

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

July 27, 1966



The July meeting of The Board of Trustees of the University of Illinois was held in the Chicago Circle Center, Chicago, Illinois, on Wednesday, July 27, 1966, beginning at 10:30 a.m.

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

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Vice-President Norman A. Parker, Chicago Circle; Vice-President Joseph S. Begando, Medical Center; Mr. Vernon L. Kretschmer, Associate Director of the Physical Plant; Mr. James J. Costello, Legal Counsel; Mr. C. E. Flynn, Assistant to the President and Director of Public Information; Mr. Earl W. Porter, Assistant to the President and Associate Secretary to the Board; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on December 15, 1965, January 19 and February 16, 1966, press proof copies of which had previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 925 to 1070, inclusive.

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.

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>
WALTER EDWARD DIGGS	Ladue, Missouri	Missouri
JOHN FLINT KEYDEL	Ladue, Missouri	Michigan
WILLIAM CRANE MCINTOSH	Glenview, Illinois	Michigan
WILLIAM EDGERTEN PAULSEN	Davenport, Iowa	Iowa

I concur.

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

ADVISORY COMMITTEES FOR COLLEGE OF AGRICULTURE

(2) The Dean of the College of Agriculture recommends the following new appointments to advisory committees for the College of Agriculture and the Agricultural Experiment Station effective September 1, 1966, for three-year terms, unless otherwise specified:

Agricultural Economics

JOHN BUTTERFIELD, Pana

EMMETT G. FRUIN, Fruin Farm Management Service, Normal

(To succeed EDWIN R. LAMB and RICHARD L. MALONEY, whose terms have expired.)

Agricultural Engineering

JOSEPH H. HEIMANN, Clinton County Electric Cooperative, Inc., 475 North Main Street, Breese

DEAN L. SEARLS, Manager, Adams Electric Cooperative, Camp Point

(To succeed GEORGE W. ENDICOTT; Mr. HEIMANN is a reappointment for one year.)

Agronomy

WARREN JONES, Ridgeway

TOM ROBERTS, JR., DeKalb Agricultural Association, DeKalb

(To succeed LOWELL TISON and PAUL MONTAVON.)

Animal Science

ERNEST E. BROWN, General Manager, Corn Belt Hatcheries of Illinois, Gibson City

(Mr. BROWN is a reappointment.)

Dairy Science

NORMANN E. HENKE, R.F.D. 1, Staunton

HOMER KEARNAGHAN, Kraft Foods Company, Milledgeville
 CHARLES M. LAURY, Tall Timber Farm, R.F.D. 3, Danville
 KENT M. RYAN, General Sales Manager, Honeggers' and Company, Inc., Fairbury
 (To succeed JOHN C. ALISON, HAROLD E. HARTLEY, J. GEORGE SMITH, and
 FRANCIS D. HICKEY, deceased.)

Forestry

A. FLETCHER MARSH, Marsh and Turman Lumber Company, 332 South Michigan
 Avenue, Chicago
 (To succeed A. C. FOLEY.)

Horticulture (Food Crops)

CURT E. ECKERT, Eckert Orchards, Inc., R.F.D. 1, Belleville
 J. BON HARTLINE, Hartline's Holly Nursery, R.F.D. 1, Alma
 (To succeed MATHEW SCHWARTZ and JOHN D. SURGEON.)

Horticulture (Floriculture, Ornamentals)

ALFRED FIORE, Fiore Nurseries, Box 67, Prairie View
 JAMES MOORHEAD, Moorhead Nursery, R.F.D. 4, Box 4, Rockford
 ROBERT WILLIAMS, Bob O'Link Golf Club, 1120 Crofton Avenue, Highland Park
 (To succeed CHARLES J. TOSOVSKY, CARL KLEHM, and JAMES W. BRANDT.)

Cooperative Extension

(This Committee was first appointed in 1954 by the Dean and Director and replacements have been made when a member has served three years. It is desirable to have this Committee appointed by the Board of Trustees, along with other College of Agriculture advisory committees. The following nominations are for appointments beginning September 1, 1966.)

VIRGIL BREMER, Metropolis (two years)
 WAYNE BRUNS, R. R. 1, Winchester (three years)
 HUEL CROSS, Belle Rive (three years)
 MRS. JOHN ERICKSON, R. R. 4, Carbondale (one year)
 MRS. WILLIAM G. FOLMER, Forrest (two years)
 MRS. WILLIAM GROVER, Chana (two years)
 MRS. CARL GUEBERT, R. R. 2, Red Bud (two years)
 HAROLD JOHNSON, R. R. 1, Box 133, Decatur (one year)
 THOMAS B. KIRKPATRICK, Greene Farm Management Service, 934 North Orange,
 Peoria (two years)
 DONALD LAWFER, Kent (three years)
 HERMAN A. LINDHOLM, R. R. 1, Box 112, Naperville (one year)
 ELMER J. OLSON, R. R. 1, Hoopeston (three years)
 ORISON R. SEIBERT, R. R. 1, Belleville (one year)
 ARNOLD TAFT, D.V.M., R. R. 2, Olney (three years)
 MRS. JUSTIN WAGY, Payson (one year)

The Dean of the College of Agriculture further recommends the following for a one-year term:

General Committee

(This Committee is composed of representatives from the departmental committees.)

HUGH MORRISON, Agronomy
 HARRY C. EATON, Animal Science
 AVERY A. VOSE, Dairy Science
 A. FLETCHER MARSH, Forestry
 WAYNE C. HANDWORK, Horticulture
 HERMAN A. LINDHOLM, Cooperative Extension
 JOSEPH ACKERMAN, Member at Large
 PAUL C. JOHNSON, Member at Large

(To succeed PAUL MONTAVON, ERNEST E. BROWN, HAROLD E. HARTLEY, A. C. FOLEY, CARL KLEHM. MR. LINDHOLM is a new appointee, and MR. ACKERMAN and MR. JOHNSON are reappointments.)

I concur.

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

ADVISORY COMMITTEE FOR THE DIVISION OF UNIVERSITY EXTENSION

(3) The Dean of the Division of University Extension recommends the following appointments to the Division's advisory committee for two years beginning September 1, 1966:

University Representatives

Professor HARRY F. BREEN, Department of Art
Professor ROBERT E. CORLEY, Department of Sociology and Anthropology
Professor RAYMOND E. WILLIAMS, College of Education

(These appointees will replace Professors ERNEST W. ANDERSON, Cooperative Extension Service; HALBERT E. GULLEY, Division of General Studies; and CECIL A. MOYER, Department of Accountancy.)

(Other representatives of the University continuing on the Committee are Professors BJORNAR BERGETHON, School of Music, and C. DALE GREFFE, Mechanical and Industrial Engineering.)

Non-University Representatives

P. T. HEERWAGEN, Supervisor, Education and Training, Electro-Motive Division, General Motors Corporation, La Grange

GEORGE M. IRWIN, Chairman, Illinois Arts Council, 300 Maine Street, Quincy

(These appointees will replace DR. MARK W. BILLS, Superintendent, Peoria Public Schools, 3202 North Wisconsin Avenue, Peoria, and CLIFTON E. BLANKENSHIP, Training and Safety Director, A. O. Smith Corporation, P.O. Box S, Granite City.)

(Other non-University representatives continuing on the Committee are HARRY A. GLYNN, President, Pap-R Products, Martinsville; DAVID S. RAYMOND, Manager of Personnel Development, National Distillers & Chemical Corporation, P.O. Box 479, Louisville, Kentucky; and VERNE A. NOTHDURFT, Manager-Training, LeTourneau-Westinghouse Company, Peoria.)

I concur.

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

HEADSHIP OF DEPARTMENT OF ENGLISH, URBANA

(4) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. A. Lynn Altenbernd, now Professor of English and Executive Secretary of the Department of English, as Head of the Department of English at Urbana, beginning September 1, 1966, at an annual salary of \$15,900, divided: \$13,900 as Professor of English on indefinite tenure, and \$2,000 as Head of the Department on an academic year service basis.

This appointment is to replace Professor Leonard F. Dean who has asked to be relieved of his administrative duties as Head of the Department at the end of the current academic year, 1965-66, and who will be leaving the University in February, 1967, to accept a position at New York University.

A formal search committee was not set up as the faculty of the Department preferred that the Head be selected by the Dean after due consultation with the members of the Department. This procedure was followed and Professor Altenbernd is the choice.

The appointment is supported by the Dean of the Graduate College and the Executive Vice-President and Provost.

I recommend approval.

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

HEADSHIP OF DEPARTMENT OF INDUSTRIAL ADMINISTRATION, URBANA

(5) The Dean of the College of Commerce and Business Administration recommends the appointment of Associate Professor Daniel M. Slate of the Department of Marketing, as Acting Head of the Department of Industrial Administration for one year from September 1, 1966, in addition to his assignment as Head of the Department of Marketing and his appointment as Associate Professor of Business Administration in the Graduate School of Business Administration.

Provision has already been made in the budget for 1966-67 for his salary in

the latter position, and there is no budgetary implication involved in the additional appointment. The appointment is on an academic year service basis.

This appointment will replace Professor Clive F. Dunham, who was appointed Acting Head of the Department in 1965, and who had agreed to serve for one year only. The appointment of Professor Slate was recommended by a special search committee¹ which has also been studying a possible merger of the Department of Industrial Administration with one or more other departments of the College, hence the proposal for an Acting Head. The Dean of the Graduate College and the Executive Vice-President and Provost support this appointment.

I recommend approval.

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

HEADSHIP OF DEPARTMENT OF ORAL ANATOMY IN THE COLLEGE OF DENTISTRY

(6) The Dean of the College of Dentistry and the Vice-President for the Medical Center recommend the appointment of Dr. E. Lloyd DuBrul, presently a member of the faculty, as Professor of Oral Anatomy on indefinite tenure and Head of the Department, in the College of Dentistry, beginning September 1, 1966, at an annual salary of \$18,000 on a twelve months' service basis.

Dr. DuBrul has been serving as Acting Head of the Department during the current academic year. He will continue to have the rank of Professor of Anatomy in the College of Medicine which he has had since 1959.

The Dean of the Graduate College and the Executive Vice-President and Provost concur in this recommendation.

I recommend approval.

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

HEADSHIP OF DEPARTMENT OF OPERATIVE DENTISTRY

(7) The Dean of the College of Dentistry and the Vice-President for the Medical Center recommend the appointment of Dr. William F. Malone, presently Assistant Professor in the Department of Fixed Partial Prosthodontics, as Associate Professor of Operative Dentistry on indefinite tenure and Head of the Department, in the College of Dentistry, beginning September 1, 1966, at an annual salary of \$14,000 on a twelve months' service basis.

The Dean of the Graduate College and the Executive Vice-President and Provost concur in this recommendation.

I recommend approval.

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

APPOINTMENTS TO THE FACULTY

(8) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A— indefinite tenure; B— two year; D— one year; E— nine months from the beginning of the academic year; G— special tenure; Y— twelve months' service required instead of two semesters.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

1. ALEXANDER, HAROLD H., Associate Professor of Housing and Home Furnishings, in the Department of Home Economics (Urbana), beginning September 1, 1966, at an annual salary of \$12,000 (D).
2. ANDERSON, JOHN J. B., Assistant Professor of Veterinary Physiology and Pharmacology (Urbana), beginning June 16, 1966, at an annual salary of \$10,500 (BY).
3. BABAKHANIAN, ARARAT, Assistant Professor of Mathematics (Urbana), beginning September 1, 1966, at an annual salary of \$9,700 (B).

¹ E. J. DeMaris, Professor of Accountancy, Head of the Department, and Acting Head of the Department of Business Education, Chairman of the Search Committee; Robert Ferber, Professor of Economics and of Marketing, Research Professor of Economics in the Bureau of Economic and Business Research, and Director of the Survey Research Laboratory; Joseph A. Litterer, Professor of Business Administration; Robert V. Mitchell, Professor of Marketing; Michael G. Sovereign, Assistant Professor of Industrial Administration.

4. BARGMANN, ROLF E., Visiting Research Professor of Psychology (Urbana), for one and one-half months from July 16, 1966, at a salary of \$3,000 (G).
5. CHOKSI, JAL R., Visiting Associate Professor of Mathematics (Urbana), for the academic year 1966-67, at a salary of \$10,500 (E).
6. CHUNG, PAUL M., Professor of Field Mechanics, in the Department of Energy Engineering (Chicago Circle), beginning September 1, 1966, at an annual salary of \$16,000 (A).
7. CLARK, GARY M., Assistant Professor of Special Education and in the Institute for Research on Exceptional Children (Urbana), beginning February 1, 1967, at an annual salary of \$9,000 (D).
8. CONNELL, WILLIAM F., Visiting Professor of Education, in the Department of History and Philosophy of Education, College of Education, and Associate Member, Center for Advanced Study, Graduate College (Urbana), for five months from September 1, 1966, at a salary of \$8,500 (G).
9. DAWSON, DONALD A., Visiting Assistant Professor of Mathematics (Urbana), for the academic year 1966-67, at a salary of \$9,500 (E).
10. DEBOOY, TOM, Visiting Associate Professor of Geology (Urbana), for the academic year 1966-67, at a salary of \$14,000 (E).
11. DIXON, PAUL E., Campus Architect in the Physical Plant Department (Urbana), beginning September 1, 1966, at an annual salary of \$18,000 (DY).
12. DOWSON, HENRY R., Visiting Assistant Professor of Mathematics (Urbana), for the academic year 1966-67, at a salary of \$8,400 (E).
13. ECHENIQUE-MANRIQUE, RAMON, Assistant Professor of Wood Technology and Utilization, in the Department of Forestry (Urbana), for the first semester of 1966-67, at a salary of \$4,750 (E).
14. FAGAN, BRIAN M., Visiting Associate Professor of Anthropology (Urbana), beginning September 1, 1966, at an annual salary of \$12,000 (D).
15. FEHR, FREDERICK S., Research Assistant Professor of Psychology and in the Children's Research Center, in the Department of Psychology and in the Graduate College (Urbana), beginning September 1, 1966, at an annual salary of \$11,000 (DY).
16. FORBES, WARREN C., JR., Assistant Professor of Geology (Chicago Circle), beginning September 1, 1966, at an annual salary of \$9,300 (D).
17. GANS, BENJAMIN, Assistant Professor of Oral and Maxillofacial Surgery, in the College of Dentistry, and Clinical Assistant Professor of Surgery, in the College of Medicine, on two-fifths time, for three months from June 1, 1966, at a salary of \$1,150 (DY40).
18. GIBFRIED, CAROLYN J., Assistant Professor of Physical Education for Women (Urbana), beginning September 1, 1966, at an annual salary of \$9,000 (B).
19. GOSSETT, THOMAS F., Visiting Professor of English (Urbana), for six months from September 1, 1966, at a salary of \$7,500 (D).
20. GOTTSCHALK, LOUIS, Visiting Professor of History (Chicago Circle), on three-fourths time, for eight months from September 1, 1966, at a salary of \$8,000 (G75).
21. GRAHAM, PHYLLIS, Assistant Professor of Mathematics, on two-thirds time, for the Summer Session of 1966, at a salary of \$1,245; Visiting Assistant Professor of Mathematics (Urbana), beginning September 1, 1966, at an annual salary of \$8,400 (D).
22. GRANAT, ENDRE G., Assistant Professor of Music (Urbana), beginning September 1, 1966, at an annual salary of \$10,000 (D).
23. GREEN, RICHARD H., Professor of English (Urbana), beginning August 1, 1966, at an annual salary of \$16,500 (A).
24. HEITER, ROBERT R., Professor of German (Chicago Circle), beginning September 1, 1966, at an annual salary of \$20,000 (A).
25. HESS, ROBERT L., Associate Professor of History (Chicago Circle), for two years from September 1, 1966, at an annual salary of \$11,000 (G).
26. HOULBERG, KLINDT B., Assistant Professor of Art (Chicago Circle), beginning September 1, 1966, at an annual salary of \$9,000 (B).
27. HURT, JAMES R., Assistant Professor of English (Urbana), beginning September 1, 1966, at an annual salary of \$9,200 (B).
28. JACKARD, JERALD W., Assistant Professor of Art (Chicago Circle), beginning September 1, 1966, at an annual salary of \$9,000 (B).
29. JACKSON, WILLIAM D., Professor of Electrical Engineering, in the Department

- of Energy Engineering (Chicago Circle), beginning September 1, 1966, at an annual salary of \$16,500 (A).
30. LÜESCHEN, GÜENTHER P. F., Visiting Associate Professor of Physical Education for Men and Visiting Lecturer in Sociology (Urbana), beginning September 1, 1966, at an annual salary of \$12,500 (D).
 31. MAGNER, GEORGE W., Associate Professor in the Jane Addams Graduate School of Social Work (Chicago Circle), beginning September 1, 1966, at an annual salary of \$15,000 (D).
 32. MERTES, JOHN E., Visiting Professor of Management and Marketing (Chicago Circle), beginning September 1, 1966, at an annual salary of \$15,000 (D).
 33. MORRIS, VAN CLEVE, Professor of Education (Chicago Circle), beginning September 1, 1966, at an annual salary of \$15,500 (A).
 34. MUELLER, JANEL M., Assistant Professor of English (Urbana), on two-thirds time, beginning September 1, 1966, at an annual salary of \$5,600 (B67).
 35. O'HALLORAN, THOMAS A., Assistant Professor of Physics (Urbana), beginning September 1, 1966, at an annual salary of \$11,000 (D).
 36. OHTSUKA, MAKOTO, George A. Miller Visiting Professor of Mathematics (Urbana), for the academic year 1966-67, at a salary of \$20,000 (E).
 37. OSCHWALD, WILLIAM R., Associate Professor of Agronomy (Urbana), beginning July 1, 1966, at an annual salary of \$13,500 (DY).
 38. PATHAK, PRAMOD K., Visiting Assistant Professor of Mathematics (Urbana), for the academic year 1966-67, at a salary of \$9,500 (E).
 39. PETERSON, ROBERT F., Research Assistant Professor of Psychology (Urbana), beginning September 1, 1966, at an annual salary of \$11,500 (DY).
 40. PIERSON, EDWARD S., Assistant Professor of Electrical Engineering, in the Department of Energy Engineering (Chicago Circle), beginning September 1, 1966, at an annual salary of \$10,000 (B).
 41. REID, SAMUEL R., Associate Professor of Finance (Chicago Circle), beginning September 1, 1966, at an annual salary of \$14,000 (D).
 42. ROSENGREN, THOMAS J., Assistant Professor of Architecture (Urbana), beginning September 1, 1966, at an annual salary of \$9,500 (D).
 43. ROWE, HAROLD G., JR., Assistant Professor of Educational Administration and Supervision (Urbana), beginning September 1, 1966, at an annual salary of \$9,300 (D).
 44. SAMUELS, H. S., Assistant Professor of Health Science and Staff Physician, Health Service (Urbana), beginning September 1, 1966, at an annual salary of \$18,000 (DY).
 45. SCHAR, STUART, Assistant Professor of Art (Chicago Circle), beginning September 1, 1966, at an annual salary of \$9,000 (D).
 46. SCHOFIELD, GRAEME C., Visiting Professor of Anatomy, College of Medicine, for nine months from September 1, 1966, at a salary of \$15,500 (G).
 47. SCHROEDER, WILLIAM F., Assistant Professor of Veterinary Pathology and Hygiene (Urbana), beginning June 1, 1966, without salary (BY).
 48. SEXAUER, NORMAN E., Visiting Associate Professor of Mathematics (Urbana), for the academic year 1966-67, at a salary of \$11,500 (E).
 49. SICHA, JEFFREY, Assistant Professor of Philosophy (Chicago Circle), beginning September 1, 1966, at an annual salary of \$8,800 (D).
 50. THOMPSON, RALPH B., Visiting Professor of Marketing and Management (Chicago Circle), beginning September 1, 1966, at an annual salary of \$16,000 (D).
 51. VAN TASSEL, ALFRED J., Research Associate Professor in the Bureau of Economic and Business Research (Urbana), beginning September 1, 1966, at an annual salary of \$14,900 (DY).
 52. VARGAS, LUIS F., Visiting Professor of Anatomy, College of Medicine, for nine months from September 1, 1966, at a salary of \$16,500 (G).
 53. WATTENBERG, SHIRLEY H., Assistant Professor in the Jane Addams Graduate School of Social Work (Urbana), beginning September 1, 1966, at an annual salary of \$8,250 (D).
 54. WICKLUND, ROMAYNE C., Staff Associate in the Board of Trustees Office, and Assistant Secretary of the University, beginning September 1, 1966, at an annual salary of \$11,250 (DY).
 55. WOHLFORT, FRANK J., Assistant Professor in the Curriculum Laboratory Mathematics Project, College of Education (Urbana), for the period from July 25, 1966, through September 2, 1966, at a salary of \$2,420 (G).

56. WRIGHT, ROBERT L., Assistant Professor of Architecture (Urbana), beginning September 1, 1966, at an annual salary of \$9,500 (D).
57. YAU, WU, Research Assistant Professor in the Coordinated Science Laboratory (Urbana), for one year from July 1, 1966, at a salary of \$10,000 (FY).
58. YOUNGBERG, RICHARD S., Assistant Professor of Physical Education for Men (Urbana), beginning September 1, 1966, at an annual salary of \$8,000 (D).
59. ZELENIK, JOHN S., Professor of Obstetrics and Gynecology, assigned to the Faculty of Medicine, Chiangmai Hospital, Chiangmai, Thailand, Agency for International Development, from June 13 through June 17, 1966, and from August 29, 1966, through August 28, 1968, at an annual salary of \$24,750 (FY).
60. ZIMMERLI, ELIZABETH K., Visiting Professor of Physical Education for Women (Urbana), for one year from September 1, 1966, at a salary of \$11,200 (D).

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

DEPARTMENT OF METEOROLOGY

(9) The Urbana-Champaign Senate has approved, for transmission to the Board of Trustees, a recommendation from the College of Liberal Arts and Sciences for the establishment of a Department of Meteorology, a proposal which has been under consideration by a faculty committee for some time.

The functions of the Department will be to initiate a graduate degree program in meteorology and a graduate research program oriented toward a basic understanding of Physical processes taking place in the earth's atmosphere, including perturbations introduced by man. It would focus its attention particularly on problems existing below the ionosphere. An advanced undergraduate program would be introduced as soon as feasible, consistent with the primary objectives in graduate education.

It is anticipated that the curriculum will include work in physical meteorology, dynamic meteorology, micrometeorology, synoptic meteorology, and general meteorology, in addition to selected programs depending on the special interests of the future staff. The emphasis would take into account the areas of research specialization of members of the staff. The instructional program will be largely oriented toward graduate study but advanced undergraduate courses in meteorology would also be offered.

Provision for the Department's needs during its initial stage was included in the biennial budget for 1965-67 as approved by the Board of Trustees and recommended to the General Assembly by the Board of Higher Education. Hence, no further action by that Board is necessary at this time. As the curriculum is developed and degree programs are established they will be brought to the Board of Trustees and, where indicated, to the Board of Higher Education, for approval.

A supporting statement is submitted herewith and a copy is filed with the Secretary of the Board for record.

I concur in this recommendation.

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

COMPUTER-BASED EDUCATION RESEARCH LABORATORY

(10) The Dean of the Graduate College recommends that the Board of Trustees authorize the establishment of a Computer-Based Education Research Laboratory as a unit of the Graduate College for the purpose of carrying on research and development in a special field which can not be encompassed within the area of responsibility of any one department of the University. The Executive Vice-President and Provost concurs.

Following is a summary of the proposal, as developed by the Graduate College. A more extended discussion of the significance of the program, the University's special responsibility or roll in this field, and the plan of organization and administration of this new unit of the Graduate College is filed with the Secretary of the Board for record.

It is proposed that a laboratory be established in the Graduate College to engage in development and research in the area of computer-based education. The University has the experience in this and related academic areas necessary to make important contributions in the use of man-station-computer systems as an educational medium. The purpose of the Laboratory would be to bring together in a coordinated effort the expertise of the several disciplines necessary for major work in this promising field. The major efforts would be pointed toward gaining the experience needed to make sound decisions about the role of computer-based educa-

tion within the University of Illinois and to contribute information needed by other institutions at all educational levels — institutions facing similar problems.

The Laboratory would be organized with a Policy Committee appointed by the Dean of the Graduate College and with the Director of the Laboratory reporting to the Dean. The basic organization of the Laboratory would include three groups: a Technical Systems Development Group, with close cooperation with the PLATO Group of the Coordinated Science Laboratory; an Operating Group; an Educational Development Group, with close cooperation with the Curriculum Laboratory and various departments of the University. The efforts in the Laboratory during the beginning years would be devoted to research, development, and evaluation. Later, if feasible, the Laboratory would service the various academic units desiring to use the system as a means of teaching a portion of their program.

Initially, the Laboratory would be funded with support for only a portion of the staff from state funds, and with major support from outside sources.

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

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

REVISIONS IN REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

(11) The Graduate College has recommended three changes in general requirements for the Doctor of Philosophy degree. These revisions deal with: language requirements, minor subject requirements, and the preliminary examination.

The Urbana-Champaign Senate has approved the proposed revisions, after clarifying amendments were made in the proposal concerning language requirements, and the Medical Center Senate has approved the revisions as thus amended. The Chicago Circle Senate approved the revisions in minor requirements and preliminary examination but proposed further changes in the revision of language requirements.

The Senate Coordinating Council has transmitted to the President the proposed revisions as approved by the Urbana-Champaign and Medical Center Senates, with the recommendation that they be submitted to the Board of Trustees for approval and with the understanding "that the additional changes in Ph.D. language requirements proposed by the Chicago Circle Senate should be sent to the Dean of the Graduate College with the recommendation that they be considered by the appropriate committees, and brought forward for action at a later date if agreement on them can be reached."

In making its recommendation, the Coordinating Council noted that "there is time to reconsider the language requirements before there are an appreciable number of Ph.D. candidates at Chicago Circle. It is recommended that in the meantime the Graduate College be permitted to try the revision in language requirements as approved by the Urbana-Champaign and Medical Center Senates."

The Coordinating Council also recommends an editorial change: that in the statement of language requirements, the words "semester (or summer session)" be replaced by "term" because of differences in academic calendar among the three campuses. This change was also proposed by the Chicago Circle Senate.

The complete text of proposed revisions as approved by the Urbana-Champaign and Medical Center Senates, and the recommendations of the Senate Coordinating Council, containing the amendments suggested by the Chicago Circle Senate, are submitted herewith, and a copy is filed with the Secretary of the Board for record.

