

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

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**July 18, 1962**



The July meeting of The Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, July 18, 1962, beginning at 10:00 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Judge Richard A. Harewood, 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, Professor Norman A. Parker, Vice-President, Chicago Undergraduate Division, Dr. Joseph S. Begando, Vice-President, University of Illinois at the Medical Center, Chicago, Mr. C. C. Caveny, Assistant to the President, Chicago Office, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. James J. Costello, Legal Counsel, Mr. V. L. Kretschmer, Director of Auxiliary Services, Mr. Harry W. Pearce, Associate Director of the Physical Plant, Chicago Undergraduate Division, Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and the officers of the Board, Mr. C. W. Weldon, Treasurer, 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 19, 1961, and January 11, 1962, press proof copies of which had previously been sent to the Board.

On motion of Mrs. Watkins, the minutes were approved as printed on pages 1215 to 1274, 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 ON SELECTED TOPICS**

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>
ALFRED WILLIAM BRIEL	Evansville, Indiana	Indiana
RUFUS CARSON COX, JR.	Wilmette, Illinois	Ohio
JOSEPH J. GREENBERG	Skokie, Illinois	District of Columbia
FRANCIS XAVIER KUHN	Elk Grove Village, Illinois	District of Columbia
ALBERT ALLEN POLLANS	Chicago, Illinois	Florida

I concur.

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

**APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY**

(2) The Committee on Accountancy recommends the appointment of Harry I. Grossman, Resident Partner of Altschuler, Melvin, and Glasser, Certified Public Accountants, Chicago, to the Board of Examiners in Accountancy for a three-year term beginning July 1, 1962, to succeed Mr. William Deeming whose term expired on June 30, 1962.

I concur.

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

**APPOINTMENTS TO THE FACULTY**

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

1. DENNIS AIGNER, Assistant Professor of Economics, beginning September 1, 1962, at an annual salary of \$8,250 (D).
2. JOHN J. ALDERSON, Consultant in the Jane Addams Graduate School of Social Work with rank of Assistant Professor, beginning September 1, 1962, at an annual salary of \$8,400 (D).
3. ARTHUR BOLZ, Assistant Professor of Hygiene and Staff Physician in the Health Center and McKinley Hospital, beginning September 1, 1962, at an annual salary of \$12,600 (BY).
4. S. A. BOWHILL, Professor of Electrical Engineering, beginning September 1, 1962, at an annual salary of \$14,000 (A).

5. SAMUEL G. CARMER, Assistant Professor of Agronomy, beginning July 1, 1962, at an annual salary of \$8,700 (DY).
6. CHARLES S. CHIHARA, Assistant Professor of Philosophy, beginning September 1, 1962, at an annual salary of \$7,300 (B).
7. MARY CLAIRE GRIFFIN, Associate Professor of Business Education, beginning September 1, 1962, at an annual salary of \$9,000 (D).
8. TEDDY R. JACKSON, Assistant Professor of Speech, Division of Humanities, Chicago Undergraduate Division, beginning September 1, 1962, at an annual salary of \$8,000 (B).
9. DANIEL KASTLER, Visiting Professor of Physics, for the academic year 1962-63, at a salary of \$11,000 (E).
10. HENRY J. LIPKIN, Visiting Professor of Physics, for the academic year 1962-63, at a salary of \$10,000 (E).
11. BERNARD M. NEFKENS, Research Assistant Professor of Physics, beginning September 1, 1962, at an annual salary of \$9,200 (DY).
12. AGNAR NYGAARD, Visiting Professor in the School of Life Sciences, beginning September 1, 1962, at an annual salary of \$12,000 (D).
13. R. NORMAN PEACOCK, Assistant Professor of Physics and in the Coordinated Science Laboratory, beginning June 1, 1962, at an annual salary of \$11,000 (DY).
14. EDWARD G. PERKINS, Assistant Professor of Food Technology, for two months from July 1, 1962, on eight-tenths time, at a salary of \$1,334; from September 1, 1962, on full time, at the annual salary of \$10,000 (DY80; DY).
15. BURT W. PHILLIPS, Assistant Professor of Psychiatry, College of Medicine, beginning July 1, 1962, on eight-tenths time, at an annual salary of \$11,500 (DY80).
16. MRS. JOSEPHINE PHILLIPS, Visiting Research Assistant Professor at University High School, beginning September 1, 1962, on three-fourths time, at an annual salary of \$7,500 (D75).
17. ALFRED G. REDFIELD, George A. Miller Visiting Professor of Physics, from October 1 to 31, 1962, at a salary of \$2,500 (G).
18. GEORGE A. RUSSELL, Associate Professor of Physics, beginning September 1, 1962, at an annual salary of \$13,500 (A).
19. WILLIAM R. SCHWARZ, Assistant Professor of Medical Illustration, Department of Illustration Studios, at the Medical Center, beginning September 1, 1962, at an annual salary of \$9,000 (BY).
20. THOMAS L. SWIHART, Assistant Professor of Astronomy, beginning September 1, 1962, at an annual salary of \$9,000 (B).
21. ROBERT E. THOMAS, Associate Professor of Music, Division of University Extension, beginning September 1, 1962, at an annual salary of \$9,000 (D).
22. JAMES A. TWEEDIE, Assistant Professor of Obstetrics and Gynecology, beginning August 1, 1962, at an annual salary of \$12,500 (DY).
23. CHARLES R. YOUNG, Assistant Professor of Hygiene and Psychiatrist in the Health Center, beginning September 1, 1962, at an annual salary of \$14,300 (DY).

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

#### SABBATICAL LEAVE OF ABSENCE

(4) The Head of the Department of Physiology and the Dean of the College of Medicine recommend, and I concur, that Dr. Ruven Greenberg, Associate Professor in that Department, be granted sabbatical leave of absence on full pay from January 15 to July 15, 1963. Application for this leave was received some time ago but administrative action was deferred pending receipt of additional information needed for adequate appraisal of his program of study and research.

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

#### APPOINTMENTS TO THE STAFF OF THE CENTER FOR ZOONOSIS RESEARCH

(5) The Dean of the College of Veterinary Medicine and Director of the Illinois Center for Zoonoses Research recommends the following appointments to the staff of the Center:

*Senior Member*

MARK H. LEPPER, M.D., Professor of Preventive Medicine, and Head of the Department, College of Medicine, indefinite tenure.

The Dean of the College of Medicine concurs.

*Associate Member*

RICHARD WARWICK ARMSTRONG, Research Assistant in Physiology, University of Illinois, two years. Mr. Armstrong has been employed as a Research Assistant under a grant from the National Cancer Institute for work on the ecology of cancer under the supervision of Dr. Frederick Sargent II, a Senior Member of the Center for Zoonoses Research. Mr. Armstrong is also doing graduate work and will receive the Doctor of Philosophy degree in August, 1963. His appointment is approved by the Dean of the College of Liberal Arts and Sciences.

*Consultants*

BERNARD B. BERGER, Chief, Research Branch, Division of Water Supply and Pollution Control, Public Health Service, Department of Health, Education, and Welfare, Cincinnati, Ohio, two years.

LEIGHTON EGGERTSEN CLUFF, Associate Professor, Johns Hopkins University College of Medicine, two years.

I concur.

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

**ADVISORY COUNCIL OF LIBRARIANS**

(6) The Dean of Library Administration recommends establishment of an Advisory Council of Librarians for the Graduate School of Library Science. The Council would be made up of leaders in the profession in the state of Illinois and representatives of major types of libraries. Membership would include representatives of each of the four major types of libraries (college and university, school, public, and specialized libraries) with two ex-officio members, including the Assistant State Librarian and the President of the Illinois Library Association. Representatives of libraries would serve for varying terms.

The faculty of the School supports this recommendation. The following nominations are submitted, effective September 1, 1962:

*Public Libraries*

WILLIAM W. BRYAN, Librarian, Peoria Public Library, Peoria, three years

GRACE W. GILMAN, Librarian, Lincoln Library, Springfield, two years

*College and University Libraries*

VICTORIA HARGRAVE, Librarian, MacMurray College, Jacksonville, two years

DR. ROBERT R. HERTEL, Director of Libraries, Illinois State Normal University, three years

*School Libraries*

MRS. IMOGENE BOOK, Librarian, High School and Junior College, Mt. Vernon, two years

ELEANOR YOUNGMIRE, Supervisor, Oak Park Elementary Schools, three years

*Special Libraries*

WILLIAM S. BUDINGTON, Assistant Librarian, John Crerar Library, Chicago, two years

AGNES C. HENEBRY, Librarian, *Decatur Herald and Review*, three years

*Ex-Officio Members*

DE LAFAYETTE REID, Assistant State Librarian, Springfield

WILLIAM W. BRYAN, Librarian, Peoria Public Library, Peoria

President-elect, Illinois Library Association (while Mr. Bryan is being named in two capacities, his term as President of the Illinois Library Association will be for one year).

