approval.

On motion of Mr. Hughes, this revised curriculum was authorized.

CURRICULUM IN ORTHOPAEDIC SURGERY

(17) The Medical Center Senate recommends authorization of a curriculum in orthopaedics leading to the degree of Master of Science. This program will provide advanced training in scientific investigation and teaching for students preparing for careers in teaching and research and will provide the degree candidate with opportunities beyond those available to residents in training for specialties. The degree requirements are:

Prerequisites will include the degree of Doctor of Medicine and at least one year of internship.

The candidate must also meet the general requirements for admission to the Graduate College.

Nine units of graduate work, including a minimum of one unit in a graduate course in a related basic science discipline.

Attendance at one seminar per quarter for three quarters in one of the basic sciences, including anatomy, biological chemistry, microbiology, pathology, physiology, public health, biometrics and statistics, and pharmacology.

Attendance at Department of Orthopaedic Surgery seminar during the entire period of graduate study.

A thesis conforming to Graduate College requirements.

A supporting document from the Medical Center Senate descriptive of the program and giving the details of the courses included is being filed with the Secretary of the Board for record.

The Acting Dean of the Graduate College and the Executive Vice-President and Provost concur.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

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

On motion of Mrs. Watkins, this recommendation was approved.

CHICAGO UNDERGRADUATE DIVISION HEALTH SERVICE COURSES AND STAFF

(18) The Director of the Health Service at the Chicago Undergraduate Division has recommended that the names of the courses offered by the medical staff of the Health Service there and the professorial titles of the staff be changed from "Hygiene" to "Health Science."

With the concurrence of the Director of the Health Services and other administrative officers concerned, this change has been approved for all campuses and is reported for record.

This report was received for record.

SUMMER SPEECH CLINICS

(19) The Director of the Division of Services for Crippled Children and the Vice-President for the Medical Center recommend that the Division be author-

ized to continue speech clinics during the summer of 1964 at the following institutions of higher education in Illinois on a reimbursable cost basis:

	<i>Estimated Cost</i>
Augustana College, Rock Island.....	\$11 961 00
Northern Illinois University, DeKalb.....	14 844 00
Southern Illinois University, Carbondale.....	10 585 00
Illinois State University, Normal.....	13 316 33
	<u>\$50 706 33</u>
A similar clinic at the University of Illinois at Urbana.....	\$14 361 00

Funds are available in the budget of the Division of Services for Crippled Children.

I concur.

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

CHICAGO CIRCLE

(20) The city of Chicago on April 17, 1964, adopted the following ordinance:

Be It Ordained by the City Council of the City of Chicago:

SECTION 1. The name by which the interchange between John Fitzgerald Kennedy Expressway, Dwight D. Eisenhower Expressway, and Dan Ryan Expressway shall be known as "Chicago Circle."

SECTION 2. The Commissioner of the Department of Streets and Sanitation is authorized and directed to place the proper signs bearing the name set forth in Section 1 at said interchange.

SECTION 3. This ordinance shall take effect upon its passage.

Alderman Keane moved to *Suspend the Rules Temporarily* to permit immediate consideration of and action on the foregoing proposed ordinance. The motion *Prevailed*.

Alderman Keane moved to *Pass* the proposed ordinance. The motion *Prevailed*, by yeas and nays as follows:

Yeas—Alderman Parrillo, Metcalfe, Holman, Despres, Miller, Bohling, Condon, Lupo, Buchanan, Danaher, Zelezinski, Healy, J. P. Burke, Krska, Sheridan, Chew, Murray, Fitzpatrick, Campbell, Yaksic, Janousek, Tourek, Collins, Marzullo, Zydlo, Sain, Tomaso, T. F. Burke, Ronan Keane, Brandt, Sande, Laskowski, Massey, Cullerton, Shapiro, Kaplan, Scholl, Goldberg, Bauler, Rosenberg, Fihelski, Kerwin, O'Rourke, Wigoda, Sperling—46.

Nays—None.

In view of this official change in name of the intersection of the three expressways, I recommend the Board of Trustees change the name of the new campus for the University of Illinois now under construction at Congress Circle to the "University of Illinois at Chicago Circle."

On motion of Mr. Dilliard, this change in name was approved.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(21) The Committee on Nonrecurring Appropriations, the Executive Vice-President and Provost, and the Vice-President and Comptroller recommend the following appropriations from the University General Reserve:

Urbana-Champaign

- College of Engineering
Department of Civil Engineering, equipment, to match a grant from the National Science Foundation for research in analytical photogrammetry \$ 5 000
- College of Journalism and Communications
WILL Radio Station, equipment..... 34 741
- Physical Plant Department
Resurfacing two tennis courts at Romine Street and University Avenue..... 4 980
Resurfacing the indoor track in the Men's Old Gymnasium Balcony.. 2 670
Remodeling for and installation of transmitting equipment for WILL Radio Station 13 300

4. College of Liberal Arts and Sciences:

School of Life Sciences, equipment, to match a grant from the National Science Foundation for undergraduate instruction in biology	20 000
Department of Chemistry and Chemical Engineering, equipment, to match a grant from the National Science Foundation for undergraduate instruction	33 000
Department of Geology, equipment, to match a grant from the National Science Foundation for undergraduate instruction	39 470
Total	\$153 161

I concur.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Page, Mr. Williamson.

AWARD OF CONTRACTS FOR CONSTRUCTION OF COORDINATED SCIENCES LABORATORY BUILDING, PHASE II

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for construction of Phase II of the Coordinated Science Laboratory Building, the award in each case to the lowest bidder:

General — Johnson, Drake, and Piper, Incorporated, Terre Haute, Indiana	\$251 000
Base bid	\$239 000
Additive alternates:	
Service charge for assignment of other contracts to the general contractor	4 100
Increasing depth of basement	2 200
Wood block flooring in machine shops	1 600
Retaining wall along walk	1 900
Replacing and widening present brick and concrete walk ..	2 200
Electrical — Square Deal Electrical Contracting, Inc., Urbana	58 678
Base bid	\$ 62 900
Alternate for increasing depth of basement	no change
Deductive alternate for furnishing and installing fused secondary distribution section in unit substation in lieu of breakers	—4 222
Plumbing — Reliable Plumbing and Heating Company, Champaign	26 740
Base bid	\$ 26 315
Increasing depth of basement	150
Constructing manhole at sewer connection	275
Heating and Air Conditioning — Reliable Plumbing and Heating Company, Champaign	47 640
Base bid	\$ 47 640
Alternate for increasing depth of basement	no change
Ventilating — R. H. Bishop, Company, Champaign	14 934
Base bid	\$ 14 934
Alternate for increasing depth of basement	no change
Total	\$398 992

It is recommended that a combined contract be awarded to Reliable Plumbing and Heating Company, Champaign, in the amount of \$74,380, being the total of the amounts bid by that Company on the plumbing and the heating and air-conditioning work.

It is also recommended that all contracts other than the general contract be assigned to the contractor for general work, making the total of his contract \$398,992; and it is further recommended that an agreement be entered into with Johnson, Drake, and Piper, Incorporated, Terre Haute, Indiana, for the assignment of these other contracts for \$4,100 which amount is included in the contract price, being the amount bid by that company for service charge for supervision of other contracts assigned to the general contractor.

Funds are available from the Research Contracts Reserve.

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of all bids received, copies of which are being filed with the Secretary of the Board for record.

I concur in these recommendations.

On motion of Mr. Pogue, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Page, Mr. Williamson.

CONTRACTS FOR CONSTRUCTION OF PARKING LOTS FOR COMMERCE AND EDUCATION BUILDINGS

(23) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$17,600, the base bid plus all alternates, to Champaign Asphalt Company, Champaign, the lowest bidder, for construction of two parking lots, with a capacity of eighty-seven cars, in vacant areas south and east of the new buildings for the College of Commerce and Business Administration and the College of Education.

Funds are available in the construction budgets for these buildings.

I concur.

On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Page, Mr. Williamson.

CONTRACT FOR REROOFING ALLERTON HOUSE

(24) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$28,120, the base bid, plus an alternate for new lightning protection, to Lloyd Hitchins, an individual doing business as Hitchins Roofing Company, Urbana, the lowest bidder, for reroofing the slate areas of Allerton House.

Funds are available in the Allerton House maintenance account.

I concur.

On motion of Mr. Hughes, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Page, Mr. Williamson.

CONTRACTS FOR IMPROVEMENTS TO AGRICULTURE LIBRARY IN MUMFORD HALL

(25) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for remodeling the Agriculture Library in Mumford Hall which will provide for expansion and other improvements, the award in each case being to the lowest bidder:

General—C. A. Petry and Sons, Inc., Champaign.....	\$10 065
Base bid	\$8 590
Additive alternates:	
For service charge for assignment of other contracts for supervision	500
Installation of vinyl asbestos floor covering in Rooms 127 and 128	975
Electrical—Square Deal Electrical Contracting, Inc., Urbana.....	3 800
Piping and Refrigeration—Petry Roofing and Sheet Metal Company, Champaign	4 725
Total	\$18 590

It is also recommended that all contracts, other than the general contract, be assigned to the contractor for general work making the total of his contract \$18,590; and it is further recommended that an agreement be entered into with C. A. Petry and Sons, Inc., for the assignment of these other contracts for \$500,

which amount is included in the contract price, being the amount bid by that firm for service charge for supervision of other contracts assigned to the general contractor.

In addition to the construction contracts, the total costs include purchase of book shelves, and architectural and engineering fees. The Committee on Non-recurring Appropriations recommends that the Board authorize the assignment of \$40,000 for this work from the University's General Reserve.

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of all bids received, copies of which are being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Hughes, these contracts were awarded, as recommended, and the request for the assignment of funds was approved, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Page, Mr. Williamson.

CONTRACT FOR PARTICLE ACCELERATOR FOR MATERIALS RESEARCH LABORATORY

(26) The Director of the Physical Plant and the Vice-President and Comptroller recommend purchase of a particle accelerator for the Materials Research Laboratory from the High Voltage Engineering Corporation, Burlington, Massachusetts, the lowest bidder, at a cost of \$210,815. The purchase price will include:

Basic accelerator	\$138 035
Beam spreading lens system.....	8 600
Beam switching system.....	42 000
Beam pulsing system.....	20 000
X-ray target	2 180
<i>Total</i>	<i>\$210 815</i>

Funds are available in the contract budget. Award of the contract is subject to the approval of the Atomic Energy Commission.

I concur.

On motion of Mr. Dilliard, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Page, Mr. Williamson.

CONTRACT FOR PATHOLOGICAL INCINERATOR IN MEDICAL RESEARCH LABORATORY

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$12,120 to the C. O. Henriksen Company, Chicago, the lowest bidder, for a new pathological incinerator in the Medical Research Laboratory at the Medical Center.

The work will include removing the present pathological incinerator, which has deteriorated from heavy usage, and replacing it with a new 300 pound/hour incinerator with fully automatic controls.

Funds are available in the Physical Plant Department budget.

I concur.

On motion of Mr. Swain, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Page, Mr. Williamson.

CONTRACT FOR WEATHERPROOFING ROOF DECK AT RESEARCH AND EDUCATIONAL HOSPITALS

(28) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$2,825 to the Consumers Roofing and Insulating Company, Chicago, the lowest bidder, for roof deck weatherproofing at the Research and Educational Hospitals.

The work will consist of weatherproofing an existing tar and gravel roof and a portion of promenade tile roof in one area to remedy leakage.

Funds for this work are available from the Physical Plant Department budget.

The project was advertised in the "Illinois State Register."

I concur.

On motion of Mr. Pogue, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Page, Mr. Williamson.

CONTRACT FOR LABORATORY EQUIPMENT FOR RESEARCH AND EDUCATIONAL HOSPITALS ADDITION

(29) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$4,621.76 to the Kewaunee Manufacturing Company, Evanston, Illinois, the lowest bidder, for furnishing and setting in place laboratory equipment in Room 1212 in the Research and Educational Hospitals Addition.

The work will include converting an existing office area into a research laboratory for staff and students in the Department of Pediatrics.

Funds are available from Contract Research Reserve-Department.

I concur.

On motion of Mr. Swain, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Page, Mr. Williamson.

CONTRACT FOR ELECTRICAL SERVICE TO CENTRAL NATIONAL BANK BUILDING AT CHICAGO CIRCLE

(30) The University is purchasing the Central National Bank at 728 West Roosevelt Road, on or about July 1, 1964. This building will require separate electrical service from the Commonwealth Edison Company, since it is not economical to run service from the heating plant. Commonwealth Edison will supply electricity at the bank building at 2.16KV transformed to 120/240 volts and 2.74KV transformed to 240 volts, at a monthly facilities rental service charge of \$71.00 plus excess metering charges for a combined billing at a monthly rental of \$46.20. The nonrecurring cost for excess facilities to supply electricity at a second point is \$4,274. It is estimated that the savings effected by combined billing will amortize the excess facilities cost of \$4,274 in one year's time.

The Director of the Physical Plant and the Vice-President and Comptroller therefore recommend authorization of an agreement with Commonwealth Edison Company, Chicago, for the electrical service at the new Chicago Campus, and that the University pay Commonwealth Edison Company the standard excess facility charges of \$4,274.

Funds are available in the state capital appropriations to the University for 1963-65 from the Universities Building Fund and have been released.

I concur.

On motion of Mrs. Watkins, this agreement was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Page, Mr. Williamson.

MAJOR STREET AND HIGHWAY PLAN FOR THE CHAMPAIGN-URBANA AREA

(31) The Board of Trustees has approved in principle a Major Street and Highway Plan for the Champaign-Urbana area and authorized the University's participation in the planning organization required by the Federal Aid Highway Act of 1962.

The Illinois Division of Highways has now requested each agency involved

in this improvement program to adopt a formal resolution authorizing participation therein.

A resolution prepared by the Division is submitted herewith. I recommend that: the Board adopt the said resolution, and that the Secretary of the Board be authorized to issue certified copies of said resolution to such public agencies and other parties as may require the same, and to file a certified copy with his record of the minutes of today's meeting.

On motion of Mr. Pogue, this recommendation was approved, and the resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Page, Mr. Williamson.

EMPLOYMENT OF ENGINEERS

(32) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of Sargent and Lundy, Consulting Engineers, Chicago, at a cost not to exceed \$10,000, for analyzing the economics of purchase versus generation of power and steam for the University at Urbana-Champaign.

Funds are available for this study.

The Committee on Buildings and Grounds also recommends approval.

I concur.

On motion of Mr. Pogue, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Page, Mr. Williamson.

ADDITION TO CONTRACT FOR CONSTRUCTION OF EAST CHEMISTRY, FIRST ADDITION

(33) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$5,191.79 in the contract with Kuhne-Simmons Company, Inc., Champaign, for construction of the East Chemistry Building Addition to provide for the elimination of inverted syphons in the storm drainage system and provision of a gravity flow system.

Funds are available in the construction budget.

I concur.

On motion of Mr. Hughes, this change in contract was authorized.

ADDITION TO CONTRACT FOR CONSTRUCTION OF THE CHICAGO CIRCLE CAMPUS

(34) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$13,236.01 in the contract with Gust K. Newburg Construction Company, Chicago, for modifications of the closed circuit television and communications systems at Chicago Circle.

Funds are available in the construction budget.

I concur.

On motion of Mr. Swain, this change in contract was authorized.

ADDITIONS TO CONTRACTS FOR CONSTRUCTION OF CHICAGO CIRCLE UNION BUILDING

(35) The Director of the Physical Plant and the Vice-President and Comptroller recommend increases in contracts for the construction of a Student Union Building at Chicago Circle to provide for extensions of utilities services to the two adjacent Hull House Buildings:

Power Construction, Inc., Oak Park.....	\$ 793 04
Frank S. Bellis, Berwyn.....	15 460 94
Hoffman Electric Company, Chicago.....	399 95
<i>Total</i>	<u>\$16 653 93</u>

The architects for the restoration of Hull House investigated ways and means of providing the necessary services and found that the most economical would be from the Student Union, the closest source to the campus system.

The architects for the Union Building and for Hull House state that the contractors' proposed charges for the work involved are reasonable.
I concur.

On motion of Mrs. Watkins, these contract changes were authorized.

INCREASED INTERCITY TELEPHONE FACILITIES

(36) The University now has eight WATS (Wide Area Telephone Service) lines at Urbana and two WATS lines at Chicago serving both the Navy Pier and the Medical Center. These lines permit a call to be made to any point in the state without incurring a toll charge. Each day an average of over 800 calls from Urbana and 200 calls from Chicago are made over these ten WATS lines. However, only 25 per cent of all attempts to secure a line succeed on the first try, indicating that the number of lines are not adequate to handle the traffic demand. As a result, toll calls are being made around the WATS lines resulting in monthly toll charges of \$1,400 in Urbana and \$450 in Chicago.

The Telephone Company has recently made available a new service — TELPAK — which, in brief, is a sharing of channels of communication by public agencies. The state of Illinois is a heavy user of TELPAK and has unused channels which are available to the University. As a result, it is possible to install tie lines between certain points at a cost much lower than under any previous rate schedule.

The Telephone Company has analyzed the calls made over the WATS lines with particular attention to their point of termination, and it is the opinion of its staff that the University's intercity communication service would be greatly improved by eliminating three of the eight WATS lines at Urbana and installing seven tie lines between Urbana and Chicago and three tie lines between Urbana and Springfield. (While the number of calls to Springfield is not proportionately large enough to warrant three lines, the duration of these calls is three to four times that of calls to other points.)

The Telephone Company's proposal would result in the University having seventeen intercity communication paths available at one time as compared with ten at the present time. The proposal also provides for an additional tie line between Navy Pier and the Medical Center. In terms of fixed rental charges, the proposed service would not cost as much as the present WATS lines. However, calls to Chicago over the tie lines result in message unit charges of $4\frac{3}{4}$ cents per call. On the basis of the present number of calls to Chicago, the total cost of the proposed service would be the same, or slightly lower, than the present ten WATS lines. However, there would be a one-time installation charge of \$300.

The proposal has been discussed with representatives of all campuses who recommend that the Illinois Bell Telephone Company be authorized to eliminate three of the present eight WATS lines at Urbana; and to install seven tie lines between Urbana and Chicago, three tie lines between Urbana and Springfield, and one additional tie line between Navy Pier and the Medical Center.

This proposal was submitted by the Vice-President and Comptroller.