I recommend approval of the recommendations of the Senate Coordinating Council.

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

MASTER OF ARTS IN THE TEACHING OF ENGLISH AS A SECOND LANGUAGE, URBANA

(12) The Graduate College has recommended the establishment of a new degree, Master of Arts in the Teaching of English as a Second Language, designed to prepare teachers who are native speakers of English as well as those from other countries for whom English is a second language.

The need for teachers of English as a second language has increased rapidly, both in the United States and in other countries. English has become the most realistic approximation to a universal language for the international exchange of culture and ideas and, as a result, there is a marked increase in the demand for

training of foreign nationals as well as Americans to teach English abroad. Inside the borders of the United States, the need is acute from the Southwest, where there are numerous Mexican and Indians, to the Northern metropolitan communities with immigrants of various foreign language and cultural backgrounds. One of the problems of the groups often described as "disadvantaged" is that they do not speak standard English. The national programs for the improvement of conditions for disadvantaged groups are placing additional emphasis upon the need for teachers of English as a second language.

The new degree is an interdisciplinary one, to be granted through the Department of English at Urbana. The core areas for the degree are English and linguistics, including cross-listings with anthropology and psychology. Two units of education are required. The admissions and degree requirements are detailed in the supporting documents submitted herewith, and a copy is filed with the Secretary of the Board for record.

The degree program also has been approved by the Urbana-Champaign Committee on the Preparation of Teachers of English, Department of English, Department of Linguistics, College of Education, Urbana-Champaign Council on Teacher Education, University Council on Teacher Education, and the Urbana-Champaign Senate.

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

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

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

MASTER OF SCIENCE AND BACHELOR OF SCIENCE IN THE TEACHING OF EARTH SCIENCE, URBANA

(13) The Graduate College and the College of Liberal Arts and Sciences (Urbana) recommend the establishment of curricula leading to the degrees of Master of Science and Bachelor of Science in the Teaching of Earth Science.

The curricula are designed to prepare teachers of earth science at the secondary school level and are proposed to help meet the increasing demand for such teachers in Illinois and throughout the United States. It is expected that this demand will grow as earth science continues to replace general science or is added to the science offerings of high schools. Through the Earth Science Curriculum Project, an interdisciplinary science program for secondary schools which is being conducted by the National Science Foundation and the American Geological Institute, earth science course materials are being prepared for use in the secondary schools. The need for qualified persons to teach these courses will increase from a present demand of 5,000 to more than 15,000 by 1970.

The details of the proposed curricula are supplied in the supporting documents submitted herewith, and a copy is filed with the Secretary of the Board for record.

The curricula also have been approved by the Urbana-Champaign Committee on the Preparation of Secondary School Teachers of Science, the Department of Geology, Urbana-Champaign Council on Teacher Education, University Council on Teacher Education, and the Urbana-Champaign Senate.

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

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

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

REVISIONS IN THE CURRICULA PREPARATORY TO THE TEACHING OF PHYSICS AND PREPARATORY TO ELEMENTARY SCHOOL TEACHING, URBANA

(14) The following curricular revisions have been approved by the Urbana-Champaign Senate and have been cleared with all appropriate committees and officers and are reported to the Trustees as a matter of record.

Curriculum Preparatory to the Teaching of Physics

The curriculum has been upgraded and updated by adding advanced courses in physics and astronomy (eight hours), mathematics (six hours), and humanities (six hours minimum). Mathematics 112, College Algebra (three hours), and Mathemat-

ics 114. Trigonometry (two hours), have been deleted; they may no longer be counted toward the degree requirement. Chemistry 122, Elementary Quantitative Analysis (five hours), and Chemistry 132, Elementary Organic (three hours), are dropped as required courses. The total required hours are reduced from 129 to 126, plus required physical education. The proposed curriculum meets the certificate requirements for physics as a single teaching field. Hours of unspecified electives are sufficient to complete the requirements for a teacher education minor in chemistry or in mathematics, if the student chooses to do so.

Curriculum Preparatory to Elementary School Teaching (Professional Education Sequence)

1. Elimination of Elementary Education 101, Nature of the Teaching Profession (two semester hours).
2. Replacement of Elementary Education 233, Classroom Programs in Childhood Education (two semester hours), and Elementary Education 237, Child Development for Elementary Teachers (three semester hours), by Elementary Education 237, Theory and Process in Elementary School Teaching (five semester hours). Elementary Education 233, Classroom Programs in Childhood Education, will be retained as a separate two-semester hour course and will be offered to satisfy requirements of other Council curricula and to meet certification needs of irregular, transfer, and summer session students.
3. Elementary Education 231, Technic of Teaching in the Elementary School (three semester hours), will be replaced by Elementary Education 333, The Teaching of Language Arts in the Elementary School (three semester hours; $\frac{1}{2}$ to 1 unit).
4. Elementary Education 230, Principles of Elementary Education (two semester hours), will be revised and increased to three semester hours. The revised version will be: Elementary Education 230, Principles, Problems, and Issues in Elementary Education (three semester hours).
5. One semester hour of credit resulting from the elimination of Elementary Education 101, Nature of the Teaching Profession, will be assigned to cover the increase of one semester hour in History and Philosophy of Education 201, Foundations of American Education. The Department of History and Philosophy of Education will propose to offer special sections of History and Philosophy of Education 201, revised, for elementary education majors.

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

TRANSFER OF BACHELOR OF SCIENCE IN MEDICAL ART TO SCHOOL OF ASSOCIATED MEDICAL SCIENCES

(15) The Urbana-Champaign and Medical Center Senates have recommended that the administration of the degree of Bachelor of Science in Medical Art be transferred from the College of Fine and Applied Arts to the School of Associated Medical Sciences at the Medical Center Campus, effective September 1, 1967. The recommendation has the approval of the administrative officers concerned on both campuses.

The program has been in existence for the past three years. The change is recommended in light of this experience and in view of the fact that the final two years of the program are directly under the jurisdiction of the Department of Medical Art, School of Associated Medical Sciences. In addition, students in the program are now required to meet residence requirements on the Urbana-Champaign campus since the degree is awarded on that campus. If the recommended change is made, students can enter the final two years of the program directly from either Urbana or Chicago Circle.

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

I concur.

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

CURRICULA AND DEGREE REQUIREMENTS FOR BACHELOR OF SCIENCE DEGREES IN ENGINEERING AND IN PHYSICAL EDUCATION, CHICAGO CIRCLE

(16) On April 20, 1966, the Board of Trustees received a report of the implementation of the basic educational program for the Chicago Circle Campus and ap-

proved curricula and degree requirements for the major portion of that program.¹

At that time, the curricula leading to bachelor's degrees in engineering and in physical education were still subject to Senate and administrative review which has now been completed and the two curricula and degree requirements are presented to the Trustees for approval.

(With the implementation of these programs, the basic educational program for Chicago Circle, as approved by the Board of Trustees on February 15, 1961, has been established and implemented.)²

The curricula and degree requirements leading to bachelor's degrees in engineering and physical education are presented in the supporting documents submitted herewith and filed with the Secretary of the Board for record. Each has been approved by the Chicago Circle Senate and the Senate Coordinating Council has indicated that no other Senate jurisdiction is involved. The programs are recommended for approval by the Executive Vice-President and Provost.

I concur.

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

BUILDING PROGRAM AND CAPITAL FUNDS FOR 1967-69

(17) In approving the building program and request for capital funds for 1967-69, the Board of Trustees authorized revisions of the figures in the schedules of capital requests, following further study of the estimates of costs of buildings and other permanent improvements. It seemed likely that the estimates for certain projects might be changed in the light of the most recent experience with bids on construction work, and this possibility had been discussed with the Committee on Buildings and Grounds which recommended such authorization.

I submit for confirmation and for the record the capital budget request as presented to the Illinois Board of Higher Education on July 15, 1966, and ask that this document be accepted in replacement of the text and schedules in the report presented to the Board of Trustees on June 15, 1966.

The total of capital funds requested for 1967-69 is higher by \$1,387,000 in the revised schedules of capital projects than the total approved by the Board on June 15, 1966. This increase is due to revisions in the estimates of costs for several building projects and to a small increase in one item for movable equipment. These changes have resulted in a total of \$96,052,000 for the Chicago Circle Campus, a *net* decrease of \$269,000 from the \$96,321,000 in the previous budget; \$38,876,000 for the Medical Center Campus, an increase of \$876,000 (all of which is in the item to cover deficiencies in the 1965-67 capital budget); and \$62,819,000 for the Urbana-Champaign Campus, an increase of \$780,000 in the items for the Women's Gymnasium Addition (\$380,000) and for movable equipment (\$400,000). The total of the revised capital requests is \$197,747,000, as compared with \$196,360,000.

On motion of Mr. Johnston, this revision, and the request for capital funds for 1967-69, was accepted and confirmed by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

The full text of the document presenting the request for capital funds, as approved by the Board, follows.

I. Introduction

The capital plans of the University of Illinois for the biennium 1967-69 are based on several general assumptions which are believed to reflect fundamental educational needs of the state and sound policies designed to lead to satisfaction of those needs.

1. One of the basic assumptions is that the entire range of higher-education needs of the state should be met as fully as possible. This means that all levels of higher education — freshman-sophomore, junior-senior, graduate and professional — should be supported in approximate proportion to their respective relationships

¹ Curricula and degree programs approved were those leading to the bachelor's degrees in Architecture and Art, Business Administration, Elementary Education, the Teaching of Physics in Secondary Schools (College of Engineering), Liberal Arts and Sciences (in eighteen major fields), and secondary school teaching in twelve disciplines (administered through the College of Liberal Arts and Sciences).

² The curriculum in elementary education leading to the degree of Bachelor of Arts is pending, subject to approval by the Illinois Board of Higher Education.

to the major requirements of our increasingly complex society. Hence, the highly important task of expanding the junior college system of Illinois should be pursued in conjunction with expanding opportunity for the increasing proportion of college-age youth who seek baccalaureate and advanced degrees. All parts of the system must be taken into account in the measure of what must be provided for the biennium 1967-69.

2. A second assumption, related to the point just made, is that the University of Illinois, as the comprehensive state university serving Illinois as a whole in a broad range of academic programs and services, should make every reasonable effort to meet its share of the growing educational demand of the state—with special emphasis upon advanced study in the fundamental branches of learning, the specialized fields of applied science and technology, and the major fields of professional practice. In the present capital program, therefore, the University proposes to strengthen its advanced work at the Urbana-Champaign and Medical Center campuses, and also to add facilities for graduate work in most of the fields of study now offered at the Chicago Circle Campus. The Chicago area, with its growing population and the increasingly complex problems of the second-largest metropolitan center in the country, badly needs the comprehensive educational services—undergraduate, professional, and graduate—that the University plans to provide at Chicago Circle.

3. A third assumption is that the state can not afford to delay the expansion of its universities, since to do so would be costly both in terms of undeveloped human resources and in terms of higher construction costs at a later period. Most of the buildings sought in this request could not be completed before 1970, and not until some time later (one to three years) could all of the new space be fully utilized. The reason for the delay in reaching full utilization is that when a given program is expanded by increasing the enrollment of its beginning class, room must be left for the class and its successors to advance toward degrees. (This is particularly true in the case of professional programs such as dentistry and law.)

It is our belief that even if all of these projects were to be completed on schedule, the increase in enrollment capacity would be insufficient to meet the demand of well-qualified students for admission to the University in 1970-71 and in the years immediately afterwards. In the light of experience, there is little doubt that to delay these capital improvements would mean very substantial increases in construction costs. Certain of the facilities included in the present program, for example, were requested originally several years ago. If they had been built then, several million dollars would have been saved.

4. A fourth assumption, and a highly important one, is that attention must be given to strengthening existing programs as well as to expansion. Quality is of major concern, as well as quantity. Even well-established programs require new equipment and new space for quality performance. Distinction and excellence are elusive and can quickly be lost through failure to keep pace with current advances and their requirements. This point is particularly pertinent to the evaluation of the University's requests for additional support for its Medical Center and Urbana-Champaign campuses, where obsolete and overcrowded facilities have long plagued the majority of its programs.

II. Summary of 1967-69 Capital Budget Request

The capital funds requested for 1967-69 would serve four main purposes: (a) provide supplemental funds needed to complete seven buildings approved by the General Assembly for construction during 1965-67, but which have been delayed because the bids received have exceeded the funding level authorized; (b) provide facilities to support enrollment increases totaling approximately 9,900 students at the University's three campuses; (c) bring relief to certain departments whose existing space is seriously deficient both in quantity and in quality; (d) provide additional land for future use at the Chicago Circle and Urbana-Champaign campuses (thus forestalling prospective improvements and otherwise avoiding inflation in land values).

Schedules of Projects and Cost Estimates

The capital programs required to meet the diverse educational needs of the University's three campuses are shown in separate schedules on the following pages: Schedule A, Chicago Circle (page 14); Schedule B, Medical Center (page 14); Schedule C, Urbana-Champaign (page 15). Schedule D (page 15) summarizes the totals requested for all three campuses.

In the upper part of Schedules A, B, and C, estimates are shown for (a) total

project cost (excluding movable equipment), (b) non-state funds likely to be available, (c) state funds needed. The lower part of each schedule presents estimates of funds needed for other capital improvements during 1967-69, together with planning funds for buildings to be constructed during 1969-71.

Schedule A. Chicago Circle Campus — 1967-69 Capital Projects

<i>Project</i>	<i>Total Cost</i>	<i>Non-State Funds</i>	<i>State Appropriation</i>
1. Buildings (Phase III) ¹			
Art and Architecture Addition.....	\$ 5 866 000		\$ 5 866 000
Behavioral Science Center.....	10 714 000	\$3 060 000 ²	7 654 000
Education Center.....	6 957 000		6 957 000
Greenhouse Addition.....	252 000		252 000
Library Addition.....	6 841 000		6 841 000
Physical Education Building.....	7 095 000	3 500 000 ³	3 595 000
Science-Engineering Center.....	32 776 000	2 120 000 ²	30 656 000
Student Services Administration Building.....	3 533 000		3 533 000
<i>Subtotal, Buildings.....</i>	<i>(74 034 000)</i>	<i>(8 680 000)</i>	<i>(65 354 000)</i>
2. Heating Plant Addition.....	2 846 000		2 846 000
3. Land Acquisition.....	3 169 000		3 169 000
4. Movable Equipment (including 1965-67 deficiency).....	8 748 000 ⁴		8 748 000 ⁴
5. Remodeling.....	1 273 000		1 273 000
6. Planning for 1969-71.....	1 500 000		1 500 000
7. Site Development, including Extension of Utilities Distribution System	4 482 000		4 482 000
<i>Total.....</i>	<i>\$96 052 000</i>	<i>\$8 680 000</i>	<i>\$87 372 000</i>

¹ In alphabetical order, not in order of priority.

² Assumes \$1,000,000 from federal matching funds and the balance to be financed from income.

³ Assumes \$1,000,000 from federal matching funds and the balance to be financed from student fees.

⁴ Includes funds for movable equipment for buildings to be occupied in 1969, and to offset deficiency in 1965-67 appropriation.

Schedule B. Medical Center Campus — 1967-69 Capital Projects

<i>Project</i>	<i>Total Cost</i>	<i>Federal Funds</i>	<i>State Appropriation</i>
1. Deficiency in 1965-67 Capital Budget.....	\$ 3 492 000		\$ 3 492 000
2. Buildings ¹			
College of Dentistry Building.....	19 000 000	\$ 7 800 000	11 200 000
Library.....	7 579 000	1 450 000	6 129 000
Medical Research Laboratory.....	3 517 000	1 460 000	2 057 000
Office Building.....	3 666 000		3 666 000
<i>Subtotal, Buildings.....</i>	<i>(33 762 000)</i>	<i>(10 710 000)</i>	<i>(23 052 000)</i>
3. Heating plant addition ²			
4. Land Acquisition ³			
5. Movable Equipment.....	580 000 ⁴	290 000 ⁴	290 000 ⁴
6. Planning for 1969-71.....	220 000		220 000
7. Remodeling, Alterations, Rehabilitation, Minor Additions, and Protection of Life and Property.....	762 000		762 000
8. Site Development, including Extension of Utilities and Public and Street Improvements.....	60 000		60 000
<i>Total.....</i>	<i>\$38 876 000</i>	<i>\$11 000 000</i>	<i>\$27 876 000</i>

¹ In alphabetical order, not in order of priority.

² Expansion of boiler capacity and steam distribution systems required for new construction will be financed through the Medical Center Steam Company.

³ Land will be obtained through the Medical Center Commission at a nominal cost, and the buildings on this land will be demolished by the Medical Center Commission.

⁴ Since these buildings would not be completed until 1970, funds for movable equipment would be requested for the biennium 1969-71 — except to the extent necessary to match federal funds for that purpose.

Schedule C. Urbana-Champaign Campus — 1967-69 Capital Projects

<i>Project</i>	<i>Total Cost</i>	<i>Non-State Funds</i>	<i>State Appropriation</i>
1. Deficiency in 1965-67 Capital Budget.....	\$ 3 117 000	.....	\$ 3 117 000
2. Buildings ¹			
East Chemistry Building Second Addition.....	9 063 000	\$ 2 600 000 ³	6 463 000
Engineering Library.....	4 780 000	1 000 000 ³	3 780 000
Foreign Languages Building.....	7 241 000 ²	1 000 000 ³	6 241 000
Intramural-Physical Education Building.....	9 301 000	7 639 000 ⁵	1 662 000
Law Building Addition.....	4 585 000	1 200 000 ³	3 385 000
Library Fifth Stack Addition.....	1 920 000	.....	1 920 000
Music Building.....	4 890 000	.....	4 890 000
Nuclear Reactor Addition.....	1 311 000 ⁴	600 000 ³	711 000
Small Animal Clinic Phase I Completion.....	2 147 000	.....	2 147 000
Turner Hall Headhouse and Green-houses.....	932 000	.....	932 000
Women's Gymnasium Addition.....	1 362 000	582 000 ⁵	780 000
<i>Subtotal, Buildings</i>	(47 532 000)	(14 621 000)	(32 911 000)
3. Campus Improvements.....	376 000	.....	376 000
4. Land Acquisition.....	4 450 000	.....	4 450 000
5. Movable Equipment.....	800 000 ⁶	200 000 ⁶	600 000 ⁶
6. Planning Funds.....	608 000	.....	608 000
7. Protection of Life and Property.....	335 000	.....	335 000
8. Public Improvements.....	420 000	.....	420 000
9. Remodeling and Modernization.....	2 000 000	.....	2 000 000
10. Street and Street Lighting Improvements.....	808 000	.....	808 000
11. Utilities Distribution System.....	2 373 000	.....	2 373 000
<i>Total</i>	\$62 819 000	\$14 821 000	\$47 998 000

¹ In alphabetical order, not in order of priority.² Includes cost of relocating small structures on the site (\$831,000).³ To be financed from federal funds.⁴ Including cost of relocating Chemistry Warehouse (\$45,000).⁵ To be financed from student fees.⁶ Includes funds for movable equipment only for buildings to be occupied in 1969 and for matching federal grants for that purpose.**Schedule D. Summary of 1967-69 Capital Request**

<i>Campus</i>	<i>Total Cost</i>	<i>Federal Grants</i>	<i>Financed from Fees</i>	<i>Financed from Income</i>	<i>State Appro- priation</i>
Chicago					
Circle.....	\$ 96 052 000	\$ 3 000 000	\$ 2 500 000	\$ 3 180 000	\$ 87 372 000
Medical					
Center.....	38 876 000	11 000 000	.....	.....	27 876 000
Urbana-					
Champaign	62 819 000	6 600 000	8 221 000	.....	47 998 000
<i>Total</i>	\$197 747 000	\$20 600 000	\$10 721 000	\$3 180 000	\$163 246 000

Cost Escalation and Estimates of Building Funds Required

The estimates of cost shown for the buildings listed in Schedules A, B, and C reflect the effects of the marked escalation in construction costs just mentioned. These figures have been arrived at through a procedure recently developed in discussions between representatives of the several state-supported universities and the Illinois Building Authority. It will be outlined here by way of recording the basis on which the present estimates were derived, but subsequent experience and discussions might lead to changes in the specific percentages used to estimate construction costs during the period 1968-70.

1. A base is established for each project in terms of 1965-66 costs as determined by comparison with bids received on the most recent project or similar type. The median of the bids received on such project or projects is selected as a base.

2. The gross cost per square foot, determined in accordance with the procedure in (1), is updated in accordance with the index developed by a cost consultant in the light of the date selected for the receipt of bids. This index recognizes an increase of about 5 per cent per year since 1960, except for the period June, 1965, to June, 1966, when an increase of approximately 15 per cent is assumed.

3. If it appears that there was adequate competition in the bidding received for the "base" project(s) used in (1) above, 10 to 15 per cent is added to the cost calculated in (2) to allow for lack of competitive bidding anticipated during the next three years. This increment is not added if it appears that the base chosen reflected a noncompetitive bidding situation.

4. A further increment of 3 to 5 per cent is added to all estimated costs, including construction costs, to allow for contingencies normally arising in large-scale projects.

Following this procedure would result in increasing a construction contract costing \$2,000,000 in 1963 (under reasonably competitive conditions) to a total of \$3,342,000 — for bids to be accepted in the summer of 1968 on a project to be completed in 1970. The increase in cost would thus be about 67 per cent over the seven-year period.

Deficiencies in 1965-67 Building Budgets

The sharp escalation in construction costs during the past year has made it necessary to delay the beginning of construction of a total of eight buildings approved by the General Assembly for funding by the Illinois Building Authority during the present biennium (1965-67). At the Chicago Circle Campus, the Physical Education Building had to be dropped entirely, in order that its funds might be allocated to the remaining projects in Phase II and thus permit construction of the latter to proceed. (The original budget figure for this building was \$4,735,000, whereas the revised estimate of cost shown in Schedule A is \$7,095,000.)

At the other two campuses, insufficient funds are available to meet the construction costs of seven projects — three at the Medical Center Campus with a total deficiency of \$3,492,000, and four at the Urbana-Champaign Campus with a shortage totaling \$3,117,000.

It is planned to request emergency legislative action to meet these deficiencies early in the next session of the General Assembly, so that construction on these seven projects might proceed without additional delay and consequent cost escalation. The funding authorizations to the Illinois Building Authority would need to be increased by a total of \$6,609,000 in order to provide the amounts needed for the negotiation of contracts on all seven projects at the two campuses.

III. Justification of Requests for Additional Buildings

It will be assumed in the following discussion that the educational programs conducted at the University's three campuses are justified by the educational needs of the state, and that the projected growth of enrollments is in the public interest. Furthermore, the patterns of expansion proposed are believed to reflect the distinctive mission of the University of Illinois in the state-wide system of higher education, as well as to be consistent with the Master Plan.

The present analysis will be concerned, therefore, only with a *quantitative* evaluation of the University's request for additional space. The purpose will be to determine whether or not the amount of additional space requested for each of its three campuses can be justified in terms of the improvement or expansion of the programs proposed. In order to make such determinations, it is necessary to take the following steps: (a) specify the enrollments expected over a period extending past the occupancy of the buildings; (b) make an analytical inventory of the kinds and amounts of space available (or under construction) prior to the initiation of the new building program; (c) make a similar analysis for the buildings to be added; (d) develop acceptable standards by which the space *required* for the various types and levels of University functions can be calculated; (e) complete an overall "audit" of the estimated status of space resources and utilization as of the termination of the projected program of expansion or improvement.

The Increase in "Enrollment Capacity" Resulting from the 1967-69 Building Program

Enrollment Projections. Delays in the 1965-67 building program—and the need to fund budget deficiencies for several projects before construction can begin—have forced revisions of previous enrollment projections, and make it difficult to predict with much assurance the dates by which given enrollment levels will be reached. The estimates presented in Table I (below) represent what appear to be realistic expectations as to enrollments at the University's three campuses through 1971-72. An overall increase of about 50 per cent is indicated over the six-year period—the greater part at Chicago Circle. But changes in the timing of availability of facilities and other unforeseen contingencies could alter these projections.

As compared with 1965-66, the figures for 1971-72 in Table I show the following enrollment trends for the several educational levels: (a) only a slight increase (10 per cent) for freshmen and sophomores; (b) approximately a doubling of enrollment at junior-senior level; (c) an increase of 54 per cent in professional enrollment; (d) a graduate enrollment increase of 75 per cent. The probability of achieving the change in pattern of undergraduate distribution will depend largely on the demand for transfer to the University on the part of junior-college graduates. If this demand does not materialize to the extent forecast, a higher proportion of freshmen and sophomores would be enrolled at the undergraduate level. There should be no difficulty in reaching the levels forecast for professional and graduate students—if the facilities are available.

Table I. Actual Enrollments (Headcounts) for 1965-66 and Enrollment Projections for 1968-69, 1970-71, and 1971-72 at All Three Campuses of the University of Illinois

Campus	Freshman-Sophomore	Junior-Senior	Professional	Graduate I	Graduate II	Total
<i>Chicago Circle</i>						
1965-66.....	6 759	1 771	.....	99 ¹	.....	8 629
1968-69.....	9 300	4 400	.....	850	150	14 700
1970-71.....	10 600	8 350	.....	1 200	350	20 500
1971-72.....	9 500	10 500	.....	1 400	600	22 000
<i>Medical Center</i>						
1965-66.....	.....	.....	2 108	134	141	2 383
1968-69.....	.....	.....	2 539	293	184	3 016
1970-71.....	.....	.....	2 904	384	213	3 501
1971-72.....	.....	.....	3 115	417	230	3 762
<i>Urbana-Champaign</i>						
1965-66.....	11 358	8 756	749	3 441	3 637	27 941
1968-69.....	11 200	9 500	820	3 880	4 100	29 500
1970-71.....	11 000	10 700	995	4 305	4 500	31 500
1971-72.....	10 500	11 200	1 140	4 410	4 600	31 850
<i>All Campuses</i>						
1965-66.....	18 117	10 527	2 857	3 674	3 778	38 953
1968-69.....	20 500	13 900	3 359	5 023	4 434	47 216
1970-71.....	21 600	19 050	3 899	5 889	5 063	55 501
1971-72.....	20 000	21 700	4 255	6 227	5 430	57 612

¹ These students are in the Jane Addams Graduate School of Social Work formerly located at the Medical Center Campus.

The Gain in "Enrollment Capacity." Although the 1967-69 building program is not designed solely to provide facilities for increased enrollment, this is its primary purpose. Hence, it is desirable to specify as precisely as possible the increments of enrollment increase at each campus that would be made possible by the buildings listed above in Schedules A, B, and C.