I concur.

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

**ADVISORY COMMITTEES FOR COLLEGE OF AGRICULTURE**

(7) The Dean of the College of Agriculture recommends the following appointments and reappointments to advisory committees for the College of Agriculture and the Agricultural Experiment Station effective September 1, 1962, for three-year terms:

*Agricultural Economics*

HAROLD COUNCIL, Princeton

*Agricultural Engineering*

LEROY BARNES, Assistant Chief Engineer, Oliver Corporation, 714 North Chestnut, Shelbyville

RICHARD E. REEVES, Vice-President in charge of Engineering, Decatur Pump Company, 2750 Nelson Park Road, Decatur

*Agronomy*

JOSEPH B. MOUNTJOY, Mountjoy Hybrid Corn Company, Atlanta

JOHN F. RUNDQUIST, Butler

*Animal Science*

LLOYD HANNA, Roseann Farms, Farmersville (Manager, Gietl Bros., Springfield)

HENRY A. LONGMEYER, Greenfield

*Dairy Science*

HOMER CURTISS, Stockton

*Forestry*

W. A. GULLICKSEN, President, Churchill Cabinet Company, 2119 Churchill Street, Chicago 47

M. J. KISER, Alvin

K. STARR CHESTER, Technical Adviser, Alton Box Board Company, P. O. Box 276, Alton

*Horticulture (Food Crops)*

JOHN DEJONG, 18160 Paxton, Lansing

VICTOR ECKMAN, 3600 Fairmont Avenue, Collinsville

WAYNE ROBBINS, Campbell Soup Company, West Chicago

*Horticulture (Floriculture, Ornamentals)*

JOHN C. FIORE, Charles Fiore Nurseries, Route 22, Prairie View

The Dean of the College of Agriculture further recommends the following reappointments to the general committee for two years as members at large:

JOSEPH ACKERMAN, Managing Director, Farm Foundation, 600 South Michigan Avenue, Chicago 5

PAUL C. JOHNSON, Editor, *Prairie Farmer*, 1230 West Washington Boulevard, Chicago 7

I concur.

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

**DR. HARTWELL C. HOWARD SCHOLARSHIPS**

(8) As reported to the Board of Trustees on February 21, 1962, the University has received a bequest from the late Dr. Charles P. Howard of Champaign of approximately \$194,000 as an endowment to establish the Dr. Hartwell C. Howard Memorial Fund, the income to be used to aid premedical and predoctoral students. The amount of income now available for such student aid during the academic year 1962-63 is approximately \$2,000; and it is estimated that the endowment will produce at least \$5,000 each year thereafter.

It is recommended that the following rules be established for the administration of awards:

1. All the available income shall be used for undergraduate scholarships for premedical and predoctoral students.
2. Such scholarships shall be awarded by the University Committee on Undergraduate Scholarships on nomination of the premedical committees advisory to premedical and predoctoral students at Urbana-Champaign and at the Chicago Undergraduate Division.

3. The award shall be on the basis of financial aid and scholastic standing and following the same criteria applicable to awards of other undergraduate scholarships.

On motion of Mr. Johnston, these regulations were adopted.

#### ADMISSIONS REQUIREMENTS AND PROCEDURES

- (9) The three University Senates have approved the following recommendations from the All-University Committee on Admissions.

##### *Admission of High School Seniors in the Top Quarter of Their Classes*

The Dean of Admissions and Records is authorized to consider for admission high school seniors in the top quarter of their classes who apply for admission to sessions beginning in June, 1964, and thereafter, on the basis of official documents from their high schools and other secondary schools, viz: a statement of six semesters of completed high school work, a statement of the courses to be taken in the last two semesters, the date of probable graduation, and an estimate of the applicant's scholastic rank in his class.

##### *Admission of Foreign Students*

The Office of Admissions and Records is authorized to decide which student shall be classified as "foreign" according to the following definition:

A person who is a citizen or permanent resident alien of a country or political area other than the United States and has a residence outside the United States to which he expects to return and either is, or proposes to be, a temporary alien in the United States for educational purposes shall be classified as a foreign student.

An alien who has permanent resident (immigrant) status in the United States and has received such classification for convenience only and maintains a residence outside the United States which he has no intention of abandoning shall be classified as a foreign student upon receipt of valid evidence (notarized certificate) from the permanent resident alien attesting to these facts.

The test given by the English Language Institute, Testing and Certification Division, Ann Arbor, Michigan, shall be required of all foreign students, including transfers, who file applications for admission after September 1, 1962, except foreign students who are citizens of a country where the native language is English, or who have degrees from colleges or universities in countries where English is the native language and where all instruction was in English. A score on that examination will be received by the University of Illinois before action is taken on the student's request for admission. All prospective foreign students who receive a score below the minimum score of acceptance on the test will not be admitted to the University. The Dean of Admissions and Records may, however, upon recommendation of the college concerned, waive the requirement of test if evidence presented by the applicant clearly justifies such action.

The Senate Coordinating Council has considered these actions and has advised that they are ready for presentation to the Board of Trustees.

I concur in the recommendations.

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

#### REVISIONS IN CURRICULA

##### College of Agriculture

- (10) The Urbana-Champaign Senate has recommended revisions in the core curriculum in agriculture and the various majors related thereto, and in the agricultural science curriculum, effective September, 1962.

##### *Core Curriculum*

The core curriculum provides for a common program for the first two years of the undergraduate curricula in agriculture, with the exception of certain specialized curricula. All students in agriculture, except those in agricultural science, dairy technology, floriculture and ornamental horticulture, food technology, forestry, home economics, horticultural food crops, and restaurant management, pursue the same general core program for the first two years.

1. Addition of Agronomy 101, Introductory Soils, four hours, to the list of

Group I courses in agriculture from which all students in the core curriculum must complete fifteen hours.

2. Reduction of minimum required hours of agricultural courses from fifty to forty hours for all majors in the core curriculum except the major in general agriculture. The fifty-hour agriculture requirement for this major remains in effect because of its broad general nature. The reduction of ten hours in agriculture courses in the other majors will permit greater flexibility for the student and his adviser in designing programs to fit individual needs. The ten hours may be used for additional work in general education, supporting basic sciences, or other open electives.
3. Minor revisions in the majors in dairy science and agricultural mechanization:

#### MAJOR IN DAIRY SCIENCE

Instead of requiring specific courses in agriculture, the revised major requires fifteen hours selected from Group I courses in agriculture, fifteen hours selected from a group of advanced-level (200 or 300) courses in agriculture, and ten hours of additional advanced-level elective courses in agriculture. This choice of courses is desirable to provide an opportunity for the student to emphasize subject-matter areas of dairy science, such as nutrition, physiology, genetics, or management.

The requirement in science and supporting courses, in addition to the core requirement, is increased from six to nine hours.

The minimum requirement in agricultural hours is reduced from fifty to forty hours. See 2 above.

#### MAJOR IN AGRICULTURAL MECHANIZATION

A reduction of the minimum requirement of agriculture courses from fifty to forty hours. See 2 above.

An increase in the physical science requirement by seven hours. Mathematics 114, Trigonometry, and Physics 101, General Physics, have been added as requirements. An option is also provided for the student to take Chemistry 132 or 133, Elementary Organic Chemistry, or Physics 102, General Physics. This increased emphasis in the physical sciences will enable agricultural mechanization majors to better meet future changes in agriculture through stronger basic training.

An increase in the requirement of courses in the areas of business and communications from fifteen hours to eighteen hours. The majority of the graduates of this major enter businesses that are closely allied to agriculture. Therefore, training in business organization, operation, management, marketing and communications is essential.

#### *Agricultural Science Curriculum*

The required hours of agricultural courses for graduation in this curriculum is reduced from thirty-five to thirty with a minimum of fifteen of the thirty hours in courses at the junior-senior level.

This curriculum is designed for students who plan to do graduate work in certain fields or engage in professional work requiring more science, mathematics, or engineering than included in the core curriculum. The curriculum provides an opportunity for individually planned programs of study under the supervision of faculty advisers. The reduction of five hours in required agricultural courses will allow an increase of five hours in open electives, giving the student the opportunity to use these electives to strengthen his program of basic science or supporting courses.