On motion of Mrs. Watkins, this recommendation was approved.
Mr. Hughes asked to be recorded as not voting.

CITATION FOR LENOX R. LOHR

(37) I recommend the conferring of a Trustees Citation on Major Lenox R. Lohr, President of the Museum of Science and Industry of Chicago, in recognition of his many public services, and particularly his services to the University of Illinois as Chairman for many years of the Citizens Committee, and more recently as Chairman of the Committee on the Jane Addams Memorial Fund campaign. An appropriate occasion for the conferring of the Citation would be the biennial meeting of the Citizens Committee to be held at Urbana on May 21.

On motion of Mr. Swain, this recommendation was approved. The Citation which was presented to Major Lohr on the following day is as follows:

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

To LENOX R. LOHR

In Recognition of Distinguished Public Service

The City of Chicago, the State of Illinois, and the Nation are the beneficiaries of his talents for the popular communication of knowledge, of his intense devotion to civic improvement, and of his capacity for leadership in achieving the tasks undertaken.

Highlights of his career include distinguished service as an Army Officer in World War I and in the Corps of Engineers for several years thereafter; skillful organization and expert management of "A Century of Progress International Exposition," the Chicago World's Fair of 1933-1934; President of the National Broadcasting Company from 1935 to 1940; Director of the Illinois Civil Defense Agency, 1950 to 1953; President of the Chicago Railroad Fair, a masterly pageant of the development of our country's transportation system, 1948-1949; President of the Centennial of Engineering, 1952; Chairman of the Illinois Commission of Higher Education from 1954 to 1959, which was the precursor of current developments in planning for higher education in this State; Chairman of the Metropolitan Fair and Exposition Authority from 1955 to 1957; and a quarter of a century of concentration of talent and work in developing his central interest—The Museum of Science and Industry, a great and unique educational institution in its own right.

The Board of Trustees of the University of Illinois would add this citation to his many other honors, and would have him accept with it a grateful expression of appreciation of his special services to the University—as a member of its Citizens Committee since it was created in 1942 and as Chairman of the Committee for the past twenty years; and, more recently, as Chairman of the Jane Addams Memorial Fund campaign for the restoration and preservation of Hull House.

Given at the University of Illinois May 21, 1964.

**RECOGNITION OF SERVICES OF DR. ALONZO G. GRACE,
DR. JACK W. PELTASON, AND DR. FREDERICK T. WALL**

(38) Three members of the faculty who have served as deans of colleges will leave the University this year. Because of their key roles in the formulation of recommendations for the Board of Trustees, it is appropriate that the record of the Board contain an expression of appreciation for effective, faithful, and important service and of good wishes for their future endeavors.

The appreciation and good wishes of the colleagues of these gentlemen go with them in their new activities and relationships, with the hope, also, that their friendship ties to the University of Illinois will remain firm.

On motion of Mr. Pogue, the following statements were adopted, to be included in the record of today's meeting; and the Secretary was authorized to prepare appropriate copies to be sent to the three members of the faculty.

DR. ALONZO G. GRACE

Professor of Education and Dean of the College of Education

Dr. Alonzo G. Grace, Dean of the College of Education since 1960, will retire September 1, 1964.

Dean Grace was Associate Dean of Education at New York University from 1952-60. He was Chairman of the Department of Education and Professor of Administration at the University of Chicago for a year before going to New York University in 1951 as Professor of Education. From 1938-48 he was Commissioner of Education and Secretary of the Board, Connecticut State Board of Education, and lecturer in the Yale University Graduate Department of Education. In 1948-50 he was in Berlin, Germany, as Director of Education and Cultural Relations, Office of Military Government, later the Office of the High Commissioner, American Zone of Occupation, and later the Republic of Western Germany.

The four years during which Dr. Grace has been Dean of the College of Education have been marked by many important changes within the College. A new building has been planned and built, departmental and committee reorganiza-

tion has been effected, curriculum revisions in a number of areas have been completed and others have been initiated, a new program of alumni relationships has been started, research activity has been greatly enlarged, and new faculty members for vacancies and new positions have been successfully recruited. Relationships with the school systems of the state, with agencies of state and national government and neighboring institutions in teaching education are cordial and professionally productive. A number of programs have come into national and international recognition.

Dr. Grace has carried out his duties as Dean faithfully, planfully, and with imagination. The work of the College and the University has been greatly enhanced and strengthened through his contributions and his general leadership. The stature of the College and its faculty, the scope of its service and the importance of that service to the state and the nation are at a new high level. This distinction belongs to many people, but the calm, sound, and experienced leadership of Dean Grace has been a central influence in the remarkable record of these four years.

DR. JACK WALTER PELTASON

Professor of Political Science and Dean of the College of Liberal Arts and Sciences

Dean Jack W. Peltason came to the University of Illinois as Assistant Professor of Political Science September 1, 1951. His previous teaching experience was at the University of Missouri, Princeton University, and Smith College.

By virtue of his scholarly work, his reputation for effective teaching and the wide regard of his colleagues for his capacity for academic leadership, Dr. Peltason was a natural choice for the Deanship when a vacancy occurred in September, 1960. Dean Peltason will leave the University this summer to become Dean of the College of Arts, Letters, and Sciences of the Irvine Campus of the University of California.

In presiding over the largest college of the University, Dr. Peltason has established new relationships with the other colleges and the other campuses of the University while working in many ways to improve and develop the academic achievement of his own unit. His interest in undergraduates is reflected in new arrangements for counseling, for communication with students, and for supervising and improving teaching in the introductory courses. He has encouraged academic excellence at every point and brought strong support to the graduate work of the departments. He has worked to build new programs, particularly in non-Western studies, and assisted in finding new resources for them. In University-wide matters, Dr. Peltason has been a thoughtful and wise adviser, with a broad view of the welfare of the institution as a whole and a deep conviction as to the central social importance of higher education.

Dr. Peltason has played an important role in advancing interinstitutional cooperation by joining with his fellow deans in developing new cooperative programs under the auspices of the Committee on Institutional Cooperation. Within the state, he served with distinction as a member of the "Master-Plan" Committee on Collegiate Programs of the Illinois Board of Higher Education.

The work of the College is broader, stronger, and more effectively organized because of Dean Peltason's administration and the University as a whole has profited greatly from his imaginative leadership.

DR. FREDERICK THEODORE WALL

Professor of Physical Chemistry

Dr. Frederick T. Wall was appointed Dean of the Graduate College on August 1, 1955, and served until September 1, 1963, when he returned to full-time teaching and research in physical chemistry. On September 1, 1964, he will become Professor of Chemistry, University of California Santa Barbara Campus, after twenty-seven years at the University of Illinois. Dr. Wall's earlier academic experience was at the University of Minnesota, where he also earned his baccalaureate and doctor's degrees, and at the California Institute of Technology.

Dr. Wall's prominence as a scientist was established before he undertook the Deanship of the College, and his continuing achievements in his field led to his election to the National Academy of Sciences in 1961. He received the Ameri-

can Chemical Society Award in Pure Chemistry in 1945 and the University of Minnesota Outstanding Achievement Award in 1959.

During Dr. Wall's administration of the Graduate College, the University's reputation for the quality and scope of its research grew nationally and internationally. His election in 1961 to the Presidency of the Association of Graduate Schools of the Association of American Universities was a recognition both of his leadership and the increased eminence of the University's graduate and research program.

The example of Dr. Wall's own scholarly work and his recognized insight into the merit of the work of others inspired confidence in his judgment in the decisions he was called upon to make as Chairman of the Research Board and in the appointments and awards for which he was primarily responsible. Hence, in executing his responsibilities, he encouraged the creative work of the faculty and enhanced their scholarly productivity. The University-wide fellowship competition and the program of faculty summer fellowships, now adopted and admitted by other universities, were instituted under Dean Wall's planning and administration.

The Center for Advanced Study was initiated under his guidance and he brought strong support to making the Digital Computer Laboratory a world-renowned center.

In all ways, Dean Wall has stood for and encouraged high standards and academic excellence through his achievements and service and he has won the admiration and respect of his colleagues both at the University of Illinois and throughout the country.

PURCHASES

Purchases Authorized

(39) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase in each case was recommended on the basis of the lowest acceptable bid.

The recommendations are presented in one category: purchases from Institutional Funds. This term is used here to designate funds received by the University under contracts with the United States Government, contracts with private corporations and other donors, and University revolving funds authorized by law.

Purchases from Institutional Funds

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One lot of laboratory equipment including two microscopes, accessories for centrifuge, pipet washer, two balances, and one dialyzer for the Veterinary College, Mhow, India	Agency for International Development—India	Standard Scientific Supply Corp., New York, N.Y.	\$ 4 763 20 f.a.s. New York
Universal testing machine, torsion testing machine, metal hardness tester, impact testing machine, multi-purpose block and cylinder tester, and an automatic cement tester, all complete with accessories for the U.P. Agricultural University, Pant Nagar, India	Agency for International Development—India	Tinius Olsen Testing Machine Co., Willow Grove, Pa.	29 000 00 f.a.s. New York
One quartz spectrophotometer, photo-electric model, with a range of from 210 to 1000 millimicrons, and accessories consisting of absorption cells, gas filament lamps, and electronic tubes	Agency for International Development—India	Beckman Instruments, Inc., Fullerton, Calif.	4 604 51 f.a.s. New York
One lot of miscellaneous welding tools to include welding and cutting outfits, two arc welders and accessories, to serve the dual purpose of teaching aids and construction tools at Njala College in Njala, Sierra Leone	Agency for International Development—Sierra Leone	Contractors Trading & Equipment Corp., New York, N.Y.	3 314 60 f.a.s. New York
One lot of miscellaneous woodworking tools to include four band saws, one planer, one jointer, one sander, one router, one grinder, and 200 sanding belts, to serve the dual purpose of teaching aids and construction tools at Njala College in Njala, Sierra Leone	Agency for International Development—Sierra Leone	New World Research Corp., New York, N.Y.	5 189 30 c & f Freetown, West Africa

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One lot of miscellaneous tool supplies including hydraulic jacks, mechanics tools, masons tools, carpenters tools, blacksmiths tools, sheet metal worker tools, plumbers equipment, and electricians tools	Agency for International Development—Sierra Leone	New World Research Corp., New York, N.Y.	\$ 8 509 56 c & f Freetown, West Africa
One lot of miscellaneous machine tools to include one lathe, one milling machine, one drill press, one metal working shaper, and one power hack saw	Agency for International Development—Sierra Leone	Brodhead-Garrett Co., Cleveland, Ohio	7 479 00 f.a.s. New York
One oscilloscope, sampling, with timing and dual trace sampling plug-in units, 0.35 nanoseconds rise-time, one nanosecond to 100 microseconds/cm calibrated sweep speed X2 to X100 time expander, i.e., constant dots/cm (note: nanosecond equals one billionth of a second)	Electrical Engineering	Tektronix, Inc., Park Ridge	3 330 00 f.o.b. Beaverton, Ore.
Remodel a stall area in the large barn at the Veterinary Research Farm on South Race Street for use as a laboratory room, remodeling work to include construction of concrete floor, interior walls, and necessary doors, windows, electrical circuits and lighting, heating, and work benches and storage shelves, to be used for research in studying transmissible diseases of swine	Veterinary Medicine	Hazen & Franks Builders Supply, Inc., Tolono	4 063 00 f.o.b. delivered and erected

On motion of Mr. Pogue, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

The recommendations are presented in two categories: purchases from Appropriated Funds (i.e., from state appropriations to the University) and purchases from Institutional Funds.

Purchases from Appropriated Funds

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
46,000 eleven-part purchase order forms, 10,000 delivery invoice-voucher forms, 5,000 receiving report forms, and 200 third-copy delivery-invoice voucher forms	Business Office, Medical Center	Allied/Egry Business Systems, Chicago	\$ 2 854 98 delivered
120 greenhouse special plant carts	Drug and Horticultural Experiment Station	Jos. T. Ryerson & Son, Inc., Chicago	8 880 00 delivered
One lot of standard glazed stoneware jars as follows: 1,000 one-gallon capacity with holes near the bottom 1,000 one-gallon capacity without holes 750 three-gallon capacity with holes near the bottom 750 three-gallon capacity without holes	Drug and Horticultural Experiment Station	Bivens & White Co., Oak Park	5 115 00 delivered
20,000 chart folders, 20,000 prenumbered master cards, and 2,000 unnumbered master cards	Medical Records, Chicago	Crown Office Supply Co., Chicago	5 136 70 delivered
Approximately 60,000 microfilm jackets and processing of approximately 600 rolls of microfilm for the period from July 1, 1964, through June 30, 1965, subject to renewal for one year by mutual agreement	Research and Educational Hospitals	Great Lakes Microfilm Co., Chicago	6 480 00 delivered
Approximately 3250 millicuries of radioactive isotopes to be used by the Isotope Laboratory for the period from July 1, 1964, through June 30, 1965, subject to renewal for one year by mutual agreement	Research and Educational Hospitals	E. R. Squibb & Sons, Franklin Park	11 401 85 delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One 16 in. by 16 in. by 24 in. steam pressure instrument sterilizer	Research and Educational Hospitals	Wilmot Castle Co., Elmhurst	\$ 3 758 00 delivered and installed
One hoist mechanism to be installed on a University truck to be used in the handling and hauling of refuse and material handling containers	Physical Plant, Medical Center	Stepp Equipment Co., Chicago	3 996 00 delivered and installed
Statistical analyses and consultative services of health and medical factors in Illinois, the upper midwest, and the nation, as they relate to future planning in all the health professions at the University of Illinois at the Medical Center	Vice President's Office, Medical Center	Health Information Foundation, Chicago	4 968 00
444 each wall hung cigarette urns and 194 floor smoker stands	Chicago Circle	Bolotin, Inc., Chicago Wall hung urns Gilbert A. Force Co., Chicago Smoker stands	9 546 00 3 181 60
(Note: This purchase will be made from both Appropriated Funds, \$3,181.60, for a total of \$12,727.60.)			
Four 45 cu. ft. reach-in refrigerators	Biology, Chicago Circle	Edward Don & Co., Chicago	3 456 00 delivered and installed
One 50 kw induction furnace for Chicago Circle to replace existing arc furnace located at Navy Pier which is to be traded in	College of Engineering, Chicago Circle	Inductotherm Corp., Rancocas, N.J.	11 092 00 delivered and set in place
Furnish and install 1,468 acoustical lockers and 62 fixed panels	Physical Plant, Chicago Circle	General Fireproofing Co., Chicago	89 772 00 delivered and installed
Print and bind 3,000 copies of <i>Faculty Publications</i> , 1963, approximately 152 pages per copy, trim size 6 in. by 9 in.	Graduate College	Pantagraph Printing & Stationery Co., Bloomington	2 981 40 f.o.b. delivered
Fifty-one original photographic prints by Edward Weston	Krannert Art Museum	Cole Weston, Carmel, Calif.	2 750 00 f.o.b. delivered
Wood library furniture to expand the Education Library Room in the Main Library: six tables, two card catalog cabinets (sixty trays each), eleven stools, two dictionary stands	Library	Blackwell Wielandy Co., St. Louis, Mo.	2 983 00 f.o.b. delivered
One solenoid, super-conducting, for generating fields up to at least 30 kilogauss, 2 in. I.D., 3.5 in. O.D., active coil winding length 8 in., guaranteed uniformity of at least 2.5 per cent over the central 4 in. of coaxial length	Physics	Magnion, Inc., Burlington, Mass.	5 150 00 f.o.b. delivered
Construct a rigid frame building, 30 ft. by 50 ft. by 8 ft., including concrete foundation and floor, ten box stalls with dutch doors, electrical service, water service and drains at the Veterinary Research Farm on South Race Street, to be used as an experimental animal building, replacing the existing barn on Pennsylvania Avenue which will be removed from its present site	Veterinary Medicine	Hazen & Franks Builders Supply, Inc., Tolono	5 970 00 f.o.b. delivered and erected
Print and bind 1,500 copies <i>Italian Tragedy in the Renaissance</i> , by Marvin T. Herrick, approximately 320 pages per copy, trim size 6 in. by 9 in.	University Press	The North American Press, Milwaukee, Wis.	3 752 29 f.o.b. delivered
Print and bind 1,500 copies <i>On the Compositional Genetics of "The Comedy of Errors,"</i> by T. W. Baldwin, approximately 295 pages per copy, trim size 6 in. by 9 in.	University Press	Pantagraph Printing & Stationery Co., Bloomington	4 604 24 f.o.b. delivered
Furnish and install steel library shelving and double tier stacks in the Agriculture Library in Mumford Hall	Physical Plant Storeroom	Estey Corp., Red Bank, N.J.	12 476 00 f.o.b. delivered and installed