In order to make such estimates, it is necessary to identify the period of time during which these particular buildings at each campus are contributing to gains

in enrollment, and to segregate their "component" of enrollment increase from that due to facilities provided in earlier building programs. In the present situation, the selection of a "base" year (or enrollment level) from which to measure the enrollment gain *could* be one in which the maximum enrollment increase made possible by the 1965-67 building program had not been reached. It is necessary to choose as a "base" an enrollment level that reflects all of the increase in capacity due to all existing and currently-programmed space.

An analogous problem occurs in the selection of a terminal date or enrollment level that would properly delimit the "enrollment capacity" contributed by a given set of new buildings. In the case of a new building to serve a professional program, in particular, the initial increase in enrollment would occur only in the beginning class; then, in succeeding years, each additional class in sequence would receive its increase until all had reached the new level. So the full impact of new facilities on enrollment may not be measured until several years after initial occupancy of a building (e.g., three for Dentistry and Veterinary Medicine, and two for Law).

The figures in Table II (below) summarize the estimates of enrollment increases at the three campuses that are attributable to the buildings included in the 1967-69 capital budget request. Most of the gain is represented by the difference between the total enrollment projected for 1968 and that for 1970. But in the case of Chicago Circle, the "capacity" is estimated to be 22,000, and, partly due to the delay of a year in the completion of Phase II, that figure won't be reached until 1971.

The estimated gain in "enrollment capacity" is shown in Table II to be 9,930 for all campuses combined — about 70 per cent of it at Chicago Circle.

As between undergraduate and professional-graduate enrollments, the overall proportions are 70 per cent undergraduate and 30 per cent professional-graduate for all campuses. At Urbana-Champaign, the division is about equal between these two groups; some 84 per cent of the Chicago Circle gain in capacity is at the undergraduate level; while at the Medical Center all of the increased capacity is at professional-graduate level.

**Table II. Estimates of Increase in Enrollment Capacity (Headcounts)
to be Provided by Buildings in the 1967-69 Capital Budget**

	<i>Freshman- Sophomore</i>	<i>Junior- Senior</i>	<i>Profes- sional</i>	<i>Graduate I</i>	<i>Graduate II</i>	<i>Total</i>
<i>Chicago Circle</i>						
Phase III limit.....	9 500	10 500	.....	1 400	600	22 000
Phase II limit.....	9 400	4 600	.....	850	150	15 000
Increase.....	100	5 900	.....	550	450	7 000
<i>Medical Center</i>						
1970 + limit.....	.....	.....	3 074 ¹	384	213	3 671
1968 limit.....	.....	.....	2 539	293	184	3 016
Increase.....	.....	.....	535	91	29	655
<i>Urbana-Champaign</i>						
1970 + limit.....	11 000	10 700	1 270 ²	4 305	4 500	31 775
1968 limit.....	11 200	9 500	820	3 880	4 100	29 500
Increase.....	-200	1 200	450	425	400	2 275
<i>All Campuses</i>						
Increase in capacity	-100	7 100	985	1 066	879	9 930

¹ This figure includes an estimated 170 Dentistry students beyond the total projected for 1970, to reflect the expansion of the three upper classes that would occur after 1970.

² This figure includes an estimated 275 Law students beyond the total projected for 1970, to reflect the expansion anticipated when the facilities are utilized to capacity.

Space "Audits": Analysis of Space Requested for the 1967-69 Capital Budget Versus Space Required by Program Standards

The net gains in enrollment "capacity" expected from the 1967-69 building program constitute the main basis for the budget requests in Schedules A, B, and C above. But the adequacy of existing facilities relative to present educational commitments must also be considered in evaluating the merits of the University's

capital request for 1967-69. It happens that at each of the three campuses, the total amount of space to be available upon completion of all current (1965-67) construction will be *less* than the amount required by established standards. Hence, part of the 1967-69 program reflects the need to overcome serious existing shortages.

Space Standards. In order to determine whether or not a given request for space is justified, it is necessary to have an acceptable standard by which to judge it. The University of Illinois has developed such standards for the kinds of programs conducted at its Chicago Circle and Urbana-Champaign campuses — through systematic studies conducted over several years by its Central Office on the Use of Space. The "numeric method" developed during the course of this work is described in some detail in a brochure prepared by that Office's Director, Harlan D. Bareither, under the title *Translating the Educational Program of an Institution into Physical Facility Requirements*. The system of space categories and standards has been "computerized" so as to permit rapid calculation of the kinds and amounts of space required for specified educational programs.

The "numeric method" has been "cross-validated" through checks of its norms against such standards as have been available from other comparable universities. In one example of such cross-comparison, the amount of "departmental" space "required" by our standards was checked against what would be "required" by the standards used at the University of California. The results were: 3,017,841 net square feet by Illinois norms and 3,124,582 net square feet by California standards. (The latter were secured from a publication entitled *A Restudy of the Needs of California in Higher Education*, prepared for the Liaison Committee of the Regents of the University of California and the California State Board of Education.)

It is critically important to recognize the marked variation in space requirements with level of education and among fields of learning. By way of emphasizing this point, and also of presenting one set of products of the "numeric method," the following figures show the number of net square feet per student required for the kind of student-program "mix" that prevailed at the Urbana-Champaign campus during the academic year 1964-65:

	<i>Freshman- Sophomore</i>	<i>Junior- Senior</i>	<i>Graduate I- Professor</i>	<i>Graduate II</i>
Net square feet per student. .	80.2	99.2	159.4	643.0

In addition to these overall averages, detailed breakdowns are available for the various categories of space and for all organizational units.

It should be strongly emphasized that the foregoing space norms are pertinent only to the particular "mix" of students (by fields of study and educational levels) that prevailed at the Urbana-Champaign campus in 1964-65. If the "mix" were to change, for example towards relatively more advanced graduate students in education than in physical science or engineering, the space requirements per student would drop very sharply.

The "numeric method" has not yet been applied at the *Medical Center Campus*, but, fortunately, the United States Public Health Service has developed national standards that are applicable to the programs there. These standards have been used in the present evaluation of the building requests submitted for the Medical Center Campus.

"Audits" of Space Requirements in Relation to Space Requests for the Three Campuses. Using these methods and standards, the following calculations have been made for each campus: (a) space "required" for the educational program (including increased enrollment) as of the dates of occupancy and relatively full use of the proposed new buildings; (b) space now available or approved for construction during the 1965-67 biennium; (c) space to be razed; (d) new space requested for the 1967-69 capital budget; (e) net status (surplus or shortage) after completion of the 1967-69 building program.

The results of these analyses are presented, on the following three pages, in Table III (Chicago Circle Campus), Table IV (Medical Center Campus), and Table V (Urbana-Champaign Campus). The net outcomes may be briefly summarized as follows:

1. CHICAGO CIRCLE CAMPUS. A surplus of 184,226 net square feet would exist in 1971 by University standards, with an enrollment of 22,000 students. This excess, however, would be due entirely to two large temporary buildings which the University is under obligation to demolish after six years (a condition attached to the conveyance of the land to the University). Without these two buildings, the Chi-

Table III. Chicago Circle Campus: Status of Space Upon Completion of the 1967-69 Building Program
(All Values in Net Assignable Square Feet)

Type of Space or Function	(1) Space Required by 1971 for Projected Enrollment	(2) Space to be Available as of 1968	(3) Space to be Razed	(4) Space Gained (+) or Lost (-) by Reassignment	(5) Space Requested for 1967-69 Budget (See Schedule A)	(6) Net Amount of Space to be Available for Use in 1971	(7) Surplus (+) or Shortage (-) of Space as of 1971
Classrooms.....	232 614	142 657	0	0	62 581	205 238	- 27 376
Instructional Laboratories.....	367 958	401 825	0	0	87 135	488 960	+121 002
Instructional Gymnasiums.....	129 928	54 986	0	0	139 492	194 478	+ 64 550
Office.....	474 059	230 591	0	0	248 245	478 836	+ 4 777
Library.....	275 679	166 016	0	0	106 663	272 679	- 3 000
Research.....	211 677	26 862	0	0	182 790	209 652	- 2 075
Commuter.....	78 780	53 626	0	0	38 400	92 026	+ 13 246
Archive and Storage.....	105 929	35 959	0	0	43 013	78 972	- 26 957
Drill Hall.....	18 000	13 199	0	0	0	13 199	- 4 801
Inactive — Remodeling.....	28 419	83 894	0	0	0	83 894	+ 55 475
Physical Plant.....	90 098	77 905	0	0	0	77 905	- 12 193
Subtotal A.....	2 013 141	1 287 520	0	0	908 319	2 195 839	182 698
Student Service.....	179 009	180 537	0	0	0	180 537	+ 1 528
Health Service.....	5 027	5 027	0	0	0	5 027	0
Auditorium and Museum NFI.....	2 504	2 504	0	0	0	2 504	0
Gymnasium Seating NFI.....	15 562	0	0	0	15 562	15 562	0
Greenhouse.....	11 370	3 790	0	0	7 580	11 370	0
Total.....	2 226 613	1 479 378	0	0	931 461	2 410 839	+184 226

Table IV. Medical Center Campus: Status of Space Upon Completion of the 1967-69 Building Program

(All Values in Net Assignable Square Feet)

Program or Function	(1) Space Required by 1970 for Projected Enrollment	(2) Space to be Available as of 1968	(3) Space Razed	(4) Space Gained (+) or Lost (-) by Reassignment	(5) Space Requested for 1967-69 Budget (See Schedule B)	(6) Net Amount of Space to be Available for Use in 1970	(7) Surplus (+) or Shortage (-) of Space as of 1970
Administration.....	40 365	29 246	0	- 10 371	37 604	56 479	+ 16 114
College of Medicine.....	865 388	432 129	0	+109 683	0	541 812	-323 576
College of Dentistry.....	173 610	67 945	0	- 67 945	156 524	156 524	- 17 086
College of Pharmacy.....	110 028	96 168	0	+ 1 363	0	97 531	- 12 497
College of Nursing.....	49 665	82 298	0	- 9 298	0	73 000	+ 23 335
Aeromedical Laboratory.....	16 414	11 896	0	0	0	11 896	- 4 518
Illustration Studios.....	4 244	15 431	0	- 990	0	14 441	+ 10 197
Subtotal A.....	1 259 714	735 113	0	+ 22 442	194 128	951 683	-308 031
Classrooms.....	54 487	53 257	0	0	4 849	58 106	+ 3 619
Library.....	62 731	21 020	0	- 15 407	84 048	89 661	+ 26 930
Physical Plant.....	38 439	25 758	15 845	0	0	9 913	- 28 526
Animal Facilities.....	29 122	28 100	0	0	31 241	59 341	+ 30 219
Archive and Storage.....	56 951	129 360	58 772	- 2 100	0	68 488	+ 11 537
Subtotal B.....	1 501 444	992 608	74 617	+ 4 935	314 266	1 237 192	-264 252
Student Service.....	22 536	11 969	3 942	0	3 066	11 093	- 11 443
Health Service.....	1 341	972	0	0	0	972	- 369
Gymnasiums.....	5 537	4 003	0	0	0	4 003	- 1 534
Quasi University.....	2 073	1 503	0	0	0	1 503	- 570
Lockers.....	14 414	10 435	0	- 3 385	6 493	13 543	- 871
Union.....	23 951	66 913	2 402	- 1 550	0	62 961	+ 39 010
Total.....	1 571 296	1 088 403	80 961	0	323 825	1 331 267	-240 029

Table V. Champaign-Urbana Campus: Status of Space Upon Completion of the 1967-69 Building Program

(All Values in Net Assignable Square Feet)

Program or Function	(1) Space Required by 1970 for Projected Enrollment	(2) Space to be Available as of 1968	(3) Space to be Razed	(4) Space Gained (+) or Lost (-) by Reassignment	(5) Space Requested for 1967-69 Budget (See Schedule C)	(6) Net Amount of Space to be Available for Use in 1970	(7) Surplus (+) or Shortage (-) of Space as of 1970
Administration.....	272 678	232 578	3 535	+ 6 941	0	235 984	- 36 694
Agriculture.....	396 435	410 558	0	0	0	410 558	+ 14 123
Commerce.....	51 026	48 785	2 117	0	0	46 668	- 4 358
Education.....	107 167	70 194	1 673	+ 18 075	0	86 596	- 20 571
Engineering.....	958 730	908 071	0	+ 9 709	15 135	932 915	- 25 815
Fine and Applied Arts.....	260 260	187 398	3 120	+ 3 658	34 531	222 467	- 37 793
Graduate College.....	43 479	65 883	1 962	0	1 700	65 621	+ 22 142
Journalism.....	31 334	30 062	0	0	0	30 062	- 1 272
Law.....	25 161	15 216	0	0	16 726	31 942	+ 6 781
Liberal Arts and Sciences.....	974 704	856 611	7 208	- 7 887	109 335	950 851	- 23 853
Physical Education.....	266 823	224 949	0	- 4 450	48 617	269 116	+ 2 293
University Extension.....	21 398	16 750	0	0	0	16 750	- 4 648
Veterinary Medicine.....	158 327	89 622	9 947	0	26 110	105 785	- 52 542
Military Science.....	15 029	20 799	0	0	0	20 799	+ 5 770
Miscellaneous Units.....	24 908	18 400	0	0	733	19 133	- 5 775
General University (Armory Floor).....	77 809	77 809	0	0	0	77 809	0
<i>Subtotal A.....</i>	<i>3 685 268</i>	<i>3 273 685</i>	<i>29 562</i>	<i>+ 26 046</i>	<i>252 887</i>	<i>3 523 056</i>	<i>-162 212</i>
Classroom.....	305 819	319 554	0	- 11 756	21 550	329 348	+ 23 529
Library.....	672 083	479 710	0	- 11 690	147 020	615 040	- 57 043
Commons.....	46 059	39 472	0	0	7 239	46 711	+ 652
Inactive — Remodeling.....	69 210	37 722	0	0	0	37 722	- 31 488
Physical Plant.....	185 283	158 091	0	0	0	158 091	- 27 192
<i>Subtotal B.....</i>	<i>4 963 722</i>	<i>4 308 234</i>	<i>29 562</i>	<i>+ 2 600</i>	<i>428 696</i>	<i>4 709 968</i>	<i>-253 754</i>
Student Services.....	262 078	163 848	0	0	0	163 848	- 98 230
Hospital.....	47 651	41 793	0	0	0	41 793	- 5 858
Laboratory School.....	42 613	42 613	0	0	0	42 613	0
Museum.....	47 040	47 040	0	0	0	47 040	0
Gymnasium NFI.....	168 908	44 401	0	0	124 507	168 908	0
Auditorium.....	297 456	295 356	0	- 2 600	4 700	297 456	0
Athletic Association.....	108 890	108 890	0	0	0	108 890	0
Quasi University.....	157 031	157 031	0	0	0	157 031	0
<i>Total.....</i>	<i>6 095 389</i>	<i>5 209 206</i>	<i>29 562</i>	<i>0</i>	<i>557 903</i>	<i>5 737 547</i>	<i>-357 842</i>

cago Circle Campus would have a shortage of 68,889 net square feet of space as of the date of capacity utilization of Phase III buildings.

2. **MEDICAL CENTER CAMPUS.** A shortage of 240,029 net square feet of space would exist, by United States Public Health Service standards, after the four new buildings had been completed and fully utilized.

3. **URBANA-CHAMPAIGN CAMPUS.** A shortage of 357,842 net square feet of space by University standards would remain after all of the buildings included in the 1967-69 budget request had been fully utilized.

In sum, then, the total amount of building space proposed for the University's 1967-69 capital budget is fully justified in terms of its overall program requirements. The standards used are reasonable, and they have been carefully applied in measuring the space needs of all units on all campuses. If the University is to expand its work on the scale indicated, and if a high level of quality is to be sustained, the facilities requested must be provided.

In the following sections, detailed descriptions of the building programs proposed for each of the three campuses will be presented.

IV. Chicago Circle Campus: Capital Program for 1967-69

The Development Plan for the Chicago Circle Campus

The Original Program. The Chicago Circle Campus was conceived originally as a four-year institution covering a fairly wide range of educational fields and looking toward an undergraduate enrollment of approximately 20,000 students by 1970. Three phases of construction were planned: Phase I, accommodating about 10,000 students (with temporary academic use of student-union space and other emergency adjustments); and Phases II and III to provide space for an additional 5,000 students each — to bring the total to 20,000.

Modifications in the Program Resulting from the Adoption of the Master Plan. The original conception of the Chicago Circle Campus has been changed by the adoption of the Master Plan, which calls for greater emphasis on junior-senior and graduate-professional study by the state universities. This would seem to be particularly appropriate for the University of Illinois, in view of its unique status as an institution of higher education in the state. Further, considering the absence of a public institution offering general graduate work in Chicago, it is highly desirable to introduce graduate study there as soon as the necessary resources can be provided. It now seems that a limited amount of work at master's level can be initiated in 1967-68. The program would be expanded thereafter as rapidly as resources would permit.

It should be emphasized, however, that the original target of 20,000 undergraduates by the time Phase III is fully utilized has not been changed. The only change of plan affecting undergraduates would involve a shift toward a higher proportion of juniors and seniors — to accommodate junior-college transfers in the Chicago area, in accordance with the Master Plan. A limited amount of graduate instruction will be initiated through the use of extra space in recently-acquired, old buildings and emergency use of space used also for undergraduate instruction. The unanticipated acquisition of three buildings on or near the Chicago Circle Campus — the Central National Bank Building, the Illinois Eye and Ear Infirmary Building, and the Stein Building — have mainly provided the space that will make it possible to begin graduate study in several fields in 1967-68. But since the Central National Bank Building and the Stein Building are scheduled for early demolition by agreement with the city of Chicago, as noted in an earlier section, it is essential that the buildings requested for Phase III be provided if the graduate program is to go forward.

The capital projects proposed for Chicago Circle will be described in the following sections. In Appendix A, detailed specifications are given concerning the kinds and amounts of space in the several building projects for that campus. (Appendix A is not included in these minutes but is filed with the Secretary of the Board for record.)

Buildings Requested for the Chicago Circle Campus

Architecture and Art Addition (\$5,866,000). The work of the College of Architecture and Art has been considerably retarded by the delay in the construction of its facilities. It is essential that this second unit of the College's space be added in order that the undergraduate program might be rounded out and graduate study initiated. The Department of Architecture and the Department of Art will

both use this space. In combination, these two departments serve both the cultural needs of the University at Chicago Circle and the practical aspect of urban programs through the translation of scholarly knowledge into workable physical reality.

Behavioral Science Center (\$10,714,000). This building, the second largest scheduled for Phase III, lies at the very heart of the emphasis on urban studies of the Chicago Circle Campus. The disciplines represented in this building constitute the main focus of the plans for the development of educational programs, both instructional and research, that will be directed to the solution of the problems of urban society. These departments are Anthropology, Geography, Political Science, Psychology, and Sociology.

Education Center (\$6,957,000). This project will house the laboratories for the Departments of Music and Speech and will provide both administrative and academic facilities for the Division of Education and the Graduate School of Social Work. The occupants of this site will figure prominently in the urban mission of the Chicago Circle Campus. The Division of Education will be broadly concerned with the education of teachers, and with experimentation designed to improve education at all levels. The Graduate School of Social Work expects to expand its enrollment sharply, in order to help meet the ever-increasing demand for more and better-trained personnel in the social-welfare field.

Greenhouse Addition (\$252,000). This project will supply the Department of Biological Sciences with additional greenhouse space for both graduate and undergraduate education. Its specimens will be required for undergraduate instructional laboratories and the facility to be used in graduate research programs in the various fields of plant science.

Library Addition (\$6,841,000). Phase III of the University of Illinois Chicago Circle Library, which will complete the building as originally planned, will provide the seating capacity necessary to serve some 20,000 students. It will also provide the added bookstack capacity necessary for a research library. The first two units of the building were intended primarily to handle the growing student body through the period 1965-67. As a result, book capacity in the first two units was reduced in order to provide space for seating. At the present rate of growth, the book collections will keep pace with, or slightly exceed, the capacity of the first two units and unit III is necessary to provide book capacity for future growth of the collections.

In addition to increased book and reader space, the third unit of the library will provide space for the map and documents collections, space for the technical services staff necessary to handle larger book budgets, and additional faculty studies and graduate-student carrels.

Physical Education Building (\$7,095,000). Among the eight buildings listed in Schedule A (page 14), the Physical Education Building has been carried forward from Phase II — having been dropped because of insufficient funds in the capital budget due to cost escalation. Working drawings for this structure have been completed, and it will be possible to commence construction as soon as funds become available. The building could be completed by September, 1969. Approximately 35 per cent of the cost of the project would be met from student fees, since it is estimated that approximately this proportion would represent the recreational use of the facility.

In the absence of this facility students are forced to travel to temporary, unsatisfactory quarters for their courses in physical education. Furthermore, it is not possible to provide the work necessary to earn a degree in the teaching of physical education — a field in which there is an acute shortage of women teachers.

Science-Engineering Center (\$32,776,000). This building, the largest and most complex yet planned for the Chicago Circle Campus, will house in part the natural sciences and engineering departments. The facility will contain their upper-division and advanced programs, supplying the laboratories necessary for the recruitment of outstanding academic personnel necessary to instruct the projected student enrollment. The Center will include, as one of its facilities, a science and engineering library. The departments occupying the building are: Biological Sciences, Chemistry, Energy Engineering, Geology, Information Engineering, Material Engineering, and Physics.

Student Services Administration Building (\$3,533,000). This structure, situated at the gateway to the Chicago Circle Campus and most immediately accessible to

the public transportation, will house the facilities directly related to students, such as the Office of the Dean of Student Affairs, the Office of Admissions and Records, and the Business Office. The completion of this building will permit the transfer of these offices from the present University Hall, thereby permitting the humanities departments to have the expansion space required in order that the enrollment projected for 1971 may be accommodated. Furthermore, it has now become clear that only a building specially designed for these administrative purposes will enable the University to handle the growing numbers of students without undue congestion and disruption of scheduled activities.

Other Capital Projects

Heating Plant Addition (\$2,846,000). In order to provide heat and air conditioning to the Phase III buildings proposed for construction in the 1967-69 biennium, it is necessary to add to the Utilities Center area enough area to house the following additional equipment: (a) two high temperature hot water generators with pumps, motors, and appurtenances; (b) one 3,500 ton refrigeration unit for chilled water complete with appurtenances; (c) a cooling tower; (d) additional switch gear and electrical equipment to increase the capacity of the campus distribution system as required to service the new buildings.

Land Acquisition (\$3,169,000). The land acquisition to date for the Chicago Circle Campus was based on the original long-range planning for 20,000 undergraduate students by 1970. The current planning anticipates 25,500 students by 1974, of which approximately 3,500 will be graduate students. This change results in the need for more building space and more land than previously planned. Accordingly, the acquisition of forty-eight acres south of the campus and within Chicago's proposed Roosevelt-Halsted redevelopment project is recommended for the 1967-69 biennium.

Movable Equipment (\$8,748,000). The requested funds include two components: (a) funds for equipping the buildings that will be completed for use by the fall of 1969; (b) funds for the procurement of equipment that had to be deleted from the Phase II budget. The estimate for movable equipment in Phase II was made of necessity before final costs of Phase I were known and before detailed status sheets could be prepared by the departments. Using the estimated Phase I costs, a percentage of estimated construction costs for Phase II was taken as the estimated cost of movable equipment. But between the time that the movable equipment budget was prepared and the preparation of the status sheets by new department heads, it became apparent that the mission of the Chicago Circle Campus would change under the Master Plan of the State Board of Higher Education. Instead of a predominantly undergraduate campus with more lower division than upper division students and a few graduate students, it became necessary to anticipate a larger proportion of upper division and graduate students, with a minority of lower division students and with strong emphasis on research. The equipment needs rise strikingly with the latter type of campus, particularly in "higher-cost" disciplines, such as laboratory sciences (biology, chemistry, geology, physics), applied sciences (engineering), and fine arts (architecture, art). All are heavily involved in Phase II. Thus a deficiency of some \$4,109,000 resulted.

The Phase III buildings scheduled for completion in 1969 and the basis for estimating the movable equipment needed are as follows: Behavioral Science Center (10 per cent of estimated construction costs); Science-Engineering Center (20 per cent of estimated construction cost for the part scheduled for completion in 1969); Physical Education Building (a total of \$200,000).

Remodeling (\$1,273,000). These funds are needed for remodeling in the following buildings: (a) Central National Bank Building (\$181,900 — previously unassigned areas, to be used by Engineering, Psychology, and Sociology); Adams Hall and Burnham Hall (\$285,000 — to reconvert to classrooms, space now used by the College of Architecture and Art); Science and Engineering Laboratories (\$500,600 — to make possible more effective use of several laboratory areas in this building, in the light of needs and difficulties that have emerged as the several departments have worked in the present arrangement of the space); Illinois Eye and Ear Infirmary Building (\$175,500 — to continue the remodeling of unused parts of this building for Geology and Psychology); Stein Building (\$130,000 — to make usable certain areas of this temporary building that presently are unassigned, for Speech and Theatre, Sociology, and Social Work).

Planning for 1969-71 (\$1,500,000). In order to complete within a biennium

the buildings scheduled for that biennium, it is essential that design through working drawings be completed prior to the beginning of the biennium. The funds requested for 1967-69 would provide for the completion of working drawings for Phase IV consisting of 610,000 gross square feet of space. This would add sufficient enrollment capacity to accommodate some 23,500 students at full utilization.

Site Development, including Extension of Utilities Distribution Systems (\$4,482,000). This project provides tunnels for hot and chilled water (supply and return) from the Utilities Center to Harrison Street for service to the Education Center, Behavioral Science Center, and the Student Services Administration Building; and from the Utilities Center to the Physical Education Building to be located south of Roosevelt Road. It includes funds for seeding of and irrigation for athletic fields, water mains for drinking fountains, storm drainage, and electric power duct runs and cables. The project also includes graphics for proposed 1967-69 buildings, their landscaping, fencing, and general site development.

V. Medical Center Campus: Capital Program for 1967-69

The capital program shown in Schedule B for the Medical Center Campus is designed to meet two types of needs: (a) space required to overcome critical shortages in three areas, as well as to improve the quality of facilities; (b) space to enable the College of Dentistry to double its overall enrollment when the proposed new building for that College has been brought to a level of full utilization.

The capital projects proposed for the Medical Center will be described in the following sections. In Appendix B, detailed specifications are given concerning the kinds and amounts of space in the several building projects for that campus. (Appendix B is not included in these minutes but is filed with the Secretary of the Board for record.)