Adding the requirement of a minimum of fifteen hours of advanced level courses in agriculture will strengthen the program.

Entering freshmen must rank in the upper half of their high school graduating classes; and must maintain a 3.5 scholastic average to remain in and graduate from the curriculum.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

#### **College of Commerce and Business Administration**

The Urbana-Champaign Senate recommends two major changes in the general curriculum in the College of Commerce and Business Administration required of all students in the college, except those majoring in teacher education. The changes

include an increase in the amount of time spent on general education and an increase in the number of hours required for graduation from 126 to 132 hours, excluding the general University requirements of military training and physical education. The new requirements will become effective for students enrolling after June 1, 1964.

<i>Additions</i>	<i>Hours</i>
Electives in Economics.....	3
Electives in Humanities and Social Science.....	8
Mathematics (beyond College Algebra).....	7
Logic.....	3
Economic Analysis (advanced).....	3
Business Statistics .....	3
<i>Total Additions</i> .....	<u>27</u>

<i>Deletions</i>	<i>Hours</i>
Any one of: Economics 136, American Economic History; Economics 138, European Economic History; Geography 105, Introductory Economic Geography; History 101, Ideas and Institutions in the Western World.....	3
Mathematics 111 or 112, College Algebra.....	3
Science or Advanced Mathematics Electives.....	4
Field of Concentration and Free Electives.....	<u>11</u>
<i>Total Deletions</i> .....	<u>21</u>

The Senate Coordinating Council has reported that this revision has been cleared with representatives of the Chicago Undergraduate Division Senate.

### College of Education

The Urbana-Champaign Senate has recommended revisions in the industrial education curricula and in the curriculum preparatory to teaching mentally handicapped children, effective September 1, 1962.

#### *Industrial Education Curricula*

There are three optional curricula available to students interested in majoring in industrial education.

OPTION I—designed primarily to prepare instructors of industrial arts.

1. Delete Mathematics 117, Combined Freshman Mathematics (Algebra and Trigonometry); substitute Mathematics 112, College Algebra, and Mathematics 114, Trigonometry, wherever they do not already appear as an alternate choice. This involves no change in the semester-hour requirement in mathematics.
2. Substitute Education 240, Principles of American Secondary Education, two hours, for the more specialized course, Industrial Education 381, Principles of Vocational Education, three hours, and increase the free electives by one hour. Total hours required for graduation remain the same.
3. Delete Agricultural Engineering 142, Gas Engines and Tractors, from the suggested electives.

OPTION II—designed to prepare vocational-industrial instructors.

1. Same as No. 1 in Option I.
2. Delete Journalism 204, Typography, two hours, as a requirement; add Industrial Education 384, General Shop Program, four hours, as a requirement, and decrease the number of electives required by two hours. Total hours for graduation remain the same.
3. Delete Industrial Education 186, Automotive Maintenance, three hours, and add Industrial Education 383, Development, Organization, and Principles of Industrial Education, three hours.

OPTION III—designed to prepare personnel for employment in training departments maintained by industrial plants.

1. Same as No. 1 in Options I and II.
2. Substitute Sociology 218, Technology and Social Change, three hours, for Sociology 318, Human Relations in Industry, three hours.



3. Delete the requirements of three hours of electives and add Industrial Education 383, Development, Organization, and Principles of Industrial Education, three hours.

### *Curriculum Preparatory to Teaching Mentally Handicapped Children*

#### FIRST YEAR

Increase the range of alternatives which students can choose, i.e., if a student does not take Division of General Studies 131, Biological Science, he may take any two of the following: Physiology 103, 104, 105, 106; Botany 100; or Zoology 104 — all of these being elementary courses in these fields.

Psychology 100, Introduction of Psychology, moved to the second semester of the first year in order to provide more time in the second semester of the curriculum.

#### SECOND YEAR

Education 117, Exceptional Children, moved from third year to the second year.

Education 201, Foundations of American Education, added to meet the requirement of the elementary education curriculum and is a substitute for Education 101, The Nature of the Teaching Profession.

#### THIRD YEAR

Add Music 240, Music for Elementary Teachers.

Substitute Education 233, Classroom Programs in Childhood Education, for Education 230, Principles of Elementary Education.

Add Mathematics 202, Mathematics for Elementary Teachers.

Substitute Psychology 250, Psychology of Personality, for Education 237, Child Development for Elementary Teachers.

Add Psychology 216, Child Psychology, as an alternative to Education 236, Child Development for Elementary Teachers.

Delete Education 218, Remedial Reading in the Elementary School.

Move Education 324, Mental and Educational Measurement of Exceptional Children, from the third year to the fourth year.

With the revisions recommended the curriculum will qualify graduates to teach in classes for normal children in elementary schools and in classes for educable mentally retarded children in elementary and secondary schools. The revisions do not affect the number of hours required for graduation.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

### **College of Fine and Applied Arts**

The Urbana-Champaign Senate has recommended revisions in the crafts option curriculum in the Department of Art and in the music composition curriculum, effective September 1, 1962.

#### *Crafts Option in the Department of Art*

Substitute Art 290, Ceramic Raw Materials, and Art 291, Glaze Calculation, in the third-year requirements in the ceramic emphasis of the curriculum for Ceramic Engineering 101, Introduction, and Ceramic Engineering 102, Processes.

Substitute Art 125-126, Life Drawing, Art 141-142, Still Life Painting, and Division of General Studies 142, Physical Science, in the second-year requirements in the ceramic emphasis of the curriculum for Mathematics 111 or 112, Algebra, Mathematics 114, Trigonometry, and Chemistry 101, General Chemistry.

Eliminate in both the ceramic and metal emphasis of the curriculum the third-year requirements of Art 190 and 191, Recreational Crafts, and incorporate changes to permit the election of Home Economics 337, Textile Design, or additional art electives.

Increase the humanities requirement from five to six hours and reduce the total art electives by one hour in the metal emphasis of the curriculum.

#### *Music Composition Curriculum*

Reduce Music 106, Composition, from four to two hours each semester. Music 106 is required each semester for the first two years.

Reduce Music 102, 103, and 104, Theory, from four-hour courses to three-hour courses; Music 101, Theory, is now a three-hour course. Add Music 107,

108, and 109, Ear Training and Sight Singing, one hour each. Composition majors will take Music 101 in the first semester, 102 and 107 in the second semester, 103 and 108 in the third semester, and 104 and 109 in the fourth semester.

Reduce applied music requirement from twenty-four to sixteen hours.

Reduce music history requirement in the junior and senior years from twelve to six hours by selecting six hours from Music 310, 311, 312, and 313 rather than requiring all four of them as is now the case.

Add Music 315, Contemporary Music, two hours, to the requirements for graduation.

These changes increase the number of electives by five hours, from 20-22 to 25-27.

The electives must include at least sixteen hours in humanities, social sciences, or natural sciences, in addition to the prescribed curriculum.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

### College of Liberal Arts and Sciences

#### *Curriculum Preparatory to the Teaching of English*

The Urbana-Champaign Senate recommends revisions in the curriculum leading to the Degree of Master of Arts in the Teaching of English and recommends an optional curriculum for graduate students whose undergraduate work was not in a teacher-preparation program but who wish to do graduate work in the teaching of English at the secondary school level.

#### REVISIONS IN CURRICULUM FOR STUDENTS WITH TEACHER'S CERTIFICATES

##### *First Semester*

*Units*

Delete one unit of electives.

Specify the following courses:

English 445, Introduction to Advanced Graduate Study.....	1/4
English 387, The Structure of English, or, Rhetoric 480, The Theory and Practice of English Composition.....	1/2 to 3/4

##### *Second Semester*

Delete one unit of electives.

Specify the following courses:

English 446, Introduction to Advanced Graduate Study.....	1/4
English 447, Background Materials for High School Teachers of English, or, Education 456, Curriculum Problems and Trends in Specialized Fields of Secondary Education .....	1

At least one course in English must be selected from courses numbered 450 to 490, problems courses for advanced graduate students..... 2

Candidates for the degree of Master of Arts in the Teaching of English are required to pass a final examination in the field of English and deposit a special term paper with the Executive Secretary of the Department.

#### OPTION FOR STUDENTS WITHOUT TEACHER'S CERTIFICATES

Each candidate for this degree should apply for admission to advanced standing in teacher education with the adviser of the program at the time of his first registration.