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Furnish and install 350 upholstered auditorium chairs with tablet arms in College of Commerce and Business Administration Building	Physical Plant	Illini Supply, Inc., Decatur	\$ 9 600 00 f.o.b. delivered and installed
<i>Purchases from Institutional Funds</i>			
Twenty-four pieces of machinery equipment consisting of sabre saw kit, electric hammer, drill presses, miter gauges, jointer, tool grinder, wood lathe, abrasive belt finishing machine, radial saw, abrasive disc finishing machine, band saw, arbor press, and norton screw jacks	Architecture and Art, Chicago Circle	AAA Saw & Tool Service & Supply Co., Chicago Chicago Supply & Tool Co., Chicago Lee Machine Tool Co., Chicago	\$3 520 84 497 00 951 72 (4 969 56) delivered and installed
Photographic equipment (154 items) consisting of cameras, enlargers, printers, easels, developing and fixing tanks, safe lights, special lenses, film holders, trays, dryers, mounting press, clock timers, tripods, paper cabinets, print washer, mixing faucets, carriers, slide viewers, light tables	Chicago Circle	Eastman Kodak Stores, Inc., Chicago Helix, Chicago Malelo Camera Co., Chicago Norman-Willetts Co., Chicago Standard Photo Supply Co., Inc., Chicago Watland's Camera Shops, Chicago	875 84 779 80 6 341 88 428 50 707 40 222 54 (9 355 96) delivered
Seventeen domestic refrigerators and three domestic freezers	Chicago Circle	Frigidaire Sales Corp., Elk Grove Village	3 095 38 delivered and installed
404 waste receptacles	Chicago Circle	Atco Corp., Chicago	6 726 60 delivered
One jeep truck, one sweepster rotary broom, and one 96 in. reversible snowplow	Physical Plant, Chicago Circle	Galassi Motor Sales, Inc., Chicago	3 945 00 delivered
One snowblower	Physical Plant, Chicago Circle	R. H. Lyons Equipment Co., Chicago	3 736 00 delivered and installed
Forty-six tri-step wash systems, nine four-step wash-wax systems, fifty-two janitor carts, four waste collectors	Physical Plant, Chicago Circle	Daniels Supply Co., Chicago Wash systems Wash-wax systems Stearnes-Imperial Co., Chicago Janitor carts Edward Don & Co., Chicago Waste collectors	3 905 40 966 60 2 078 96 72 08 (7 023 04) delivered
Intravenous fluids and administration sets for use in the Research and Educational Hospitals for the period from July 1, 1964, through June 30, 1965, subject to renewal for one year by mutual agreement	Pharmacy	Abbott Laboratories, North Chicago	76 832 01 delivered
One lot of laboratory supplies consisting of 1,200 vials of heparinized capillary tubes, 2,350 gross microscope slides, 30 plastic pipet jars, 576 plastic bottles, and approximately 1,050 cases of borosilicate laboratory glassware	Medical Center Stores	A. S. Aloe Co., Schiller Park	26 250 00 delivered
Window washing service between July 1, 1964, and June 30, 1965; for the Research and Educational Hospitals, the Neuropsychiatric Institute, and the Staff Apartment Building (Note: This purchase will be made from both Institutional Funds, \$1,320.00, and Appropriated Funds, \$1,296.00, for a total of \$2,616.00.)	Physical Plant, Medical Center	Alex Wasleff Window Cleaning Co., Chicago	1 320 00
Print and bind 4,500 copies of <i>Fundamentals of Aviation and Space Technology</i> , approximately 164 pages per copy, trim size 8½ in. by 11 in., for use in training programs	Institute of Aviation	The Interstate Printers & Publishers, Inc., Danville	3 105 75 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One microtome with mechanical advance, stereomicroscope, pivoting telescopic mount, collet-type holder, glass knives, and accessory box containing spare parts, for general laboratory work in the Botany Department	Botany	Ivan Sorvall, Inc., Norwalk, Conn.	\$ 3 444 50 f.o.b. delivered
One centrifuge, high-speed, refrigerated, without rotors and including one GSA head, for general laboratory use in biochemistry	Chemistry and Chemical Engineering	Ivan Sorvall, Inc., Norwalk, Conn.	2 695 00 f.o.b. delivered
One gas chromatograph with dual flame ionization and thermal conductivity detector for graduate class work	Chemistry and Chemical Engineering	Micro-Tek Instruments, Inc., Baton Rouge, La.	3 070 00 f.o.b. delivered
One special dry box, hermetically sealed, consisting of one each solid metal left end, fluorescent skylight, glove port covers, stand, rack and shelf assembly, and dri-train, for use in handling and preparation of lithium, magnesium, beryllium, and aluminum which are pyrophoric in the presence of oxygen and water	Chemistry and Chemical Engineering	Herring Corp., Van Nuys, Calif.	4 842 00 f.o.b. delivered
One spectrophotometer system, including monochromator with quartz optics, micro cell attachment with magnetic stops, and heatable cell holder with accessories	Chemistry and Chemical Engineering	W. H. Kessel & Co., Chicago	5 778 00 f.o.b. delivered
One preparative centrifuge, centrifugal forces to 198,000 x gravity, refrigerated, vacuum type with one type 50 rotor, one type SW39L rotor with radiation handle, and one type SW25.2 rotor, to be used in the analysis of phage and antibody proteins by the biochemistry division of the Department of Chemistry and Chemical Engineering	Chemistry and Chemical Engineering	Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.	10 579 00 f.o.b. delivered
One preparative centrifuge, refrigerated, vacuum type with high-capacity fixed-angle rotor, one type 30 rotor, and one radiation handle for a type 39L rotor	Chemistry and Chemical Engineering	Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.	9 747 00 f.o.b. delivered
One gas chromatograph equipped with thermal conductivity cells with kovar filaments for use in graduate laboratories	Chemistry and Chemical Engineering	Micro-Tek Instruments, Inc., Baton Rouge, La.	2 670 00 f.o.b. delivered
Fabricate post-tensioning components and welded assemblies for the dynamic load generator consisting of 112 bearing plates and 76 steel bars, 29 ft. 9 in. long, 1½ in. diameter	Civil Engineering	Stressteel Corp., Wilkes-Barre, Pa.	4 294 00 f.o.b. delivered
Fabricate machine components, eight of each assembly, for dynamic load generator to consist of welding, machining, and chemical plating of various assemblies, material to be furnished by the vendor	Civil Engineering	Atterol Tool Corp., Chicago	14 400 00 f.o.b. delivered
One lot of wood office furniture for installation in the departmental suites of the new College of Commerce and Business Administration Building, to consist of eleven desks, nine credenzas, four cabinets, two conference tables, eight swivel chairs, forty-one arm chairs, and eight side chairs without arms	College of Commerce and Business Administration	Weber, Hilmer, & Johnson, Chicago	9 992 55 f.o.b. delivered
Eight power supplies, 0-20 volts, 2 amps at 50°C., regulation .015 per cent	Digital Computer Laboratory	LAMBDA Electronics Corp., c/o Bard Associates, Inc., La Grange	2 634 28 f.o.b. destination
Four power supplies, 0-40 volts, 2.1 amps at 50°C., regulation .015 per cent			
Four rack adapters			
One soldering machine, dual wave, automatic, comprised of fluxing station, pre-heater, dual-wave solder fountains, conveyor, and control panel	Digital Computer Laboratory	Dee Electric Co., Chicago	5 910 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Two typewriters, electric, for computer input-output	Digital Computer Laboratory	International Business Machines Corp., Springfield	\$ 3 483 50 f.o.b. Lexington, Ky.
Two connectors for coupling to computer system			
One type font, in addition to those supplied with typewriters			
Calculators, full keyboard, desk type, as follows:	Educational Psychology and Animal Science	SCM Corp., Champaign	
Six automatic single entry squaring (Group A)		Groups A, B, and C	15 465 00
Nine back transfer for transferring results and keyboard entries to storage dials (Group B)		Monroe Calculating Machine Co., Inc., Champaign	
Two duplex storage with automatic constant multiplier (Group C)		Groups D and E	2 133 00
Two automatic multifactor multiplication (AxBxC) with twenty-one lower dials (Group D)		Frیدن, Inc., Champaign	1 760 00
One memory for repetitive keyboard amounts, with recall (Group E)		Group F	(19 358 00)
Two fully automatic with dual keyboard (Group F)			
Less trade-in allowance on four used calculators			
One converter system, high-speed, analog-digital, including operational amplifier, analog sample-and-hold circuitry, output register, and self-contained power supply	Electrical Engineering	Adcom Corp., Skokie	3 200 00 f.o.b. delivered
One milling machine, horizontal, universal, high-speed, high-precision, with collets, chucks, and other accessories, to be used by the Department of Electrical Engineering for microwave component research	Electrical Engineering	Hardinge Brothers, Inc., Chicago	6 258 00 f.o.b. delivered
One monochromator, special model, with linear wave length gratings of modular design	Electrical Engineering	The Perkin-Elmer Corp., Norwalk, Conn.	9 602 50 f.o.b. delivered
One klystron tube, millimeter wave type, mechanically tunable from 66 to 76 Gc, power out 100 mw minimum from 66 to 76 Gc, 200 mw minimum at 71 Gc	Electrical Engineering	Butler Roberts Associates, Inc., Ft. Lauderdale, Fla.	2 650 00 f.o.b. delivered
One accessory equipment to augment and expand the configuration of the G-20A computer system located in the Department of Electrical Engineering, including console, line printer, card reader/punch, central processor, card printer, compiler, magnetic tape unit, paper tape unit, memory unit	Electrical Engineering	Control Data Corp., Oak Park	106 080 00 f.o.b. Minneapolis, Minn.
One nuclear measurement system for the determination of moisture and density in soil, consisting of a portable scaler, a depth moisture gauge, and a combination density and moisture surface gauge	Forestry	Nuclear-Chicago Corp., Des Plaines	6 895 99 f.o.b. delivered
500 module chassis and 1,000 side plates for use by Digital Computer Laboratory for design and construction of a high-speed computer under a federal government contract	Physics	Craftsman Sheet Metal, Inc., Franklin Park	2 787 00 f.o.b. delivered
One solenoid, super-conducting, rated field intensity at center 30,000 gauss, field uniformity over 2 in. axial length, one part in 10 ⁴ and one power supply for above, 0-25 amp DC output	Physics	Winchester Electronic Laboratories, Winchester, Mass.	4 550 00 f.o.b. delivered
One attenuation comparator, frequency range 5 to 310 mc/sec., complete with oscilloscope with sweep range of 10-1000 microseconds, and sweep delay of 0-100 microseconds; pulse amplitude to 900 volts, pulse width 0.5, 1.0 and 2.0 microseconds; and with provision for operation with automatic readout	Physics	MATEK, Inc., Providence, R.I.	6 250 00 f.o.b. Providence, R.I.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Twelve power supplies, transistorized	Physics	Heath Co.,	\$ 3 990 72
Twelve power supplies, regulated, variable voltage		Benton Harbor, Mich.	f.o.b. delivered
Twelve oscilloscopes, wide band, 5 in.			
Twelve vacuum tube voltmeters			
Twelve generators, sine-square wave			
One oscilloscope, dual beam, calibrated sweep rate of 0.1 microsecond to 5 seconds per cm, range DC to 22 MC	Physics	Tektronix, Inc.,	5 938 50
One oscilloscope, high-speed, 24 kv accelerating potential, sensitivity of 25 mv to 400 v per cm		Park Ridge	f.o.b. Beaverton, Ore.
Two portable scope charts			
One viewing hood			
One bezel			
One integral induction melting unit, 50 kilowatt, with 600-volt water cooled capacitors, for instructional purposes in the Foundry Laboratory of the Department of Mechanical and Industrial Engineering	Mechanical and Industrial Engineering	Brown Boveri Corp.,	12 000 00
		New York, N.Y.	f.o.b. delivered
One single crystal accessory device, an attachment to an existing diffractometer for the study of crystals, consisting of a 360-degree mounting ring into which a standard goniometer head is mounted	Mining, Metallurgy, and Petroleum Engineering	Siemens America, Inc.,	2 625 00
		New York, N.Y.	delivered
An additional 2,000 copies of <i>Magazines in the Twentieth Century</i> , second edition, by Theodore Peterson, approximately 512 pages per copy, trim size 6 in. by 9 in., to be printed and bound at same time as 2,000 copies approved for purchase by the Board of Trustees February 19, 1964	University Press	Pantagraph Printing & Stationery Co.,	2 910 00
		Bloomington	f.o.b. delivered
Print and bind 1,000 copies of <i>The Ecology of North America</i> , by Victor E. Shelford, trim size 6 3/4 in. by 10 in., approximately 632 pages per copy	University Press	Cushing-Malloy, Inc.,	3 164 00
		Ann Arbor, Mich.	f.o.b. delivered
Print and bind 1,500 copies of <i>Tables of Transitional Frequencies of English Phonemes</i> , by Lee S. Hultzén et al., approximately 229 pages per copy, trim size 6 in. by 9 in. (Note: This purchase will be made from both Institutional Funds, \$1,500.00, and Appropriated Funds, \$1,457.00, for a total of \$2,957.00.)	University Press	Malloy Lithographing, Inc.,	1 500 00
		Ann Arbor, Mich.	f.o.b. delivered
Print and bind 5,000 copies each: <i>Constitutional Problems Under Lincoln</i> , by James G. Randall, approximately 632 pages per copy <i>Viva Mexico!</i> by Charles M. Flandrau, approximately 320 pages per copy <i>Comic Theory in the Sixteenth Century</i> , by Marvin T. Herrick, approximately 256 pages per copy <i>Mexican Government in Transition</i> , by Robert E. Scott, approximately 352 pages per copy	University Press	Cushing-Malloy, Inc.,	10 812 00
		Ann Arbor, Mich.	f.o.b. delivered
Forty-two films, miscellaneous color and black and white	Visual Aids Service	International Film Bureau, Inc.,	5 605 00
		Chicago	f.o.b. destination
162 films, miscellaneous color and black and white, payment to be in three yearly installments	Visual Aids Service	Coronet Films,	18 884 25
		Chicago	f.o.b. delivered
Ninety films, miscellaneous titles as follows: fifty-nine color, thirty-one black and white	Visual Aids Service	Encyclopaedia Britannica Films, Inc.,	13 906 32
		Wilmette	f.o.b. Wilmette
101 films, 16 mm., miscellaneous color and black and white, payment to be in three equal yearly installments	Visual Aids Service	McGraw-Hill Book Co.,	15 998 85
		Text-Film Division, New York, N.Y.	f.o.b. delivered
900 dining chairs; 124 dining tables, 36 in. by 72 in.; forty-six dining tables, 48 in. round, for the dining room of the Illinois Street Residence Halls	Housing Division	Weber, Hilmer, & Johnson,	31 571 55
		Chicago	f.o.b. delivered
189 chairs, wrought iron, with special slip seats, for use in the Snack Bar of the Illinois Street Residence Halls	Housing Division	Weber, Hilmer, & Johnson,	6 289 56
		Chicago	f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Innerspring mattresses as follows: 170 36 in. by 78 in. 100 36 in. by 80 in. 180 54 in. by 78 in. 180 box springs, 54 in. by 78 in.	Housing Division	Sackett's Furniture Store, Champaign	\$ 12 789 00 f.o.b. delivered
To be used in the double deck beds in the Illinois Street Residence Halls, Orchard Downs Apartments, and as replacement mattresses in the Busey-Evans Residence Halls			
Fifty mobile delivery cabinets constructed of anodized aluminum and with epoxy sealed joints, size 71½ in. high, 21½ in. wide, and 28 in. deep (front to back), each cabinet designed to accommodate forty pans 16 in. by 28 in.	Housing Division	Bucks County Enterprises, Inc., Quakertown, Pa.	9 504 00 f.o.b. delivered
Silver plated flatware, triple plate quality, bright butler finish, with two extra deposits of silver on tips and backs of bowls and tines, in the following quantities: 550 dozen knives, dinner, 9 in., solid handles on stainless steel base 500 dozen forks, utility 60 dozen forks, salad 300 dozen teaspoons, 5 oz. 300 dozen spoons, bouillon	Housing Division	Edward Don & Co., Chicago	11 921 50 f.o.b. delivered
Furnish and install hardware and draperies in the Illinois Street Residence Halls as follows: Fifty-two pairs, Building A (men) and Building B (women) unit lounges (Group 1) Eleven pairs, Building B ground floor corridor windows and offices (Group 2) Six pairs snack bar, seminar room, and reference library (Group 3) Seventeen pairs recreation rooms and head resident apartments (Group 4) 656 pairs, student rooms, Buildings A and B (Group 5)	Housing Division	Williamsburg Drapery Co., Inc., Chicago Group 1 Group 2 Group 3 Indecor, Chicago Group 4 Edwin Raphael Co., Inc., Holland, Mich. Group 5	4 425 72 7 117 13 1 307 90 2 323 80 13 654 20 (28 828 75) f.o.b. delivered
Furnish and install hardware and draperies in the Illinois Street Residence Halls dining room, linen casement fabric, unlined, in the following sizes: Twelve pair 24 ft. wide by 64 ft. long Three pair 12 ft. wide by 32 ft. long One pair 6 ft. wide by 24 ft. long	Housing Division	Drexel Venetian Blind Laundry, East St. Louis	3 278 26 f.o.b. delivered and installed
1,300 mattresses, 36 in. by 79 in., not less than 4½ in. thick, core to be of latex foam, covering to be 8 oz. aca ticking, for use in the Illinois Street Residence Halls	Housing Division	Anderson Mattress Co., Anderson, Ind.	30 784 00 f.o.b. delivered
Bed linen items to equip the Illinois Street Residence Halls: 98 dozen combination mattress pad and cover (Item 1) 625 dozen sheets, size 63 in. by 108 in., thread count 140 (Item 2) 625 dozen pillow cases, 42 in. by 36 in., thread count 140 (Item 3) 2,500 only, blankets, size 62½ in. by 90 in., 90 per cent wool, 10 per cent nylon (Item 4)	Housing Division	American Textile Distributors, Philadelphia, Pa. Item 1 Kansas City White Goods Manufacturing Co., Kansas City, Mo. Item 2 Item 3 Horner Woolen Mills Co., Eaton Rapids, Mich. Item 4	2 688 14 11 950 00 2 731 25 9 000 00 (26 369 39) f.o.b. delivered
1,250 pillows, bed, 20 in. by 26 in. finished size, filled with not less than 1 pound 14 ounces new feathers, for the Illinois Street Residence Halls	Housing Division	Karoll's, Inc., Chicago	2 750 00 f.o.b. delivered
1,570 study lamps, complete with shades, for use in the student rooms in the Illinois Street Residence Halls	Housing Division	Excel Manufacturing Corp., Muncie, Ind.	11 775 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One lot of lamps and sand urns for use in the lounge areas of the Illinois Street Residence Halls as follows: Fifty-two floor lamps 106 table lamps Four desk lamps Four sand urns	Housing Division	Gilbert A. Force Co., Chicago	\$ 3 552 51 f.o.b. delivered
Two roaster ovens, triple deck, 60 in. by 45 in. by 76½ in., each deck fitted with one intermediate removable shelf, light, and removable rack, for installation in the Illinois Street Residence Halls food service areas	Housing Division	L. B. Herbst Corp., Chicago	3 551 62 f.o.b. delivered
One mixer, food, eighty-quart capacity, with bowl splash cover, oil dropper, and the following accessories for the Illinois Street Residence Halls: Two eighty-quart stainless steel bowls Two bowl trucks Three stainless steel wire whips Six slicer and shredder plates	Housing Division	Hobart Manufacturing Co., Springfield	2 559 60 f.o.b. delivered
Two food warmers, four compartments each, 22 in. by 30½ in. high, fitted with stainless steel slides, adjustable and removable, for the Illinois Street Residence Halls	Housing Division	Edward Don & Co., Chicago	5 698 00 f.o.b. delivered
Approximately 125 uniforms for Army Advanced R.O.T.C. students; uniform to include: coat, trousers, cap, two shirts, belt, tie, gloves, and trench coat	Military Property Custodian	Bendone Manufacturing Corp., New York, N.Y.	30 673 75 f.o.b. delivered
Approximately 150 uniforms for Air Force Advanced R.O.T.C. students; uniform to include: coat, trousers, cap, two shirts, belt, tie, gloves, top coat, and braid			
630 (approximately) steel library bookshelf units, 36 in. wide by 9½ in. deep by 84 in. high, complete with closed back and finished end panels to provide for anticipated requirements for new buildings under construction on the Urbana campus and for Office Supply Storeroom stock; approximately 500 of the estimated total to be delivered in June, August, December, 1964, February and June, 1965, with the balance to be ordered for interim shipments as required	Office Supply Storeroom	S. Buckman Furniture & Supply, Spring Valley	22 579 20 f.o.b. delivered
720,000 envelopes, 28 lb. brown kraft, gummed flap, open end, clasp, various sizes	Office Supply Storeroom	Graham Paper Co., St. Louis, Mo.	11 980 80 f.o.b. delivered
270,000 envelopes, 20 lb. brown kraft, gummed flap, open end, catalog, various sizes			
30,000 envelopes, 28 lb. brown kraft, gummed flap, open end, coin, size 3 ½ in. by 5 ½ in.			
1,200,000 envelopes, 20 lb., grant kraft, gummed flap, various sizes			
The above is an estimated ten-month supply of envelopes			
One photo enlarger for negatives, 35 mm. to 4 in. by 5 in. One lens, 105 mm., f 5.6 One lens, 135 mm., f 3.5 One negative carrier 2½ in. square, and one ditto 4 in. by 5 in.	Photography	Log Etronics, Inc., Alexandria, Va.	10 319 40 f.o.b. Alexandria, Va.
Furnish and install in the new Print Shop Building one remelt furnace, two-ton crucible capacity with complete metal drainage, equipped with one under-mold, four scrap trucks, and one eight-inch skimmer	Print Shop	Graphic Arts Equipment Co., Chicago	4 700 00 f.o.b. delivered and installed
One truck, 1964 model, 9,800 lb. gross vehicle weight, with V-8 engine, four-speed synchromesh transmission, van body 9 ft. long, 8 ft. wide, 7½ ft. high, and hydraulic tail gate lift	Purchasing	Springer Motor Sales, Rantoul	3 349 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Laboratory furniture as follows:	Physical Plant	Metalab Equipment Co., Hicksville, N.Y.	\$ 3 867 90 f.o.b. delivered
Four storage cabinets			
Nine standard sectional base units			
Five sink units and necessary service fixtures and valves			
Eighty-four ft. (approximately) stone for bench tops and back splash trim			
Two chemists desks			
For stock to be installed as required			
Approximately 127,000 board feet lum- ber and 425 pieces clear fir flooring to be used by the Physical Plant De- partment during the period July 1, 1964, through June 30, 1965, as re- quired for work on the Urbana cam- pus	Physical Plant	Savoy Lumber & Materials Co., Savoy	19 967 67 f.o.b. delivered
Approximately 2,875 sheets plywood to be used by the Physical Plant De- partment as required during the period July 1, 1964, through June 30, 1965, for various work on the Urbana campus	Physical Plant	Thompson Lumber Co., Champaign	14 017 00 f.o.b. delivered
Building materials as required by Physical Plant in small quantities (approx- imate) during the period July 1, 1964, through June 30, 1965, as follows: 900 sheets tapered edge wallboard 179 sheets asbestos board 100 sheets insulation board 100 sheets pressed fibre board 320 sheets tempered hardboard 125 sheets tempered pegboard	Physical Plant	Thompson Lumber Co., Champaign	5 487 20 f.o.b. delivered
1,100 yards (approximately) ready mixed concrete for delivery to job site for use by the Physical Plant De- partment in various work on the Urbana campus during the period July 1, 1964, through June 30, 1965	Physical Plant	Odman-Hecker & Co., Urbana	17 897 50 f.o.b. delivered
Fifteen sedans, 1964 model, four-door, V-8 engine, automatic transmission, less trade-in of 1962 model vehicles of same type, except with 6 cylinder engines	Physical Plant	Rhodes Chevrolet, Farmer City Group 1 Group 3 Group 4	14 506 00 999 00 900 00
Two station wagons, 1964 model, nine- passenger, V-8 engine, automatic transmission, less trade-in of 1962 model vehicles of same type		Sullivan Chevrolet Co., Champaign Group 6	3 062 02
One police car, 1964 model, four-door, V-8 engine, automatic transmission, power steering, power brakes, less trade-in of 1963 model vehicle of same type (communications equip- ment to be transferred from old to new vehicle by the University)		Courtesy Motor Sales, Inc., Chicago (Ford) Group 5 University Ford, Champaign Group 2	2 940 00 1 940 00 (24 347 02) f.o.b. delivered
One sedan, compact, 1964 model, six- cylinder engine, automatic trans- mission, less trade-in of 1962 model vehicle of same type			
One police car, 1964 model, V-8 engine, automatic transmission, two-way ra- dio, public address unit, and beacon flasher			
Two utility vehicles, 1964 model, V-8 engine, automatic transmission, less trade-in of 1961 and 1962 model ve- hicles of the same type			
(Note: This purchase will be made from Institutional Funds, \$23,348.02, and Appropriated Funds, \$999.00, for a total of \$24,347.02.)			
Twenty automobiles, 1964 models, four- door sedans, with V-8 engine, auto- matic transmission, and standard equipment	Physical Plant	Courtesy Motor Sales, Inc., Chicago	36 980 00 f.o.b. delivered