Building Funds Requested in Schedule B for the Medical Center Campus

Deficiency in the 1965-67 Capital Budget (\$3,492,000). Due to cost escalation, three buildings in the current (1965-67) construction program can not be completed without additional funds. The total is estimated to be distributed as follows among three buildings: (a) College of Nursing Building, \$1,141,000; (b) Medical Sciences Addition, \$1,016,000; (c) East Dentistry-Medicine-Pharmacy Addition, \$1,335,000.

It is expected that a special appropriation will be sought early in the next session of the General Assembly in order to provide the funds needed to complete these buildings. This would not only permit the occupancy of the buildings sooner, but would also save substantial amounts of money by avoiding further inflation of cost.

College of Dentistry Building (\$19,000,000). As already noted, enrollment in all kinds of programs in the College of Dentistry would be approximately doubled — increasing from the present ceiling of 431 to 876 students. There would be an increase in the professional program of about 66 per cent (from 90 to 150 beginning students). In terms of staff, the facility would permit an increase from approximately 90 full-time equivalent professional staff members to 133; from 38 to 52 clerical employees; and from 76 to 103 technical employees. It is believed that as much as \$7,800,000 in federal funds could be secured for the construction of this facility.

When the Dentistry Building has been completed, space in other buildings that is badly needed by the College of Medicine for instructional and research purposes would be vacated.

Library Building (\$7,579,000). The Library at the Medical Center now occupies only about 15,000 net square feet of space, whereas it should have a total of 51,000 according to the standards of the United States Public Health Service. The situation is acutely critical, in view of the rapid expansion of medical knowledge and the increasing accumulation of other medical literature. If the Medical Center Campus is to maintain and improve its standing as an outstanding center for professional education and medical research, it is imperative that its library facilities be improved, and at once. Federal funds in the amount of \$1,450,000 will be sought.

Medical Research Laboratory (\$3,517,000). This is a central facility housing animals used in biological and medical research throughout the Medical Center Campus. There is great need both to increase the amount of space and to improve the arrangements for housing the growing number of experiments that must be conducted as research expands on the campus. The present facility has a total of

approximately 26,000 net square feet of space, and it is proposed to add approximately 31,000 through the construction of the new unit. This would permit the doubling of the permanent staff housed in the facility (principally technical staff and caretakers, since the professional staff have their offices elsewhere). It is believed that as much as \$1,460,000 of the total of \$3,517,000 could be secured from federal sources.

Office Building (\$3,666,000). This structure would provide space for a variety of administrative and technical units which now are widely scattered over the campus area. Included would be the Office of Admissions and Records, Graduate College, Office of the Vice-President, Safety Office, Office of Student Affairs, Office of Space Utilization, Statistical Service Unit, Business Office, Physical Plant Department (offices), Office of Nonacademic Personnel. Bringing these units together in one building would improve the efficiency of their varied operations, partly because there is much interchange among them. It would also release scattered space in many buildings which is badly needed by the several colleges.

Other Capital Projects

Movable Equipment (\$580,000). Funds are requested only to the extent that the matching of movable equipment items in federal grants might be required. As already noted, most of the movable equipment for these structures would not be needed until the biennium 1969-71.

Planning Funds (\$220,000). Funds are needed for program studies and preliminary design for an addition to the hospital building, which would permit the replacement of the present patient-care facilities in the General Hospital and the Orthopaedic Building (now more than forty years old and essentially without modernization). Engineering studies are needed for the design of air conditioning facilities for selected hospital areas. And funds are needed also for continuing studies of the overall campus plan and of changes that should be made in order to bring about more effective integration of the complex functions housed at the Medical Center Campus.

Remodeling, Rehabilitation, and Minor Additions (\$762,000). The original request for remodeling recommended by the Campus Planning Committee at the Medical Center totaled \$3,346,800—a figure representing the serious backlog of unmet needs of this type. The University Building Program Committee reduced the request to \$762,000 by including only projects of very high priority. This amount would permit the remodeling of space vacated by other units and also some badly-needed improvement in obsolete laboratory and clinical facilities. Almost half of the total would be used for increasing the electrical capacity of the Neuropsychiatric Institute Building.

Site Development (\$60,000). This item is included for the extension of utilities, public improvements, and street improvements.

VI. Urbana-Champaign Campus: Capital Program for 1967-69

As already noted, a serious shortage of space exists now at the Urbana-Champaign Campus, and it will not be overcome by the construction scheduled for completion by 1968. Furthermore, some 200,000 net square feet of the existing space consists of temporary buildings near the campus that have been acquired for emergency use. Although the new construction proposed in this biennial budget request would add slightly more than 500,000 net square feet to the space inventory, the increases in enrollment would be such as to leave a net shortage of about 350,000 net square feet as of 1970.

In large measure, these shortages reflect the rapid growth of graduate study, especially in the natural sciences and engineering. It has not seemed advisable to limit this growth too sharply in order to maintain a strict balance with facilities. Departments have been under great pressure to expand, and they have often chosen to endure substandard facilities as a lesser evil than stagnation—in a period of great social demand for advanced study and research and increasing amounts of support for research operations.

The individual capital projects proposed for the Urbana-Champaign Campus will now be described briefly in the following sections. In Appendix C, detailed specifications are given concerning the kinds and amounts of space to be included in the several buildings requested for that campus. (Appendix C is not included in these minutes but is filed with Secretary of the Board for record.)

Buildings Requested for the Urbana-Champaign Campus

Deficiency in the 1965-67 Capital Budget (\$3,117,000). Due to cost escalation, four buildings in the current (1965-67) construction program can not be completed without additional funds. As noted in Schedule C, the total is estimated to be \$3,117,000, distributed as follows among four buildings: (a) Small Animal Clinic, \$850,000; (b) Civil Engineering Building (Phase IIA), \$636,000; (c) Undergraduate Library, \$1,200,000; (d) Psychology Building, \$431,000. The reasons for requesting a special appropriation for such items, early in the next session of the General Assembly, are the same as those cited in the discussion of similar projects for the Medical Center Campus.

East Chemistry Second Addition (\$9,063,000). This structure would continue the program of modernization of laboratory space for the Department of Chemistry and Chemical Engineering, while at the same time releasing space in the old laboratory building for the use of other departments. Furthermore, it would enable that distinguished Department to accommodate a growing number of undergraduate and graduate majors.

It is believed that federal funds in the amount of approximately \$2,600,000 could be secured for the project. Since the University has no other similar facility in its 1967-69 building program, it seems urgent that this structure be included. Chemistry needs the modern laboratory facilities, the space to be vacated is badly needed by other departments, and a large federal grant would be lost if this project is not supported.

Engineering Library (\$4,780,000). The rapid growth of graduate study in engineering and the greatly increased rate of scientific publication in its various branches have made the present Library space totally inadequate. There are only 120 seats in this Library to accommodate over 1,200 graduate and 3,575 undergraduate students. The expansion of space proposed would overcome this acute shortage and would provide for the additional enrollment projected to 1974.

In addition, space would be provided for an information storage and retrieval research center, utilizing this Library as a laboratory. The Department of Computer Science and the Graduate School of Library Science would cooperate with the College of Engineering in this program.

It is believed that this project would be eligible for a matching federal grant of as much as \$1,000,000.

Foreign Languages Building (\$7,241,000). This facility has been included by the University in its last two biennial budget requests. (It was called a "classroom-office building" earlier.) On both occasions, it was disapproved by the Board of Higher Education. The building was badly needed even earlier than 1963 to relieve serious overcrowding in the College of Liberal Arts and Sciences. The need has steadily increased with growing enrollment in that College. The Foreign Languages Building would provide offices for all of the language departments of the College and badly-needed space for expanded language-laboratory facilities. Additional classroom space for general University use would also be included. A federal grant of \$1,000,000 is anticipated.

Intramural-Physical Education Building (\$9,301,000). This facility was approved by the State Board of Higher Education for inclusion in the University's 1965-67 capital budget. It became necessary, however, to delete the project because of inability to secure the necessary general-revenue appropriation required for the part of the building planned for educational purposes. As Schedule C shows, most of the cost of this facility would be met from student fees, and it is very badly needed. It is hoped that the state funds required (\$1,662,000) can be included in the 1967-69 capital budget.

Law Building Addition (\$4,585,000). This facility would enable the College of Law virtually to double its enrollment of professional students, as well as to provide space for additional graduate students. The overall increase would be from the 1965-66 level of 537 students to slightly more than 1,000 students by 1972.

Applications for admission to the College of Law have grown rapidly in recent years, and many well-qualified students must now be denied admission. If the state of Illinois is to continue to provide opportunity for legal education to an increasing number of college graduates, it is essential that this program of expansion be supported. A federal grant of \$1,200,000 is believed to be probable under Title II of the Higher Education Facilities Act.

Library Fifth Stack Addition (\$1,920,000). The Library requested two additions to its stacks in order to provide storage space for new acquisitions. It was decided to include only one in the present budget request, although both would have been justified in terms of the library space standards. The structure is thus urgently needed if the Library is to continue to make necessary additions to its collections and to make the new acquisitions accessible to its users. As noted in Table V (page 22), even with this structure and other library space proposed elsewhere in the 1967-69 capital request, there would be an overall shortage at Urbana-Champaign of more than 50,000 net square feet of library space as of 1970.

Music Building (\$4,890,000). Funds for additional space for the School of Music were proposed in the University's 1963-65 capital budget request. The need was great at that time both because of a shortage of space in relation to enrollment and staff, and also because most of the instruction in applied music was being conducted in temporary quarters (six old residences) that were exceedingly unsatisfactory for teaching purposes. This item was not approved by the Illinois Board of Higher Education, however, and was deleted from the University's final request as submitted to the General Assembly.

Enrollment has had to be limited in the School of Music for several years in spite of the growing demand for music teachers in the schools. Graduate enrollment also could be expanded substantially if adequate facilities could be provided. These and other enrollment pressures will grow when the Krannert Center for Performing Arts is completed. To meet these new needs, to provide adequate facilities for music instruction for the existing student body, and in the interest of improved faculty morale, it seems imperative that this too-long-delayed building project be included in the capital budget for 1967-69.

Nuclear Reactor Laboratory (\$1,311,000). The Nuclear Engineering Program is relatively new in the College of Engineering, since the latter received approval for a doctoral program in this area only five years ago. At the present time, a total of sixty graduate students are specializing in nuclear engineering, with seventeen of them having passed their preliminary examinations for the Ph.D. degree. The program has strong fellowship support as well as substantial research support from federal agencies. A further argument for the inclusion of this project in the present budget request is the high probability that almost half the cost could be met from a matching federal grant.

Small Animal Clinic Phase I Completion (\$2,147,000). This project represents space that had to be omitted from the original plan for the Small Animal Clinic, because the bids received were excessive and hence it became necessary to replan the building. It is critically needed in order to permit the College of Veterinary Medicine to consolidate all of its clinical work with small animals at one location. In addition, a shortage of space has resulted in the establishment of a ceiling on enrollment in this College far below the level of student demand. Since the College of Veterinary Medicine is the only state-supported institution of its type, it seems critically necessary to proceed with its building program, in order to close the gap between demand and opportunity for professional veterinary education.

Turner Hall Headhouse and Greenhouses (\$932,000). The first phase of construction of Turner Hall was completed in 1963-64, with the general expectation that the remainder of the building would probably be scheduled for construction in two additional phases. When finally completed, it would house the Departments of Agronomy, Forestry, Horticulture, and Plant Pathology of the College of Agriculture. Phase I provides space for only about half of the staff and operations of the Department of Agronomy.

As noted below in the request for planning funds, high priority has been given to Phase II of Turner Hall for the 1969-71 capital budget. The completion of plans for it during 1967-69 would permit construction within the following biennium.

The headhouse and greenhouses are essential laboratory adjuncts to Turner Hall, and should be completed before Phase II can be built. The latter necessity arises because two existing greenhouses must be relocated to clear the site for Phase II. Another reason is that these laboratory facilities would greatly improve the research resources of the several departments and would enable the College of Agriculture to qualify for special federal grants for the construction of additional greenhouse units at no cost to the University.

Women's Gymnasium Addition (\$1,362,000). This project was deleted from the 1965-67 budget, after approval by the Board of Higher Education, because suffi-

cient general-revenue funds could not be provided to meet the state's share of the cost. One of the main facilities to be added with this structure is a swimming pool, which would be used heavily for physical-education classes. As Schedule C shows, of the estimated total cost, some \$780,000 would come from state appropriations—reflecting the proportion of use of the facility for instructional purposes.

Other Capital Projects

Campus Improvements (\$376,000). Some seven projects are included under this heading (sidewalks, bicycle facilities and pavings, campus security lighting, landscaping, reforestation, etc.).

Land Acquisition (\$4,450,000). These funds are needed for two purposes: (a) to enable the University to acquire title to land purchased in its behalf by the University of Illinois Foundation (\$4,250,000); (b) to acquire land needed for the proposed Engineering Library (\$200,000). The land acquired by the Foundation in behalf of the University includes sites adjacent to buildings that are now under construction, as well as land immediately adjacent to the campus which had been put on the market for sale and which would have undergone sharp increase in price due to planned improvements for commercial purposes. Included also are such facilities as the Colonel Wolfe School which has been remodeled for highly important research being conducted by the College of Education and the Department of Psychology (including a "Headstart" project of major significance).

Movable Equipment (\$800,000). As already noted, most of the movable equipment for the buildings listed in Schedule C would not be purchased until the biennium 1969-71. Certain of the projects might be completed sooner, however, and it is estimated that the sum of \$800,000 would be sufficient for the procurement of equipment for these structures. Included would be matching funds for the parts of anticipated federal grants that would be available for the purchase of equipment.

Planning Funds (\$608,000). Funds for the planning of two projects are included: (a) Large Animal Clinic (\$356,000); (b) Turner Hall Phase II (\$252,000). Both projects will have very high priority in the University's building program for 1969-71, and it is hoped that architectural plans and working drawings can be completed during the coming biennium. If that can be done, the buildings could be completed one year earlier and at a very substantial saving in cost.

The Large Animal Clinic would make possible an increase in enrollment in the professional program in Veterinary Medicine, which is urgently needed. It is now necessary to turn away many qualified students, and a substantial increase in enrollment cannot occur until adequate hospital facilities have been provided.

The construction of Phase II of Turner Hall would make it possible for the College of Agriculture to vacate its remaining space in Davenport Hall, thus releasing space to the College of Liberal Arts and Sciences. The latter badly needs space in the central region of the campus in order to accommodate expected enrollment increases.

Protection of Life and Property (\$335,000). Funds are requested only for the most urgent improvements in three existing buildings (Natural History Building, Metallurgy and Mining Building, and Gregory Hall) as well as to improve water-supply protection and to install life-safety improvements in several places of public assembly.

Public Improvements (\$420,000). Two projects are included: (a) a contribution by the University to the program of "plant and interceptor sewer expansion" proposed by the Urbana and Champaign Sanitary District (and approved by bond issue referendum on November 23, 1965); (b) improvements in the Upper Embarrass River Basin Drainage District (\$170,000). Since the University derives distinct benefits from these improvements, and since it is customary for the University to make its proportional contribution towards such projects, funds for this purpose should be provided.

Remodeling, Rehabilitation, and Minor Additions (\$2,000,000). These funds would be used primarily for remodeling space vacated by departments that will move into new buildings. Although the total need for the three purposes listed far exceeds the amount requested, experience has shown that \$2,000,000 represents approximately the level of work that can be effectively programmed and completed within a biennium. In relation to the total physical plant at the Urbana-Champaign campus, the sum requested is a very modest one.

Street and Street Lighting Improvements (\$808,000). The street improvements include five projects involving the widening of streets adjacent to the campus, the extension of pavement alongside one street, and the extension of another street (for a total of \$698,000). Funds for street lighting improvements in the amount of \$110,000 are requested — for lighting projects on two streets (Florida Avenue, from Neil Street to Lincoln Avenue; Gregory Drive, from Oak Street to Fourth Street).

Utilities Distribution System (\$2,373,000). This item includes funds for extensions and other changes in the utilities distribution system that would be necessary to provide essential services to the buildings included in Schedule C.

(Secretary's Note — This document is supported by appendices given data on gross square feet, net assignable square feet, and enrollment capacities and costs of the buildings on each campus. Copies of these appendices were filed with the Secretary for record.)

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(18) The Committee on Nonrecurring Appropriations, the Executive Vice-President and Provost, and the Vice-President and Comptroller recommend the following appropriations:

From University General Reserve

URBANA-CHAMPAIGN

College of Liberal Arts and Sciences

Department of Chemistry and Chemical Engineering, equipment....	\$ 38 544 00
Department of Zoology, equipment.....	17 895 00

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

To begin remodeling in the Natural History Building for the Departments of Botany, Geology, and Zoology.....	150 330 00
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<i>Total, Urbana-Champaign</i>	<u>\$206 769 00</u>
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CHICAGO CIRCLE

Assignment to the Office of the Vice-President, to match funds for grants received from the United States Office of Education under Title VI of the Higher Education Act of 1965.....	\$ 79 269 00
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Renovation and remodeling for which funds are assigned to the Physical Plant Department:

Remodeling in the Roosevelt Road Building (the former Central National Bank Building) for the Division of Physical Education	95 000 00
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<i>Total, Chicago Circle</i>	<u>\$174 269 00</u>
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<i>Total, University General Reserve</i>	<u>\$381 038 00</u>
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From National Science Foundation Cost-of-Education Allowances

URBANA-CHAMPAIGN

College of Engineering

Nuclear Engineering, upgrading of the Nuclear Reactor, to supplement a grant from the National Science Foundation.....	\$ 72 000 00
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CHICAGO CIRCLE

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

Remodeling in the Science and Engineering Laboratories for the Departments of Biological Sciences and Chemistry.....	53 000 00
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<i>Total, National Science Foundation Cost-of-Education Allowances</i>	<u>\$125 000 00</u>
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From Contract Research Reserve

MEDICAL CENTER

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

Remodeling in the Research Laboratory in the Sangamon Street Building (the former old Illinois Eye and Ear Infirmary) for the Departments of Medicine and Microbiology.....	\$210 000 00
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<i>Grand Total</i>	<u>\$716 038 00</u>
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I concur.

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

CONTRACTS FOR WATER DISTRIBUTION SYSTEM IMPROVEMENTS AT UNIVERSITY OF ILLINOIS-WILLARD AIRPORT

(19) On May 18, 1966, the Board awarded contracts for water main improvements and water storage improvements at the University of Illinois-Willard Airport. Subsequently, The Fowler Company, Centralia, lowest bidder on three phases of the project, refused to execute contracts. In accordance with the bidding provisions, The Fowler Company has been informed that its bid deposit has been retained by the University as liquidated damages.

The Director of the Institute of Aviation and the Vice-President and Comptroller recommend award of contracts to the second lowest bidders, as follows:

Division D, Water Main Improvements—Cross Construction, Inc., Urbana	\$ 4 738 79
Division E, Water Storage Improvements Section 2, Water Pumping Facilities—George S. Walker Plumbing & Heating, Inc., Decatur..	2 940 00
Division E, Water Storage Improvements Section 3, Electrical Work—Square Deal Electrical Contracting, Inc., Urbana.....	6 922 00
<i>Total</i>	<i>\$14 600 79</i>

The additional funds, \$346.39 (the total of the differences in the bids), required are available in the appropriation previously made by the Board for a water distribution system.

I concur.

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

CONTRACTS FOR REMODELING IN MCKINLEY HOSPITAL

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of cost-plus contracts and the assignment of \$42,000 from the General Reserve for remodeling Room 314, McKinley Hospital, into a microbiology laboratory, the award in each case being to the lowest bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payment</i>
General Work—Dean Evans Co., Champaign.....	10	31	10	\$1 785 00
Electrical Work—William H. Brunkow doing business as Brunkow Electric Company, Champaign.....	10	25	0	630 00
Plumbing Work—Willis H. Thomas & Wren C. Thomas, a partnership doing business as Thomas Plumbing & Heating Co., Urbana.....	25	40	3	1 381 00
Ventilation and Distribution Systems for Conditioned Air—Cool-Rite Refriger- ation, W. L. Rogers, owner, Urbana...	25	30	10	790 00

Submitted herewith is a report from the Physical Plant Department, including a schedule of the bids received, a copy of which is filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard,

Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

CONTRACTS FOR REMODELING IN MUMFORD HALL AND AGRONOMY STOREHOUSE

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of cost-plus contracts and the assignment of \$114,100 from the General Reserve for remodeling in the basement and Room 310 of Mumford Hall and in the Agronomy Storehouse.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payment</i>
General Work — Dean Evans Co., Champaign.....	10	31	10	\$9 190 00
Electrical Work — Emric Electric, Inc., Champaign.....	13	22	5	2 940 00
Plumbing Work — Willis H. Thomas & Wren C. Thomas, a partnership doing business as Thomas Plumbing & Heating Co., Urbana.....	25	40	3	2 440 00
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems Work — Cool-Rite Refriger- ation, W. L. Rogers, owner, Urbana...	25	30	10	2 070 00

Submitted herewith is a report from the Physical Plant Department, including a schedule of the bids received, a copy of which is filed with the Secretary of the Board for record.

I concur.

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

CONTRACTS FOR REMODELING IN THE METALLURGY AND MINING BUILDING

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of cost-plus contracts for remodeling the fourth floor of the Metallurgy and Mining Building for the Charged Particle Research Laboratory of the Department of Electrical Engineering to the lowest bidders.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payment</i>
General Work — Dean Evans Co., Champaign.....	10	31	10	\$1 270 00
Electrical Work — William H. Brunkow doing business as Brunkow Electric Company, Champaign.....	10	25	0	1 045 00
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems Work — W. L. Rogers, William Goldstein, C. L. Rogers, and A. Rogers, a partnership doing business as Cool-Rite Refrigeration, Urbana....	25	30	10	1 435 00
Ventilation and Distribution Systems for Conditioned Air — Cool-Rite Refriger- ation, W. L. Rogers, owner, Urbana...	25	30	10	535 00

It is also recommended that a combined contract be awarded to Cool-Rite Refrigeration, Urbana, for heating, piping, refrigeration, and automatic temperature control systems work and for ventilation and distribution systems for conditioned air work, the lowest bidder on these two divisions of the work.

The estimated total cost is \$33,190. The Board has previously authorized an assignment of \$28,190 for this improvement, and additional funds are available in the Electrical Engineering Department budget.

Submitted herewith is a supporting report from the Physical Plant Department, including a schedule of the bids received, a copy of which is filed with the Secretary of the Board for record.

I concur.

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

CONTRACTS FOR CONSTRUCTION OF HOLDING AREA AND MILKING PARLOR AT SOUTH LINCOLN AVENUE DAIRY FARM

(23) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of cost-plus contracts for construction of a holding area and a milking parlor for the Department of Dairy Science at the South Lincoln Avenue Dairy Farm to the lowest bidders.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payment</i>
General Work—Dean Evans Co.				
Champaign.....	10	31	10	\$7 403 00
Electrical Work—William H. Brunkow doing business as Brunkow Electric Company, Champaign.....	10	25	0	745 00
Plumbing Work—David W. Reichard Plumbing & Heating Co., Inc., Urbana	15	49	10	4 095 00
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems Work—Cool-Rite Refriger- ation, W. L. Rogers, owner, Urbana...	25	30	10	1 630 00

An assignment of \$54,590 has previously been made by the Board for these improvements, and additional funds are available in the College of Agriculture budget.

Submitted herewith is a supporting report from the Physical Plant Department, including a schedule of the bids received, a copy of which is filed with the Secretary of the Board for record.

I concur.

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

CONTRACT FOR GAS SERVICE FOR THE MEDICAL CENTER DRUG AND HORTICULTURAL EXPERIMENT STATION

(24) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an agreement with the Northern Illinois Gas Company for gas service to the Drug and Horticultural Experiment Station at Lisle, Illinois. The estimated annual cost is approximately \$5,000.

Funds are available in the Physical Plant Department operating budget.

The College of Pharmacy and the Physical Plant Department have recommended changing the boilers at the Experiment Station from oil fired to gas fired, which change is now being made to improve equipment and insure satisfactory

schedules and maintenance costs. Gas is now available due to installation by Northern Illinois Gas Company of a high pressure gas transmission pipe line adjacent to the University's property.

I concur.

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

LEASE OF QUARTERS AT 705 SOUTH SIXTH STREET, CHAMPAIGN

(25) Space (Room 107) in a new business building at 705 South Sixth Street, Champaign (approximately 2,675 square feet), is available for lease at a rental rate of \$8,316 per year for a five-year period. This area can be used to consolidate some of the functions of the Office of Admissions and Records and enable that office to administer the new GI Bill from that space. It will also provide some space relief for other administrative offices.

The owner of the building is willing to remodel the space in accordance with the requirements of the Office of Admissions and Records and that cost of remodeling is included in the rental rate.

It is recommended that the University of Illinois Foundation be requested to lease Room 107 in the building at 705 South Sixth Street at the above annual rate for the five-year period and sublease it to the University on a biennial basis contingent upon approval by the Board of Trustees. It is also recommended that the Board authorize the subleasing of the space from the University of Illinois Foundation at the indicated rental rate and that the rental become effective September 1, 1966, or as soon thereafter as the remodeling has been completed and the office space is available for occupancy.

It is further recommended that \$9,430 be assigned from the University General Reserve to pay the rental (\$6,930) and for operation and maintenance (\$2,500) from September 1, 1966, through June 30, 1967. Funds required beyond 1967 will be included in the annual operating budget of the Physical Plant Department.

I concur.

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

REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR ELECTRICAL INSTALLATION WORK FOR THE UTILITIES CENTER ADDITION PHASE II, CHICAGO CIRCLE

(26) On June 2, 1966, the Illinois Building Authority received bids for the electrical installation work for the Utilities Center Addition, Phase II, at Chicago Circle. The lowest bidder is Divane Bros. Electric Co., Chicago, with a base bid of \$125,399. Four other bids were received:

Hayre Electric Company, Chicago.....	\$129 963 00
Tri-City Electric Company (Illinois), Chicago.....	147 720 00
C & H Electric Co., Chicago.....	158 254 00
G & M Electrical Contractors Co., Chicago.....	166 313 00

The lowest bidder is deemed fully qualified and has performed satisfactorily on University work in the past.

The project is a part of Phase II construction which the Board at its Executive Committee meeting on September 2, 1965, requested the Illinois Building Authority to provide. The Authority will finance the construction and lease the facilities to the University for rental payments appropriated by the Illinois General Assembly. The University will transfer jurisdiction of the land on which the project will be constructed to the Authority.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board request the Illinois Building Authority to award a con-

tract for the described work to the lowest bidder and proceed to procure this facility for the use of the University.