*Units*

English 445, Introduction to Advanced Graduate Study.....	1/4
English 446, Introduction to Advanced Graduate Study.....	1/4
English 387, The Structure of English, or, Rhetoric 480, The Theory and Practice of English Composition.....	1/2 to 3/4
English, at least one course must be selected from courses numbered 450 to 490, problems courses for advanced graduate students.....	4
Education 311, Psychology of Learning for Teachers.....	1/2
Education 312, Mental Hygiene and the School.....	1/2
Two of the following courses.....	1
Education 301, Philosophy of Education.....	1/2
Education 302, History of American Education.....	1/2
Education 303, Comparative Education.....	1/2
Education 304, Social Foundations of Education.....	1/2
<b>Total.....</b>	<b>at least 8</b>

Education 241, Technic of Teaching in the Secondary School (to be taken without graduate credit)

Education 242, Educational Practice in Secondary Education (to be taken without graduate credit)

Candidates for the degree of Master of Arts in the Teaching of English must also pass a final examination required of all master's candidates in the field of English and deposit a special term paper with the Executive Secretary of the Department.

The Senate has advised that the changes have been approved by the University Council on Teacher Education, the Policy Committee of the College of Education, and the Executive Committee of the Graduate College. The Senate Coordinating Council has advised that no other Senate jurisdiction is involved.

#### *Prelaw Curriculum*

The Urbana-Champaign Senate recommends that the statement of graduation requirements from the prelaw curriculum be revised to read:

Students preparing for the study of law ordinarily complete the first three years of the general curriculum in liberal arts and sciences before entering the College of Law.

A student who has completed ninety hours (excluding basic military training and physical education) and who has been in residence either the first two years or the last year of his prelegal work<sup>1</sup> may count toward the Bachelor of Arts degree a maximum of thirty-two hours in the University of Illinois College of Law, subject to the restrictions on courses taken in colleges other than Liberal Arts and Sciences.

A student who has completed his first ninety hours (excluding basic military training and physical education) in residence<sup>1</sup> at the University of Illinois and who transfers to an accredited college of law other than that of the University of Illinois may count a maximum of thirty-two hours of law toward the Bachelor of Arts degree, subject to the restrictions on courses taken in colleges other than Liberal Arts and Sciences.

The applicant for the degree should petition the Dean of the College of Liberal Arts and Sciences, who may approve the granting of the degree if all the college and University requirements have been met.

The present requirements include a 3.5 average for graduation. Since the College of Law will admit students with scholastic averages below 3.5, provided that they have made acceptable scores in the Law School Admission Test, the change in the grade-point average is recommended to make the requirements in the curriculum consistent with those of the College of Law.

The other change relates to quality of work in the fourth year and is recommended so that the prelaw curriculum requirements will be consistent with those of other curricula in Liberal Arts and Sciences.

The Senate Coordinating Council advises that no other Senate jurisdiction is involved.

#### **College of Veterinary Medicine**

The Urbana-Champaign Senate has recommended a major revision in the veterinary medical curriculum, effective September 1, 1962. The changes are a result of the re-evaluation of the present curriculum, the objective of which is to offer better preparation of veterinary medical students to meet professional needs and demands following graduation. Significant changes have occurred during the past few years and are still occurring in medical and health sciences and their application. The proposed curriculum provides improved continuity of course sequences and permits consolidation and integration of subject matter materials of related areas.

#### *Courses Added*

An. Sci. 201, Animal Management, 4 credit hours, 4 clock hours

V.C.M. 342, Diseases of Small Animals, 2 credit hours, 2 clock hours

V.P.H. 322, Veterinary Bacteriology, 5 credit hours, 9 clock hours

V.P.H. 333, 343, Clinical Pathology Conference, 0 credit, 1 clock hour

<sup>1</sup> A student who does part of his prelegal work at the Chicago Undergraduate Division must complete his junior year with at least 30 semester hours in residence on the Urbana campus to satisfy this requirement.

V.P.H. 345,<sup>1</sup> Environment and Disease in Livestock Production, 2 credit hours, 2 clock hours

V.P.H. 347,<sup>1</sup> Management and Diseases of Laboratory Animals, 2 credit hours, 2 clock hours

V.P.P. 321, Physiology, 3 credit hours, 5 clock hours

V.P.P. 346, Nutritional Deficiencies, 2 credit hours, 2 clock hours

#### *Courses Dropped*

An. Sci. 103, Market Classes and Grades of Livestock, 3 credit hours, 5 clock hours

Bot. 226, Poisonous Plants, 2 credit hours, 4 clock hours

Dairy Sci. 100, Introduction to Dairy Production, 3 credit hours, 3 clock hours

Food Tech. and V.P.H. 332, Principles of Sanitation in Processing and Handling of Foods, 2 credit hours, 4 clock hours

Microbiology 200, 201, Microbiology, 5 credit hours, 9 clock hours

#### *Courses Revised*

V.A. 315, Applied Anatomy, 2 credit hours, 3 clock hours

V.C.M. 340, Veterinary Jurisprudence and Ethics, 3 credit hours, 3 clock hours

V.P.H. 323, Veterinary Microbiology and Immunology, 4 credit hours, 7 clock hours

V.P.H. 324, Protozoan and Arthropod Parasites, 3 credit hours, 5 clock hours

V.P.H. 327, Helminth Parasites, 3 credit hours, 5 clock hours

V.P.P. 323, Physiology, 3 credit hours, 6 clock hours

V.P.P. 330, Pharmacology and Toxicology, 4 credit hours, 8 clock hours

#### *Courses Changed in Sequence*

An. Sci. 110, Plant and Animal Genetics, 3 credit hours, 4 clock hours

An. Sci. 220, Feeds and Feeding, 3 credit hours, 4 clock hours

An. Sci. 304, Poultry Management, 3 credit hours, 3 clock hours

V.A. 315, Applied Anatomy, 2 credit hours, 3 clock hours

V.C.M. 339, Radiology, 2 credit hours, 3 clock hours

V.P.H. 325, General Pathology, 5 credit hours, 8 clock hours

V.P.H. 326, Special Pathology, 5 credit hours, 9 clock hours

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I concur in all the foregoing recommendations.

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

#### **DEPARTMENT OF PHYSIOLOGY AND BIOPHYSICS**

(11) The Director of the School of Life Sciences and the Dean of the College of Liberal Arts and Sciences recommend that the name of the Department of Physiology be changed to the Department of Physiology and Biophysics. I have approved this change administratively and report it for record.

This report was received for record.

#### **NATIONAL SCIENCE FOUNDATION GRANTS AND MATCHING FUNDS**

(12) The National Science Foundation has made grants to the University for remodeling of research space in the Animal Genetics Laboratory, \$14,800, and renovation and equipping laboratory facilities for research in Physiology and Biochemistry, \$10,600, on condition that they are matched by funds from non-federal sources to the extent of at least 50 per cent of the direct costs of the projects.

These grants have been accepted and it is recommended that assignments of the required matching funds be made from the following sources.

For Remodeling of Research Space in Animal Genetics Laboratory from:

Animal Science (Indirect Costs).....	\$ 4 500
Graduate Research Unassigned Funds (Indirect Costs).....	4 500
General Indirect Costs.....	6 000
Total.....	\$15 000

<sup>1</sup> Elective courses V.P.H. 345 and 347 are to be offered the second semester of the fourth year. The student is to be limited to only one elective course. V.P.P. 346 is an elective course to be offered the first semester of the fourth year.

For Renovation and Equipping Laboratory Facilities for Research in Physiology and Biochemistry from Indirect Costs (General)..... \$10 600  
I concur.

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

#### APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(13) The Committee on Nonrecurring Appropriations recommends the following appropriations and assignments of funds from the University General Reserve:

1. College of Agriculture	
Dairy Science, fluorescent lights in Animal Sciences Laboratory.....	\$ 7 304
Forestry, pressure-vacuum cylinder.....	10 000
2. College of Education, remodeling basement in Lincoln Hall for research space .....	16 000
3. College of Engineering	
Electrical Engineering, equipment.....	50 000
Engineering Experiment Station, multi-channel analyzer for nuclear engineering.....	20 000
4. College of Liberal Arts and Sciences	
Botany, research facilities.....	4 650
Chemistry	
Remodeling and rehabilitation of laboratory and other areas used by the analytical, biochemistry, inorganic, organic, and physical divisions .....	30 000
Undergraduate laboratory equipment.....	21 361
Geology, equipment and remodeling.....	7 615
Zoology, revamping water supply for Vivarium.....	4 317
5. Library Administration, 2,000 books for library at Pennsylvania Avenue Residence Halls.....	10 000
6. College of Physical Education, renovation of deck space at the English Building swimming pool for office quarters and showers.....	8 500
7. Office of Public Information, multigraph duplicating equipment.....	3 396
8. Physical Plant	
Skating Rink, roof repairs.....	3 200
Remodeling in the English Building to provide two additional classrooms.....	5 865
9. University Press, inserting machine for Mailing Center.....	15 000
10. Chicago Medical Center	
Medical Research Laboratory, installation of electronic air cleaners..	4 800
Research and Educational Hospitals, equipment (magnascanner) .....	9 600
Total.....	\$231 608

I concur.