On motion of Mr. Pogue, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(40) The comptroller's report of contracts executed during the period April 1 to 30, 1964.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Agency for International Development AID/csd-349	Prepare for publication a Resources Handbook outlining problems and procedures in establishing and operating an agricultural college	\$ 25 000 00	February 6, 1964
The Pillsbury Co.	Effect of water activity characteristics of flour on the performance of cake mixes	5 900 00	March 16, 1964
Space Technology Laboratories Sub-contract under AF33(657)-10999	Electrical propulsion study of variations in specific charge of a glycerol type working fluid with variation in temperature, conductivity, and viscosity	10 000 00	September 4, 1963
Special Dairy Industry Board	Influence of the major fatty acids in milk fat on serum cholesterol levels	20 500 00	February 1, 1964
Superintendent of Public Instruction	Conduct demonstrations, experimental projects, and institutes in the field of education of gifted children	1 150 00	March 13, 1964
United States Air Force AF19(628)-3900	Conduct the gyro resonance experiment in a rocket to determine the possibility of controlling inosperic characteristics	25 000 00	February 1, 1964
United States Air Force AF33(615)-1459	High-intensity charged particle sources	74 834 00	February 1, 1964
United States Air Force AF49(638)-1383	Research in system theory	51 430 00	May 1, 1964
United States Army DA-28-043 AMC-0073(E)	Development of techniques for military applications in accordance with Confidential Technical Guidelines	1 266 667 00	April 1, 1964
United States Army DA-49-193-MD-2571	Publication of a bibliography on the wholesomeness of irradiated foods	10 444 00	March 1, 1964
United States Army DA-49-193-MD-2572	Nutritive value of the major nutrients of irradiated foods	42 864 00	March 1, 1964
United States Department of Health, Education, and Welfare OE-4-12-040	Provide training to improve the qualifications of personnel engaged in counseling and guidance of students within grades 7 through 12	94 245 00	January 2, 1964
United States Department of Health, Education, and Welfare OE-4-16-008	Implications and feasibility of the application of newer media to staff, space, and curriculum problems at a rapidly growing urban university	66 863 00	March 30, 1964
United States Department of Health, Education, and Welfare OE-5-10-004	Identification and organization of the major topics and literatures in philosophical foundations of education	104 539 00	July 1, 1964
United States Department of Health, Education, and Welfare PH-108-64-42	Investigate the chronic effects of a walking and running exercise program on lower limb circulation in middle-aged and older men	5 526 00	March 15, 1964
Total		\$1 804 962 00	

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
John Deere Co.	Rental of farm machinery, ten items: \$57.75 to \$701.87	\$ 3 479 00	September 3, 1963
International Business Machines Corp.	Rental of office machines, four items: \$576.00 to \$189,605.00	199 387 00	March, 1964
Total		\$202 866 00	

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
FMC Corp. Sub-contract under DA-18-108-AMC-108(A)	Compounds to be synthesized and/or evaluated and biological evaluation techniques	\$ 37 750 00	April 3, 1964

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Moorman Manufacturing Co.	Poultry nutrition	\$ 2 600 00	April 7, 1964
Research Council on Riveted and Bolted Structural Joints of the Engineering Foundation	Behavior of riveted and bolted structural joints	21 000 00	January 1, 1964
United States Air Force AF29(601)-4993	Evaluation of tunnel liners	1 069 00	March 11, 1964
United States Air Force AF33(657)-10659	Information processing capability of signal analysis system	25 000 00	February 1, 1964
United States Army DA19-129-QM-1709(N)	Influence of tomato constituents on flavor of irradiated meat	449 00	February 18, 1964
United States Atomic Energy Commission AT(11-1)-392	Obtaining one millimeter source of C.W. microwaves and associated components	2 613 00	February 28, 1964
United States Navy Nonr-3985(04)	Pre-programmed self-instruction and self-programmed individualized education	46 579 00	March 11, 1964
<i>Total</i>		<u>\$137 060 00</u>	

Adjustments Made in 1963-64 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
George S. Grimmert & Co. (Plastering)	Twenty-three items: \$50.05 deduct to \$700.00	\$ 2 345 00	March and April, 1964

Summary

Amount to be paid to the University.....	\$1 942 022 00
Amount to be paid by the University.....	205 211 00

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(41) The Comptroller presented his quarterly report to the Board as of March 31, 1964.

This report was received for record, and a copy has been filed with the Secretary of the Board.

EMPLOYMENT OF AUDITORS

Mr. Swain, for the Finance Committee, presented the following:

For many years, the University has been employing certified public accounting firms for annual audits of the University of Illinois for five-year assignments. The five-year cycle worked out well. Beginning with the audit for the fiscal year ended June 30, 1958, the Board of Trustees authorized the employment of Ernst and Ernst for a three-year period. It was felt that the shorter cycle would enable broader participation of public accounting firms interested in the assignment and, without experience with such a cycle, there was no reason to believe it might not be effective. At the conclusion of the contract with Ernst and Ernst, representatives of that firm reported their experience indicated that a longer period was desirable. The size and complexity of the University records are such that the auditing firm spent excessive amounts of time in the early years of its assignment in becoming familiar with the records and their relationships.

In order to secure more experience with the three-year cycle, Lybrand, Ross Bros., and Montgomery was employed for a three-year period beginning with the audit of the year ended June 30, 1961. Its three-year assignment was completed with the audit of the year ended June 30, 1963. This firm also reported its experience indicates that the three-year cycle is too short to realize the most effective utilization of the auditing firm's services. Staff members of the Business Office also report that the three-year cycle requires excessive staff time in assisting the auditors.

The Finance Committee therefore authorized the Comptroller to determine the interest of Lybrand, Ross Bros., and Montgomery in continuing the audit for

an additional two-year period. The firm has submitted a proposal for the audit of the University and its allied organizations as follows:

		<i>(Preceding Year's Fees)</i>
The University of Illinois, including all revenue bond funds.....	\$24 300	\$22 300
State Universities Retirement System.....	2 300	2 000
The University of Illinois Alumni Association.....	650	600
The University of Illinois Athletic Association, including the Retirement System.....	1 100	1 000
The University of Illinois Foundation.....	1 800	1 500

The Comptroller believes the fees are reasonable in view of the increased volume of financial activities, not only in regular operations but also on construction, and the increased cost of auditing services that has occurred over the last three years.

In accordance with the usual practice, the auditing firm will submit its reports jointly to the Board of Trustees and to the office of the Auditor General. The proposal has the approval of the office of the Auditor General, in accordance with customary procedures.

The Finance Committee recommends the employment of Lybrand, Ross Bros., and Montgomery for the audit of University accounts for the fiscal year ending June 30, 1964.

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

SALARY OR ANNUITY PROGRAM

Mr. Swain, for the Finance Committee, presented the following:

For many years the Internal Revenue Code offered employees of certain organizations an income tax benefit if a part of their compensation was in the form of a non-forfeitable annuity contract paid for by the employer. Increased attention was paid to this provision when its implications were clarified by the enactment of the Technical Amendments Act of 1958 which modified the Internal Revenue Code.

Under the Internal Revenue Code, the amount paid by the employer for such an annuity is not considered to be taxable income to the employee in the year in which the employer makes such payment. It will represent taxable income to the employee when he receives payments from the annuity, which normally will be after retirement and at a time when his total income is smaller, resulting in a lower tax bracket.

In 1963, the General Assembly amended the Illinois statutes relating to state employees to permit an adjustment in an employee's earnings and the application of the amount of the adjustment to the purchase of an annuity contract for the employee.

Section 166(c), Chapter 127, of the Illinois Revised Statutes, as so amended, reads:

"Each employer as defined in Section 15-106 of the 'Illinois Pension Code,' approved March 18, 1963, as amended, pertaining to the State Universities Retirement System, may permit any employee covered by that System to accept a reduction in earnings or forego an increase in earnings in consideration for which the employer shall pay the amount of the adjustment in earnings to an insurance company or companies selected by the employer to be applied as a premium on an annuity contract under which the employee's rights are non-forfeitable except for failure to pay future premiums. The selection of the insurance company or companies and the purchase of the annuity contracts shall not be subject to 'An Act in relation to state purchasing and contracts,' approved July 11, 1957, as amended.

"Each employer may adopt rules to implement this Act including, but not by way of limitation, (a) the method of filing an election to accept an adjustment in earnings and revocation of the election, (b) the effective date of an election, (c) changes in the amount of the adjustment in earnings, and (d) selection of the insurance company or companies from which the annuity contracts are to be purchased."

Dr. Robert I. Mehr, Professor of Finance and a member of the Urbana-

Champaign Senate Committee on Retirement, Hospitalization, and Insurance, at the request of the University administration, studied the problem of establishing criteria for the selection and approval of insurance companies which the Board of Trustees could consider in offering to acquire annuities for staff members, and has recommended the following set of standards (a copy of his report has previously been submitted to the Finance Committee):

1. The company must have had at least \$750 million of life insurance in force in Illinois as of December 31, 1962.
2. The company must have collected at least \$20 million of premium in Illinois during 1962.
3. The company must have a net yield on investment in excess of the average for the industry in each of the years 1960 through 1962.
4. The company must be willing to work closely with the University in product design.

Four companies meet these standards. Prudential Insurance Company of America and Continental Assurance Company offer group contracts. The Northwestern Mutual Life Insurance Company and the Massachusetts Mutual Life Insurance Company offer individual contracts in addition to these four. Dr. Mehr recommends that the Teachers' Insurance Annuity Association also be approved for individual contracts serviced by mail. This company was organized by the Carnegie Foundation for the Advancement of Teaching, but is now a separate entity and is now self-sustaining. It operates a companion, but separate, corporation, the College Retirement Equities Fund. Eligibility for insurance and annuities in the Association is limited to employees of colleges, universities, independent schools, and other non-profit, tax-exempt educational and scientific organizations that meet the TIAA requirements. Currently, over 1,200 organizations are cooperating with TIAA, of which approximately one-half are colleges and universities. Because of its efficient operations, and designation as an insurance carrier for college faculty members, a number of University of Illinois faculty presently own TIAA contracts purchased for them by other institutions. It would be to their advantage, in some cases, to continue this relationship, rather than to start a new contract with a new company. Accordingly, Dr. Mehr recommends approval of TIAA-CREF as the fifth company authorized to do business under this arrangement.

Obviously, the University can not do business with all insurance companies. Some restriction is necessary. The smaller the number of insurance companies involved, the more effective can be the liaison between the University, the insurance company, and the staff member. Application of the standards recommended results in only five companies being approved, but it is believed that within these five companies, sufficient variation of programs is available to serve the needs of the faculty.

The Salary or Annuity program has been presented to and discussed with the Senate Committee on Retirement, Hospitalization, and Insurance on each campus and the Employees Advisory Committee to the Board of Trustees of the State Universities Retirement System.

The Finance Committee recommends the adoption of the following rules by the Board of Trustees as contemplated by the Illinois statute, and further recommends that the appropriate University officials be authorized to publicize and implement the same.

**Rules Adopted by the Board of Trustees of the University of Illinois
to Implement Provisions of Illinois Revised Statutes,
Chapter 127, Section 166(c)**

1. Any employee of the University who is a participant in the State Universities Retirement System and who desires to make an election to accept an adjustment in earnings pursuant to Section 166(c) of Chapter 127 of the Illinois Revised Statutes shall do so by executing and filing with the University a document in a form approved by the Vice-President and Comptroller and by the Legal Counsel. In the event that more than one such election is filed by an employee, the election bearing the latest date shall be deemed to supersede all previous elections, but no employee may file more than one election in any calendar year. Any such election

so filed may be revoked at any time by the employee upon filing a written revocation with the University.

2. The initial effective date for any employee's adjustment in earnings hereunder shall be July 1, 1964.

3. The following insurance companies are selected as those from which the University may purchase the annuity contracts referred to in said Section 166(c) of Chapter 127 of the Illinois Revised Statutes, and the amount of the adjustment in each employee's earnings shall be paid to one or more of said companies to be applied as a premium on an annuity contract or contracts under which such employee's rights are non-forfeitable except for failure to pay future premiums:

The Continental Assurance Company
 The Massachusetts Mutual Life Insurance Company
 The Northwestern Mutual Life Insurance Company
 Prudential Insurance Company of America
 Teachers' Insurance Annuity Association

4. These rules may be amended or supplemented by the Board of Trustees from time to time.

On motion of Mr. Swain, these recommendations were approved, and the proposed rules were adopted.