I concur and recommend the adoption of the following resolution.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that Illinois Building Authority be, and it hereby is, requested to award to Divane Bros. Electric Co., Chicago, Illinois, a contract for the electrical installation work for the construction of the Utilities Center Addition at the Chicago Circle, Phase II, for the fixed price of \$125,399.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

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

ADDITION TO CONTRACT FOR CONSTRUCTION OF FLORIDA AVENUE RESIDENCE HALLS

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$44,939.80 in the contract with Kuhne-Simmons Co., Inc., Champaign, for construction of the Florida Avenue Residence Halls to provide additional site development work, including bicycle parking, a hard surface activity-exercise area, and an extension of the south lane of College Court between Virginia and Maryland Drives for improved traffic flow.

Funds are available in the construction budget for this work.

I concur.

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

ADDITION TO CONTRACT FOR CONSTRUCTION OF EAST CHEMISTRY BUILDING ADDITION

(28) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$26,348.14 in the contract with Kuhne-Simmons Co., Inc., Champaign, for construction of the East Chemistry Building Addition to provide additional cooling capacity in the Nuclear Magnetic Resonance Laboratory on the first floor. The additional capacity is required to handle research equipment added since the original planning for this laboratory. The work will include piping to the roof, a new cooling tower, and additional ventilating equipment.

Funds are available in the construction budget for this work.

I concur.

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

ARCHITECTURAL CONSULTING SERVICES

(29) The Director of the Physical Plant and the Vice-President and Comptroller recommend continuation of the employment of Richardson, Severns, Scheeler & Associates, Inc., Champaign, until June 30, 1967, for consulting services on campus

planning at Urbana-Champaign and at the Medical Center on the basis of itemized actual costs of technical personnel, including partners when so engaged on University work, and an allowance of 150 per cent of said costs for overhead and fees. The services will be on the following assignments as authorized by the Physical Plant Department:

Urbana-Champaign

Continuation of studies on the general campus development plan
 Studies of peripheral areas to coordinate campus development with studies developed by other agencies
 Site selection studies for new building projects
 Consultation on architectural design for new building projects
 Participation in weekly planning meeting
 Estimated cost of these services.....\$45 000 00

Medical Center

Continuation of the studies on the campus development plan
 Further development of detailed programs and studies for various colleges and departments
 Continued studies on projects financed from other than state funds
 Estimated cost of these services..... 15 000 00

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

I concur.

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

GRANT FROM THE A. MONTGOMERY WARD FOUNDATION

(30) The Trustees of The A. Montgomery Ward Foundation have authorized a grant to the University of Illinois in the amount of \$160,000 to assist in financing the Chicago Circle Center located on the Chicago Circle Campus of the University.

The Vice-President and Comptroller is pleased to report this most generous grant and recommends its acceptance.

I concur and recommend adoption of the following:

Resolution Accepting Grant of The A. Montgomery Ward Foundation

Resolved, that the grant to the University of Illinois by The A. Montgomery Ward Foundation in the amount of \$160,000.00, to assist in financing the Chicago Circle Center located on the Chicago Circle campus of the University, be and it is hereby gratefully acknowledged and accepted.

Further Resolved, that the University of Illinois, pursuant to the conditions upon which such grant was authorized by the Trustees of The A. Montgomery Ward Foundation, agrees to permanently designate the student lounge in the Chicago Circle Center as "The A. Montgomery Ward Lounge" and to permanently designate the art gallery in the Chicago Circle Center as "The A. Montgomery Ward Art Gallery" as memorials to A. Montgomery Ward and in recognition thereof shall cause to be installed in the student lounge and in the art gallery bronze dedicatory plaques of such design and with such inscription as may be approved by the Trustees of The A. Montgomery Ward Foundation, to indicate that the grant of The A. Montgomery Ward Foundation was given as a memorial to A. Montgomery Ward.

Further Resolved, that the Secretary of this Board of Trustees is hereby directed to transmit to The A. Montgomery Ward Foundation a certified copy of this resolution accepting the grant of The A. Montgomery Ward Foundation.

On motion of Mr. Jones, this resolution was unanimously adopted.

**RULES FOR AUTHORIZATION OF SALARY
 WITHHOLDING FOR INSURANCE**

(31) To provide for orderly and equitable handling of various insurance plans for University personnel, the Vice-President and Comptroller recommends establishing the following rules authorizing salary withholding:

An employee may authorize the withholding of a portion of his salary or wages for the payment of insurance premiums on any type of insurance authorized to be

issued by the laws of this State; provided that the majority for which such insurance is issued is composed of State employees.

1. One deduction will be made for payment of premiums on each type of insurance (Life Insurance, Hospital-Medical-Surgical Insurance, and Accident Insurance).
2. The employee must file a written authorization with the University for payroll deductions on forms prescribed by the University.
3. Each insurance company must file with the University copies of the policy, all advertising material and scripts, the application form and schedule of premiums for all participants, together with all modifications or amendments, thereof, from time to time.
4. Except for contracts made with the Board of Trustees, the insurance company must not state nor imply, either directly or through its advertising or solicitation materials, that the University sponsors or approves of the company or the plan in any manner.
5. Upon receipt of evidence of approval by the State of Illinois Department of Insurance of the form and content of the contract, a designation of a code number will be assigned to the insurance company's approved policy. Deductions will be authorized for only the approved policy.
6. The insurance company shall not solicit or conduct any business in University buildings or on University premises and will only contact the designated payroll officer in the conduct of the company's business with the University.
7. Deductions will not be made for any insurance policy which has fewer than twenty-five active participants on the University payrolls.
8. Each employee may be required to relinquish his right to participate in the University Group Insurance Contract providing the same type of insurance.
9. Failure to comply with any of these rules may result in the suspension of payroll deductions for the policy involved for a period not to exceed one year.
10. The insurance company must submit evidence at the time of initial filing and whenever requested thereafter that the majority of the policyholders under the approved policy are State employees.
11. The signed authorization cards must be submitted to the appropriate Payroll Office of the University of Illinois not later than thirty calendar days before the first of the month that the deduction is to become effective.

I concur.

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

AUTHORIZATION OF EXECUTIVE COMMITTEE TO ACT ON REAL ESTATE MATTERS

(32) The University is in the process of negotiating for the acquisition of various parcels of real estate needed for educational purposes. The Director of the Physical Plant and the Vice-President and Comptroller state that the necessity for action on some property acquisitions may become urgent and not capable of postponement to the next regular meeting of the Board in September.

They recommend that, pursuant to Article IV, Section 3, of the By-Laws, the Board of Trustees authorize the Executive Committee of the Board to take action at any time prior to the next regular meeting of the Board of Trustees on matters relating to the lease, sale, purchase, or other acquisition by or for the University of real estate in Champaign, Urbana, or Chicago, Illinois, including authority to exercise the right of eminent domain and to institute condemnation proceedings, and including authority to request action by the Illinois Building Authority pursuant to its lease dated March 20, 1965, with the University.

I concur.

On motion of Mr. Hughes, the Executive Committee was authorized to act for the Board on the matters of business as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

PURCHASES

(33) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller; also a list of purchases authorized by the President's Office.

The list of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds

Purchases Recommended.....\$1 156 061 87

From Institutional Funds

Purchases Authorized.....50 460 41

Purchases Recommended.....575 573 05

\$ 626 033 46

Grand Total.....\$1 782 095 33

A complete list of the purchases authorized and purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is filed with the Secretary of the Board for record.

On motion of Mr. Johnston, the purchases authorized by the President were approved, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(34) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary of the Board.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(35) The Comptroller's report of contracts executed during the period June 1 to 30, 1966.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
American Oil Company	Effect of non-phototoxic oils as additives to herbicide solutions	\$ 1 000 00
Flossmoor Park District	Appraisal of park and recreation areas, facilities, and services in Flossmoor	2 000 00
Geigy Agricultural Chemicals	Geigy insecticides on Illinois field, forage, and vegetable crops	1 000 00
Illinois Archeological Survey	Preliminary site examination at Cahokia	21 868 00
Indiana State Library	Library statistics and state agencies	3 106 00
Metropolitan Planning Department, Marion County, Indiana	Design potential study of the core area of Indianapolis	8 700 00
State of Illinois Cities and Villages Municipal Problems Commission	Analysis of problems concerning municipal revenues, tax levies, and expenditure of motor fuel tax funds	10 000 00
Superintendent of Public Instruction	Education of gifted children	9 881 00
Stauffer Chemical Company	Stauffer insecticides on Illinois field crops	500 00
Union Carbide Corporation	Control of insect pest with Union Carbide insecticides	750 00
United States Air Force		
AF-AFOSR-931-66	Research in system theory	51 600 00
AF-AFOSR-1147-66	Gas laser studies in 100 to 1000 micron range	43 163 00
AF-AFOSR-1161-66	Social and psychological aspects of stress	30 966 00
United States Army	Atmospheric electricity and cloud modification	48 800 00
DA 28-043 AMC-02376(E)		
United States Atomic Energy Commission		
AT (11-1)-1601	Mobilization of radioactive emitters from bone	52 239 00
AT (11-1)-1628	Immunologic recognition and immunologic memory	22 208 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Department of Agriculture 12-14-100-8319(71)	Mechanism of homogeneous catalysis by organo-metallic complexes for the selective hydrogenation and isomerization of soybean oil	\$ 97 282 00
United States Department of Commerce CPR-11-4204	Optimum values of the significant parameters that govern the fatigue behavior of thin-web girders	60 000 00
United States Department of Health, Education, and Welfare III 4-2103	Construction of a new Architecture and Art Laboratories building for the Chicago Circle Campus	250 000 00
III 4-2104	Construction of a new Science and Engineering Staff Office Building at the Chicago Circle Campus	1 000 000 00
III 4-2107	Construction of two new general classroom buildings for the Chicago Circle Campus	118 285 00
III 6-0574	Foreign language, English, and campus-wide general use at Chicago Circle	64 703 00
III 7-0098	Campus-wide CCTV at Chicago	14 566 00
OEC 3-6-000063-0968	Russian Language and Area Center	67 108 00
OEC 3-6-000066-1195	Language and Area Center for Latin America	37 000 00
OEC 3-6-058375-0612	Associated norms for use in verbal learning experimentation	8 988 00
OEG 3-6-061538-0950	Summer institute for teachers of ornamental horticulture	36 509 00
OEG 3-061928-1558	The blind learning aptitude test	26 556 00
OEG 3-6-062063-1559	Education of behaviorally disordered children in the public school setting	82 230 00
OE-6-12-003	NDEA institute for advanced study in counseling and guidance	283 597 00
OE-6-42-020	NDEA institute for advanced study for teachers of disadvantaged youth	81 123 00
OE-6-44-030	NDEA institute for advanced study in history	74 401 00
OE-6-46-029	NDEA institute for advanced study in English (to October 31, 1966)	70 829 00
OE-6-46-030	NDEA institute for advanced study in English (to April 7, 1967)	81 564 00
PH 108-66-107	Center for continuing education	234 113 00
United States Navy NObs-94232	Determine effects of internal, weld defects on fatigue behavior on HY-130/150 steel	62 500 00
N00014-66-C0010-A04	Radio frequency spectroscopy	30 000 00
N0022866C0311	Nuclear radiation shielding by ribbed slabs	30 000 00
United States Office of Water Resources Research 14-01-0001-907	Water Resources Center	87 500 00
14-01-0001-1012	Hydraulic geometry of Illinois streams	39 975 00
14-01-0001-1013	Probabilistic analysis of wastewater treatment and disposal system	9 500 00
14-01-0001-1014	Intergovernmental relationships in the administration of water resources	24 800 00
14-01-0001-1015	Statistical porous media hydrodynamics	8 870 00
<i>Total</i>		<u>\$3 289 780 00</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Brunkow Electric Company	Cost-plus contract — electrical work Engineering Hall, Electrical Engineering Research Laboratory	\$ 13 900 00

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Byron Larson	901 West California Avenue and 902 W. Illinois Street (June 16, 1966, to June 15, 1967)	\$ 3 150 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
National Boulevard Bank of Chicago	841 E. Sixty-third Street, Chicago (June 1, 1966, to June 30, 1967)	\$ 2 600 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Continental Savings and Loan Association	1642 West Forty-seventh Street, Chicago (July 1, 1966, to June 30, 1967)	\$ 3 000 00
<i>Total</i>		\$ 5 600 00

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Agricultural Chemicals Division, Shell Chemical Corporation	Insect control evaluations	\$ 2 500 00
American Iron and Steel Institute	Fracture toughness of high strength structural steels	25 000 00
	Corrosion control of structural steels with anodic inhibition	12 500 00
Chevron Chemical Company	Effect of Diquat and Paraquat on rooted emergent and marginal aquatic plants	2 500 00
Hoffman-LaRoche, Inc.	Effect of sulfonamides on the nutrition of the non-ruminant	4 000 00
Illinois Department of Conservation	Wildlife research studies	108 670 00
National Aeronautics and Space Administration		
NSG-228	Radiation effects in semiconductors	40 000 00
NSG-376	Underlying processes and techniques of low pressure measurement	108 419 00
National Lime Association	Earth roads	25 039 00
Research Council on Riveted and Bolted Structural Joints of the Engineering Foundation	Behavior of riveted and bolted structural joints	18 000 00
United States Army		
DA-31-124-ARO-D-288	Exploratory research in mathematics	51 861 00
DA-49-193-MD-2410	Transmission of upper respiratory infections to volunteers under controlled conditions	30 000 00
OCD-PS-65-109	Courses in Civil Defense	76 486 00
United States Atomic Energy Commission		
AT(11-1)-890	Mechanism of radiation-induced addition of tritium to carbon-carbon double bonds	16 000 00
AT(11-1)-891	Chemical reactions of energetic atoms produced by nuclear recoil or by heterogeneous flash photolysis	8 939 00
AT(11-1)-903	Genetics/isotopic studies using the microbial degradation of terpenoid compounds	10 000 00
AT(11-1)-1195	Elementary particle interactions in the high energy regions	85 000 00
AT(11-1)-1282	Radioisotopic studies of reticuloendothelial phagocytosis in relation to normal and neoplastic growth and to immune phenomena	13 000 00
AT(11-1)-1484	Endocrine metabolism in domestic animals	13 500 00
AT(11-1)-1502	Photosynthetic processes in cells and model systems	49 000 00
United States Navy	Welding procedures including preheating and stress relieving	15 000 00
NBY-24976		
<i>Total</i>		\$715 414 00

Contract Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
R. H. Bishop Company	Cost-plus contract — Library, Gregory Hall	\$ 3 483 00
Downtown Electric	Cost-plus contract — Highway Materials Research Laboratory	4 350 00
Dean Evans Company	Cost-plus contract — Service Building, Observatory Addition, Stadium Terrace area, Woodshop and Foundry Laboratory	39 070 00
Fries Walters Company	Cost-plus contract — Illinois Eye and Ear Infirmary, East Dentistry-Medicine-Pharmacy Building	7 794 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
H. S. Kaiser Company	Cost-plus contract — ventilating work	East Dentistry-Medicine-Pharmacy Building
Gerhardt F. Meyne Company	Cost-plus contract — general work (four items, \$3,839 to \$12,747)	East Dentistry-Medicine-Pharmacy Building, Illinois Eye and Ear Infirmary
Nu-Way Contracting Corporation	Cost-plus contract — heating work (two items, \$2,719 and \$4,994)	Illinois Eye and Ear Infirmary, East Dentistry-Medicine-Pharmacy Building
O'Callaghan Bros., Inc.	Cost-plus contract — plumbing work	East Dentistry-Medicine-Pharmacy Building
Reliable Plumbing and Heating Company	Cost-plus contract — heating and ventilating (four items, \$6,560 to \$8,000)	Mumford Hall, Central Food Service, Noyes Laboratory, Observatory Addition
Total		\$128 270 00

Summary

Amount to be paid to the University.....	\$4 008 344 00
Amount to be paid by the University.....	147 770 00

This report was received for record.

INVESTMENT REPORT

Report of the Finance Committee

(36) The Finance Committee reported the following changes in investments of endowment funds for the month of May, 1966:

Miller

Sale

\$1 000 General Electric Credit Corporation demand note.....	\$ 1 000 00
43 shares Commonwealth Edison Company common stock.....	2 144 73

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of May, 1966:

Current Funds

FORD FOUNDATION GENERAL ENGINEERING

Purchase

\$15 000 U.S. Treasury bills due 10/6/66.....	\$ 14 746 88
5 000 U.S. Treasury bills due 4/30/67.....	4 782 14
25 000 U.S. Treasury 4 $\frac{7}{8}$ per cent notes due 8/15/67.....	25 007 81
25 000 U.S. Treasury 4 $\frac{7}{8}$ per cent notes due 11/15/67.....	25 000 00
25 000 U.S. Treasury 3 $\frac{3}{4}$ per cent bonds due 8/15/68.....	24 343 75
22 500 U.S. Treasury 4 per cent bonds due 2/15/69.....	21 965 63

RESTRICTED GROUP

Sale

\$1 000 000 Montgomery Ward Credit notes due 6/1/66.....	996 885 42
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Purchases

\$1 000 000 Commercial Credit notes due 6/15/66.....	996 565 97
1 000 000 Ford Motor Credit notes due 6/28/66.....	995 072 91
1 000 000 General Motors Acceptance Corporation notes due 6/28/66	995 072 91

Construction Funds

CHICAGO CIRCLE UNION (Chicago Circle)

Sale

\$50 000 U.S. Treasury bills due 5/12/66.....	49 936 39
24 000 U.S. Treasury bills due 6/9/66.....	23 897 88

FLORIDA AVENUE RESIDENCE HALLS

Purchase

\$293 000 U.S. Treasury bills due 6/16/66.....	292 244 55
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GRADUATE HOUSING**Purchase**

\$107 000 U.S. Treasury bills due 7/14/66..... \$106 353 72

ILLINOIS STREET RESIDENCE HALLS**Sale**

\$8 000 U.S. Treasury bills due 6/23/66..... 7 961 66

MEDICAL CENTER UNION AND RESIDENCE HALL (Medical Center)**Sale**

\$38 000 U.S. Treasury bills due 5/19/66..... 37 927 17

Purchase

\$499 000 U.S. Treasury bills due 9/22/66..... 491 395 93

ORCHARD DOWNS ADDITION**Sale**

\$30 000 U.S. Treasury bills due 6/23/66..... 29 890 77

This report was received for record.

**CONTRACT FOR ELECTRICAL ALTERATIONS
IN THE FORMER STEIN BUILDING**

(37) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$106,660 to Divane Bros. Electric Co., Chicago, the lowest bidder, for installation of lighting fixtures and receptacles in the former Stein Building at 1143 West Congress Parkway (to be designated as the Racine Avenue Building) at Chicago Circle, subject to completion of the transfer of title.

The work will include installation of lighting fixtures furnished by the University and the installation of receptacles and cabling in order to bring the lighting levels in this building to a satisfactory range for office and classroom use.

Funds are available from an appropriation from the General Reserve approved by the Board of Trustees on April 20, 1966.

I concur.

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

**CONTRACTS FOR ALTERATIONS IN THE FORMER
CENTRAL NATIONAL BANK BUILDING**

(38) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for alterations in the former Central National Bank Building (to be designated as the Roosevelt Road Building) for the Department of Physical Education at Chicago Circle, the award in each case being to the lowest bidder.

General — Mutual Contracting Company, Chicago.....\$32 728 00

Plumbing — Peter H. Smith Company, Chicago..... 19 287 00

Heating — Ashland Plumbing & Heating Company, Chicago..... 938 00

Ventilating — H. S. Kaiser Company, Chicago..... 4 900 00

Electrical — Midwest Interstate Electrical Construction Co., Chicago... 28 863 00

Total\$86 716 00

The contracts provide for installation of locker and shower facilities, a basketball court, gymnastic area, and equipment storage, and the required lighting, plumbing, heating, and ventilation installations.

Funds are available from the University General Reserve and from the Athletic Activity Fund.

Submitted herewith is a report from the Physical Plant Department, including a schedule of all bids received, a copy of which is filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr.

Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

**CHANGE IN CONTRACT FOR CONSTRUCTION OF KRANNERT CENTER
FOR THE PERFORMING ARTS**

(39) The Director of the Physical Plant and the Vice-President and Comptroller recommend a deduction of \$364,200 in the contract with Turner Construction Company, Chicago, for construction of Phase I of the Krannert Center for the Performing Arts. The change provides for the substitution of caisson type footings for spread concrete footings, a related change in the existing concrete sump pits, and a revision in the installation of electric metallic tubing in the concrete slabs and walls.

These changes are all savings which can be made in the construction without affecting structural conditions.

I concur.

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

**REPORTS AND RECOMMENDATIONS FROM THE
PRESIDENT OF THE BOARD**

FUTURE BOARD MEETINGS

President Clement called attention to the schedule of the meetings of the Board of Trustees during the remainder of the calendar year: September 21, Urbana; October 13, Chicago; November 10, Urbana; and December 8, place to be determined by the President of the Board.

**RESOLUTIONS FROM THE STUDENT SENATE AT URBANA AND THE
STUDENT GOVERNMENT AT CHICAGO CIRCLE**

Members of the Board of Trustees have received a communication and resolution from the Student Senate at Urbana, transmitted through the Secretary of the Board, relating to the Clabaugh Act. At today's meeting the President of the Student Senate at Urbana delivered to the Secretary a resolution from the Student Government of the Chicago Circle on the same subject, and requested that it also be brought to the Board's attention.

With the concurrence of the Trustees, President Clement referred both resolutions to the Committee on General Policy for consideration along with other communications on the same subject previously received. Copies of the two resolutions were also filed with the Secretary of the Board.

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee submitted the following report and minutes of its meeting on July 8, 1966.

On call of the Chairman, a meeting of the Executive Committee of The Board of Trustees of the University of Illinois was held in the Illini Center, La Salle Hotel, Chicago, Illinois, on Friday, July 8, 1966, beginning at 11:00 a.m.

The following, constituting all members of the Committee, were present: Mr. Howard W. Clement, Chairman, Mr. Wayne A. Johnston, and Mrs. Frances B. Watkins; and another member of the Board of Trustees, Mr. Kenney E. Williamson.

Also present were: Executive Vice-President and Provost Lyle H. Lanier; Vice-President and Comptroller H. O. Farber; Vice-President Joseph S. Begando, Medical Center; Mr. Charles S. Havens, Director of the Physical Plant; Mr. V. L. Kretschmer, Associate Director of the Physical Plant; Mr. James J. Costello,

Legal Counsel; Mr. Grover E. Shipton, Associate Director of Public Information, Chicago Circle; Mr. James C. Colvin, Executive Director of the University of Illinois Foundation; and Mr. A. J. Janata, Secretary of the Board of Trustees.

The Committee considered the following recommendations presented on behalf of the President of the University by the Executive Vice-President and Provost and other University officials.

**CONTRACTS FOR CONSTRUCTION OF PHASE I OF THE
KRANNERT CENTER FOR THE PERFORMING ARTS**

(1) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for the construction of Phase I of the Krannert Center for the Performing Arts, the award in each case being to the lowest bidder.

General—Turner Construction Company, Chicago, Illinois.....	\$2 796 000 00
Plumbing—Healy Plumbing and Heating Company, St. Paul, Minnesota.....	256 500 00
Electrical—G. L. Wilsky, an individual doing business as Down- town Electric, Urbana, Illinois.....	40 325 00

It is further recommended that the contracts for the plumbing and electrical work be assigned to the contractor for the general work making the total of his contract \$3,100,325; and it is further recommended that agreement be entered into with the Turner Construction Company for the assignment of the electrical and the plumbing contracts for \$7,500, which amount is included in the contract price being the amount bid by that Company for service charge for supervision of other contracts by the general contractor.

Funds for this project are available in the amount of \$2,400,000 in the state capital appropriations for 1965-67, subject to release by the Governor, and the balance of \$700,325 to be provided by the University of Illinois Foundation.

A report from the Physical Plant Department, including a schedule of bids received, is submitted herewith and a copy is filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

**UNIVERSITY OF ILLINOIS FOUNDATION PARTICIPATION
IN KRANNERT CENTER FOR THE PERFORMING ARTS**

(2) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University of Illinois Foundation be requested to assist and participate in the financing and construction of Phases I and II of the Krannert Center for the Performing Arts at the Urbana-Champaign Campus by providing funds for the construction of Phase I to the extent that the construction cost thereof exceeds \$2,400,000 and by arranging for the construction of Phase II in accordance with plans and specifications prepared by Harrison and Abramovitz dated April 5, 1966, and identified as "Krannert Center for the Performing Arts, University of Illinois, Urbana, Illinois, Specifications for Entire Construction—Phase II." It is further recommended that the Foundation be requested to borrow funds for such purposes.

Authority is also requested to lease the site for the Center to the Foundation for a period of thirty years and to take a lease of the property back to the University for biennial periods at a rental of \$144,500 for the quarter ending September 30, 1966, and \$184,500 for each quarter thereafter with the option to renew through June 30, 1976, said lease back to provide an option in the University to purchase the improvements thereon at a price equal to the then outstanding principal and accrued interest on the obligation incurred by the Foundation to finance the project.

Additionally, authority is requested to assign to the Foundation the following contracts previously authorized by the Board of Trustees upon the Foundation's undertaking to reimburse the University for all payments made thereunder to date and for other expenses incurred by the University on this project:

Harrison and Abramovitz, New York, for complete architectural services
McKee-Berger-Mansueto, Chicago and New York, for professional estimating services

I concur and recommend adoption of the following resolution.