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

#### CONTRACT FOR CAMPUS BUS SERVICE

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a contract with the Champaign-Urbana City Lines, Inc., for a campus bus service for students and staff along the lines of the bus service operated under a University contract last year. Specific recommendations are that:

Authority be granted to continue the Illi Bus operation during the 1962-63 academic year starting September 11, 1962.

The five-cent fare per passenger be continued except that those students living in Orchard Downs will be issued passes to ride free from the Downs to any point on the route; however, the passes will be honored only for a return trip

to the Downs from the corner of Nevada Street and Goodwin Avenue, or at any regular bus stop between that corner and Orchard Downs.

The University be authorized to enter into an agreement with the Champaign-Urbana City Lines, Inc., for the 1962-63 academic year based on a rate of \$5.15 per bus hour of operation (this includes use of the equipment and employment of necessary personnel to provide the desired bus service, and sufficient insurance to protect both the company and the University against liability for personal injuries or property damages arising out of the operation of this service).

The cost of operating this service will be financed as follows: fares collected from students and staff members, and \$30,000 from Housing Division Funds.

Further experimentation be authorized to improve and extend the service to all parts of the campus area and to determine the extent to which the Illi Bus service can assist in the solution of the campus parking problem.

The service be discontinued effective June 8, 1963, with the close of second semester examinations.

A report on the trial operation of Illi Bus during 1961-62 is submitted in support of the proposed continuation of the service.

I concur in these recommendations.

On motion of Mr. Johnston, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner, Mr. Swain.

#### CONTRACTS FOR REMODELING DENTISTRY-MEDICINE-PHARMACY BUILDING

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for remodeling in the first unit of the Dentistry-Medicine-Pharmacy Building for the Department of Biochemistry in the College of Medicine, the award in each case being to the lowest bidder:

General— Mutual Contracting Company, Chicago.....	\$ 35 184	
Base bid .....	\$22 782	
Additive alternates		
Service charge for supervision of other contracts assigned to general contractor.....	1 500	
Additional laboratory section.....	10 902	
Plumbing— H. P. Reger and Company, Chicago.....		11 020
Base bid .....	\$ 6 940	
Additive alternate for additional laboratory section.....	4 080	
Heating and Refrigeration— Utility Air Conditioning and Heating Company, Oak Park.....		12 455
Base bid .....	\$ 8 485	
Additive alternate for additional laboratory section.....	3 970	
Ventilating— The Robert Irsay Company, Skokie.....		22 838
Base bid .....	\$16 150	
Additive alternate for additional laboratory section.....	6 688	
Pipe Covering— Brand Insulations, Inc., Chicago.....		1 310
Base bid .....	\$ 1 195	
Additive alternate for additional laboratory section.....	115	
Electrical— Wadeford Electric Company, Chicago.....		9 386
Base bid .....	\$ 8 100	
Additive alternate for additional laboratory section.....	1 286	
Laboratory Equipment— Browne-Morse Company, Muskegon, Michigan .....		45 405
Base bid .....	\$34 578	
Additive alternate for additional laboratory section.....	10 827	
<b>Total Contracts .....</b>	<b>\$137 598</b>	

The work will include the first phase of the rehabilitation of the Department of Biochemistry laboratory, part of the 1961-63 building program at the Medical Center; the remainder of the remodeling, approximately one-half of the labora-

tory area, will be done in the 1963-65 biennium. This phasing is necessary since all of the laboratory area can not be closed for remodeling at one time.

It is further recommended that all contracts other than the general contract be assigned to the contractor for the general work, making the total of his contract price \$137,598.

It is further recommended that an agreement be entered into with Mutual Contracting Company for the assignment of these other contracts for \$1,500, which amount is included in the contract price, being the amount bid by that Company for service charge for supervision of other contracts assigned to the general contractor.

Funds are available in the state capital appropriations for 1961-63 from the Universities Building Fund and have been released.

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. Pogue, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner, Mr. Swain.

#### **CONTRACTS FOR DIESEL GENERATOR AND DISTRIBUTION SYSTEM AT MEDICAL CENTER CAMPUS**

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for the construction of a small building and installation of an emergency generator set and distribution system at the Medical Center, the award in each case being to the lowest bidder:

Building — R. V. Monahan, Chicago.....\$19 474  
Installation of Emergency Diesel Generator Set and Distribution System

— Fries-Walters Co., Chicago..... 80 618

The emergency electrical system, when completed, will serve critical areas in the hospitals in case of failure of the electric power supply. The project is a part of the 1961-63 building program at the Medical Center.

Funds are available in the state capital appropriations for 1961-63 from the Universities Building Fund and have been released.

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. Pogue, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner, Mr. Swain.

#### **CONTRACT FOR MODIFICATIONS OF COLDWATER SYSTEM IN DENTISTRY-MEDICINE-PHARMACY BUILDING**

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$22,332 to the Ashland Plumbing and Heating Company, Chicago, the lowest bidder, for modifications of the coldwater system in the second unit of the Dentistry-Medicine-Pharmacy Building.

The work will consist of the installation of new house pumps and associated equipment which will approximately double the capacity of the system in the building, and will eliminate difficulty in supplying water at the required pressure to the upper floors of this fourteen-story building which has been experienced with increased building usage.

Funds are available in the state capital appropriations for 1961-63 from the Universities Building Fund and have been released.

I concur.

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

**CONTRACTS FOR CONSTRUCTION OF ADDITION TO THE LIBRARY**

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for construction of the seventh addition to the Library, the award in each case being to the lowest bidder:

General — Pathman Construction Co., Chicago.....	\$496 880
Base bid .....	\$440 880
Additive alternate to relocate Library tennis courts.....	47 500
Additive alternate for service charge for supervision of other prime contracts assigned to general contractor.....	8 500
Electrical — Square Deal Electrical Contracting, Inc., Urbana.....	\$ 81 140
Base bid .....	\$ 67 663
Additive alternate to relocate Library tennis courts.....	13 477
Plumbing — George S. Walker Plumbing and Heating, Inc., Decatur....	55 660
Base bid .....	\$ 47 360
Additive alternate to relocate Library tennis courts.....	8 300
Heating, Refrigeration, and Temperature Control — R. H. Bishop Company, Champaign .....	84 743
Ventilating — F. R. Inskip and Company, Champaign.....	69 940
Elevator — Otis Elevator Company, Chicago.....	24 469
<i>Total Contracts</i> .....	<u>\$812 832</u>

It is further recommended that all contracts other than the general contract be assigned to the contractor for general work, making the total of his contract price \$812,832.

It is further recommended that an agreement be entered into with the Pathman Construction Company for the assignment of these other contracts for \$8,500, which amount is included in the contract price, being the amount bid by that Company for service charge for supervision of other contracts assigned to the general contractor.

Funds are available from state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of bids received, a copy of which is being 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. Pogue, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner, Mr. Swain.

**CONTRACT FOR CONSTRUCTION OF ADDITIONAL SPACE  
IN THE ARMORY**

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of the following contracts, subject to the release of funds, for the construction of a four-story addition at the west end and a balcony on the north and south sides of the interior of the Armory, the award in each case being to the lowest bidder:

General — Pathman Construction Co., Chicago.....	\$421 992
Base bid .....	\$418 539
Additive alternates for vinyl asbestos tile and gypsum plaster surfacing on concrete block walls.....	3 453
Plumbing — George S. Walker Plumbing and Heating, Inc., Decatur....	36 700
Electrical — Downtown Electric Company, Urbana.....	96 325
Heating, Refrigeration, and Temperature Control — Ideal Heating Company, Chicago .....	139 777
Ventilating — R. H. Bishop Company, Champaign.....	26 774
Elevator — Otis Elevator Company, Chicago.....	27 287
<i>Total Contracts</i> .....	<u>\$748 855</u>

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund, subject to release.