INVESTMENT REPORT

Report of the Finance Committee

(42) Mr. Swain, for the Finance Committee, presented the following changes in investments of endowment funds for the month of March, 1964:

Pool

Purchase					
\$ 5 000	U. S. Treasury bonds	4 per cent	2/15/80	\$ 4 925 00	
20/100 share	Eastman Kodak common stock			25 63	

Miller

Sale					
200 shares	Abbott Laboratories common stock			\$ 24 379 21	
1,000 shares	Tampa Electric common stock			25 007 28	

Purchase:					
\$ 50 000	U. S. Treasury bonds	4 per cent	10/15/69	\$ 49 906 25	

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, over which he has authority as indicated:

Current Funds

Restricted Group (June 20, 1962)

Purchase				
\$ 250 000	U. S. Treasury bills	3/26/64	\$249 672 36	
850 000	U. S. Treasury bills	4/30/64	845 992 92	
700 000	U. S. Treasury bills	7/30/64	691 052 36	
500 000	Commercial Credit promissory notes	7/30/64	439 057 29	
300 000	Household Finance promissory notes	9/15/64	293 929 17	

Construction Funds

Assembly Hall (June 23, 1959, and March 17, 1962)

Purchase			
\$ 100 000	U. S. Treasury bills	7/16/64	\$ 98 783 39

Illini Union and Health Center (December 21, 1960)

Purchase			
\$ 160 000	U. S. Treasury bills	6/11/64	\$158 685 87

Illinois Street Residence Halls (October 17, 1962)

Purchase			
\$ 55 000	U. S. Treasury bills	6/11/64	\$ 54 530 80

Orchard Downs (June 14, 1960)**Purchase**

\$ 102 000	U. S. Treasury bills	6/11/64	\$101 162 24
5 000	U. S. Treasury bills	7/16/64	4 946 90

Orchard Downs Addition (May 24, 1962)**Purchase**

\$ 70 000	U. S. Treasury bills	5/14/64	\$ 69 599 62
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Pennsylvania Avenue Residence Halls (June 21, 1961)**Purchase**

\$ 95 000	U. S. Treasury bills	5/14/64	\$ 94 459 74
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Student Services Building (May 17, 1961)**Purchase**

\$ 26 000	U. S. Treasury bills	5/14/64	\$ 25 852 14
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On motion of Mr. Swain, this report was received for record.

**ADDITION TO CONTRACT FOR CONSTRUCTION OF THE
ADMINISTRATION BUILDING**

(43) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$3,154.13 in the contract with Kuhne-Simmons Company, Inc., Urbana, for construction of the south addition to the Administration Building to provide for modifications in the electrical work and an increased number of lighting fixtures on the third floor, west end, of the new unit.

Funds are available in the project budget.

I concur.

On motion of Mr. Pogue, this change in contract was authorized.

EMPLOYMENT OF SPECIAL COUNSEL

(44) A suit has been filed in the Circuit Court of Cook County (63 C 18217) by the Harwald Company, Inc., a manufacturer and distributor of film inspection equipment. The Company was barred from bidding on University business for one year by action of the Board of Trustees on March 20, 1963. The complaint seeks damages for injuries to the plaintiff's reputation and business alleged to have been caused, in part, by reason of the March 20, 1963, Board action, an alleged failure by some of the defendants to exercise due diligence in the pursuit of their various functions at the University, and by actions of some defendants in connection with an opinion given to the University by an engineering firm as to the quality and utility of certain film inspection machines. The named defendants include, among others, the University and three of its employees. Each of the employees has stated that he was performing his University duties on all occasions referred to in the complaint and has requested the University to provide counsel to defend his legal rights in the matter. The Legal Counsel recommends that he be authorized to take such steps as are necessary or appropriate, including the employment of special legal counsel, to defend the University and its employees in the proceedings.

I concur.

On motion of Mr. Swain, this recommendation was approved, and authority was given as requested.

FUTURE BOARD MEETINGS

President Clement announced that the next two meetings will be held in Urbana, Illinois, on June 17 and July 22, 1964. He asked if the Board desired to consider the question of a meeting in August.

It was the consensus of the Board that this decision should be deferred until a later meeting.

ASSOCIATION OF GOVERNING BOARDS

Mrs. Watkins presented a report on the meeting of the Association of Governing Boards of Universities and Colleges held at the University of Nevada on May 14 and 15, which she attended as a representative

of the Board of Trustees and as a member of the Association's Executive Committee.

**REPORT ON ADMISSIONS TO THE UNIVERSITY OF ILLINOIS
AT URBANA FOR SEPTEMBER, 1964**

President Henry and Executive Vice-President and Provost Lanier reported on the enrollment demand at Urbana, and Vice-President Parker on the enrollment demand at the Chicago Undergraduate Division.

Because of the lack of housing accommodations, faculty, and academic space, coupled with an unprecedented number of applications for admission, many qualified applicants will be denied admission to the University of Illinois at Urbana next September.

Present indications are that the Chicago Undergraduate Division can accommodate only two-thirds of the qualified applications for admission in September, 1964.

A summary of the President's report was issued as a public announcement and a copy is filed with the Secretary of the Board for record.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; appointments of fellows made by the President; appointments of fellows made by the Dean of the Graduate College; declinations, resignations, and terminations; leaves of absence; sabbatical leaves of absence; retirements.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was approved by the President of the University. C = College; S = Station; E = Extension.)

AMER, AYOUB, Research Associate in Radiology, College of Dentistry, March 16-August 31, 1964, \$700 a month (4-9-64).

ANDREWS, JAMES H., Research Associate in the Institute of Government and Public Affairs, two months from July 1, 1964, \$775 a month (4-13-64.)

ARLT, MRS. PHYLLIS B., Instructor in Speech and Theatre, $\frac{1}{2}$ time, two months from June 16, 1964, \$782.22; this is in addition to her present appointment (4-2-64).

BABIAK, PAUL P., Catalog Assistant in the Library, five months from April 1, 1964, \$5,700 a year, supersedes (4-1-64).

BAUER, ANTHONY M., Research Assistant in City Planning and Landscape Architecture, two months from June 16, 1964, \$933.34 (3-24-64).

BHARADWAJ, RAMA KANT, Research Assistant in Entomology, two months from June 16, 1964, \$1,022.24 (4-16-64).

BRADLEY, WAYNE E., Research Assistant in the State Water Survey and in the Graduate College, one year from July 1, 1964, \$7,200 (4-2-64).

BRADY, U. EUGENE, JR., Research Assistant in Entomology, two months from June 16, 1964, \$1,000 (4-16-64).

CARTER, VERA J., Library Assistant in the Library, one year from September 1, 1964, \$5,700 (4-14-64).

CECE, JOSEPH D., Clinical Instructor in Medicine, College of Medicine, five months from April 1, 1964, without salary (4-16-64).

CHANDRAN, RAMAN SATISA, Research Assistant in Entomology, two months from June 16, 1964, \$1,022.24 (4-17-64).

CHENG, CHIN-CHUAN, Instructor in Linguistics, $\frac{3}{4}$ time, academic year 1964-65, \$5,300 (4-9-64).

CHITTY, JACK L., Clinical Instructor in Medicine, College of Medicine, six months from March 1, 1964, without salary (4-6-64).

CHU, SHIH-FAN, Research Assistant in Economics, two months from June 16, 1964, \$934 (4-2-64).

- CHURCHWELL, CHARLES D., Bookstacks Librarian in the Library, with rank of Instructor, June 15-August 31, 1964, \$625 a month, supersedes (4-17-64).
- CLAYTON, GEORGE T., Adviser for preregistration for entering freshmen in Architecture, $\frac{1}{2}$ time, June 16-August 4, 1964, \$900; this is in addition to his appointment as Associate Professor of Architecture (3-20-64).
- COHEN, GERALD, Clinical Instructor in Medicine, College of Medicine, five months from April 1, 1964, without salary (3-26-64).
- COWIN, JOHN W., Instructor in Chemistry, Chicago Undergraduate Division, Summer Session of 1964, June 19-August 14, 1964, \$1,689 for the period, supersedes previous Summer Session appointment (4-21-64).
- DASSO, JEROME J., Instructor in Finance, academic year 1964-65, \$9,500 (4-20-64).
- DEWEY, BRUCE R., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year 1964-65, \$3,000 (4-17-64).
- DICKERSON, ROBERT H., Research Associate in Physics (C), one year from September 1, 1964, \$8,000 (4-6-64).
- ERNST, EDWARD, Associate Professor of Electrical Engineering (C), two months from June 16, 1964, \$1,377.77 a month; this is in addition to his present appointment (4-20-64).
- GANS, RENA, Research Assistant in the State Water Survey and in the Graduate College, one year from July 1, 1964, \$6,000 (4-2-64).
- GARDNER, KARL E., Chief of Party, and Adviser to Principal at the Njala College, Sierra Leone, for service under Contract USAID/AFE 132, from February 1 through March 9, 1964, \$20,075 a year, and at the Campus Office of AID Projects from March 10 through March 15, 1964, \$18,250 a year; and Professor of Nutrition (Dairy Science), indefinite tenure, and Associate Dean of the College of Agriculture, March 16, 1964, through August 31, 1965, \$18,250 a year, supersedes (3-26-64).
- GOVINDJEE, MRS. RAJNI, Research Associate in Botany, six months from March 1, 1964, \$6,500 a year (4-9-64).
- HANSON, DONALD D., Associate Professor of Architecture and Chairman of the Department of Architecture, Chicago Undergraduate Division, June 16-August 31, 1964, \$3,639; this is in addition to his present appointment as Associate Professor of Architecture, Urbana (4-17-64).
- HIELSCHER, FRANK H., Research Assistant in Electrical Engineering (C), two months from June 16, 1964, \$977.76 (4-8-64).
- HOAR, VICTOR M., JR., Assistant in English, February 1-June 15, 1964, \$2,100, supersedes (4-16-64).
- HOLLADAY, DEE M., Associate Professor of General Engineering, Chicago Undergraduate Division, nine months from September 16, 1963, \$8,800, supersedes (3-26-64).
- HUITEMA, ROY, Professor of Chemistry, Chicago Undergraduate Division, Summer Session of 1964, June 19-August 14, 1964, \$2,800 for the period (4-21-64).
- ISAACS, KENNETH S., Research Associate in Psychiatry, College of Medicine, $\frac{1}{2}$ time, five months from April 1, 1964, \$6,000 a year, supersedes (4-13-64).
- KOELLING, ALFRED C., Instructor in Botany, Summer Session of 1964, June 15-August 8, 1964, \$1,334 for the period (4-4-64).
- LERNER, LEON M., Research Associate in Biological Chemistry, College of Medicine, four months from May 1, 1964, \$625 a month, supersedes (4-6-64).
- LEVITOV, EDITH S., Research Assistant in Psychiatry, College of Medicine, four months from May 1, 1964, \$583.33 a month, supersedes (4-2-64).
- LEWIS, OSCAR, Professor of Anthropology, two months from June 16, 1964, \$4,111.10; this is in addition to his present appointment (3-20-64).
- LIEM, KAREL F., Visiting Lecturer in Zoology, Summer Session of 1964, June 15-August 8, 1964, \$1,700 for the period (4-20-64).
- LINDBLAD, NERO R., Research Assistant in the State Water Survey and in the Graduate College, one year from July 1, 1964, \$8,400 (4-2-64).
- LINSTER, RICHARD L., Visiting Lecturer in Physics, Summer Session of 1964, June 15-August 8, 1964, \$2,300 for the period (4-20-64).

- LOCKE, ROBERT F., Consultant in Immunology, Medical Research Laboratory, Medical Center, Chicago, 1/10 time, March 15-August 31, 1964, \$1,500; this is in addition to his appointment as Clinical Assistant Professor of Preventive Medicine, College of Medicine, without salary (4-2-64).
- LOISEAUX, PIERRE R., Visiting Lecturer in Law, Summer Session of 1964, June 15-August 8, 1964, \$3,000 (4-6-64).
- MADDEN, JOHN J., Research Associate in Microbiology, five months from April 1, 1964, \$541.67 a month, supersedes (2-26-64).
- MAGRILL, ROSE M., Assistant in the Graduate School of Library Science, Summer Session of 1964, June 15-August 8, 1964, \$934 for the period (3-24-64).
- MATLIN, SAMUEL, Clinical Associate in Medicine, College of Medicine, and in Oral Medicine, College of Dentistry, four months from May 1, 1964, without salary, supersedes previous nonsalaried appointment (4-16-64).
- MATTHEWS, MRS. ELIZABETH W., Visiting Lecturer in the Graduate School of Library Science, Summer Session of 1964, June 15-August 8, 1964, \$1,800 for the period (4-14-64).
- MCGURK, FLORENCE F., Research Assistant in the State Water Survey and in the Graduate College, one year from July 1, 1964, \$6,000 (4-2-64).
- MCNEE, JOHN D., Professor of Art, Chicago Undergraduate Division, Summer Session of 1964, 1/2 time, June 19-August 14, 1964, \$1,167 for the period, supersedes previous Summer Session appointment (3-24-64).
- MICHEL, THOMAS F., Registered Pharmacist in Hospital Pharmacy, College of Pharmacy, March 22-August 31, 1964, \$7,200 a year (4-14-64).
- MICKLESEN, LEW R., Professor and Head of the Department of Slavic Languages and Literatures, one month from August 16, 1964, \$1,888.89; this is in addition to his appointment dated March 25, 1964 (3-31-64).
- MILES, HENRY J., Professor of Mathematics, Summer Session of 1964, 55/100 time, June 15-August 8, 1964, \$1,434 for the period, supersedes previous Summer Session appointment on 1/2 time (4-1-64).
- MONTH, MELVIN, Research Associate in Physics (C), one year from September 1, 1964, \$8,000 (4-6-64).
- MORIMOTO, TAKETOSHI, Research Associate in Physiology and Biophysics, one year from September 1, 1964, \$6,100 (4-16-64).
- MOSER, MRS. KAREN D., Research Assistant in Animal Science (S), April 6-August 31, 1964, \$2,094.43 (4-10-64).
- MUELLER, EUGENE A., Research Associate in the State Water Survey and in the Graduate College, 1/2 time, one year from July 1, 1964, \$6,300 (4-2-64).
- MUELLER, HENRY F., Research Associate in the State Water Survey and in the Graduate College, 1/2 time, one year from July 1, 1964, \$4,625 (4-2-64).
- MULLEN, JESS, Assistant (Architecture) in the Library, three months from June 1, 1964, \$1,400, supersedes (4-16-64).
- PHILCOX, MICHAEL E., Research Associate in Geology, one year from September 1, 1964, \$6,100 (3-26-64).
- PIERRET, ROBERT F., Research Assistant in Electrical Engineering (C), two months from June 16, 1964, \$977.76 (4-14-64).
- PIGGOTT, ROBERT W., Cataloger in the Library, with rank of Instructor, three months from June 1, 1964, \$508.34 a month (4-20-64).
- PINK, ROBERT J., Clinical Assistant in Medicine, College of Medicine, six months from March 1, 1964, without salary (4-9-64).
- PITT, CARL A., Adviser for Continuing and Advanced Enrollment, Division of Education, Chicago Undergraduate Division, June 22-August 14, 1964, \$2,045; this is in addition to his present appointment (4-21-64).
- RADICE, CANIO, Professor of Art, Chicago Undergraduate Division, June 19-August 14, 1964, \$2,400; this is in addition to his present appointment (3-26-64).
- RAFUSE, ROBERT W., JR., Assistant Professor of Economics, Summer Session of 1964, June 15-August 8, 1964, \$1,845 for the period, supersedes previous Summer Session appointment (4-16-64).
- RAHEJA, KRISHAN LAL, Research Assistant in Veterinary Physiology and Pharmacology, College of Veterinary Medicine, April 16-August 31, 1964, \$2,100, supersedes (4-16-64).
- RAMAN, ARAVAMUDHAN, Research Associate in Metallurgical Engineering (C), June 16-August 31, 1964, \$583.33 a month; and one year from September 1, 1964, \$7,000 (4-23-64).

- RAO, M. R. RAGHAVENDRA, Visiting Scientist in Chemistry, five months from April 1, 1964, \$3,750 (4-2-64).
- RICHARDSON, JOHN F., Professor of Art, Chicago Undergraduate Division, Summer Session of 1964, $\frac{1}{2}$ time, June 19-August 14, 1964, \$1,167 for the period (3-24-64).
- ROSS, HERBERT L., Instructor in Business Education, College of Commerce and Business Administration, $\frac{1}{2}$ time, academic year 1964-65, \$3,600 (4-20-64).
- ROYSTER, RICHARD S., Assistant Professor of General Engineering, Chicago Undergraduate Division, nine months from September 16, 1963, \$8,200, supersedes (3-26-64).
- SANDY, LESLIE W., Associate Coordinator of School-University Articulation, Office of Admissions and Records, one year from September 1, 1964, \$10,500 (4-17-64).
- SCHIELD, MRS. SANDRA S., Extramural Loans Librarian in the Library, with rank of Assistant, June 15-August 31, 1964, \$1,166.67 (4-10-64).
- SCHWARTZ, SUSAN S., Research Assistant in the State Water Survey and in the Graduate College, one year from July 1, 1964, \$6,000 (4-2-64).
- SHULMAN, HAROLD S., Assistant Professor of Psychology, Summer Session of 1964, $\frac{1}{2}$ time, June 15-August 8, 1964, \$1,100 for the period (4-1-64).
- SHULT, ERNEST E., Research Associate in Mathematics, June 16-August 31, 1964, \$2,250 (4-1-64).
- SIMS, ARTHUR L., Research Assistant in the State Water Survey and in the Graduate College, one year from July 1, 1964, \$9,600 (4-2-64).
- SOLLO, FRANK W., JR., Research Associate in the State Water Survey and in the Graduate College, 2/10 time, one year from July 1, 1964, \$3,000 (4-2-64).
- SOSA, GUSTAVO, Clinical Instructor in Medicine, College of Medicine, five months from April 1, 1964, without salary (4-16-64).
- SPELLBERG, RICHARD D., Research Assistant in Medicine, College of Medicine, July 15, 1964-June 30, 1965, \$5,400 a year (4-23-64).
- TENCZAR, THEODORE R., Clinical Instructor in Surgery, College of Medicine, six months from March 1, 1964, without salary (3-26-64).
- TICHENOR, DUANE, Research Associate in Vocational and Technical Education, College of Education, to render service during the second semester of the academic year 1963-64, \$3,100, supersedes (4-10-64).
- TIPLER, PAUL, Research Associate in Physics (C), four months from May 1, 1964, \$3,800 (4-9-64).
- WAGNER, MERLEE N., Assistant in Physical Medicine and Rehabilitation, College of Medicine, five months from April 1, 1964, \$6,300 a year (4-2-64).
- WEBER, HERBERT, Assistant in Physical Education for Men, $\frac{1}{2}$ time, and Research Assistant in Physical Education for Men, $\frac{1}{2}$ time, April 1-June 15, 1964, \$1,166.66, supersedes; and Research Assistant in Physical Education for Men, full time, two months from June 16, 1964, \$933.32 (4-20-64).
- WEBSTER, FRANCIS H., Research Assistant in Food Science (S), three months from June 1, 1964, \$1,300.02, supersedes (3-24-64).
- WHEATLEY, ROBERT C., Visiting Lecturer in Physics, Summer Session of 1964, June 15-August 8, 1964, \$2,100 for the period (4-21-64).
- WICKS, EUGENE C., Adviser for preregistration of entering freshmen in Art, $\frac{1}{3}$ time, June 16-August 4, 1964, \$600; this is in addition to his present appointment as Assistant Professor of Art (3-20-64).
- WILLIAMSON, HAROLD, JR., Instructor in Economics, academic year 1964-65, \$9,200 (4-20-64).
- WILSON, MRS. ELEANORE, Project Assistant in the State Natural History Survey and in the Graduate College, three months from April 1, 1964, \$900 (4-17-64).
- WILSON, VELMA K., Adviser for preregistration of entering freshmen in Music, 17/100 time, June 16-August 4, 1964, \$410; this is in addition to her present appointment (3-20-64).
- WOLTER, JANET M., Clinical Assistant Professor of Preventive Medicine, College of Medicine, five months from April 1, 1964, without salary (4-1-64).