Resolution

Krannert Center for the Performing Arts

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

(1) to sign, execute and deliver an agreement with and to University of Illinois Foundation, a not for profit corporation of the State of Illinois, hereinafter referred to as "Foundation", which agreement shall provide that this public corporation will lease certain hereinafter described property owned by it in Urbana, Illinois to Foundation; that Foundation will borrow money for the purpose of constructing, and will construct, on said property buildings and facilities for use as a Krannert Center for the Performing Arts; that this corporation will enter into contracts providing for the construction of Phase I of the Krannert Center for the Performing Arts and will utilize funds available to this corporation to the extent of Two Million Four Hundred Thousand Dollars (\$2,400,000.00) to pay for such construction, that Foundation will make available to this corporation funds sufficient to pay the balance of the cost of construction of Phase I of the Krannert Center for the Performing Arts; that Foundation will enter into contracts for and pay the cost of constructing Phase II of the Krannert Center for the Performing Arts pursuant to the plans and specifications therefor as now on file in the office of the University Architect of this public corporation; that Foundation will sublease said premises, including the buildings and facilities to be constructed thereon, to this public corporation at a rental and upon the terms and conditions hereinafter set forth; and that upon completion of the repayment of said indebtedness title to said property, including all improvements and facilities thereon, shall be vested in this public corporation;

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

A tract of land bounded on the North by Illinois Street; on the East by Gregory Place; on the South by Oregon Street; and on the West by Goodwin Avenue; in the City of Urbana, in the County of Champaign, and State of Illinois;

for a term of thirty years commencing on the first day of August A.D. 1966 and extending to and including the 31st day of July A.D. 1996, or until the indebtedness incurred by Foundation in connection with the construction and equipping of said buildings and facilities has been paid and liquidated, whichever shall first occur; in consideration of Foundation's constructing thereon buildings and facilities for use as a Krannert Center for the Performing Arts pursuant to plans and specifications therefor as now on file in the office of the University Architect of this public corporation and for which bids have been received, and in consideration of Foundation's reimbursing this public corporation for architectural, engineering and estimating fees incurred in connection with said construction and the plans and specifications therefor, and in consideration of Foundation's subleasing said premises and the buildings and facilities to be constructed thereon to this public corporation upon the terms and conditions hereinafter set forth; and providing further than in the event this public corporation should become in default under the terms of said sublease or fail to exercise any option for renewal of the term of said sublease under the terms and conditions therein set forth that thereupon Foundation shall have the full and unrestricted right to the use and possession of said premises and the buildings and facilities thereon for the remainder of the original term of said lease and the right to assign said lease or sublet said premises with the buildings and facilities thereon to others for the remainder of the original thirty year term of said lease;

(3) to enter into a sublease agreement with Foundation providing for the subleasing by Foundation to this public corporation of said premises including the buildings and facilities to be constructed thereon, under which sublease this public corporation will agree to pay a Basic Rental payable in quarter annual installments in the amount of Sixty-Four Thousand Five Hundred Dollars (\$64,500.00); and an Additional Rental payable quarter annually in an amount sufficient to enable the Foundation to pay all costs and expense incurred by Foundation in connection with the operation and maintenance of the Krannert Center for the Performing Arts plus a sum equivalent to all current interest installment payments becoming due and

required to be paid by Foundation during the term of said sublease on Foundation's indebtedness incurred in connection with the construction of said buildings and facilities and which interest installment payments on said loan it is contemplated will be payable in forty quarterly installments due and payable on or before the last day of September, December, March and June in each year, but upon which Additional Rental University shall have the right to take credit for interest earned by Foundation on construction funds during the construction period (provided that the cumulative total of such credits shall not exceed the total of such interest), and a Deficiency Rental equal to any shortages in scheduled Krannert gifts, payable in eight quarterly installments beginning with the first quarter of the biennium subsequent to the term or any renewal term of the sublease in which such deficiency in Krannert gifts occurred; said sublease to run from the date of the closing of Foundation's permanent loan secured for the financing of said improvements and extend to June 30 of the first subsequent odd-numbered year thereafter; and which sublease shall contain options giving to this public corporation the right to renew said sublease for successive two year periods from July 1 of each odd-numbered year to June 30 of the next succeeding odd-numbered year by giving written notice to Foundation between the first and fifteenth day of July in each year when such renewal is to be made, to and including June 30, 1976, or until said sublease is finally terminated by the payment, and liquidation of the above mentioned indebtedness, whichever shall first occur; and which sublease shall provide that this corporation subject to the availability of funds which may lawfully be applied to the payment of such rental will exercise said options for renewal for such biennial periods;

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

(5) to commit this corporation to hold all monies, instruments, accounts, securities or other property, and the income from investments thereof, which it now has or may hereafter receive or become entitled to from any person or entity for the use of the Krannert Center for the Performing Arts for and devoted to such purpose; and

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

The Secretary of the Board and Clerk of the Committee reported that a majority of the members of the Board have individually, in writing, authorized the Executive Committee to act for the Board in this matter.

On motion of Mrs. Watkins, the recommendations were approved, authorization was given as requested, and the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

CONTRACTS FOR EXTENSION OF STEAM SERVICE TO COORDINATED SCIENCE LABORATORY

(3) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for extension of steam service to the Coordinated Science Laboratory, the award in each case being to the lowest bidder.

Division AA, Underground Piping and Thermal Insulation Work—

M. J. Holleran, Inc., Chicago, Illinois..... \$21 902 00

Division BB, Extension of Underground Steam Tunnel—JDP Associates, Inc., Terre Haute, Indiana..... 29 500 00

Funds are available in state capital appropriations to the University for 1965-67 and have been released.

A report from the Physical Plant Department, including a schedule of bids received, is submitted herewith, and a copy is filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

**CONTRACT FOR STREET LIGHTING IMPROVEMENTS
ON GREGORY DRIVE**

(4) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$33,115.43 to the Champaign Asphalt Company, Champaign, Illinois, the lowest bidder, for street lighting improvements on Gregory Drive from Fourth Street to Allen Hall.

Funds are available in state capital appropriations to the University for 1965-67 and have been released.

I concur.

On motion of Mr. Johnston, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

**CONTRACTS FOR CONSTRUCTION OF EMERGENCY EXITS
IN ILLINI UNION BUILDING**

(5) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of cost-plus contracts for the construction of emergency exits in the Ballroom of the Illini Union to the following lowest bidders.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payment</i>
General Work—Dean Evans Co., Champaign.....	10	31	10	\$4 930 00
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems Work—Cool-Rite Refrigeration, Urbana.....	25	30	10	1 275 00

The estimated cost of the work, including contractors' fees is \$40,000.

Funds are available in Illini Union Reserves.

Submitted herewith is a report from the Physical Plant Department, including schedules of bids received, a copy of which is filed with the Secretary of the Board for record.

I concur.

On motion Mr. Johnston, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

ADDITIONAL FACILITIES FOR COLLEGE OF VETERINARY MEDICINE

(6) Funds for construction of a Small Animal Clinic and Hospital were included in the 1963-65 capital budget and it was assumed that this project would be completed in the fall of 1965. The bids on this project were recently rejected because they exceeded the funds available by approximately \$850,000. The deficiency is being included in the building program and request for state capital appropriations for 1967-69, and, if approved, construction should start in the summer of 1967 with completion in 1969.

When the funds for this project were included in the 1963-65 capital program, the College accepted larger enrollments in 1964 in anticipation of the increased facilities being available this fall. As a result of the delays in construction, there will be serious problems in accommodating classes in Clinical Medicine. The College staff has studied the alternatives and has concluded that its problems can be alleviated to a certain extent by minor remodeling which would include the addition of a temporary 34 feet by 30 feet concrete unit at the Veterinary Research Farm and the construction of twelve supplementary box stalls for large animals. The total project would consist of 3,468 square feet and the estimated cost is \$67,260. This addition would satisfy the College's minimal teaching demands in the large animal clinical area until Phase II of the Clinics and Hospital can be completed.

The only way this project can be completed within the above time limits is to

have the work performed by the Physical Plant Department's Operation Maintenance Division, and it is, therefore, recommended that the work be done by the University.

A special appropriation of \$67,260 from the General Reserve is required.
I concur.

On motion of Mrs. Watkins, this recommendation was approved and the requested assignment of funds was made by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

ACQUISITION OF PROPERTY AT 1111 WEST OREGON STREET, URBANA

(7) The Board of Trustees authorized the acquisition of the property at 1111 West Oregon Street, Urbana, by eminent domain and condemnation proceedings and further authorized the settlement of the condemnation suit if such settlement can be effected at a price that is within appraisals received by the University. After condemnation proceedings were instituted, the defendants agreed to settle for a price of \$62,000, which is within appraisals received by the University.

A Judgment Order of the Circuit Court was entered which provides for the vesting of title to the property in The Board of Trustees of the University of Illinois upon payment of the Court's award of \$62,000 as being a fair consideration for the property.

It is recommended that the Board of Trustees now convey title to the property to the University of Illinois Foundation and that the following resolution be adopted to implement this transfer.

Resolution Regarding Ostema Property Located at 1111 West Oregon Street, Urbana, Illinois

WHEREAS the Judgment Order of the Circuit Court of the Sixth Judicial District, Champaign County, Illinois, entered in, the condemnation case entitled "The Board of Trustees of the University of Illinois, a public corporation, Petitioner, vs. Lawrence William Ostema and Dorothy E. Ostema, et al., Defendants" No. 65-L-604, under date of June 30, 1966, provides that upon payment to the County Treasurer of Champaign County, Illinois, of the amount of the award in the sum of Sixty-two Thousand Dollars (\$62,000.00) title to the Ostema Property hereinafter described shall vest in this public corporation; and

WHEREAS this public corporation desires that the University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, pay the amount of said award in accordance with the terms of the Judgment Order and, upon title to said Ostema Property being conveyed by this public corporation to University of Illinois Foundation, to lease said Ostema Property to this public corporation and under the terms of which lease this public corporation shall be granted an option to purchase said Ostema Property.

Now, Therefore, Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that upon payment of said award in accordance with the terms of said Judgment Order by the University of Illinois Foundation, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized and directed, to execute, acknowledge, and deliver, in the name, and in behalf of, this public corporation and under its Corporate Seal, a Warranty Deed, and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to University of Illinois Foundation title to the property hereinabove referred to as Ostema Property and described as follows, viz:

Lot Twenty-two (22) in University Addition to the City of Urbana, situated in the City of Urbana, in the County of Champaign and State of Illinois.

The Secretary of the Board and Clerk of the Committee reported that a majority of the members of the Board have individually, in writing, authorized the Executive Committee to act for the Board in this matter.

On motion of Mrs. Watkins, the recommendation was approved, and the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

PARKING PROGRAM FOR MEDICAL CENTER CAMPUS

(8) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University of Illinois Foundation be requested to assist and participate in the expansion of parking facilities at the Medical Center Campus. Bids for Phase I of the Parking Program at the Medical Center Campus totalling \$205,093 have been received and are for the construction of three new parking lots to be designated as Lots E-West, F-1 South, and G-3. The bid documents permit the bids to be assigned to the Foundation.

It is recommended that the bids for Phase I be assigned to the Foundation and that the Foundation be requested to borrow funds and construct the facilities. It is further recommended that Parking Lots designated as A-1, B-2, C-1, C-3, D-1, D-3, E-West, F-1 North, F-1 South, G-3, and N at the Medical Center Campus be leased to the Foundation for a period of thirty years and that the Foundation be requested to lease the lots back to the University at an annual rental of \$34,000, which will be paid from parking fees. The term of the initial lease back to the University will end June 30, 1967, and may be renewed by the University for biennial periods. When the rental paid equals the Foundation's indebtedness and interest, financing, and other costs, the lease and lease back will terminate.

Approval of the Illinois Board of Higher Education is required and has been requested.

I concur and recommend adoption of the following resolution.

Resolution

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

(1) to sign, execute, and deliver an agreement with and to University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, hereinafter referred to as "Foundation", which agreement shall provide that this public corporation will lease the hereinafter described property owned by it in Chicago, Illinois, to Foundation; that Foundation will borrow money for the purpose of constructing, and will construct, on said property, certain parking lot facilities; that Foundation will sublease said premises to this public corporation at an annual rental of \$34,000.00, which amount when paid for a period of ten (10) years will be sufficient to pay Foundation's indebtedness incurred in connection with the construction of said parking lot facilities and the interest and other expenses thereon; and that upon completion of the repayment of said indebtedness from said rentals Foundation shall release to this public corporation all rights, title and interest in and to said premises, and title to said property so improved shall be vested in this public corporation free of said lease and sublease;

(2) to enter into a lease with Foundation providing for the leasing by this public corporation to Foundation of the parking lots designated as A-1, B-2, C-1, C-3, D-1, D-3, E-West, F-1, G-3 and N at the Medical Center Campus, for a term of thirty (30) years commencing the 16th day of July, A.D. 1966 and extending to and including the 15th day of July, A.D. 1996, or until the indebtedness incurred by Foundation in connection with the construction of said parking lot facilities has been paid and liquidated, whichever shall first occur; in consideration of Foundation's constructing thereon parking lot facilities pursuant to and in accordance with plans and specifications therefor as now on file in the Office of the University Architect of this public corporation and for which bids have been received as hereinafter set forth, and of Foundation's subleasing said premises and facilities to this public corporation upon the terms and conditions hereinafter set forth; and providing further that in the event this public corporation should become in default under the terms of said sublease or fail to exercise any option for renewal of the term of said sublease under the terms and conditions therein set forth that thereupon Foundation shall have the full and unrestricted right to the use and possession of said premises and the facilities thereon for the remainder of the original term of said lease and the right to assign said lease or sublet said premises and facilities thereon to others for the remainder of the original 30-year term of said lease;

(3) to enter into a sublease agreement with Foundation providing for subleasing by Foundation to this public corporation of said premises including the facilities thereon, under which sublease this public corporation will agree to pay an annual

rental in the amount of \$34,000.00; said sublease to run from the date of the closing of Foundation's permanent loan secured for the financing of said improvements and to extend to June 30 of the first subsequent odd-numbered year thereafter; and which sublease shall contain options giving to this public corporation the right to renew said sublease for successive two-year periods from July 1 of each odd-numbered year to June 30 of the next succeeding odd-numbered year by giving written notice to Foundation between the first and fifteenth day of July in each year when such renewal is to be made, until said sublease is finally terminated by the payment and liquidation of the above-mentioned indebtedness;

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

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

Be It, and It Hereby Is, Further Resolved by the Executive Committee of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the bids received on June 30, 1966, for the construction of Parking Program East of Hermitage Street—Phase I, and all rights thereunder, including but not limited to, the right to contract with the bidder, a copy of a schedule of which bids has been filed with the Secretary of the Board of Trustees for record, be and they hereby are assigned to Foundation; and the Executive Committee recommends to The Board of Directors of University of Illinois Foundation that contracts for construction of Parking Program East of Hermitage Street—Phase I be awarded by Foundation as follows:

General—Bigane Oil Company, Chicago.....	\$135 780 00
Electrical—Midwest Interstate Electrical Construction Company, Chicago.....	57 663 00
Plumbing—J. P. Hopkin's Sewer Contractor, Chicago.....	11 650 00
<i>Total</i>	<u>\$205 093 00</u>

The Secretary of the Board and Clerk of the Committee reported that a majority of the members of the Board have individually, in writing, authorized the Executive Committee to act for the Board in this matter.

On motion of Mr. Johnston, the recommendation was approved, and the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

(Secretary's Note—Phase I will include these areas: the west half of the block bounded by Hermitage Avenue on the west, Taylor Street on the south, Paulina on the east, and Polk Street on the north, bisected by the Chicago Transit Authority Elevated Railroad; the south half of the block bounded by Paulina on the west, Taylor on the south, Marshfield Avenue on the east, and Polk Street on the north; the southwest one-quarter of the block bounded by Marshfield on the west, Taylor on the south, Ashland Avenue on the east, and Polk Street on the north.)

(Phase II, which is scheduled for construction next year, is the east half of the block bounded by Hermitage, Taylor, Paulina, and Polk, east of the elevated tracks.)

The business of the Executive Committee having been concluded, on motion of Mr. Johnston, the Committee adjourned.

The Executive Committee of
The Board of Trustees
of the University of Illinois

WAYNE A. JOHNSTON

FRANCES B. WATKINS

HOWARD W. CLEMENT, *Chairman*

A. J. JANATA

Secretary and Clerk

ELECTION OF THE SECRETARY OF THE BOARD

The Office of Secretary of the Board of Trustees will become vacant on September 1, 1966, due to the resignation from that post of Mr. A. J. Janata, in connection with his retirement from active University service. President Clement asked the pleasure of the Board regarding the election of a successor.

Mr. Dilliard nominated Mr. Earl W. Porter.

There being no other nominations, on motion of Mr. Williamson, the nominations were closed, and Mr. Porter was elected Secretary of the Board of Trustees, to serve from September 1, 1966, until the next annual meeting of the Board in March, 1967.

DELEGATION OF SIGNATURES

The Secretary presented the following report:

At each annual meeting the Board adopts a resolution authorizing the President and Secretary to delegate the signing of their names, as officers of the Board, to vouchers to be presented to the Auditor of Public Accounts and to warrants drawn on the Treasurer of the University, to certain designated administrative personnel.

Because of changes in personnel, including the Secretary of the Board, the resolution adopted by the Board at its annual meeting on March 16, 1966, should be amended and a new resolution is submitted herewith for adoption to become effective September 1, 1966.

In addition to the change in the office of Secretary, the names of Romaine C. Wicklund at Urbana-Champaign and of H. W. Bailey at Chicago Circle are added to, and the names of Earl W. Porter at Urbana-Champaign and of H. E. Temmer at Chicago Circle are deleted from, the list of personnel who are authorized to sign the name of the Secretary of the Board to vouchers and warrants. Mr. Wicklund is being appointed Staff Associate in the Board of Trustees Office and Assistant Secretary of the University. Mr. Temmer, who is Director of Admissions and Records at Chicago Circle, is leaving the University at the end of the current academic year, having accepted a position at Los Angeles State College in California.

On motion of Mr. Johnston, the following resolution was adopted without dissent.

Delegation of Signatures

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

The President of the Board of Trustees is authorized to delegate to

Lyle M. Dahlenburg, C. O. Parvin, E. M. Snyder, in Urbana;
James E. Osborn, David W. Bonham, Walter E. Cowart, R. E. Porter, H. O. Albers, A. W. Catrambone, in Chicago; and to
Edward F. Lis, Helen Culbertson, in Springfield,

authority to sign his name as President of the Board of Trustees to vouchers against the Auditor of Public Accounts; and to

C. C. DeLong, R. W. Zimmer, R. F. Wood, in Urbana; and to
James E. Osborn, David W. Bonham, Walter E. Cowart, R. E. Porter, H. O. Albers, A. W. Catrambone, in Chicago,

authority to sign his name to warrants on the University Treasurer covering vouchers approved in accordance with regulations approved by the Board.

The Secretary of the Board of Trustees is authorized to delegate to

Romaine C. Wicklund, George H. Bargh, Virginia J. Hendrix, in Urbana; and to
G. R. Moon, Anthony J. Diekema, Velma M. Davis, H. W. Bailey, Kirker Smith, in Chicago,

authority to sign his name as Secretary of the Board of Trustees to vouchers

against the Auditor of Public Accounts and to warrants on the University Treasurer covering vouchers approved in accordance with regulations of the Board.

The Secretary of the Board of Trustees is also authorized to delegate to

Lean C. Ryan, Addalein C. Hawk, in Springfield,

authority to sign his name as Secretary of the Board of Trustees on vouchers against the Auditor of Public Accounts approved in accordance with the regulations of the Board.

These authorizations are to continue in effect until the Auditor of Public Accounts has been supplied with specimen signatures of succeeding officers of this Board. And be it further

Resolved, that the First National Bank of Chicago as a designated depository of R. R. Manchester, Treasurer of this corporation, be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or signers thereof, when bearing or purporting to bear the facsimile signatures of the two following: Howard W. Clement, President; and Earl W. Porter, Secretary; and the First National Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means the facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens duly certified to or filed with the First National Bank of Chicago by the Secretary or other officer of this corporation. And be it further

Resolved, that the Auditor of Public Accounts is hereby authorized and directed to honor vouchers bearing facsimile signatures of the President and Secretary of The Board of Trustees of the University of Illinois if such facsimile signatures resemble the facsimile specimens duly certified to or filed with the Auditor of Public Accounts by the Secretary.

STATEMENT BY MR. IRVING DILLIARD

Mr. Dilliard asked for the floor to present the following statement.

MR. PRESIDENT:

Prior to the next scheduled meeting of this Board, Dr. David D. Henry will have begun, on September 1, his twelfth year as President of the University of Illinois. Of the dozen presidents of the University only three have served longer tenures than the eleven years Dr. Henry achieves next month. These were John Milton Gregory, thirteen years, Edmund Janes James, sixteen years, and Arthur Cutts Willard, twelve years.

No one has served in periods of greater problems and pressures.

Notable also is the fact that Dr. Henry's tenure is already *twice* the current average tenure of presidents of colleges and universities in the United States. For the University's President to have been able to accomplish this record of extended service during a time when the total enrollment of the divisions of the University of Illinois has grown to more than 40,000, not counting summer session students, is in itself a measure of his abilities and talents. Adding in the summer session student enrollments reported to the Trustees today, the total annual enrollment in the University of Illinois now exceeds 50,000.

Mr. President, I move that this statement appear in the minutes of our meeting today to record congratulations to President Henry and the administrative staff from the Board of Trustees.

Mr. Dilliard's motion was adopted unanimously, and his statement was received for the record.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; resignations, declinations, and cancellations; leaves of absence.

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.)
- ALEX, ANOAR, Visiting Lecturer in Portuguese (Urbana), academic year 1966-67, \$9,000 (5-26-66).
- AISTARS, AIVARS, Assistant Catalog Librarian with rank of Instructor (Chicago Circle), August 1, 1966-August 31, 1967, \$8,000 a year (6-23-66).
- ANDERSON, ALVIN T., Project Director, Neighborhood Youth Corps, Cooperative Extension Service in Agriculture and Home Economics (Urbana), $\frac{3}{4}$ time, three months from June 1, 1966, \$8,100 a year, supersedes (6-17-66).
- ANDERSON, TRUMAN O., Coordinator of Independent Study Program, $\frac{7}{10}$ time, and Assistant Professor of Medicine and of Microbiology, $\frac{3}{10}$ time, July 1, 1966-August 31, 1967, \$17,500 a year, supersedes (6-17-66).
- ARORA, OM P., Research Associate in Metallurgy (C) (Urbana), two months from June 1, 1966, \$666.67 a month (7-5-66).
- ASH, CAROL, Instructor in Mathematics (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,300 (6-13-66).
- BACHMAN, JAMES R., Instructor in History (Chicago Circle), $\frac{3}{4}$ time, spring quarter of 1966, \$4,500 a year, supersedes (6-23-66).
- BAILEY, JAMES A., Research Associate in the State Natural History Survey and in the Graduate College (Urbana), one year from July 1, 1966, \$8,820, supersedes (6-27-66).
- BASSEL, MRS. ALIX, Research Associate in Microbiology (Urbana), two months from June 16, 1966, \$1,555.56 (6-17-66).
- BATEMAN, FELICE D., Assistant Professor of Mathematics (Urbana), $\frac{2}{3}$ time, academic year 1966-67, \$6,250 (6-23-66).
- BECKHAM, RALPH S., Instructor in English (Urbana), academic year 1966-67, \$7,500 (6-17-66).
- BECKLEY, BEATRICE B., Visiting Lecturer in Elementary Education (Urbana), two months from June 16, 1966, \$1,800 (5-26-66).
- BETTS, MADELEINE E., Lecturer in French (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$1,600, supersedes (6-15-66).
- BLONDEAU, JOHN P., Research Programmer in Computer Science (Urbana), July 1, 1966-August 31, 1967, \$11,000 a year, supersedes (6-17-66).
- BOSDELL, BETTY J., Visiting Lecturer in Educational Psychology (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,100 (6-2-66).
- BOUKNIGHT, WENDELL J., Research Engineer in the Coordinated Science Laboratory (C) (Urbana), June 16, 1966-August 31, 1967, \$9,600 a year (7-6-66).
- BRANDT, GARY WAYNE, Instructor in Veterinary Clinical Medicine (Urbana), $\frac{2}{3}$ time, June 16-August 31, 1966, \$1,406.25 (5-23-66).
- CALDWELL, RODERICK P. C., Visiting Lecturer in Mathematics (Urbana), $\frac{2}{3}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,600 (6-2-66).
- CANNADAY, ROBERT W., JR., Visiting Lecturer in Secondary and Continuing Education, $\frac{1}{2}$ time, and in Elementary Education, $\frac{1}{2}$ time, College of Education (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$2,445 (6-30-66).
- CAZORT, RALPH J., Professor of Pharmacology on the Faculty of Medicine, Chiangmai Hospital, Chiangmai, Thailand, for service under Contract AID/fe-2, two months from July 1, 1966, \$1,350 a month (6-13-66).
- CHERRY, JOE H., Visiting Lecturer in Chemistry and Chemical Engineering (Urbana), June 20-July 8, 1966, and August 1-August 12, 1966, \$1,800 (6-10-66).
- CLARK, BOBBALA, Research Associate in the Institute for Research on Exceptional Children (Urbana), $\frac{1}{2}$ time, two months from June 16, 1966, \$900 (6-29-66).
- CLARK, PRISCILLA P., Instructor in French (Chicago Circle), academic year 1966-67, \$8,400 (6-8-66).
- CLEVELAND, SANDRA B., Visiting Assistant Professor of Mathematics (Urbana), nine months from September 16, 1966, \$8,500 (6-13-66).
- COHEN, JEROME, Research Programmer in Computer Science (Urbana), one year from September 1, 1966, \$8,000 (6-30-66).
- CONLEY, JOHN, Instructor in Health Education, College of Physical Education (Urbana), academic year 1966-67, \$7,500 (6-28-66).
- CUMMINGS, RALPH W., JR., Assistant Professor in the Campus Office of A.I.D. Projects (Urbana), June 16-August 31, 1966, \$9,750 a year (6-30-66).