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

I concur.

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

#### **CONTRACT FOR POWER PLANT PIPING SYSTEM AND MISCELLANEOUS EQUIPMENT**

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contract for \$178,950 to Blaw-Knox Company, Power Piping Division, Pittsburgh, Pennsylvania, for piping system and miscellaneous equipment, and the furnishing and installation of an ash conveyor air washer to remove steam jet exhaust from Stack Number 2, for an addition to the Abbott Power Plant (Boiler No. 7).

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

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

I concur.

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

#### **CONTRACT FOR REROOFING EVANS HALL**

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$51,706 to the Petry Roofing and Sheet Metal Company, Champaign, for reroofing Evans Hall.

Funds are available in the Housing Division Maintenance Reserve.

I concur.

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

#### **CONTRACTS FOR LANDSCAPE WORK AT THE ILLINI UNION ADDITION, STUDENT SERVICES BUILDING, LABOR AND INDUSTRIAL RELATIONS BUILDING, AND PENNSYLVANIA AVENUE RESIDENCE HALLS**

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for landscape construction work, the award in each case being to the lowest bidder:

Twin City Landscape Service, Inc., Urbana	
Illini Union Addition.....	\$ 8 904 82
Student Services Building.....	3 086 15
Pennsylvania Avenue Residence Halls.....	16 870 74
Henry Nurseries, Henry, Illinois—Labor and Industrial Relations Building.....	2 676 21

Funds are available in the construction budgets for these projects.

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

I concur.

On motion of Mr. Johnston, these contracts were awarded, as rec-

ommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner, Mr. Swain.

**CONTRACT FOR LONG-RANGE PLANNING FOR THE UNIVERSITY  
BUSINESS DISTRICT IN CHAMPAIGN**

(23) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University be authorized to enter into an agreement with the city of Champaign for the employment of Harland Bartholomew and Associates for the preparation of a long-range development plan for the area bounded by University property on the south and east, the Illinois Central Railroad right-of-way on the west, and University Avenue on the north. The University will share equally in the cost of the preparation of this plan with the city of Champaign and the Campus Businessmen's Association. The University's share of the cost will not exceed \$3,000.

The plan will provide an orderly development of the commercial and surrounding residential areas and should provide coordination between the University's expansion and commercial improvements (both service and residential investments).

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

I concur.

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

**EMPLOYMENT OF HARLAND BARTHOLOMEW AND ASSOCIATES  
FOR LONG-RANGE PARKING PROGRAM**

(24) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of the employment of Harland Bartholomew and Associates, St. Louis, Missouri, for development of a long-range parking program for the Urbana-Champaign Campus.

Due to losses of on-street parking spaces and of parking facilities for University staff resulting from new building construction, and an anticipated enrollment expansion which concurrently adds to the staff, it is proposed that a program be developed for construction of additional facilities which will be realistic in terms of need and which can be financed by the University.

As the Physical Plant Department does not have personnel for this type of planning, it is necessary to retain outside professional services. Based on recent studies completed in this area by the firm of Harland Bartholomew and Associates, the firm should be able to complete the work at a cost below that of other firms.

The Director of the Physical Plant and the Vice-President and Comptroller recommend employment of Harland Bartholomew and Associates on the basis of cost plus 150 per cent for overhead and fees. The firm will also be reimbursed for out-of-pocket expenses, other than normal operating overhead, including travel, subsistence, printing, and other such charges directly related to this specific work. The total cost to the University will be limited to a maximum of \$11,650.

Funds are available in the Physical Plant Department budget for 1962-63.

I concur.

On motion of Mrs. Watkins, authority was given as requested.

**LEASE OF PROPERTY AT 26 EAST SPRINGFIELD  
AVENUE, CHAMPAIGN**

(25) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the second floor area (approximately 7,800 square feet) of the building at 26 East Springfield Avenue, Champaign, be leased by the University for use by the Department of Art.

The proposed rental rate is \$565 per month. The University will assume the

cost of power and water, interior maintenance (excluding existing air-conditioners, which the owner will maintain), janitor service, and any needed alterations for University use. The owner is willing to lease to the University until the end of the current biennium with the University having the option to renew at the same rate on a biennial basis for three additional biennia, i.e., through June 30, 1969.

I recommend that the lease be authorized and that assignments of funds be made as follows:

From the General Reserve for remodeling (nonrecurring).....\$ 4 600  
Addition to the operating budget of the Physical Plant Department for  
annual rental (\$6,780) and operations and maintenance (\$6,345)..... 13 125

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

#### **ADDITION TO CONTRACT FOR CONSTRUCTION OF ILLINI UNION ADDITION**

(26) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$3,286.85 in the contract with Felmley-Dickerson Company, Inc., for construction of the Illini Union Addition to include construction of facilities for 250 bicycles.

Funds are available in the construction budget for the Illini Union Addition.

I concur.

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

#### **ADDITION TO CONTRACT FOR CONSTRUCTION OF PENNSYLVANIA AVENUE RESIDENCE HALLS**

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase in the contract with Kuhne-Simmons Company, Inc., for the construction of Pennsylvania Avenue Residence Halls to include motor starters for supply and exhaust fans, \$4,074.34, and an additional water supply line for emergency purposes, \$4,875.60.

Funds are available in the construction budget for these halls.

I concur.

On motion of Mr. Williamson, these changes in contract were authorized.

#### **ADDITION TO CONTRACT FOR ENGINEERING SERVICES FOR ILLINOIS STREET RESIDENCE HALL**

(28) The Director of the Physical Plant and the Vice-President and Comptroller recommend employment of Sargent and Lundy, Consulting Engineers, Chicago, for engineering services to design extension of steam and electric utilities to the Illinois Street Residence Hall.

Plans and specifications for the building construction will be released for bids in August, 1962, with completion of construction scheduled for September, 1964, and design of the utility services for the buildings should be authorized now.

Sargent and Lundy have designed the utilities from which the extensions will be made. Continuation of their services is recommended under the terms of the existing contract.

The cost of the engineering services is estimated at approximately \$30,000.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

I concur.

On motion of Mr. Pogue, this addition to the contract was authorized.

#### **CONTRACT FOR CONSULTING ARCHITECTURAL SERVICES**

(29) The present contract with the architectural firm of Richardson, Severns, Scheeler, and Associates, Champaign, for consulting and architectural services expires August 1, 1962. The Director of the Physical Plant and the Vice-President

and Comptroller recommend continuation of the employment of this firm on a cost-plus basis for one year from August 1, 1962, on the following assignments as directed 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 meetings.

Estimated cost of services.....\$25 000

*Medical Center*

Continuation of studies on the campus development plan.

Further development of detailed programs and studies for various colleges and departments.

Continuation of studies on projects financed from other than state funds.

Estimated cost of services.....\$10 000

Estimated total cost.....\$35 000

The terms of employment will be the same as those under the present contract, i.e., on the basis of itemized payrolls, plus 100 per cent for the firm's overhead costs and fees.

Funds are available in the state appropriation for 1961-63 (for plans and specifications) from the Universities Building Fund and have been released.

I concur.

On motion of Mr. Johnston, extension of this contract was authorized as recommended.

**EMPLOYMENT OF ENGINEERS**

(30) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of Wilson and Anderson, Champaign, for engineering services to design the reconstruction of the Men's Old Gymnasium swimming pool and alterations and improvements to the English Building and Huff Gymnasium swimming pools.

The services will include complete plans, specifications, preparation of contract documents, and office supervision. Payment will be on a cost-plus contract basis: \$5.00 per hour for services of principals of the firm for time actually spent by them on the project, plus salaries and wages of other employees at the regular rate paid by the firm for time actually put into the work; plus 100 per cent of these total costs for overhead expenses of the firm and its commission.

The Committee on Buildings and Grounds has been consulted and recommends approval.

I concur.

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

**EMPLOYMENT OF ENGINEERS FOR ANTI-TRUST INVESTIGATION**

(31) The Board of Trustees has authorized employment of special counsel to represent the University in connection with a suit filed February 5, 1962, in the Federal District Court for the Northern District of Illinois (Case 62 C 362) against eighteen electrical manufacturers who were involved in an electrical equipment price-fixing conspiracy which was the subject of federal anti-trust action in 1960 and 1961. The complaint seeks recovery of treble damages under the Sherman and Clayton Anti-trust Laws, for overcharges on purchases of electrical equipment by and for the University during the period of the conspiracy.