FELLOWS

(The following appointments were made by the President of the University.)

- CHAPMAN, HENRY S., Edward L. Ryerson Traveling Fellow in Architecture for 1964-65.

KEUNE, RUSSELL V., Forty-first Francis J. Plym Fellow in Architecture for 1964-65.

MOYER, FREDERIC D., Thirtieth Francis J. Plym Fellow in Architectural Engineering for 1964.

THOMSEN, CHARLES H., Edward L. Ryerson Traveling Fellow in Landscape Architecture for 1964-65.

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

ALLEN CHRISTOPHER M., Fellow in Civil Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).

ANDERSON, CHARLES A., Teaching Fellow in Music, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).

ANDERSON, DEAN F., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$5,880 (4-17-64).

ANDERSON, FLOYD D., Fellow in Speech, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).

ANDERSON, WILLIAM D., Fellow in Political Science, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).

ANDREWS, ALAN, Fellow in Communications, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-24-64).

ARMSTRONG, ROBERT J., Hackett Fellow in Horticulture, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).

AUTEN, LAWRENCE J., Knox College Fellow in History, nine months from September 16, 1964, \$1,500 (4-1-64).

BAKER, LEROY E., National Science Foundation Trainee I in Civil Engineering, one year from September 1, 1964, \$2,400 (4-1-64).

BANISTER, ERIC W., Fellow in Physical Education, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).

BARNETT, LELAND B., Teaching Fellow in Zoology, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).

BEHAN, DONALD F., Continental Oil Fellow in Mathematics, nine months from September 16, 1964, \$2,200 (4-22-64).

BELDEN, CARL R., Fellow in Landscape Architecture, nine months from September 16, 1964, \$1,800 (4-1-64).

BELL, HAROLD L., James W. Garner Fellow in Political Science, nine months from September 16, 1964, \$2,000 (4-1-64).

BERGMANN, GERALD E., National Science Foundation Trainee II in Aeronautical and Astronautical Engineering, one year from September 1, 1964, \$5,600 (4-1-64).

BERNETT, WILLIAM A., Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1964, \$500 (4-1-64).

BILSON, MALCOLM, Teaching Fellow in Music, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).

BOLLES, THEODORE F., Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1964, \$500 (4-1-64).

BORNHOFEN, JOHN O., Fellow in Economics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).

BOWERS, MICHAEL T., Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1964, \$500 (4-1-64).

BRADFORD, LYLE L., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$5,310 (4-17-64).

BRASTED, LEE K., National Science Foundation Trainee I in Civil Engineering, one year from September 1, 1964, \$2,400 (4-1-64).

BREMER, NOLAN R., H. W. Wilson Fellow in Library Science, nine months from September 16, 1964, \$1,000 (4-1-64).

BREMSER, ALBERT H., National Lead Company (Titanium Division) Fellow in Ceramic Engineering, nine months from September 16, 1964, \$1,650 (4-1-64).

BROCKSTEIN, ALLAN J., Fellow in Electrical Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).

BROMELS, EDWARD, Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).

BROMLEY, ROGER, Fellow in English, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).

- BROSS, JAMES B., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$5,310 (4-17-64).
- BROWN, EUGENE F., Fellow in Mechanical Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- BRUINETTE, KONSTANT E., Fellow in Civil Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- BUETTNER, GRACE M., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$3,600 (4-17-64).
- BUNGER, MELODY P., Fellow in Creative and Performing Arts (Music), nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- BUTTERWORTH, DOUGLAS S., Fellow in Anthropology, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- BYARS, ROBERT S., Charles E. Merriam Fellow in Political Science, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- CAHILL, MICHAEL E., National Aeronautics and Space Administration Fellow (Trainee) in Astronomy, one year from September 1, 1964, \$2,400 (4-15-64).
- CARLEY, YVONNE F., General Foods Fellow in Home Economics, nine months from September 16, 1964, \$3,000 (3-23-64).
- CARLIN, JAMES W., Fellow in Electrical Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- CARLSON, NEIL R., National Aeronautics and Space Administration Fellow (Trainee) in Psychology, one year from September 1, 1964, \$2,400 (4-20-64).
- CARNS, WILLIAM E., National Science Foundation Trainee I in Electrical Engineering, one year from September 1, 1964, \$3,100 (4-1-64).
- CARR, WAYNE E., General Electric Fellow in Physics, nine months from September 16, 1964, \$2,500 (4-1-64).
- CARTER, ORWIN L., Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- CASPER, DENNIS J., Fellow in Philosophy, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- CEIDE-ECHEVARRIA, GLORIA, Fellow in Spanish, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- CHACKO, GEORGE K., Wright Fellow in Food Science, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- CHAMOT, DENNIS, Walter B. Brown Teaching Fellow in Chemistry, nine months from September 16, 1964, \$2,000 (4-1-64).
- CHAPPELL, JOHN S., Fellow in Music, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- CHARTOFF, JOE, Fellow in Accountancy, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- CHERNEY, JOSEPH M., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$4,740 (4-17-64).
- CHUA, LEON O., Fellow in Electrical Engineering, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- CLEM, JOHN R., United States Steel Foundation Fellow in Physics, nine months from September 16, 1964, \$2,100 (4-1-64).
- CLENDENEN, R. L., Fellow in Chemical Engineering, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- COLE, ROBERT E., Keio-Illinois Exchange Fellow in Labor and Industrial Relations, seven months from February 1, 1964, \$2,170, supersedes (3-31-64).
- COLLINS, ARNETTA R., Fellow in Social Work, nine months from September 16, 1964, \$1,800 (4-1-64).
- COOK, GERALD W., National Science Foundation Trainee I in Chemical Engineering, one year from September 1, 1964, \$2,400 (4-3-64).
- COULSON, JAMES H., Fellow in Civil Engineering, February 1-June 15, 1965, \$900; and two months from June 16, 1965, \$450 (4-1-64).
- COWELL, MARY J., Fellow in Dance, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- CRAWFORD, DAVID E., Fellow in Music, nine months from September 16, 1964, \$1,800 (4-1-64).

- CRINER, DOUGLAS E., Teaching Fellow in Economics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- DALBEY, MARCIA A., Fellow in English, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- D'ALQUEN, RICHARD J. E., Fellow in German, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450, supersedes (4-23-64).
- DANZIGER, EDMUND J., JR., Fellow in History, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- DAVIS, MARTIN L., National Science Foundation Trainee I in Civil Engineering, one year from September 1, 1964, \$2,400 (4-17-64).
- DEACON, TOM D. E., Teaching Fellow in French, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- DEERING, RICHARD J., Fellow in Economics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- DEES, JEROME S., Teaching Fellow in English, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- DELLER, RICHARD W., Sloan Foundation Fellow in Mechanical and Industrial Engineering, nine months from September 16, 1964, \$2,100 (4-1-64).
- DOLLINGER, MICHAEL B., International Business Machines Fellow in Mathematics, nine months from September 16, 1964, \$1,800 (4-1-64).
- DOLLINS, CHARLES C., National Science Foundation Trainee I in Metallurgy, nine months from September 16, 1964, \$1,800 (4-1-64).
- DOORNINK, DEAN G., National Science Foundation Trainee I in Mechanical Engineering, one year from September 1, 1964, \$3,400 (4-1-64).
- DRAAYER, DONALD R., Fellow in Education, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- DRAKE, GEORGE W. J., Fellow in Music, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- DRURY, ROBERT E., Fellow in Horticulture, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- DRYSDALE, WILLIAM H., National Aeronautics and Space Administration Fellow (Trainee) in Aeronautical and Astronautical Engineering, one year from September 1, 1964, \$2,600 (4-1-64).
- DUNLAP, WILLIAM H., Hackett Teaching Fellow in Agricultural Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- DURAND, DAVID A., Lubrizol Company Fellow in Chemistry, nine months from September 16, 1964, \$2,000 (4-22-64).
- ECKERT, DONALD D., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$5,310 (4-17-64).
- EDDY, ROBERT R., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$3,600 (4-17-64).
- EDWARDS, RALPH J., Fellow in Agronomy, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- EDWARDS, THOMAS E., National Aeronautics and Space Administration Fellow (Trainee) in Aeronautical Engineering, one year from September 1, 1964, \$2,400 (4-1-64).
- EILRICH, GARY L., Fellow in Agronomy, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- ELY, RICHARD W., Fellow in Geology, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- EMERSON, MICHAEL W. C., National Science Foundation Trainee I in Civil Engineering, nine months from September 16, 1964, \$3,300 (4-16-64).
- ERWIN, WILLIAM H., Fellow in Architecture, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- ETTER, WILLIAM C., National Science Foundation Trainee I in Civil Engineering, one year from September 1, 1964, \$2,900 (4-22-64).
- FABIJANIC, PAUL M., National Science Foundation Trainee I in Civil Engineering, one year from September 1, 1964, \$2,400 (4-1-64).
- FAILON, KEITH A., Teaching Fellow in Mathematics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- FEENEY, JAMES W., Fellow in Sociology, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).

- FERRELL, RAY E., JR., National Lead (Baroid Division) Fellow in Geology, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$375 (4-1-64).
- FERRIS, ROBERT F., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$5,880 (4-17-64).
- FLAATE, KAARE S., Fellow in Civil Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- FORBES, DELROY J., Fellow in Civil Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- FOURNEY, WILLIAM L., Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- FRADIN, FRANK Y., J. F. Ervin Foundation Fellow in Metallurgy, nine months from September 16, 1964, \$2,400 (4-9-64).
- FRANKLIN, MICHAEL L., Roger Adams Teaching Fellow in Chemistry, nine months from September 16, 1964, \$2,000 (4-1-64).
- FREUND, LAMBERT B., National Science Foundation Trainee I in Theoretical and Applied Mechanics, one year from September 1, 1964, \$2,400 (4-1-64).
- FRIEDMAN, EUGENE F., United States Public Health Service Predoctoral Fellow in Chemistry, one year from March 1, 1964, \$2,000 (3-24-64).
- FROST, STANLEY H., Shell Company Foundation Fellow in Geology, nine months from September 16, 1964, \$2,000 (4-6-64).
- FRYMAN, RICHARD F., Fellow in Economics, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- GALLAGHER, JOSEPH P., National Science Foundation Trainee I in Theoretical and Applied Mechanics, one year from September 1, 1964, \$2,400 (4-1-64).
- GANO, JAMES E., Eli Lilly and Company Fellow in Chemistry, nine months from September 16, 1964, \$2,000 (4-22-64).
- GARDNER, GENE M., Katherine L. Sharp Fellow in Library Science, nine months from September 16, 1964, \$500 (4-1-64).
- GARRETT, MICHAEL B., Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1964, \$500 (4-1-64).
- GEHARDT, SUE P., Fellow in Art, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- GEHLBACH, MRS. SALLY J., General Foods Fellow in Home Economics, nine months from September 16, 1964, \$2,000 (4-1-64).
- GEISLER, PAMELA A., Fellow in Astronomy, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- GERBER, HOMER C., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$4,170 (4-17-64).
- GETZ, BENETTE, Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- GIBSON, WILLIAM R., Fellow in Animal Science, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- GIVENS, ROGER W., Fellow in Physics, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- GOODING, FREDERIC, JR., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$4,740 (4-17-64).
- GOODWIN, WILLIAM A., Fellow in Nuclear Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- GORDON, DONALD J., Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- GORDON, MICHAEL D., Fellow in Chemistry, nine months from September 16, 1964, \$2,000 (4-1-64).
- GORE, ERNEST S., Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- GREENAWAY, WILLIAM K., Bradley University Fellow in Sociology, nine months from September 16, 1964, \$1,800 (4-1-64).
- GUESS, SUAN, Illinois Wesleyan University Fellow in Art, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-10-64).
- GUPTA, JOGINDAR P., Fellow in the Creative and Performing Arts (Architecture), nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).

- GUSTAFSON, WILLIAM C., National Science Foundation Trainee II in Civil Engineering, one year from September 1, 1964, \$2,600 (4-1-64).
- HAFLEY, NORMAN C., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$4,170 (4-17-64).
- HALL, LELAND E., Kendric C. Babcock Fellow in Political Science, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- HALL, MARION A., Fellow in Music, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- HALL, RICHARD S., Teaching Fellow in Mathematics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- HALVERSON, ROY K., Teaching Fellow in Communications, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- HAMMEL, ARNOLD D., Fellow in Mathematics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- HANFT, RAYMOND W., General Atomic Dynamics Fellow in Physics, nine months from September 16, 1964, \$2,400 (4-1-64).
- HANNULA, THOMAS A., National Aeronautics and Space Administration Fellow (Trainee) in Mathematics, one year from September 1, 1964, \$3,200 (4-1-64).
- HARPER, HARRIET L., Fellow in Creative and Performing Arts (Speech), nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- HARTWELL, GEORGE E., JR., Dow Chemical Company Fellow in Chemistry, nine months from September 16, 1964, \$1,900 (4-22-64).
- HASKELL, WILLIAM L., Fellow in Physical Education, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- HAUCK, RICHARD B., Teaching Fellow in English, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- HAUER, WILLIAM R., Fellow in English, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- HAWKINS, PATRICIA J., Fellow in Creative and Performing Arts (Music), nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- HAY, ARTHUR J., Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- HAYNIE, RICHARD L., Teaching Fellow in French, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- HEATH, CHRISTOPHER P., Fellow in Geology, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- HECHT, ROBERT J., Union Carbide Corporation Fellow in Physics, nine months from September 16, 1964, \$2,100 (4-1-64).
- HEGGAN, JON P., Therese Garner Fellow in Political Science, nine months from September 16, 1964, \$2,000 (4-1-64).
- HENRY, ARTHUR C., Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- HERCEG, JOSEPH E., National Aeronautics and Space Administration Fellow (Trainee) in Nuclear Engineering, one year from September 1, 1964, \$2,600 (4-1-64).
- HERNER, JAMES P., National Aeronautics and Space Administration Fellow (Trainee) in Electrical Engineering, one year from September 1, 1964, \$2,600 (4-1-64).
- HERSHBERGER, LOTUS D., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$4,170 (4-17-64).
- HEUSSMAN, JOHN W., Fellow in Library Science, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- HILL, ROBERTA B., United States Public Health Postdoctoral Fellow in Animal Science, six months from March 1, 1964, \$3,400.02 (3-18-64).
- HITE, GERALD E., Fellow in Physics, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- HOBIN, TERENCE J., Fellow in Mathematics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- HOFFMAN, MARTIN R., National Aeronautics and Space Administration Fellow (Trainee) in Mathematics, one year from September 1, 1964, \$2,600 (4-1-64).

- HOLT, CLARENCE M., JR., National Science Foundation Trainee I in Electrical Engineering, one year from September 1, 1964, \$2,400 (4-1-64).
- HORNYIK, KARL, Fellow in Nuclear Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- HOUCHENS, ALBERT F., Fellow in Mechanical Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- HOYT, RONNIE A., National Science Foundation Trainee II in Electrical Engineering, nine months from September 16, 1964, \$1,950 (4-6-64).
- HSIA, KELLY YU, Fellow in Electrical Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- HUNTER, WILLIAM R., Fellow in Physics, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- ISSA, AHMAD DAUOD MOHAMMAD, Fellow in Finance, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- IVERSON, SHIRLEY L., Fellow in Russian, nine months from September 16, 1964, \$2,200 (4-1-64).
- JANZOW, EDWARD F., National Science Foundation Trainee II in Nuclear Engineering, one year from September 1, 1964, \$2,600 (4-1-64).
- JEFERS, WILLIAM Q., National Science Foundation Trainee II in Electrical Engineering, one year from September 1, 1964, \$2,600 (4-1-64).
- JOHNSON, CHARLES W., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$4,170 (4-17-64).
- JOHNSON, MILO R., National Science Foundation Trainee I in Electrical Engineering, one year from September 1, 1964, \$2,900 (4-10-64).
- JOHNSON, RICHARD T., Teaching Fellow in Physics, nine months from September 16, 1964, \$2,000; and two months from June 16, 1964, \$500 (4-1-64).
- JOHS, HILBERT, National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$4,170 (4-17-64).
- JONES, GWEN E., Fellow in Music, nine months from September 16, 1964, \$2,200 (4-1-64).
- JONES, JANICE E., Fellow in Geography, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- JONES, KENNETH A., National Science Foundation Trainee II in Metallurgy, one year from September 1, 1964, \$2,600 (4-1-64).
- JONES, MACK H., John A. Fairlie Fellow in Political Science, nine months from September 16, 1964, \$2,000; and two months from June 16, 1964, \$500 (4-1-64).
- JONES, ROBERT H., Postdoctoral Fellow in Economics, two months from June 16, 1964, \$2,900 (4-10-64).
- JORDAN, JAMES W., Fellow in Art, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- JORGENSEN, PAUL C., North Central College Teaching Fellow in Mathematics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- KALINOWSKI, JOSEPH J., National Science Foundation Trainee I in Electrical Engineering, one year from September 1, 1964, \$2,400 (4-3-64).
- KELLOGG, ROSALIND W., Fellow in Anthropology, nine months from September 16, 1964, \$1,800 (4-1-64).
- KEMPLE, MARVIN D., Fellow in Physics, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- KILLBY, VIRGINIA A. A., Fellow in Zoology, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- KILLPATRICK, ALLEN, Millikin University Fellow in Physics, nine months from September 16, 1964, \$1,500 (4-1-64).
- KIM, THOMAS J., Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- KIRBY, ALBERT C., National Aeronautics and Space Administration Fellow (Trainee) in Physiology, one year from September 1, 1964, \$3,200 (4-1-64).
- KIRSCH, WILLIAM J., Kendric C. Babcock Fellow in Political Science, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- KLOT, STEVEN E., Fellow in Political Science, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- KOOB, JOHN D., Fellow in Botany, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).