- DAVIES, MICHAEL S., Research Associate in the Coordinated Science Laboratory (C) (Urbana), two months from July 1, 1966, \$7,800 a year (6-23-66).
- DAVIS, CHARLES S., Clinical Instructor in Medicine, three months from June 1, 1966, without salary, supersedes (6-22-66).
- DAY, FRANCES M., Instructor in Mathematics (Urbana), $\frac{1}{2}$ time, academic year, 1966-67, \$4,200 (6-13-66).
- DECKER, GEORGE C., Research Associate in the State Natural History Survey and in the Graduate College (Urbana), $\frac{1}{2}$ time, May 16-August 31, 1966, \$2,607.50 (5-2-66).
- DE MARCO, WILLIAM, Instructor in Speech (Urbana), one year from June 16, 1966, \$7,200 (6-13-66).
- DE PHILLIPS, HENRY A., Research Associate in Chemistry (Urbana), June 10-September 9, 1966, \$1,800 (5-18-66).
- DEWALD, RONALD L., Clinical Instructor in Orthopaedic Surgery and in the Division of Services for Crippled Children, College of Medicine, $\frac{2}{3}$ time, May 1, 1966-August 31, 1967, \$3,250 a year, supersedes (6-13-66).
- DICKER, MARVIN, Instructor in Sociology (Urbana), academic year 1966-67, \$8,400 (5-27-66).
- DOYLE, LAWRENCE E., Professor of Mechanical Engineering, Department of Vocational and Technical Education (Urbana), Summer Session of 1966, June 20-July 16, 1966, \$1,467 (6-29-66).
- DRAGANSKI, DONALD C., Assistant Reference Librarian with rank of Instructor (Chicago Circle), one year from September 1, 1966, \$6,600 (6-23-66).
- DUGGAN, THOMAS, Assistant Professor in the Survey Research Laboratory, Graduate College (Urbana), two months from June 16, 1966, \$2,000 (6-13-66).
- DURANT, ADRIAN J., JR., Visiting Lecturer in the Institute for Research on Exceptional Children, $\frac{3}{4}$ time, and in Special Education, $\frac{1}{4}$ time (Urbana), academic year 1966-67, \$14,000 (6-8-66).
- ESHELMAN, THOMAS A., Visiting Lecturer in Elementary Education (Urbana), two months from June 16, 1966, \$1,300 (5-26-66).
- FALLS, ARTHUR J., Assistant Director for Undergraduate Scholarship Programs (Urbana), May 16-August 31, 1966, \$9,000 a year (5-31-66).
- FARMANS, MICHAEL S., Clinical Assistant Professor of Obstetrics and Gynecology, for two months beginning July 1, 1966, without salary, supersedes (6-22-66).
- FIREBAUGH, MORRIS W., Research Associate in Physics (C) (Urbana), June 1, 1966-August 31, 1967, \$8,600 a year (6-23-66).
- FOLEJEWSKI, ZBIGNIEW, Visiting Professor of Slavic Languages and Literatures (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$2,112 (6-3-66); and Professor of Slavic Languages and Literatures (Urbana), full time, indefinite tenure from September 1, 1966, academic year service basis, \$22,000 a year (6-24-66).
- FRANCIS, WILLIAM J., Research Associate in the State Natural History Survey and in the Graduate College (Urbana), one year from July 1, 1966, \$8,160 (6-17-66).
- FRANK, ROBERT H., Visiting Lecturer in History (Urbana), academic year 1966-67, \$9,000 (5-18-66).
- FRANKEL, PHYLIS M., Counselor in Student Counseling Service (Chicago Circle), $\frac{3}{5}$ time, one year from September 1, 1966, \$5,600 (6-8-66).
- FRAYNE, JOHN P., Instructor in English (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$1,667, supersedes (3-30-66).
- GAGEN, TERENCE M., Visiting Lecturer in Mathematics (Urbana), academic year 1966-67, \$7,500 (6-8-66).
- GALBRAITH, BARRY E., Research Associate in Chemistry (Urbana), one month from June 1, 1966, \$600 (6-8-66).
- GARFINKEL, GERALD S., Instructor in Mathematics (Urbana), academic year 1966-67, \$8,000 (6-8-66).
- GARRISON, JOANNE R., Bibliographer with rank of Instructor in the Library (Urbana), $\frac{1}{4}$ time, one year from September 1, 1966, \$1,950, supersedes (5-27-66).
- GELDARD, JOHN F., Visiting Lecturer in Chemistry (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$1,667 (6-3-66).
- GEOGHEGAN, PATRICK M., Instructor in English (Urbana), $\frac{2}{3}$ time, academic year 1966-67, \$3,600 (6-24-66).
- GERSTNER, ROBERT W., Associate Professor of Structural Mechanics, in the De-

- partment of Materials Engineering, College of Engineering (Chicago Circle), two months from June 16, 1966, \$2,333 (6-8-66).
- GOEHNER, DONNA M., Research Associate in the Library Research Center, Graduate School of Library Science (Urbana), July 1, 1966-August 31, 1967, \$6,900 a year (6-3-66).
- GOOD, JOAN E., Instructor in Speech, $\frac{1}{2}$ time, and in the Speech and Hearing Clinic, $\frac{1}{2}$ time, Department of Speech and Theatre (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$1,312, supersedes (5-19-66).
- GOODMAN, EMILY H., Instructor in History (Chicago Circle), $\frac{5}{8}$ time, spring quarter 1966, \$5,400 a year, supersedes (6-23-66).
- GRAHAM, PHYLLIS, Assistant Professor of Mathematics (Urbana), $\frac{2}{3}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,245 (7-5-66).
- GREEN, JOAN DEBORAH, Instructor in Education, University High School (Urbana), two months from June 16, 1966, \$1,800 (6-2-66).
- GRIMM, WOLFGANG, Research Associate in Chemistry (Urbana), September 1-December 15, 1966, \$7,700 a year, supersedes (3-17-66).
- GRINIS, JULENE A., Instructor in Verbal Communication, Division of General Studies (Urbana), academic year 1966-67, \$5,800 (6-17-66).
- GRUELLE, ROBERT B., Assistant Director of Union and Housing (Medical Center), three months from June 1, 1966, \$9,300 a year (6-8-66).
- GUPTA, AMRIT SAGAR, Research Associate in Chemistry (Urbana), October 16, 1966-August 31, 1967, \$7,300 a year (5-27-66).
- HABERLICHTER, KARLEEN B., Visiting Lecturer in Elementary Education (Urbana), two months from June 16, 1966, \$1,600 (5-26-66).
- HAGAN, CHARLES B., Professor of Political Science (Urbana), six months from March 1, 1966, \$3,200 (5-4-66).
- HANNAH, HAROLD W., Project Director, Campus Office of A.I.D. Projects (Urbana), June 16-September 11, 1966, \$17,800 a year, supersedes (6-8-66).
- HARDMAN, DALE G., Visiting Lecturer in Elementary Education (Urbana), two months from June 16, 1966, \$2,500 (5-26-66).
- HARRIS, MARVYN R., Instructor in French (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$823, supersedes (6-30-66).
- HARTLEY, THOMAS C., Associate Professor of General Engineering (Urbana), two months from June 16, 1966, \$2,222 (6-30-66).
- HERMANSON, JOHN C., Research Associate in Physics (C) (Urbana), one year from September 1, 1966, \$8,700 (4-27-66).
- HEWES, RALPH A., Research Associate in Physics (C) (Urbana), three months from June 1, 1966, \$650 a month (5-27-66).
- HODGSON, JORDAN V., Instructor in German (Chicago Circle), academic year 1966-67, \$8,200 (6-8-66).
- HOKE, GORDON AUSTIN, Instructor in Education, University High School (Urbana), June 16-August 31, 1966, \$2,625 (6-10-66).
- HOLBROOK, DAVID KENNETH, Visiting Lecturer in English, NDEA Institute for Advanced Study in English (Urbana), June 20-August 13, 1966, \$4,080 (6-8-66).
- HOLMES, ROLAND W., Lecturer in English, $\frac{1}{2}$ time, and Assistant Dean of the College of Liberal Arts and Sciences, $\frac{1}{2}$ time (Urbana), academic year 1966-67, \$10,800 (6-8-66).
- HOLUB, PAUL J., Research Associate in the Institute for Research on Exceptional Children (Urbana), two months from June 16, 1966, \$1,866.66 (6-1-66).
- HSIAO, TING H., Research Associate in Entomology (Urbana), May 15, 1966-August 31, 1966, \$6,600 a year (6-1-66).
- HUDSON, KATHERINE, Visiting Lecturer in Elementary Education, College of Education (Urbana), two months from June 16, 1966, \$1,800 (5-26-66).
- HUNCKE, BRIAN H., Associate in Administration, College of Medicine (Evaluation Section), $\frac{1}{5}$ time for eight months beginning January 1, 1966, \$2,500 a year; this is in addition to his appointment as Clinical Associate in Orthopaedic Surgery, College of Medicine, without salary (2-25-66).
- HUNDELBAY, JOHN, Assistant Professor of Psychology (Urbana), July 15-August 31, 1966, \$1,500 (6-1-66).
- INCE, ROBERT L., Director, NDEA Institute for Advanced Study in Oral Language Programs in Elementary School, Department of Speech and Theatre (Urbana), June 16-August 24, 1966, \$297.75 a week (6-1-66).

- ISHIHARI, KENJI, Visiting Research Associate in Civil Engineering (Urbana), academic year 1966-67, \$7,200 (5-26-66).
- ITAGAKI, EIJI, Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$7,500 (5-18-66).
- JANKE, ARTHUR E., Instructor in Russian (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,000 (6-20-66).
- JOHNSON, JAMES D., Instructor in English (Urbana), $\frac{3}{4}$ time, academic year 1966-67, \$3,600 (6-28-66).
- JOHNSTON, BEN B., JR., Associate Professor of Music (Urbana), $\frac{3}{4}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,650, supersedes (6-30-66).
- KACHRU, YAMUNA, Research Assistant Professor of Linguistics (Urbana), $\frac{1}{2}$ time, five months from July 1, 1966, \$2,375 (6-29-66).
- KAUFMANN, GRACE G., Instructor in Occupational Therapy, School of Associated Medical Sciences, College of Medicine, May 23, 1966-August 31, 1967, \$6,800 a year (6-13-66).
- KELLY, BRUCE B., Assistant to the Dean of Students (Urbana), two months from from July 1, 1966, \$625 a month (6-13-66).
- KELLY, D. H., Instructor in Electrical Engineering (Urbana), $\frac{1}{4}$ time, Summer Session of 1966, June 20-August 13, 1966, \$562 (5-31-66).
- KENVON, JOHN, Research Assistant Professor of Psychology (Urbana), $\frac{1}{2}$ time, three months from February 1, 1966, \$647.72; Research Assistant Professor of Psychology, $\frac{1}{4}$ time, Semester II 1965-66, \$1,227.28, supersedes (5-6-66).
- KEY, J. L., Visiting Lecturer in Chemistry and Chemical Engineering (Urbana), July 11-July 29, 1966, \$1,150 (6-10-66).
- KEYNAN, ALEXANDER, Visiting Scientist in Chemistry (Urbana), one month from July 1, 1966, \$1,100 (5-26-66).
- KING, CHARLES E., Assistant Professor of Zoology (Urbana), Summer Session of 1966, June 20-July 16, 1966, \$1,056 (5-26-66).
- KINNAMON, KENETH, Assistant Professor of English (Urbana), academic year 1966-67, \$8,600, supersedes (6-8-66).
- KINNICK, MARY, Assistant Dean of Women (Urbana), one year from September 1, 1966, \$7,500 (6-29-66).
- KIRK, WINIFRED D., Research Associate in the Institute for Research on Exceptional Children, College of Education (Urbana), academic year 1966-67, \$8,500 (5-8-66).
- KIRKOV, PANCE, Research Associate in Chemistry (Urbana), three months from June 1, 1966, \$2,100 (5-18-66).
- KUHLMAN, DONALD E., Instructor in Agricultural Entomology Extension (E) (Urbana), June 1, 1966-August 31, 1967, \$9,500 a year (5-26-66).
- LAPIDUS, LEW, Instructor in Russian (Urbana), academic year 1966-67, \$7,200 (6-23-66).
- LEBEAU, LEON J., Associate Professor of Microbiology on the Faculty of Medicine, Chiangmai Hospital, Chiangmai, Thailand, for service under Contract AID/fe-2, one month from September 1, 1966, \$15,730 a year; and Associate Professor of Microbiology, College of Medicine, indefinite tenure from October 1, 1966, \$14,300 a year (6-8-66).
- LEVINE, RAYMOND, Visiting Lecturer in Chemistry (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$2,000 (6-23-66).
- LEVINSON, DAVID W., Professor of Metallurgy and Associate Head of the Department of Materials Engineering (Chicago Circle), $\frac{3}{4}$ time, summer quarter of 1966, \$3,500, supersedes (6-27-66).
- LILJE, GERALD W., Instructor in Philosophy (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$3,000 (6-2-66).
- LOEPPERT, THEODORE W., Instructor in English (Chicago Circle), $\frac{1}{3}$ time, spring quarter of 1966, \$634, supersedes (6-1-66).
- LONG, WRITESMAN, Visiting Lecturer in Business Education (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$700 (5-19-66).
- MADDEN, JAMES, Research Programmer in Computer Science (Urbana), June 20, 1966-August 31, 1967, \$8,000 a year (6-17-66).
- MAGELLI, PAUL J., Assistant to the Dean of Students (Urbana), one month from June 1, 1966, \$791.67 (6-13-66).
- MANN, AVINO'AM, Instructor in Mathematics (Urbana), academic year 1966-67, \$7,500 (6-8-66).

- MARKS, G. WARREN, Instructor in Civil Engineering (C) (Urbana), two months from June 16, 1966, \$1,733.34 (5-20-66).
- MARKS, RICHARD E., Research Engineer in Computer Science (Urbana), two months from July 1, 1966, \$1,750 (5-26-66).
- MARSHALL, ROBERT H., Visiting Lecturer in Chemistry (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$2,400 (5-26-66).
- MARTENS, GERT, Research Associate in the Coordinated Science Laboratory (Urbana), two months from July 1, 1966, \$7,800 a year (6-23-66).
- MARTIN, WALDO D., Instructor in General Engineering (Urbana), academic year 1966-67, \$7,500 (6-2-66).
- MATHUR, HARI HAR, Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$7,500 (5-26-66).
- McBRYDE, VERA E., Instructor in Medicine, College of Medicine, July 1, 1966-August 31, 1967, \$10,000 a year (5-18-66).
- McPHEAIL, ANDREW T., Research Associate in Chemistry (Urbana), one month from September 1, 1966, \$666.67 (6-8-66).
- MENDEL, CLIFFORD W., JR., Research Associate in the Coordinated Science Laboratory (Urbana), two months from June 16, 1966, \$8,400 a year (6-23-66).
- MERCHANT, FREDERICK, Staff Pharmacist in the Department of Pharmacy, College of Pharmacy, for four months beginning May 1, 1966, without salary; for the convenience of the University, he will receive room and board; supersedes salaried appointment (5-20-66).
- MEREDITH, GERALD M., Research Associate in Psychology (Urbana), $\frac{1}{3}$ time, two months from July 1, 1966, \$388.88, supersedes; this is in addition to his appointment in the Summer Session of 1966, $\frac{1}{2}$ time (5-26-66).
- MOORE, JAMES E., Visiting Lecturer in Elementary Education (Urbana), June 15-August 17, 1966, \$2,250 (6-1-66).
- MURATA, AKIRA, Research Associate in Physiology (Urbana), three months from June 1, 1966, \$6,350 a year, and six months from September 1, 1966, \$6,600 a year (1-27-66).
- MURATA, TADAO, Research Associate in the Coordinated Science Laboratory (C) (Urbana), two months from June 16, 1966, \$1,300 (6-23-66).
- MURPHY, RUBY A., Instructor in Verbal Communication, Division of General Studies (Urbana), academic year 1966-67, \$5,400 (6-8-66).
- NAGYVARY, JOSEPH, Visiting Lecturer in Chemistry (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$2,000 (6-3-66).
- NAJAFI, HASSAN, Clinical Assistant Professor of Surgery, College of Medicine, for three months beginning June 1, 1966, without salary (6-2-66).
- NANCE, JEAN P., Research Associate in Secondary and Continuing Education (Urbana), June 1-August 15, 1966, \$750 a month (6-8-66).
- NEWMAN, ALBERT, Clinical Counselor with rank of Assistant Professor in the Student Counseling Service (Urbana), three months from June 1, 1966, \$10,100 a year, supersedes (6-8-66).
- NIEVERGELT, MRS. TERESITA, Cataloger with rank of Instructor in the Library (Urbana), three months from June 1, 1966, \$6,500 a year, supersedes (5-26-66).
- NORTHCOTT, D. G., Visiting Professor of Mathematics (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$5,000 (6-3-66).
- NUTAITIS, RAYMOND J., Instructor in Music (Urbana), academic year 1966-67, \$7,500 (6-17-66).
- OBERAL, KIRTI K., Instructor in Mathematics (Urbana), $\frac{2}{3}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,200 (6-15-66).
- ONO, KAZUO, Visiting Professor of Physics (C) (Urbana), two months from June 16, 1966, \$1,666.66 a month (6-17-66).
- PARASKEVOPOULOS, IOANNIS, Research Associate in the Institute for Research on Exceptional Children (Urbana), two months from June 16, 1966, \$1,600 (6-27-66).
- PAUL, MANFRED, Visiting Research Associate Professor of Computer Science, Graduate College (Urbana), for Semester I 1966-67, \$7,700 (6-3-66).
- PEARSON, JOHN E., Research Associate in the State Water Survey and in the Graduate College (Urbana), two months from June 16, 1966, \$1,666.67 a month (6-23-66).
- PEIRCE, GEORGE R., Professor of Electrical Engineering (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,534, supersedes (6-10-66).

- PETERSON, HAROLD A., Instructor in Speech and Theatre (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$1,589 (5-20-66).
- PETHICK, C. J., Research Associate in Physics (Urbana), one year from September 1, 1966, \$8,700 (4-20-66).
- PORTA, HORACIO A., Instructor in Mathematics (Urbana), academic year 1966-67, \$8,000 (6-20-66).
- RAINS, RUTH R., Assistant Professor of French (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$912 (6-30-66).
- RAJAGOPALAN, M., Associate Professor of Mathematics (Urbana), indefinite tenure from September 1, 1966, academic year service basis, \$12,500 (6-13-66).
- RANGA RAO, R., Visiting Associate Professor of Mathematics (Urbana), $\frac{2}{3}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,630 (6-2-66).
- RANGASWAMY, K. M., Instructor in Mathematics (Urbana), academic year 1966-67, \$7,500 (6-8-66).
- RICHARTZ, LEON E., Assistant Professor of Business Administration, Graduate School of Business Administration (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$2,400 (5-26-66).
- ROBERTS, WYNDHAM J., Research Associate in the State Water Survey and in the Graduate College (Urbana), one year from July 1, 1966, \$15,000 (6-27-66).
- ROBINSON, LEHYMANN F., Assistant to the Director of Admissions and Records (Urbana), July 1, 1966-August 31, 1967, \$9,000 a year (6-30-66).
- ROE, WALTER BRODHAY, Instructor in Geology (Chicago Circle), $\frac{4}{5}$ time, spring quarter 1966, \$437.50 a month (6-23-66).
- ROGERS, PHILIP EDWARD, Instructor in English (Urbana), academic year 1966-67, \$5,400 (7-5-66).
- ROSENWINKEL, LESTER, Instructor in Architecture (Urbana), academic year 1966-67, \$7,500 (6-29-66).
- ROSS, ROBERT C., Leader Foreign Agricultural Visitors, Foreign Visitors Program (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$6,850 (6-1-66).
- SAMOS, FERENC H., Physician in the Health Service (Medical Center), $\frac{2}{5}$ time, May 14-August 31, 1966, \$5,400 a year, and for one year from September 1, 1966, \$5,600 a year (5-26-66).
- SANDERS, CHARLES, Assistant Professor of English (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$1,823, supersedes (6-30-66).
- SATO, SHOZO, Visiting Lecturer in Physical Education for Women, in the Graduate College (Urbana), one month from June 1, 1966, \$1,000 (6-23-66).
- SEMONIN, RICHARD G., Research Associate in the State Water Survey and in the Graduate College (Urbana), two months from July 1, 1966, \$14,000 a year (6-23-66).
- SERAUSKAS, R. V., Research Associate in Chemistry (Urbana), May 16-August 31, 1966, \$6,600 a year, supersedes (6-1-66).
- SERGIOVANNI, THOMAS J., Assistant Professor of Educational Administration and Supervision, $\frac{1}{2}$ time, and of Elementary Education, $\frac{1}{2}$ time, College of Education (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$2,000, supersedes (6-29-66).
- SERTORIO, HELGA, Visiting Instructor in Physiology and Biophysics (Urbana), two months from June 16, 1966, \$1,200 (6-30-66).
- SERTORIO, LUIGI, Research Associate in Physics (C) (Urbana), two months from June 16, 1966, \$1,600 (6-17-66).
- SHALABI, MADELAINE T., Associate Professor of Education, Division of Education (Chicago Circle), $\frac{1}{2}$ time, two months from June 16, 1966, \$1,089 (6-7-66).
- SHEBCHUK, LARISSA A., Instructor in Russian (Chicago Circle), academic year 1966-67, \$6,500 (6-8-66).
- SIBINOVIC, MRS. KYLE H., Research Associate in Veterinary Pathology and Hygiene (Urbana), three months from June 1, 1966, \$750 a month (6-13-66).
- SIMONE, JOSEPH V., Instructor in Pediatrics, College of Medicine, July 1, 1966-August 31, 1967, \$12,000 a year (6-13-66).
- SLAUGHTER, DANELY P., Clinical Professor of Surgery, College of Medicine, 35/100 time, indefinite tenure from June 1, 1966, \$5,150 a year (6-21-66).
- SOEHNGEN, HENRY F., Research Associate in Civil Engineering (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,245 (5-24-66).
- SOLZMAN, DAVID M., Assistant Professor of Geography (Chicago Circle), four months from May 1, 1966, \$8,200 a year (6-1-66).

- SPANO, BARTOLO JOHN, Visiting Lecturer in Educational Psychology (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$1,900 (6-30-66).
- SPURGEON, DICKIE A., Instructor in English (Urbana), $\frac{2}{3}$ time, academic year 1966-67, \$3,600 (7-5-66).
- SRINIVASAN, RANGASWAMY, Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$7,500 (5-27-66).
- STECHER, JOANN MARIE, Research Associate in Elementary Education (Urbana), academic year 1966-67, \$9,000 (6-8-66).
- STOREY, EDWARD H., Professor of Recreation and Municipal Park Administration, College of Physical Education (Urbana), two months from June 16, 1966, \$1,363.89 a month (5-26-66).
- STOUT, GLENN E., Research Associate in the State Water Survey and in the Graduate College (Urbana), one month from July 1, 1966, \$1,666.67 (6-17-66).
- STREET, ANNE P., Instructor in Mathematics (Urbana), academic year 1966-67, \$6,950 (6-24-66).
- STRONG, PASCHAL N., JR., Visiting Lecturer in Educational Psychology (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$3,000 (6-2-66).
- STUBBS, Frederick G., JR., Assistant Professor of Finance (Chicago Circle), academic year 1966-67, \$10,500 (5-6-66).
- SWING, JACK H., Adviser-Campus Planning and Development at the Jawaharlal Nehru Agricultural University, for four months beginning February 1, 1966, \$1,674 a month, and Adviser for Campus Planning and Development in the Campus Office of A.I.D. Projects, two months from June 1, 1966, \$1,522.22 a month (6-30-66).
- TADANO, TAKEO, Research Associate in Zoology (Urbana), one year from September 1, 1966, \$6,600 (5-18-66).
- TERRAS, VICTOR, Professor of Russian, Department of Slavic Languages and Literatures (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,556, supersedes (6-3-66).
- TODD, LEE J., Assistant Professor of Chemistry (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$945 (6-3-66).
- TOMASCHKE, HARRY E., Research Associate in the Coordinated Science Laboratory (Urbana), June 13-August 31, 1966, \$800 a month (6-13-66).
- TROWER, WILLIAM PETER, Research Associate in Physics (C) (Urbana), three months from June 1, 1966, \$700 a month (6-17-66).
- TSUCHIYA, GORO, Clinical Instructor in Neurological Surgery, College of Medicine, $\frac{1}{2}$ time, five months from April 1, 1966, \$1,200 a year (6-1-66).
- TULUMELLO, ANGELO C., Senior Research Engineer in the Coordinated Science Laboratory, College of Engineering (Urbana), June 1, 1966-August 31, 1967, \$13,750 a year (6-13-66).
- TUZAR, JANA I., Instructor in Russian (Urbana), academic year 1966-67, \$8,000 (6-20-66).
- TYNER, EDWARD H., Professor of Soil Fertility in the Midwest Universities Consortium (Urbana), April 17-April 30, 1966, \$649, supersedes for the period indicated (6-3-66).
- VON NEUMANN, ALICE W., Research Associate in the Children's Research Center, Graduate College (Urbana), academic year 1966-67, \$6,300 (6-17-66).
- WACHS, THEODORE D., Visiting Lecturer in Educational Psychology (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$850 (6-1-66).
- WALLACE, ALFRED L., Instructor in German (Chicago Circle), academic year 1966-67, \$6,000 (6-8-66).
- WALLACK, PHILIP J., Research Programmer in Computer Science (Urbana), August 8, 1966-August 31, 1967, \$11,000 a year (6-13-66).
- WATTS, EMILY S., Assistant Professor of English (Urbana), $\frac{1}{3}$ time, academic year 1966-67, \$2,800 (6-8-66).
- WEHRING, BERNARD W., Assistant Professor of Nuclear Engineering (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,000; $\frac{1}{2}$ time, June 16-August 15, 1966, and full time, August 16-31, 1966, at the rate of \$1,000 a month (6-7-66).
- WESTEMEIER, RONALD L., Research Associate in the State Natural History Survey and in the Graduate College (Urbana), one year from July 1, 1966, \$7,620 (6-27-66).

- WHITAKER, KENNETH E., Research Associate in Chemistry, Graduate College (Urbana), one year from September 1, 1966, \$7,200 (6-1-66).
- WILSON, GRACE E., Professor of Music (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$2,645, supersedes (6-17-66).
- WYMAN, MARVIN E., Professor of Nuclear Engineering (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$1,267, supersedes (6-7-66).
- YAMAMOTO, PATRICIA, Education and Social Science Library Assistant with rank of Instructor, in the Library (Urbana), $\frac{3}{4}$ time for the period June 21-August 12, 1966, \$418.75 a month, and $\frac{1}{2}$ time for the period August 13-August 31, 1966, \$279.17 a month, supersedes (6-17-66).
- ZADO, FRANJO M., Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$7,500 (5-18-66).
- ZIMMER, NORMA, Visiting Lecturer in Elementary Education (Urbana), June 15-August 17, 1966, \$2,500 (6-29-66).

The following appointments of members of the staff of the State Natural History Survey are without salary and without tenure to give the appointees academic status as members of the research staff of the Agricultural Experiment Station (Urbana). These appointments are for one year beginning September 1, 1966.