The Director of the Physical Plant and the Vice-President and Comptroller recommend employment of the engineering firm of Brown, Manthei, Davis, and Mullins, Champaign, for investigative engineering services to prepare the necessary technical data needed by the special counsel in developing the University's case. Payment will be on the basis of actual costs of services of personnel used by the firm and office expenses, plus 100 per cent for overhead and fee; travel expenses and living costs of personnel while away from Champaign-Urbana will

be reimbursed on a cost basis without overhead allowance. The estimated cost of these services is \$20,000 which will be charged to Physical Plant Department funds budgeted for architectural services, this account to be reimbursed from damages when recovered.

I concur.

On motion of Mr. Williamson, this recommendation was approved. Mr. Johnston was recorded as not voting.

#### COMPTROLLER'S REPORT OF CONTRACTS

(32) The Comptroller's report of contracts executed during the period June 1 to 30, 1962.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Dairy Association	Relationship between dietary fat and composition of blood lipids	\$12 000 00	May 18, 1962
The American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.	Selection and application of air-measuring devices	10 000 00	February 1, 1962
The American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.	Safety with high-temperature water systems	10 000 00	February 1, 1962
State of Illinois Department of Mental Health Project No. 17-103	Kinship systems and emotional disturbance in children	43 627 00	June 8, 1962
United States Air Force AF-AFOSR-62-419	A specialized type of seismic research	28 800 00	September 1, 1962
United States Air Force AF 33(657)8460	Problems related to antennas	150 000 00	June 5, 1962
United States Army DA-ARO (D) 31-124-G340	Theoretical problems in solid state and low-temperature physics	121 740 00	September 1, 1962
United States Atomic Energy Commission NSE 29-2-62	Grant for acquisition of equipment to be used in nuclear science and/or engineering	8 673 00	May 18, 1962
United States Federal Housing Administration HA ( . . . ) fh-847	Storage space needs for families in single family residences	3 125 00	May 21, 1962
United States Peace Corps PC-(W)-84	Training for teaching project in India	160 566 00	May 16, 1962
<i>Total</i>		<u>\$548 531 00</u>	

#### Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Illinois State Library	Problems related to rural library development	\$ 35 000 00	June 4, 1962
State of Illinois Department of Mental Health Project 1766	The educability of psycholinguistic functions in retarded children	20 901 00	June 8, 1962
United States Agricultural Research Service 12-14-100-A-6-eq-52	Weekly release during the active season of information on insect control	4 999 92	May 17, 1962
United States Air Force AF 41(657)332	Quantitative determinations of gaseous tissue nitrogen in animals exposed to various simulated altitudes	500 00	May 18, 1962
United States Air Force AF 49(638)594	Meson photoproduction and meson interactions using a liquid hydrogen-deuterium-helium bubble chamber	6 825 95	May 22, 1962
United States Army DA-ARO (D) 31-124-G72	Reactions of the nitrogen oxides	8 820 00	May 18, 1962
United States Atomic Energy Commission AT (11-1) 415	Unclassified research on electronic high-speed digital computers	150 000 00	March 1, 1962
United States Atomic Energy Commission AT (11-1) 758	Basic research relating to atomic energy	22 046 00	June 1, 1962

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Atomic Energy Commission AT (11-1) 790	Ribonucleic acid in the accumulation of ions by plant cells	\$ 10 834 00	June 1, 1962
United States Atomic Energy Commission AT (11-1) 903	Mechanism of biologically catalyzed reactions and the metabolites and pathways in which they function	36 300 00	June 1, 1962
United States Atomic Energy Commission AT (11-1) 1035	Causes of erythrocyte auto-mosaicism	55 000 00	May 1, 1962
United States Navy Nonr 1834 (31)	Spectral reflectance characteristics of forest vegetation	26 358 00	June 12, 1962
VioBin Corp.	Value of wheat germ oil in physical fitness programs	4 800 00	June 6, 1962
<i>Total</i>		<u>\$382 384 87</u>	

### Adjustments Made in 1961-62 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Twenty items: \$183.17 deduct to \$200.00	\$ 296 54	April, May, and June, 1962
M. E. Hollett (Painting)	Three items: \$118.83 deduct to \$33.61	167 65 (deduct)	May, 1962
<i>Total</i>		<u>\$ 128 89</u>	

This report was received for record.

### PURCHASES

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

I concur.

#### Chicago Colleges and Divisions

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One gas chromatograph consisting of beta ionization system, recorder, microcypette sample injection, and flow controller	Aeromedical Laboratory	Research Specialties Co., Des Plaines	\$4 385 00 delivered
One photomicroscope and accessories	Anatomy	W. H. Kessel & Co., Chicago	4 747 48 net, delivered
One lot of laboratory supplies including assorted glassware, clamps, filter paper, rubber stoppers, and chemicals	Chemistry, College of Pharmacy	Chicago Apparatus Co., Chicago	4 641 79 net, delivered
Three binocular microscopes with condensers and transformer	Dental Orthodontics	W. H. Kessel & Co., Chicago	4 342 20 net, delivered
One stereoscopic microscope with lamp and transformer			
40,000 tolbutamide tablets 0.5 gm., representing a six-month supply, to be used in the treatment and control of diabetes	Pharmacy Stores	The Upjohn Co., Chicago	3 168 00 delivered
20,000 tetracycline V capsules, 250 mg.; this product is a broad spectrum antibiotic used in the treatment of bacterial and viral infections, and represents a three-month supply	Pharmacy	E. R. Squibb & Sons, Franklin Park	2 940 00 delivered
One lot of hospital furniture and equipment consisting of 18 examining tables, two formaldehyde generators, one instrument cabinet, nine stools, and four examining lights	Research and Educational Hospitals, Clinics	V. Mueller & Co., Chicago	3 310 00 f.o.b. delivered
Stainless steel flatware consisting of 424 dozen knives, 451 dozen forks, 850 dozen teaspoons, 326 dozen soup spoons, 260 dozen ice tea spoons, and 102 dozen bouillon spoons, to be used by the various food service and dietary departments at the Medical Center	Medical Center Stores	Oneida, Ltd., Chicago	5 591 43 net, delivered
Eighty-five dozen unbleached duck laundry hamper bags	Physical Plant	Iden Manufacturing Co., Inc., Chicago	4 029 00 delivered
One automatic ultraviolet analyzer for the detection of protein fractions	Biological Chemistry	Vanguard Instrument Co., La Grange	2 800 00 delivered