- KOSTELNICEK, RICHARD J., Fellow in Electrical Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- KRANTZ, PAUL G., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$5,880 (4-17-64).
- KREIDER, STANLEY, National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$5,310 (4-17-64).
- KRYSAN, JAMES L., Fellow in Entomology, nine months from September 16, 1964, \$2,200 (4-1-64).
- KUEHL, JEAN A., Fellow in Biology, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- KUYPERS, DAVID S., Teaching Fellow in Psychology, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- LABER, DOUGLAS, Pittsburgh Plate Glass Company Fellow in Ceramic Engineering, nine months from September 16, 1964, \$1,800 (4-1-64).
- LAGERQUIST, DENNIS R., National Aeronautics and Space Administration Fellow (Trainee) in Civil Engineering, one year from September 1, 1964, \$3,200 (4-1-64).
- LANGNER, ERNEST H., Fellow in Dairy Technology, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- LARSON, MYRA J., Fellow in Zoology, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- LEBECK, ALAN O., Teaching Fellow in Mechanical Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- LEE, PETER SHU-TI, Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1964, \$500 (4-1-64).
- LEIR, CHARLES M., Sinclair Refining Company Fellow in Chemistry, nine months from September 16, 1964, \$1,800 (4-22-64).
- LEMAY, HAROLD E., JR., Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- LENDRUM, LESTER M., National Science Foundation Trainee I in Electrical Engineering, one year from September 1, 1964, \$2,400 (4-1-64).
- LENKSZUS, FRANK R., National Science Foundation Trainee I in Electrical Engineering, one year from September 1, 1964, \$2,400 (4-1-64).
- LEVEY, JAMES R., Fellow in Civil Engineering, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- LILIENTHAL, PAUL A., National Aeronautics and Space Administration Fellow (Trainee) in Theoretical and Applied Mechanics, one year from September 1, 1964, \$2,400 (4-17-64).
- LLOYD, JOHN P., National Science Foundation Trainee I in Agricultural Engineering, one year from September 1, 1964, \$2,400 (4-1-64).
- LOFGREN, ALICE L., Fellow in French, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- LOKEN, JULIE L., Fellow in Social Work, nine months from September 16, 1964, \$1,800 (4-1-64).
- LOSEE, DAVID L., National Aeronautics and Space Administration Fellow (Trainee) in Physics, one year from September 1, 1964, \$3,200 (4-1-64).
- LOYD, LAYMOND B., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$4,740 (4-17-64).
- LUCAS, KENNETH R., C. S. Marvel Fellow in Chemistry, nine months from September 16, 1964, \$2,000 (4-22-64).
- LUESCHEN, WILLIAM E., Hackett Fellow in Agronomy, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- LUNDE, KAREN A., Teaching Fellow in French, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- LUSTIG, JEREMY, Teaching Fellow in Music, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- MACDOUGALL, CAROLYN S., Fellow in Chemistry, nine months from September 16, 1964, \$2,000 (4-1-64).
- MADDOX, JOSEPH V., Fellow in Entomology, nine months from September 16, 1964, \$1,800 (4-1-64).
- MARKHAM, DOUGLAS D., Teaching Fellow in German, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).

- MATZ, CHARLES F., Fellow in Botany, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- MAYBERRY, JOHN P., Fellow in Mathematics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- MCARTHUR, CAROLYN M., Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1964, \$500 (4-1-64).
- MCCORMICK, JAMES L., Fellow in Chemical Engineering, September 16, 1964-January 31, 1965, \$1,000; and two months from June 16, 1964, \$500 (4-1-64).
- MCDONALD, ROBERT A., Fellow in Art, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- MCGLAMERY, MARSHAL D., Fellow in Agronomy, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- MECH, WILLIAM P., Fellow in Mathematics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- MEDROW, ROBERT A., National Science Foundation Trainee II in Mechanical Engineering, nine months from September 16, 1964, \$2,325 (4-9-64).
- MEEK, CHARLES C., National Science Foundation Trainee I in Nuclear Engineering, one year from September 1, 1964, \$2,400 (4-1-64).
- MEINECKE, FRED K., Fellow in Linguistics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- MESSER, WAYNE R., Robert F. Carr Teaching Fellow in Chemistry, February 1-June 15, 1965, \$1,000 (4-1-64).
- MICHAEL, FREDERICK W., National Science Foundation Trainee I in Civil Engineering, one year from September 1, 1964, \$2,400 (4-1-64).
- MIESEL, JOHN L., Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- MILLER, RONALD E., National Science Foundation Trainee I in Metallurgy, one year from September 1, 1964, \$2,900 (4-9-64).
- MILLIGAN, DAVID V., National Aeronautics and Space Administration Fellow (Trainee) in Chemistry, one year from September 1, 1964, \$3,400 (4-1-64).
- MISHKIN, DAVID J., Lilly Endowment Fellow in Economics, one year from June 16, 1964, \$2,500 (4-1-64).
- MITCHELL, JAMES E., Fellow in Chemical Engineering, September 16, 1964-January 31, 1965, \$1,000; and two months from June 16, 1964, \$500 (4-1-64).
- MONAHAN, MAURICE L., Fellow in Mathematics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- MORLEY, LARRY J., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$4,740 (4-17-64).
- MRSTIK, VINCENT, JR., Fellow in Electrical Engineering, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- MUSLINER, WALTER J., Fellow in Chemistry, nine months from September 16, 1964, \$2,000 (4-1-64).
- MUU, LE TRONG, Fellow in Electrical Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- MYERS, SHARON L., Fellow in Education, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- NANZETTA, PHILIP N., Fellow in Mathematics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- NEUFELDT, V. ALFRED, Teaching Fellow in English, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- NIEVERGELT, JURG, Fellow in Mathematics, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- NING, ROBERT Y., Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1964, \$500 (4-1-64).
- NISS, JAMES F., Fellow in Economics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- NUNNALLY, NELSON R., Fellow in Geography, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- O'BLOCK, FRANCIS R., United States Office of Education Fellow (Trainee) in Education, one year from February 1, 1964, \$2,400 (3-20-64).
- O'BRIEN, TIMOTHY J., Fellow in Agronomy, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).

- OISHI, ROY K., National Science Foundation Trainee I in Electrical Engineering, one year from September 1, 1964, \$2,400 (4-1-64).
- OSTRANDER, LINDA W., Teaching Fellow in Music, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- OTTAWAY, MARK C. C., Fellow in Journalism, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- OVERBY, LACY R., Postdoctoral Fellow (Trainee) in Microbiology, six months from March 1, 1964, \$1,200 (4-7-64).
- OWEN, AUDREY M., Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- OZANNE, JERRY M., National Science Foundation Trainee I in Theoretical and Applied Mechanics, one year from September 1, 1964, \$2,400 (4-1-64).
- PALEN, JOSEPH W., Shell Company Foundation Fellow in Chemical Engineering, eleven months from September 16, 1964, \$3,200 (4-1-64).
- PATTENGILL, MERLE D., Walter Brown Teaching Fellow in Chemistry, nine months from September 16, 1964, \$2,000 (4-7-64).
- PATTERSON, GARRY J., National Aeronautics and Space Administration Fellow (Trainee) in Civil Engineering, one year from September 1, 1964, \$2,400 (4-1-64).
- PATTON, FRANKLIN D., Fellow in Geology, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- PAULSON, GARY C., National Science Foundation Trainee II in Ceramic Engineering, one year from September 1, 1964, \$4,600 (4-1-64).
- PERSHING, ROSCOE L., Teaching Fellow in Agricultural Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- PETERSON, SALLY J., Fellow in Speech, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- PHILLIPS, JACK L., Monmouth College Fellow in Physics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- PHILLIPS, ROBERT D., Teaching Fellow in Classics, nine months from September 16, 1964; and two months from June 16, 1965, \$450 (4-1-64).
- PIERDOS, THEODORA, Fellow in History, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- PIFER, JOE H., Eastman Kodak Fellow in Physics, nine months from September 16, 1964, \$2,400 (4-1-64).
- PLATANITIS, ALEXANDER G., General Electric Fellow in Electrical Engineering, nine months from September 16, 1964, \$2,500 (4-1-64).
- PLECK, MICHAEL H., National Science Foundation Trainee I in Mechanical Engineering, one year from September 1, 1964, \$2,400 (4-1-64).
- PLEVAN, ROBERT E., Fellow in Chemical Engineering, September 16, 1964-January 31, 1965, \$1,000; and two months from June 16, 1964, \$500 (4-1-64).
- POCHAN, JOHN M., Walter B. Brown Fellow in Chemistry, nine months from September 16, 1964, \$2,000 (4-1-64).
- PODBELSEK, ALLAN R., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$4,170 (4-17-64).
- PUCKETT, REGINALD T., Allied Chemical Corporation Fellow in Chemistry, nine months from September 16, 1964, \$2,000 (4-22-64).
- PURCELL, KEITH F., Gillette-Toni Fellow in Chemistry, nine months from September 16, 1964, \$2,500 (4-22-64).
- QUIRK, RODERIC P., Union Carbide Chemical Corporation Fellow in Chemistry, nine months from September 16, 1964, \$2,100 (4-22-64).
- RACSTER, RONALD L., Fellow in Finance, nine months from September 16, 1964, \$2,200; and two months from June 16, 1964, \$500 (4-1-64).
- RAJA, K. G. VARMA, Fellow in Animal Science, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- RAYL, MARTIN, Fellow in Physics, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- RAZ, AMIRAM, Teaching Fellow in Food Science, nine months from September 16, 1964, \$1,950; and two months from June 16, 1965, \$500 (4-1-64).
- RICH, DANIEL L., Fellow in Civil Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).

- RICHARDSON, JUDITH E., Wright Fellow in Home Economics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- RICHARDSON, RAYMOND E., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$4,740 (4-17-64).
- RINGENBERG, RICHARD R., National Aeronautics and Space Administration Fellow (Trainee) in Mathematics, one year from September 1, 1964, \$2,400 (4-23-64).
- ROBERTS, CHARLES E., JR., National Aeronautics and Space Administration Fellow (Trainee) in Mathematics, one year from September 1, 1964, \$3,000 (4-20-64).
- ROBERTSON, C. WARREN, Shubert Fellow in Playwriting (Speech and Theatre), nine months from September 16, 1964, \$2,500 (4-14-64).
- ROKUS, JOSEF W., National Science Foundation Trainee I in Electrical Engineering, nine months from September 16, 1964, \$1,800 (4-1-64).
- ROLEY, PAUL L., Kendric C. Babcock Fellow in History, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- ROOT, RONALD B., National Science Foundation Trainee I in Chemical Engineering, one year from September 1, 1964, \$2,400 (4-10-64).
- ROSENTHAL, MICHAEL R., Socony-Mobil Fellow in Chemistry, nine months from September 16, 1964, \$2,000 (4-22-64).
- ROTH, KENNETH R., National Science Foundation Trainee I in Aeronautical and Astronautical Engineering, one year from September 1, 1964, \$2,400 (4-1-64).
- RUBIN, DAVID L., Teaching Fellow in French, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- SAAM, WILLIAM F., National Aeronautics and Space Administration Fellow (Trainee) in Physics, one year from September 1, 1964, \$3,400 (4-13-64).
- SABACKY, MILTON J., Rohm and Haas Fellow in Chemistry, nine months from September 16, 1964, \$1,900 (4-22-64).
- SAFIUDDIN, MOHAMMED, Fellow in Electrical Engineering, nine months from September 16, 1964, \$1,800 (4-1-64).
- SCHAEJBE, FREDERICK W., National Science Foundation Trainee I in Civil Engineering, one year from September 1, 1964, \$2,400 (4-1-64).
- SCHOENBECK, FRANKLYN C., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$3,600 (4-17-64).
- SCHWARTZ, PAUL M., National Aeronautics and Space Administration Fellow (Trainee) in Physics, one year from September 1, 1964, \$2,400 (4-1-64).
- SEINFELD, MERI, Fellow in Spanish, nine months from September 16, 1964, \$1,800 (4-1-64).
- SELL, MAURICE G., JR., Procter and Gamble Company Summer Fellow in Chemical Engineering, two months from June 16, 1964, \$400 (3-16-64).
- SESTIERI, VALERIA, Teaching Fellow in Italian, nine months from September 16, 1964, \$2,200; and two months from June 16, 1964, \$500 (4-1-64).
- SHALEK, PETER D., Teaching Fellow in Ceramic Engineering, September 16, 1964-January 31, 1965, \$900 (4-1-64).
- SHARPE, THOMAS R., Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1964, \$500 (4-1-64).
- SHIREY, RICHARD N., Fellow in Music, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- SHOEB, NAGWA K., Fellow in English, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- SHUCARD, STEPHEN C., Teaching Fellow in Classics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-17-64).
- SIDDIQUI, ISLAM A., Wright Fellow in Plant Pathology, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-9-64).
- SINCLAIR, KENNETH E., Fellow in Education, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- SINDERMAN, BERNARD M., National Aeronautics and Space Administration Fellow (Trainee) in Aeronautical and Astronautical Engineering, one year from September 1, 1964, \$2,400 (4-15-64).
- SKIERSKI, THEODORE C., National Science Foundation Trainee I in Mechanical Engineering, one year from September 1, 1964, \$3,400 (4-1-64).
- SMASHEY, JOHN L., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$4,740 (4-17-64).

- SMILEY, MARILYNN J., Fellow in Music, two months from June 16, 1964, \$450 (4-1-64).
- SMITH, ALLAN J., Fellow in Urban Planning, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- SMITH, EDWARD D., National Aeronautics and Space Administration Fellow (Trainee) in Mechanical Engineering, one year from September 1, 1964, \$2,400 (4-1-64).
- SMITH, GEORGE H., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$3,600 (4-17-64).
- SO, KAM-CHUEN, Fellow in Electrical Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- SOLOMON, DIANE, Fellow in Spanish, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- SPENCLEY, KENNETH, Fellow in English, nine months from September 16, 1964, \$2,200; and two months from June 16, 1964, \$500 (4-1-64).
- SPINOSA, FRANK, Teaching Fellow in Music, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- STEELE, DAVID L., Fellow in Physics, nine months from September 16, 1964, \$2,200 (4-1-64).
- STEINER, WILLIAM G., National Science Foundation Trainee I in Electrical Engineering, one year from September 1, 1964, \$2,400 (4-1-64).
- STONE, ROBERT G., Fellow in Chemistry, nine months from September 16, 1964, \$2,000 (4-1-64).
- STORCH, KAY E., United States Public Health Service Fellow (Trainee) in Physiology, one year from June 16, 1964, \$2,666.66 (4-1-64).
- STURGUL, JOHN R., National Science Foundation Trainee II in Mining Engineering, one year from September 1, 1964, \$2,400 (4-1-64).
- SWANSON, JOEL L., National Science Foundation Trainee I in Civil Engineering, one year from September 1, 1964, \$2,400 (4-17-64).
- SWETMAN, GRAHAM D., Fellow in Business Administration, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- SZENTKIRALYI, ANDRAS, Fellow in Creative and Performing Arts (Music), nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- SZURSZEWSKI, JOSEPH H., Fellow in Physiology, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- TAKIZAWA, BILL H., Teaching Fellow in Geography, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- TASCH, ALOYSIOUS F., National Aeronautics and Space Administration Fellow (Trainee) in Physics, one year from September 1, 1964, \$2,600 (4-1-64).
- TETZ, GUENTHER, Fellow in Creative and Performing Arts (Art), nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- THODEY, ALAN R., Wright Fellow in Agricultural Economics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- THOMAS, CHARLES G., Fellow in Mathematics, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- TILLING, JAMES R., Charles E. Merriam Fellow in Political Science, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-10-64).
- TOWER, ROGER E., National Science Foundation Trainee I in Chemical Engineering, nine months from September 16, 1964, \$1,800 (4-1-64).
- TRACEY, ROBERT J., Paul V. Galvin Fellow in Electrical Engineering, nine months from September 16, 1964, \$2,500 (4-1-64).
- TRAVERS, KENNETH J., Fellow in Education, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- TREPTOW, RICHARD S., August Kochs Fellow in Chemistry, nine months from September 16, 1964, \$2,000 (4-22-64).
- TRUITT, CATHERINE C., Fellow in Mathematics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- UNLAND, MARK L., Sun Oil Company Fellow in Chemistry, nine months from September 16, 1964, \$2,400; and two months from June 16, 1965, \$500 (4-22-64).