- APPLERY, JAMES E., Assistant Professor of Agricultural Entomology
- ARMBRUST, EDWARD J., Assistant Professor of Agricultural Entomology
- BROERSMA, DELMAR B., Assistant Professor of Agricultural Entomology
- BRUCE, WILLIS N., Professor of Agricultural Entomology
- MADDOX, JOSEPH V., Assistant Professor of Agricultural Entomology
- MEYER, RONALD H., Assistant Professor of Agricultural Entomology
- PAUSCH, ROBERT D., Assistant Professor of Agricultural Entomology
- SECHRIEST, RALPH E., Assistant Professor of Agricultural Entomology

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- ALBERS, GEORGE A., Instructor in Architecture (Urbana) — resignation effective September 1, 1966.
- ALGUERO, MANUEL S., Bibliographer with rank of Instructor, in the Library (Urbana) — resignation effective September 1, 1966.
- ALBRIGHT, WILLIAM G., Associate Professor of Electrical Engineering (Urbana), Summer Session of 1966 — declination effective June 20, 1966.
- ALLGOOD, WILLIAM T., Instructor in Music (Urbana) — resignation effective September 1, 1966.
- ANDERSON, AEMER D., Assistant Professor of Energy Engineering (Chicago Circle), Summer quarter of 1966 — declination effective June 16, 1966.
- ANDERSON, MRS. JACQUELINE H., Instructor in Home Economics (Urbana) — resignation effective September 1, 1966.
- ASPINES, DAVID E., Research Associate in Electrical Engineering (Urbana) — resignation effective September 1, 1966.
- BAKER, RONALD, Instructor in English (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- BALMAIN, KEITH G., Assistant Professor of Electrical Engineering (Urbana) — resignation effective September 1, 1966.
- BATES, CYRIL P., Instructor in Electrical Engineering (Urbana) — resignation effective September 1, 1966.
- BENNETT, HERBERT S., Research Associate in Physics (Urbana) — resignation effective August 15, 1966.
- BOLAN, JAMES T., Instructor in Pathology (Medicine) — resignation effective July 1, 1966.
- BOND, JAMES A., Assistant Professor of Biological Sciences (Chicago Circle), Summer quarter of 1966 — declination effective June 16, 1966.
- BONEY, JEW D., Visiting Assistant Professor of Educational Psychology (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- BOSDELL, BETTY J., Visiting Lecturer in Educational Psychology (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- BOWMAN, MARY A., Engineering Library Assistant with rank of Instructor (Urbana) — resignation effective September 1, 1966.
- BRITTON, MICHAEL P., Associate Professor of Plant Pathology (Urbana) — resignation effective September 1, 1966.

- CLIFFORD, JOHN J., Research Associate in University High School (Urbana) — resignation effective July 1, 1966.
- COLWELL, RICHARD J., Assistant Professor of Music (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- CUZZORT, RAY P., Associate Professor of Sociology, College of Liberal Arts and Sciences, and Assistant Director for Research in University Honors Programs (Urbana) — resignation effective September 1, 1966.
- DASSO, JEROME J., Assistant Professor of Finance (Urbana) — resignation effective September 1, 1966.
- DIPERT, ARNOLD W., Assistant Professor of Electrical Engineering (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- DOYLE, JAMES M., Assistant Professor of Materials Engineering (Chicago Circle), summer quarter of 1966 — declination effective June 16, 1966.
- ECKLUND, ROBERT E., Instructor in Medicine (Medicine) and Acting Director of the Health Service (Medical Center) — resignation effective August 1, 1966.
- EGBERT, PAUL R., Associate Professor of Electrical Engineering (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- EICHMAN, MARTIN L., Assistant Professor of Pharmacy and of Manufacturing Pharmacy (Pharmacy) — resignation effective September 1, 1966.
- ELLIOTT, R. J., George A. Miller Visiting Professor of Physics (Urbana) — resignation effective July 1, 1966.
- EUSTICE, DAN J., Assistant Professor of Mathematics (Urbana) — resignation effective September 1, 1966.
- FAIRCHILD, DARYL R., Sr., Instructor in Radio-Television, College of Journalism and Communications (Urbana) — resignation effective June 15, 1966.
- GANDHI, SHAM S., Instructor in Veterinary Biological Structure (Urbana) — resignation effective June 16, 1966.
- GARVERICK, CHARLES M., Assistant Professor of Educational Psychology (Urbana) — resignation effective September 1, 1966.
- GEORGE, EMERY E., Assistant Professor of German (Urbana) — resignation effective September 1, 1966.
- GERSTNER, ROBERT W., Associate Professor of Structural Mechanics, Department of Architecture (Chicago Circle), Summer quarter of 1966 — declination effective June 16, 1966.
- GIBSON, JAMES L., Instructor in Architecture (Urbana) — resignation effective September 1, 1966.
- GILES, GEORGE C., JR., Assistant Professor of Education (Chicago Circle), Summer quarter of 1966 — declination effective June 16, 1966.
- GLASKY, ALVIN, Assistant Professor of Biological Chemistry (Medicine) — resignation effective May 18, 1966.
- GLASS, ALAN B., Instructor in Architecture (Urbana) — cancellation effective September 1, 1966.
- GOMOLL, ALLEN W., Assistant Professor of Pharmacology (Medicine) — resignation effective September 1, 1966.
- GRIFFIN, JOHN B., Clinical Assistant Professor of Orthopaedic Surgery (Medicine) and Clinical Assistant Professor of Orthopaedic Surgery, Division of Services for Crippled Children — resignation effective May 1, 1966.
- HACKER, DAVID S., Associate Professor of Energy Engineering (Chicago Circle), Summer quarter of 1966 — declination effective June 16, 1966.
- HILL, ROBERT D., Professor of Physics (Urbana) — resignation effective September 1, 1966.
- HOFASAS, ELIZABETH A., Cataloger with rank of Instructor, in the Library (Urbana) — resignation effective September 1, 1966.
- HOOVER, JEANETTE J., Physician in the Health Service (Medical Center) — resignation effective June 1, 1966.
- HUNG, MRS. WINIFRED, Cataloger with rank of Instructor, in the Library (Urbana) — resignation effective July 1, 1966.
- KATZ, MOISES, Research Associate in Pediatrics (Medicine) — resignation effective September 1, 1966.
- KELLAM, SHEPPARD G., Assistant Professor of Psychiatry (Medicine) — resignation effective July 1, 1966.
- KUCHNIR, MRS. FRANCA T., Research Associate in Physics (Urbana) — resignation effective July 1, 1966.

- LANER, FRANCES J., Research Associate in Secondary and Continuing Education (Urbana) — resignation effective July 1, 1966.
- LEE, MAURICE, JR., Professor of History (Urbana) — resignation effective September 1, 1966.
- LEE, SHUNG-WU, Research Associate in Electrical Engineering (Urbana) — resignation effective July 13, 1966.
- LEVINE, RAYMOND, Research Associate in Chemistry (Urbana) — resignation effective June 1, 1966.
- LINDERHOLM, CARL E., Assistant Professor of Mathematics (Urbana) — resignation effective September 1, 1966.
- MC EWEN, ROGNVALD S., Research Associate in Chemistry (Urbana) — resignation effective July 16, 1966.
- MARTIN, JOHN D., Research Associate in Theoretical and Applied Mechanics (Urbana) — resignation effective June 21, 1966.
- METZGER, DUANE G., Assistant Professor of Anthropology (Urbana) — resignation effective September 1, 1966.
- MILLER, EDWIN B., Clinical Instructor in Medicine (Medicine) — resignation effective April 1, 1966.
- MINKOWYCZ, W. J., Assistant Professor of Energy Engineering (Chicago Circle), summer quarter of 1966 — declination effective June 16, 1966.
- MOCHEL, MARTIN O., JR., Senior Pharmacist and Clinical Instructor in Pharmacy (Pharmacy) — resignation effective July 1, 1966.
- MONKMAN, JOHN A., Clinical Counselor with rank of Assistant Professor, in the Student Counseling Service (Urbana) — resignation effective June 16, 1966.
- MYERS, WILLIAM P., Associate Director of Housing (Urbana) — resignation effective August 27, 1966.
- NEALEY, MRS. VICKI G., Research Associate in the Jane Addams Graduate School of Social Work (Urbana) — resignation effective July 15, 1966.
- NEFKENS, BERNARD M., Research Assistant Professor of Physics (Urbana) — resignation effective July 21, 1966.
- NIEVERGELT, MRS. TERESITA, Cataloger with rank of Instructor, in the Library (Urbana) — resignation effective September 1, 1966.
- OHLSSEN, MERLE M., Professor of Educational Psychology (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- ORVIS, HAROLD H., Associate Professor of Preventive Medicine (Medicine) and Coordinator, Rehabilitation Center (Medical Center) — resignation effective September 1, 1966.
- PARDEE, WILLIAM D., Associate Professor of Forage Crop Extension, Department of Agronomy (Urbana) — resignation effective August 1, 1966.
- PENNIMAN, WILLIAM D., Associate Director of Engineering Publications (Urbana) — resignation effective September 1, 1966.
- PORTER, AGNES R., Instructor in French (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- PONLEITHNER, HENRY, Sales Manager, University Press (Urbana) — cancellation effective September 1, 1966.
- PRESLEY, HALINA J., Associate Professor of Biological Sciences (Chicago Circle), Summer quarter of 1966 — declination effective June 16, 1966.
- RAGHAVA REDDY, DODLA V., Research Associate in Botany (Urbana) — resignation effective August 1, 1966.
- RAVELO, CELSO J., Research Associate in Pediatrics (Medicine) — resignation effective July 1, 1966.
- RENNER, MRS. CHARLENE, Cataloger with rank of Instructor, in the Library (Urbana) — resignation effective September 1, 1966.
- ROSNER, MARTIN M., Assistant Professor of Pharmacy Administration (Pharmacy) — resignation effective September 1, 1966.
- SCHIFF, SHELDON K., Assistant Professor of Psychiatry (Medicine) — resignation effective July 1, 1966.
- SCHOENBERGER, MICHAEL, Research Associate in Electrical Engineering and in the Coordinated Science Laboratory (Urbana) — resignation effective June 16, 1966.
- SCHLOSSER, ROBERT E., Professor of Accountancy (Urbana) — resignation effective September 1, 1966.

- SCHUITEMAN, ROBERT A., Director of the Office of Foreign Students in the Office of Dean of Students and in the Graduate College (Urbana) — resignation effective August 16, 1966.
- SCHULTZ, ALBERT B., Assistant Professor of Materials Engineering (Chicago Circle), Summer quarter of 1966 — declination effective June 16, 1966.
- SESHU, LILY H., Assistant Professor of Mathematics (Urbana) — resignation effective September 1, 1966.
- SHARPE, M. ELISABETH, Visiting Professor of Food Science (Urbana) — resignation effective June 23, 1966.
- SPENCE, PAUL H., History and Philosophy Librarian with rank of Instructor, in the Library (Urbana) — resignation effective September 1, 1966.
- SPENCE, MRS. RUTH S., Library Science Librarian with rank of Instructor, in the Library (Urbana) — resignation effective September 1, 1966.
- SPRINGER, MERLE E., Lecturer in the Jane Addams Graduate School of Social Work (Urbana) — resignation effective September 1, 1966.
- STALLMAN, ROBERT K., Instructor in Physical Education for Men (Urbana) — resignation effective September 1, 1966.
- STEPHENSON, DAVID T., Research Associate in Electrical Engineering (Urbana) — resignation effective September 1, 1966.
- STRANGE, RUSSELL P., Professor and Head of the Department of Air Force Aerospace Studies (Urbana) — resignation effective September 1, 1966.
- TAXEY, PAUL J., Instructor in Biological Sciences (Chicago Circle), Summer quarter of 1966 — declination effective June 16, 1966.
- TINKHAM, ROBERT A., Associate Professor of Vocational and Technical Education (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- VAN HORN, CHARLES J., Research Assistant Professor of Education, University High School (Urbana) — resignation effective July 13, 1966.
- VINCENT, LAVONNE, Staff Pharmacist in Hospital Pharmacy (Pharmacy) — resignation effective June 6, 1966.

LEAVES OF ABSENCE

- DRAKE, JOHN W., Associate Professor of Microbiology (Urbana) — leave of absence, without pay, for the period September 16 through December 31, 1966, so that he may accept a position as Visiting Professor at Harvard University.
- FONG, PAUL, Associate Professor of Mathematics at Chicago Circle — leave of absence, without pay, for the Fall quarter of 1966, so that he may participate in the research symposium on group theory to be conducted at the University of Warwick, England.
- FOX, SAMUEL, Professor of Accounting at Chicago Circle — leave of absence, without pay, for the academic year 1966-67, so that he may complete a textbook, prepare other work for publication, and accept a Visiting Professorial Lectureship at an overseas university during part of the time.
- GABAI, HYMAN, Assistant Professor of Mathematics and of Education (Urbana) — leave of absence, without pay, for one year beginning September 1, 1966, so that he may accept a position to teach mathematics and mathematics education at The City College of The City University of New York.
- GREEN, AARON, Librarian in the Institute of Labor and Industrial Relations with the rank of Associate Professor (Urbana) — extension of leave of absence, without pay, through August 31, 1966. He also has a leave of absence, without pay, for four months beginning September 1, 1966, to give him additional time for his studies at the University of Pennsylvania.
- HAAG, RUDOLF, Research Professor of Physics (Urbana) — leave of absence, without pay, for the academic year 1966-67, so that he may spend the year at the Institute for Theoretical Physics of the University of Hamburg, West Germany.
- JACKSON, DAVID M., Associate Dean of the College of Education and Professor of Educational Administration and Supervision (Urbana) — leave of absence, without pay, for one year beginning September 1, 1966, so that he may serve as the President and Project Director of the Cooperative Educational Research Laboratory, Incorporated, being established by the United States Office of Education.
- LAVRIN, DAVID H., Assistant Professor of Microbiology in the College of Medicine — leave of absence, without pay, for one month beginning August 1, 1966,

- so that he may accept an invitation to visit and study in the Chester Beatty Cancer Research Institute in London, England.
- LIEBERTHAL, MILFRED, Associate Professor of Labor and Industrial Relations and in the Division of University Extension (Urbana) — extension of leave of absence, without pay, through August 31, 1967, so that he may continue his work under the Adult Education Program in the United States Office of Education.
- SCHOUSBOE, INGVAR, Professor of Architectural Engineering (Urbana) — leave of absence, without pay, for the academic year 1966-67, so that he may accept the presidency of C. A. Metz Engineers, Inc., of Chicago.
- SLANKER, MRS. BARBARA O., Research Associate in the Library Research Center, Graduate School of Library Science (Urbana) — leave of absence, without pay, for one year beginning September 1, 1966, so that she may study and do research for her doctor's degree in the Graduate School of Library Science at the University of Illinois.
- SOUDER, MARJORIE A., Assistant Professor of Physical Education for Women in the College of Physical Education, and Counselor in Teacher Education, in the Council on Teacher Education, Teacher Training Counseling, College of Education (Urbana) — leave of absence, without pay, for the academic year 1966-67, so that she may study for her doctor's degree at the University of Wisconsin.
- TRAVERS, KENNETH J., Assistant Professor of Secondary and Continuing Education (Urbana) — leave of absence, without pay, for the academic year 1966-67, so that he may participate in the Stanford University postdoctoral program for training research workers in education.
- UCHIYAMA-CAMPBELL, MRS. FUMIYO, Research Associate in Computer Science in the Graduate College (Urbana) — leave of absence, without pay, for one month beginning August 1, 1966.
- WALTON, CONSTANCE R., Instructor in Audiology in the Department of Otolaryngology in the College of Medicine — leave of absence, without pay, for two months beginning July 1, 1966.

MR. ROBERT E. MERRIAM

President Clement announced that Mr. Robert E. Merriam, President of University Patents, Inc., has been invited to be a guest at luncheon today and to discuss with the Trustees in conference this afternoon the operations of University Patents, Inc.

RECESS AND EXECUTIVE SESSION

President Clement announced that an executive session has been requested and was being ordered for consideration of property acquisitions and that this session will be held after the luncheon recess.

On motion of Mr. Hughes, the Board recessed.

When the Board reconvened, the same members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes, except Mr. Ray Page who asked to be excused because of another engagement he had in the afternoon.

The Board considered the following recommendations from the President of the University.

PURCHASE OF PROPERTY AT 1001 WEST ILLINOIS STREET, URBANA

(40) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University of Illinois Foundation be requested to purchase the property at 1001 West Illinois Street, Urbana, Illinois, at a price of \$53,500 and lease the property to the University at a rental sufficient to pay the interest costs on a loan to the Foundation to finance acquisition of the property. It consists of a lot 65 feet by 150 feet and is improved with a three-story and basement frame rooming house with a capacity of thirty-one men. The property will be razed and the area will be used as a temporary parking lot.

I concur.

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

PURCHASE OF 908 SOUTH FIFTH STREET, CHAMPAIGN

(41) The University of Illinois Foundation has purchased the property at 908 South Fifth Street, Champaign, east of Stuart Pratt Sherman Hall at Fifth and Chalmers Streets, for use as part of a site for parking facilities for the residence halls. The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University acquire this property from the University of Illinois Foundation at the original purchase price of \$46,500, plus interest charges on a bank loan to finance the initial acquisition of the property.

Funds are available in the proceeds from the sale of revenue bonds for the construction of this Graduate Student Residence Hall.

I concur.

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

PURCHASE OF PROPERTY AT 909 WEST NEVADA STREET, URBANA

(42) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees request the University of Illinois Foundation to purchase the property at 909 West Nevada Street, Urbana, at a price of \$40,000 and lease the property to the University at a rental sufficient to pay the interest costs on a loan to the Foundation to finance acquisition of the property. It consists of a lot 56.5 feet by 120 feet and is improved with a two-story and basement frame dwelling. The property will be used for academic offices.

I concur.

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

**PURCHASE OF PROPERTY AT 1111 WEST
STOUGHTON STREET, URBANA**

(43) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees request the University of Illinois Foundation to purchase the property at 1111 West Stoughton Street, Urbana, at a price of \$19,500 and lease the property to the University at a rental sufficient to pay the interest costs on a loan to the Foundation to finance acquisition of the property. It consists of a corner lot 66 feet by 60 feet and is improved with a two-story and basement frame building. The improvements on this property will be demolished, and the area will be used for parking.

I concur.

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

PURCHASE OF PROPERTY AT 904 WEST OREGON STREET, URBANA

(44) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees request the University of Illinois Foundation to purchase the property at 904 West Oregon Street, Urbana, at a price of \$40,000 and lease the property to the University at a rental sufficient to pay the interest costs on a loan to the Foundation to finance acquisition of the property. It consists of a lot 65 feet by 112 feet and is improved with a two-story and basement

frame dwelling converted to a Sunday School building. This property is in the area of future expansion east of the Krannert Center for the Performing Arts.

I concur.

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

**ACQUISITION OF PROPERTY AT 407 EAST
DANIEL STREET, CHAMPAIGN**

(45) The University has been negotiating with the owners of the property at 407 East Daniel Street, Champaign, required as a parking area for Stuart Pratt Sherman Hall at Fifth and Chalmers Streets.

The owners have been advised that a recommendation would be submitted to the Board of Trustees for the purchase of their property at a price of \$55,000 based on University appraisals, but this price is not acceptable to them. Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of acquisition of the property at 407 East Daniel Street, Champaign, through condemnation proceedings; and they further request authorization of settlement of the condemnation suit if such settlement can be agreed upon at a price that is within the appraisals received by the University.

Funds are available in the proceeds from the sale of revenue bonds to finance construction of this residence hall for graduate students.

I concur and recommend adoption of the following resolution.

**Resolution Authorizing Condemnation of Property Located
at 407 East Daniel Street, Champaign, Illinois**

Be It, and It Hereby Is Resolved, Found and Declared by The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

Lot Three (3) in Block Three (3) of A. T. Hall's Replat of Lots 5, 6, 7 and 8 in Block 1; Lots 5, 6, 7, and 8 in Block 2 and Lots 1, 2, 3, 5, 6, and 7 and 8 in Block 3 of A. T. Hall's Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign, and State of Illinois; and The East 44.5 feet of Lot One (1) of a Replat of Lots 6, 7, 8 and 12 of Block 3, Replat of Lots 5, 6, 7, and 8 Block 1, Lots 5, 6, 7 and 8 of Block 2 and Lots 5, 6, 7 and 8 of Block 3, of A. T. Hall's Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign, and State of Illinois,

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, for a vehicular parking area for students and staff members of the University of Illinois in the conduct of the educational functions of the University of Illinois and for other educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use, that funds are available to the University for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owners of said land through their duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owners have refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price and continue to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owners of said property and they and it are unable to agree upon the purchase price to be paid

to said owners for the sale and conveyance of said land by said owners thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owners thereof for such land cannot be agreed upon between them and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owners thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Dilliard, the foregoing resolution was adopted, and authority was given as requested, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Swain.

PURCHASE OF PROPERTY AT 912 WEST ILLINOIS STREET AND 911 WEST HIGH STREET, URBANA

(46) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University of Illinois Foundation be requested to purchase the property at 912 West Illinois Street and 911 West High Street, Urbana, at a price of \$120,000 and lease the property to the University at a rental sufficient to pay the interest on a bank loan to finance purchase of the property.

The property is adjacent to and east of the Illinois Street Residence Halls. It is improved with a two-story and basement brick thirteen-unit apartment building and a two-story and basement frame dwelling. The lot size is 76.2 feet by 219 feet (16,687 square feet).

I concur.

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

ACQUISITION OF PROPERTY AT 808 SOUTH FIFTH STREET, CHAMPAIGN

(47) The University has been negotiating with the owner for purchase of the property at 808 South Fifth Street, Champaign, Illinois, required for expansion of parking facilities in the central area west of the campus. The property consists of a lot 57 feet by 49.5 feet (2,821.5 square feet) and is improved with a two and one-half story and basement frame building used for apartments and rooms. The owner has been advised that a recommendation would be submitted to the Board of Trustees for the purchase of this property at a price of \$28,500 based on University appraisals, but this price is not acceptable. The owner is asking \$42,000.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend authorization for the acquisition of the property at 808

South Fifth Street, Champaign, Illinois, through condemnation proceedings; and further request authorization of settlement of the condemnation suit if such settlement can be effected at a price that is within the appraisals received by the University.

I concur and request the adoption of the following resolution.

**Resolution Authorizing Condemnation of Property Located
at 808 South Fifth Street, Champaign, Illinois**

Be It, and It Hereby Is Resolved, Found and Declared by The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

The North Fifty-seven (57) Feet of Lot Six (6) in Block Fourteen (14) of Assessor's Subdivision of Blocks Ten (10), Eleven (11) and Fourteen (14) of J. S. Wright's Addition to Champaign, situated in the City of Champaign, in the County of Champaign, and State of Illinois,

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, for a vehicular parking area for students and staff members of the University of Illinois in the conduct of the educational functions of the University of Illinois and for other educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use, that funds are available to the University for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owners of said land through their duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owners have refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price and continue to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owners of said property and they and it are unable to agree upon the purchase price to be paid to said owners for the sale and conveyance of said land by said owners thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owners thereof for such land cannot be agreed upon between them and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owners thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal

counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Pogue, the foregoing resolution was adopted, and authority was given as requested, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Swain.

ACQUISITION OF PROPERTY FOR PSYCHOLOGY BUILDING SITE

(48) The Board has authorized a request to the Illinois Building Authority to acquire properties needed as part of the site for the Psychology Building. All but two of the properties have been acquired, and these two are presently in condemnation proceedings instituted by the Illinois Building Authority.

A tract of ground, three inches by 87.35 feet, is not owned by any of the present owners of the property in the tract and has not been included in the negotiations. The land is owned by unknown parties, heirs of a former owner who subdivided the tract in 1907 and did not deed to the adjacent owners all of the property involved. This property is located north of 904 South Sixth Street.

In order to provide a complete site for the Psychology Building, it is necessary that this property be acquired, and the only feasible method of acquisition is through condemnation proceedings against the unknown heirs of the last grantor. The Director of the Physical Plant Department and the Vice-President and Comptroller recommend that the Board authorize the acquisition of this property through eminent domain and condemnation proceedings.

I concur.

Resolution Authorizing Condemnation of Property in Champaign, Illinois

Be It, and It Hereby Is Resolved, Found and Declared by The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

The North Twenty-five Hundredths (.25) feet of the South One Hundred and Twenty-five Hundredths (100.25) feet of Lot Four (4) in Block One (1) of

A. T. Hall's Addition to the City of Champaign, in Champaign County, Illinois is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, as a part of the site for a Psychology Building in the conduct of the educational functions of the University of Illinois and for other educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use, that funds are available to the University for the purchase of said land for said educational purposes; and the residences of the record owners of said land are unknown, and the names and residences of others who may be owners or otherwise interested therein are unknown, and cannot be ascertained; and

Therefore, Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that by reason of the foregoing it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owners thereof and any and all persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of

the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

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

**REQUEST TO THE ILLINOIS BUILDING AUTHORITY TO PURCHASE
PROPERTY AT 1302 WEST MAIN STREET, URBANA**

(49) The Board of Trustees has authorized a request to the Illinois Building Authority to acquire by condemnation proceedings the property at 1302 West Main Street, Urbana, Illinois, needed as part of the site for the Civil Engineering Building, Phase II. Subsequent negotiations with the owners have resulted in agreement to a price of \$25,825, which is within appraisals. Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the Illinois Building Authority be requested to purchase the property at this price.

I concur and recommend adoption of the following resolution.

**Resolution Requesting Acquisition of Property at 1302 West Main Street,
Urbana, Illinois, by Illinois Building Authority**

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority, a body corporate and politic of the State of Illinois, duly organized and existing pursuant to "An Act to Create the Illinois Building Authority and to define its powers and duties" approved August 15, 1961, as amended, be, and hereby is requested to acquire for this public corporation in accordance with the Illinois Building Authority Act, the property at 1302 West Main Street, Urbana, Illinois described as follows:

Lot Ten (10) in Block Forty-two (42) in the Seminary Addition to Urbana, situated in the City of Urbana in the County of Champaign, and State of Illinois

at a purchase price of Twenty-five Thousand Eight Hundred and Twenty-five Dollars (\$25,825.00) and with title to be conveyed and possession delivered to the Illinois Building Authority not later than January 1, 1967.

Be It, and It Hereby Is Further Resolved that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized and directed, to execute in the name of, and on behalf of, this public corporation such lease agreement or other document or documents, and to secure and submit appraisals and such other documentation, as they may deem to be necessary or desirable in order to effectuate such conveyance of title to the Illinois Building Authority and to secure to this public corporation the beneficial use of said property.

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

On motion of Mr. Johnston, the Board adjourned.

A. J. JANATA
Secretary

HOWARD W. CLEMENT
President

BOARD COMMITTEE MEETINGS

Work sessions of the Committees on General Policy, Buildings and Grounds, and Finance were held in the afternoon, following adjournment of the Board.