- VANDER HART, DAVID L., Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1964, \$500 (4-1-64).
- VAN DER NAALD, ANJE, Fellow in Spanish, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- VAN DER VOORN, PETER C., Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1965, \$500 (4-1-64).
- VEDDER, RICHARD K., Fellow in Economics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- VESELY, WILLIAM E., JR., National Aeronautics and Space Administration Fellow (Trainee) in Nuclear Engineering, one year from September 1, 1964, \$2,400 (4-1-64).
- VOGENTHALER, JOHN L., Fellow in History, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- VOLD, BARBARA S., Fellow in Botany, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- WAINEO, DOUGLAS K., Fellow in Electrical Engineering, nine months from September 16, 1964, \$1,800 (4-1-64).
- WALLACE, LINDA, Wheaton College Fellow in English, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- WANTLAND, LARRY R., Hackett Fellow in Food Science, nine months from September 16, 1964, \$2,200; and two months from June 16, 1965, \$500 (4-1-64).
- WARD, WILLIAM J., III, Fellow in Chemical Engineering, September 16, 1964-January 31, 1965, \$1,000 (4-1-64).
- WEDEKIND, GILBERT L., National Science Foundation Trainee III in Mechanical Engineering, one year from September 1, 1964, \$3,300 (4-21-64).
- WEIKEL, MARY A., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1964, \$3,600 (4-17-64).
- WERNER, RONALD A., National Science Foundation Trainee I in Electrical Engineering, one year from September 1, 1964, \$2,400 (4-3-64).
- WICKERSHEIM, ROBERT D., National Science Foundation Trainee I in Electrical Engineering, nine months from September 16, 1964, \$1,800 (4-7-64).
- WILSON, THOMAS D., James W. Garner Fellow in Political Science, nine months from September 16, 1964, \$2,000 (4-1-64).
- WILTON, DONALD R., National Science Foundation Trainee I in Electrical Engineering, nine months from September 16, 1964, \$1,800 (4-9-64).
- WINANS, ROGER M., Teaching Fellow in Economics, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- WOLLMAN, JACK B., Fellow in Accountancy, nine months from September 16, 1964, \$1,800 (4-1-64).
- WRIGHT, GARY N., National Science Foundation Trainee I in Nuclear Engineering, one year from September 1, 1964, \$2,400 (4-17-64).
- WU, SHU-YAU, Fellow in Electrical Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1965, \$450 (4-1-64).
- YAREMA, RAYMOND J., National Science Foundation Trainee I in Electrical Engineering, nine months from September 16, 1964, \$1,800 (4-3-64).
- YOUNG, DONALD E., National Science Foundation Trainee I in Electrical Engineering, one year from September 1, 1964, \$2,400 (4-16-64).
- ZARGHAMEE, MEHDI S., Fellow in Civil Engineering, nine months from September 16, 1964, \$1,800; and two months from June 16, 1964, \$450 (4-1-64).
- ZEMANEK, JANICE R., Fellow in Mathematics, nine months from September 16, 1964, \$2,000; and two months from June 16, 1964, \$450 (4-1-64).
- ZUMDAHL, STEVEN S., Fellow in Chemistry, nine months from September 16, 1964, \$2,000; and two months from June 16, 1964, \$500 (4-1-64).

RESIGNATIONS, DECLINATIONS, AND TERMINATIONS

- BARTRAM, HARLAN G., Assistant Professor of Mathematics, Summer Session of 1964—declination effective June 15, 1964; and Assistant Professor of Mathematics—resignation effective September 1, 1964.
- BAUMAN, PHILIP A., Assistant Professor of Electrical Engineering, Summer Session of 1964—declination effective June 15, 1964.
- BERGERON, RICHARD T., Instructor in Radiology, College of Medicine—resignation effective June 1, 1964.
- BLEVINS, MRS. MARCIA C., Assistant Reference Librarian with rank of Instructor—resignation effective September 1, 1964.

- BROUSSARD, LOUIS, Assistant Professor of English, Chicago Undergraduate Division, Summer Session of 1964—declination effective June 19, 1964.
- CAMPBELL, MARILYN, Instructor in Audiology, College of Medicine—resignation effective May 1, 1964.
- CASTEN, SABINE, Instructor in Chemistry, Chicago Undergraduate Division, Summer Session of 1964—declination effective June 19, 1964.
- COX, GEORGE, Research Associate in Biological Chemistry, College of Medicine—termination effective February 1, 1964.
- CULLEN, F. PATRICIA, Instructor in Physical Education for Women—resignation effective September 1, 1964.
- D'ALQUEN, RICHARD J. E., Assistant in Germanic Languages and Literatures, Summer Session of 1964—resignation effective June 15, 1964.
- DRYSDALE, WILLIAM H., National Aeronautics and Space Administration Fellow in Aeronautical and Astronautical Engineering—resignation effective June 1, 1964.
- DUCKWORTH, PAUL E., Fellow in Accountancy—resignation effective June 16, 1964.
- FITZGERALD, JAMES E., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science—resignation effective April 1, 1964.
- FLOOD, KENNETH U., Associate Professor of Business Administration—resignation effective September 1, 1964.
- GHOLSON, CHARLES A., Assistant in Soil Fertility—resignation effective April 28, 1964.
- GREENBERG, MICHAEL J., Assistant Professor of Zoology—resignation effective September 1, 1964.
- HANDLER, JOEL F., Assistant Professor of Law—resignation effective September 1, 1964.
- HARPRING, LINDA, United States Public Health Service Fellow (Trainee) in Chemistry—resignation effective September 16, 1963.
- HAWKLAND, WILLIAM D., Professor of Law—resignation effective September 1, 1964.
- HUTCHINSON, JOHN W., Associate Professor of Civil Engineering—resignation effective September 1, 1964.
- JEWETT, ROBERT A., Associate Professor of General Engineering, Summer Session of 1964—resignation effective June 15, 1964.
- KING, IVAN R., Associate Professor of Astronomy—resignation effective September 1, 1964.
- KOKKEDEE, JACOBUS JEAN JACQUES, Research Associate in Physics—resignation effective April 19, 1964.
- LINDSEY, JOHN M., Assistant Law Librarian with rank of Instructor—resignation effective September 1, 1964.
- LIPMAN, VIVIAN C., Assistant Professor of Psychology, Chicago Undergraduate Division, Summer Session of 1964—declination effective June 19, 1964.
- MARTIN, DEAN F., Assistant Professor of Inorganic Chemistry—resignation effective September 1, 1964.
- MCCAFFREY, LAWRENCE J., Associate Professor of History in the Division of General Studies—resignation effective September 1, 1964.
- MELOY, CARL R., Professor of Chemistry, Chicago Undergraduate Division, Summer Session of 1964—resignation effective June 19, 1964.
- MILLER, ROBERT A., Research Associate in Horticulture—resignation effective May 16, 1964.
- MISCHKE, RICHARD E., National Science Foundation Cooperative Fellow in Physics—resignation effective June 1, 1964.
- MOYER, JAMES E., Associate Professor of Advertising, Summer Session of 1964—declination effective June 15, 1964.
- NASH, WILLIAM V., Bookstacks Librarian with rank of Instructor—resignation effective June 1, 1964.
- NEUMANN, ALVIN L., Professor of Animal Science—resignation effective July 1, 1964.
- NISHIDA, MRS. SAKIKO, Research Assistant in Nutritional Biochemistry—resignation effective June 1, 1964.

- O'CONNOR, BRIAN R., National Science Foundation Graduate Fellow in Chemistry — resignation effective April 16, 1964.
- PAIK, CHEI-MIN, Assistant Professor of Business Administration — resignation effective September 1, 1964.
- PALUDAN, MARSHA M., Teaching Fellow in Dance — resignation effective June 16, 1964.
- PARNAS, MRS. HANNA G., Research Assistant in Microbiology — resignation effective May 1, 1964.
- PELTASON, JACK W., Professor of Political Science and Dean of the College of Liberal Arts and Sciences — resignation effective September 1, 1964.
- PERLMUTTER, DANIEL D., Assistant Professor of Chemical Engineering — resignation effective September 1, 1964.
- RESEK, ROBERT W., Assistant Professor of Economics, Summer Session of 1964 — declination effective June 15, 1964.
- ROBERTS, DONALD M., Associate Professor of Economics, College of Commerce and Business Administration, and of Mathematics, College of Liberal Arts and Sciences — resignation effective September 1, 1964.
- SAGEN, H. BRADLEY, Assistant Director of the Bureau of Institutional Research, Executive Vice-President and Provost's Office; and Assistant Professor of Educational Psychology — resignation effective June 16, 1964.
- SCHAD, CAROL J., Assistant Professor of Occupational Therapy, College of Medicine — resignation effective May 1, 1964.
- SCHLOSSER, ROBERT E., Associate Professor of Accountancy, Summer Session of 1964 — declination effective June 15, 1964.
- SCHMITZ, ROGER A., Fellow in Chemical Engineering — declination effective June 16, 1964.
- SMITH, DALE M., Associate Professor of Botany — resignation effective September 1, 1964.
- TAYLOR, DOUGLAS H., Fellow in Mathematics — resignation effective June 16, 1964.
- TRENSKY, PAUL I., Assistant Professor of Russian — resignation effective September 1, 1964.
- VELETSOS, ANESTIS S., Professor of Civil Engineering — resignation effective September 1, 1964.
- WADSWORTH, PHILIP A., Professor of French and Associate Member of Center for Advanced Study — resignation effective September 1, 1964.
- WEBER, GERALD I., Instructor in Economics, Summer Session of 1964 — declination effective June 15, 1964.
- WHITE, JOSEPH J., Assistant in Zoology, Summer Session of 1964 — resignation effective June 15, 1964.
- YAFFE, BERNARD, Clinical Assistant Professor of Dermatology, College of Medicine — resignation effective March 19, 1964.

LEAVES OF ABSENCE

- BUTWELL, RICHARD, Associate Professor of Political Science — leave of absence, without pay, for the academic year 1964-65, so that he may serve as a consultant to the Rockefeller Foundation in a new program designed to facilitate the development of outstanding departments in the various social sciences at two key Southeast Asian universities.
- CRAWFORD, ROBERT B., Assistant Professor of History — leave of absence, without pay, for the academic year 1964-65, so that he may accept a Social Science Research Council grant awarded him for study and research.
- DIXON, ROBERT D., Instructor in Mathematics — leave of absence, without pay, for the academic year 1964-65, so that he may accept a position at the Dayton campus of Ohio State University for that period.
- FRITH, DONALD E., Associate Professor of Art — leave of absence, without pay, for the academic year 1964-65, so that he may take advantage of a Danforth Foundation Grant awarded him for advanced study at Alfred University.
- GAMMILL, HOMER L., Professor of Industrial Psychology, Division of University Extension and Institute of Labor and Industrial Relations — relieved of his regular duties on the campus for a five-week period from July 8 to August 15, 1964, to study management development theories and practices in Great Britain.
- KLING, BLAIR B., Assistant Professor of History — leave of absence, without pay, for the academic year 1964-65, so that he may accept a Faculty Research Fellowship from the American Institute of Indian Studies for study abroad.

- LASHER, SIM, Instructor in Mathematics, Chicago Undergraduate Division—leave of absence, without pay, for the academic year 1964-65, so that he may accept a National Science Foundation Fellowship for graduate studies at the University of Chicago.
- MOYER, FREDERIC D., Instructor in Architecture—leave of absence, without pay, for the first semester of 1964-65, so that he may accept an appointment as the Thirtieth Francis J. Plym Fellow in Architectural Engineering.
- NAGEL, STUART S., Assistant Professor of Political Science—change in his leave of absence, without pay, for the academic year 1964-65, to include acceptance of an invitation to be a Senior Specialist at the East-West Center at the University of Hawaii from May 1 through August 31, 1965, in addition to his fellowship at the Center for Advanced Study in the Behavioral Sciences in Palo Alto, California.
- PELTASON, JACK W., Professor of Political Science and Dean of the College of Liberal Arts and Sciences—leave of absence, without pay, for the month of August, 1964.
- PERESSINI, ANTHONY L., Assistant Professor of Mathematics—leave of absence, without pay, for the academic year 1964-65, so that he may accept a position on the mathematics staff at Oregon State University for that period.
- PESAVENTO, MRS. WILMA W., Assistant Professor of Physical Education for Women, Chicago Undergraduate Division—leave of absence, without pay, for the academic year 1964-65.
- REMEIKIS, MRS. NIJOLE, Instructor in Endodontics, Department of Applied Materia Medica and Therapeutics, College of Dentistry—leave of absence, without pay, for two months from June 1, 1964.
- ROHRER, RONALD A., Assistant Professor of Electrical Engineering, Department of Electrical Engineering and Coordinated Science Laboratory—leave of absence, without pay, for one year from September 1, 1964, so that he may accept a National Academy of Sciences-National Research Council Fellowship offered him for study and research at the Polytechnic Institute of Brooklyn.
- SAVAGE, JEROME, Instructor in Art—leave of absence, without pay, for the academic year 1964-65, so that he may accept a Guggenheim Fellowship for study and work in England in his field of art.
- SCHOLOMITI, NICHOLAS C., Assistant Professor of Mathematics, Chicago Undergraduate Division—disability leave of absence, with full pay, for the second semester of the academic year 1963-64.
- SHANK, MAX C., Professor of Biological Sciences, Chicago Undergraduate Division—leave of absence, without pay, for the academic year 1964-65, so that he may accept a Fulbright award for work abroad.
- SPARGO, MRS. GLADYS R., Acquisition Assistant in the Library, Chicago Undergraduate Division—leave of absence, without pay, from June 15 through August 7, 1964, so that she may attend summer school at the University of Illinois in Urbana.
- STREETER, HARRISON, Instructor in General Engineering, College of Engineering—leave of absence, without pay, for the academic year 1964-65, so that he may do graduate work at the State University of Iowa.
- SWENSON, GEORGE W., Professor of Electrical Engineering, College of Engineering, and Research Professor of Astronomy, College of Liberal Arts and Sciences—leave of absence, without pay, for the academic year 1964-65, so that he may accept an appointment as Visiting Scientist at the National Radio Astronomy Observatory.
- WILLE, JANE, Consultant in Social Work, with rank of Associate Professor—leave of absence, without pay, for two months from July 1, 1964.

SABBATICAL LEAVES OF ABSENCE

- CATTELL, RAYMOND B., Research Professor of Psychology—sabbatical leave of absence on full pay changed from the first semester of 1964-65 to January 1 through April 30, 1965, has been approved.
- SCHOLOMITI, NICHOLAS C., Assistant Professor of Mathematics, Chicago Undergraduate Division—sabbatical leave of absence for the second semester of the academic year 1963-64 is hereby cancelled, without prejudice. He will be on disability leave of absence.

RETIREMENT

BRAY, ROGER H., Professor of Soil Fertility, Department of Agronomy, College of Agriculture and Agricultural Experiment Station—retirement effective June 1, 1964.

RECESS AND EXECUTIVE SESSION

President Clement announced that an executive session has been requested and was being ordered for consideration of property acquisitions.

On motion of Mr. Hughes, the Board recessed.

When the Board reconvened in executive session, the same members, officers of the Board, and officers of the University were present as listed at the beginning of these minutes.

The Board considered the following items of business.

PURCHASE OF PROPERTY AT 507 EAST JOHN STREET, CHAMPAIGN

(1) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees request the Illinois Building Authority to purchase for the University the property at 507 East John Street, Champaign, at a price of \$65,000—in accordance with the Illinois Building Authority Act.

The property consists of a lot approximately 66 feet wide by 168.75 feet deep (11,138 square feet) and is improved with a two and one-half story and basement frame rooming house. The land area will be used for parking. Possession will be delivered not later than July 1, 1964.

The price is within appraisals. The Committee on Buildings and Grounds has also recommended the purchase.

I concur.

On motion of Mrs. Watkins, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Page, Mr. Williamson.

ACQUISITION OF 1306 WEST SPRINGFIELD AVENUE, URBANA

(2) The Board of Trustees has authorized the acquisition of the property at 1306 West Springfield Avenue, Urbana, which is needed for expansion of the Digital Computer Laboratory. The owner refused to sell at a price within the limits of University appraisals and the Board subsequently authorized condemnation proceedings. Suit was filed in the Circuit Court of Champaign County (Case No. 64-L-30).

The owner has now agreed to sell for an award of \$39,809.27 for the property with the understanding that possession will be delivered to the University on or before June 10, 1964. The settlement price is \$309.27 above the amount previously approved by the Committee on Buildings and Grounds of the Board as a purchase price.

The Director of the Physical Plant, the Vice-President and Comptroller, and the Legal Counsel recommend acceptance of this settlement proposal.

Funds are available in the state capital appropriations to the University for 1963-65 from the Universities Building Fund.

I concur.

On motion of Mr. Swain, this settlement proposal was accepted, and purchase of the property was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Page, Mr. Williamson.

**ACQUISITION OF PROPERTIES AT 605 AND 603
EAST DANIEL STREET, CHAMPAIGN**

(3) The Board of Trustees has authorized condemnation proceedings for the acquisition of the properties at 605 and 603 East Daniel Street, Champaign, both

owned by the same party. The jury trial for the condemnation of the property at 605 East Daniel Street (Case No. 61-L-175) was set for May 11, 1964; the trial for the acquisition at 603 East Daniel Street (Case No. 63-L-429) had been tentatively scheduled for the week of May 18, 1964.

Immediately prior to selection of the jury for the trial on the 605 East Daniel Street property, the owner indicated willingness to settle both cases for a total award of \$193,000, for the two properties on the following basis:

For the property at 605 East Daniel Street, formerly the Cosmopolitan Club property:

1. The value will be fixed at \$60,000, payable on possession, which will be delivered to the University on or before July 10, 1964.
2. The owner will remove all improvements prior to the specified possession date.
3. The University will afford access for the owner's vehicles over this lot to the rear of the adjoining property at 603 East Daniel Street until the specified possession date of said adjoining property.
4. The University will reserve three parking spaces on this lot to accommodate the vehicles of the owner used in his business until the specified possession date of the adjoining property, but the University will not be responsible for enforcing observance of the reservation of these spaces.

For the property at 603 East Daniel Street, known as "The Thunderbird":

1. The value will be fixed at \$133,000, payable on possession, which will be delivered to the University on or before June 30, 1965.
2. The owner will remove all improvements prior to the specified possession date.

Funds are available in state capital appropriations to the University for 1963-65 from the Universities Building Fund.

The Director of the Physical Plant, the Vice-President and Comptroller, and the Legal Counsel recommend approval of the proposed settlement and I concur.

On motion of Mr. Pogue, the settlement proposed was accepted, and the purchase of the two properties, at the prices indicated, was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Page, Mr. Williamson.

PURCHASE OF PROPERTY AT 509 EAST JOHN STREET, CHAMPAIGN

(4) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees request the Illinois Building Authority to purchase for the University the property at 509 East John Street, Champaign, at a price of \$53,500—in accordance with the provisions of the Illinois Building Authority Act.

The property consists of a lot approximately 58 feet wide by 168.75 feet deep (9,788 square feet) and is improved with a two and one-half story and basement frame rooming house. The land area will be used for parking. Possession will be delivered not later than August 10, 1964.

The price is within appraisals. The Committee on Buildings and Grounds has been consulted and also recommends the purchase.

I concur.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Page, Mr. Williamson.

On motion of Mrs. Watkins, the Board adjourned.

A. J. JANATA
Secretary

HOWARD W. CLEMENT
President