*Urbana-Champaign Departments*

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One amino acid analyzer with preparative columns and stream divider accessory, special peptide elution accessory, and resin supply	Animal Science	Beckman Instruments, Inc., Beckman/Spinco Division, Lincolnwood	\$15 198 80 f.o.b. delivered and installed
110 drafting tables, 68 in. long by 35 in. deep by 35½ in. high	Architecture	Brodhead-Garrett Co., Cleveland, Ohio	8 789 00 f.o.b. delivered
One centrifuge, refrigerated, with one six and one eight-place head, trunion rings, alloy cups, and stainless steel shield	Botany	Scientific Products Division, American Hospital Supply Corp., Evanston	2 812 40 f.o.b. delivered
One metallurgical and ceramic polishing apparatus with eight-inch back panels, two twelve-inch wash bowls with complete wiring and plumbing	Ceramic Engineering	E. H. Sargent & Co., Chicago	2 769 50 f.o.b. delivered
Two low-speed polishers with eight-inch wheels with bowl and drain, with 48 and 72 R.P.M. speeds			
One polishing machine with eight-inch wheel with bowl and drain with 100 to 1200 R.P.M. speeds			
Three polishing attachments to fit eight-inch polisher			
This equipment is to be used to polish specimens for the microscopy laboratory			
One pump, diffusion, mercury, nine-inch	Chemistry and Chemical Engineering	Edwards High Vacuum, Inc., Grand Island, N.Y.	4 960 00 f.o.b. Grand Island, N.Y.
Four pumps, diffusion, mercury, six-inch			
One baffle, water cooled, chevron, nine-inch			
One liquid nitrogen trap, nine-inch			
Four liquid nitrogen traps, six-inch			
One mass spectrometer, range to 1500 (m/e), with electron multiplier measurement of mass peaks, rapid scan, double collector instrument, and provisions for positive and negative ion mass spectra	Chemistry and Chemical Engineering	Atlas Mess-und Analysen Technik GmbH, Bremen 10, Germany	91 467 22 f.o.b. delivered and installed
One lot of laboratory apparatus, including laboratory glassware, porcelainware, filter papers, heating mantles, to be used in setting up a new teaching laboratory for the fall semester	General Chemical Stores	Wilkins-Anderson Co., Chicago	11 485 75 f.o.b. delivered
Three each paper tape data preparation equipment to provide the primary source of input data for the computers located in the Coordinated Science Laboratory	Coordinated Science Laboratory	Friden, Inc., Peoria Heights	8 985 00 delivered
One pulser, rise time of 0.1 microsecond, 20 amp DC filament transformer 500 watt, designed to pulse any number of loads requiring 1 megawatt peak power, peak pulse voltage 35 KV, repetition rate 20 pps maximum	Coordinated Science Laboratory	Burmac Electronics Co., Inc., Rockville Center, N.Y.	4 495 00 f.o.b. delivered
Vacuum tubes as replacements for use in Illiac Computer, approximately one-year supply, as follows: 200 Type 6A65 400 Type 6J6 400 Type 5687 400 Type 5844 100 Type 6136 100 Type 815	Digital Computer Laboratory	Baptist Electronic Supply, Jacksonville	4 106 70 f.o.b. delivered
One gas chromatograph, automatic with recorder and signal switch for use in separating organic mixtures into their component parts and in the purification of radioactive mixtures in the Radiocarbon Laboratory	Graduate College, Radiocarbon Laboratory	Wilkins Instrument & Research, Inc., Walnut Creek, Calif.	3 727 65 f.o.b. delivered
12,150 feet grounding mats, wire, copper, nine-inch mesh	Electrical Engineering	Copperweld Steel Co., Glassport, Pa.	22 222 37 f.o.b. delivered
163 feet grounding mats, wire, copper			
21,000 connectors, thermite process	Electrical Engineering	Erico Products, Inc., Cleveland, Ohio	3 150 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Six oscilloscopes, rack mount, passband DC-450KC, vertical sensitivity 1 mv/cm to 20 V/cm in 14 calibrated steps, sweep range 1 microsecond/cm to 5 seconds/cm, 21 calibrated sweep rates, sweep magnification 2,5,10,20, and 50 times	Electrical Engineering Research Laboratories	Tektronix, Inc., Park Ridge	\$3 930 00 f.o.b. Beaverton, Oregon
Two high stability quartz oscillators, long-term stability of 5 parts in 10 <sup>10</sup> ; output frequencies 1 MC, 100 KC, 22-30 volts input	Electrical Engineering	Hewlett-Packard Co., c/o Crossley Associates, Inc., Chicago	20 800 00 f.o.b. Palo Alto, Calif.
Four frequency dividers and clock, frequency 100 KC; input voltage 0.5 to 5 volts			
Four time comparators, 0.999 micro-seconds in 1 microsecond steps			
Two readers, photoelectric, paper tape, unidirectional 300 characters per second with stop on character, handles 11/16 in. and 1 in. tape	Electrical Engineering	Digitronics Corp., c/o Loren F. Green & Associates, Chicago	2 919 60 f.o.b. delivered
Two rack mount adapter plates			
Two spooler assemblies, unidirectional, for above readers			
One data processing system, on-line type, consisting of a computer with data input and output accessories, complete with maintenance agreement, for one year renewable	Electrical Engineering	Bendix Corp., Computer Division, Los Angeles, Calif.	428 098 00 f.o.b. delivered and installed
Option to buy:			
One data input/output accessory, paper tape eight-channel type plus one year maintenance agreement			
One data output accessory — printer, plus one-year maintenance agreement			
One tensile testing machine with recorder, five tension cells, one set of 10,000 lb. wedge grips, and one set of jaw faces $\frac{1}{8}$ to $\frac{3}{16}$ inch diameter for the study of mechanical properties of solids and the factors which affect these properties	Mining, Metallurgy, and Petroleum Engineering	Instron Engineering Corp., Park Ridge	19 224 00 f.o.b. delivered
One liquid scintillation counting system, fully transistorized with automatic loading device for 200—20ml sample vials, including freezer with temperature control of $\pm 0.5^\circ$ C over range -20 to $+5^\circ$ C, and counting efficiency of 90 per cent for carbon, and 40 per cent for tritium	Physiology and Biophysics	Packard Instrument Co., Inc., La Grange	12 550 00 f.o.b. delivered and installed
One recorder dual chart system with both heat sensitive recording, and alternate ink-curveilinear recording, enclosed in portable cabinet, drive assembly 1, 5, 25, and 125 mm/second; four rolls chart paper	Physiology and Biophysics	Offner Division, Beckman Instruments, Inc., Lincolnwood	2 553 00 f.o.b. delivered
One Dewar vessel, liquid helium five liter capacity, for use in low-temperature materials research to maintain samples of solids formed from condensed gases at temperatures in the range of 2 to 80 degrees Kelvin (temperatures measured from absolute zero — -273.18 degrees C)	Physics	Linde Co., Chicago	3 116 00 f.o.b. delivered
One crystal growing furnace, capable of operating at inert gas atmosphere or in a vacuum with a crucible lifting mechanism and temperature programmer and controller for growing single crystals of controlled purity for solid state research in Physics	Physics	NRC Equipment Corp., Newton, Mass.	14 150 00 f.o.b. delivered
Two special aluminum-silver alloy bars, 50 cm by 1.27 cm by 1.27 cm, base material to be 99.999 per cent aluminum; produced according to the specifications of the Physics Department staff; the material is to be used to measure equilibrium concentration of vacancies in aluminum-silver alloys	Physics	Materials Research Corp., Orangeburg, N.Y.	3 000 00 f.o.b. delivered
One continuous electrophoresis apparatus for use in the research studies of antibody formations in swine and anaplasmosis of cattle	Veterinary Medicine	Fisher Scientific Co., Chicago	4 100 00 f.o.b. delivered



<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Print and bind 1,500 copies of <i>Approaches to the Study of Aphasia</i> , by Charles E. Osgood and Murray Miron, trim size 6 in. by 9 in., approximately 224 pages per copy	University Press	North Central Publishing Co., St. Paul, Minn.	\$2 679 60 f.o.b. delivered
Scoring service for approximately 65,000 special answer sheets used in conjunction with the testing program of the Bureau of Educational Research	Office of Educational Testing	Measurement Research Center, Inc., Iowa City, Iowa	7 800 00 f.o.b. Iowa City, Iowa
Television equipment including: camera, control chassis, deflection chassis, remote control panel, television tube, 50 ft. cable, power supply, centering chassis, optical multiplexer for two 16 mm. projectors and one slide projector, 1 in. lens f/1.9, video switcher, and rack mount adapter for monitor	Instructional Television	RCA Broadcast and Communications Products Division, Camden, N.J.	8 523 25 f.o.b. delivered
One duplicator, offset, with 9½ in. by 13 in. image area, equipped with auxiliary vibrator roller, centrifugal clutch, mechanical jogger, oscillating repelex rider roller, chrome plated master cylinder and impression cylinder, double sheet eliminator, light fixture, and work organizer	Stenographic Service	Addressograph-Multigraph Corp., Peoria	3 368 15 f.o.b. delivered
Wood office furniture including desks, cabinets, and table, walnut finish, for use in the Health Service Addition to McKinley Hospital. Items to be furnished: six typewriter desks, 19 flat-top desks, one conference desk, four credenzas, and one pedestal table	Office Supply Storeroom	Jack Sheean, Bloomington	3 652 32 f.o.b. delivered
One special feed elevator, 12 in. wide by 90 in. discharge at center line of head pulley	Housing Division	Food Machinery & Chemical Corp., Hoopeston	10 294 65 f.o.b. delivered
One special grade rotary blancher			
One blancher control system			
One special inspection conveyor, 24 in. wide by 12 ft. long			
Twenty-six refrigerators, 9 cubic-foot capacity, white enamel finish, with nonautomatic defrost, for delivery to the Orchard Downs Apartments by August 15, 1962	Housing Division	Sears-Roebuck & Co., Springfield	2 818 40 f.o.b. delivered
Carpets and pads to replace present carpets in the Wedgwood Lounge of the Illini Union:	Illini Union	L. B. Herbst Corp., Chicago	3 982 80 f.o.b. delivered
One each carpet and pad, 21 ft. 6 in. wide by 30 ft. 4 in. long			
Two each carpets and pads, 12 ft. wide by 33 ft. 4 in. long			
Two barn cleaners to be furnished and installed in Dairy Barns	Dairy Science	New Idea Farm Equipment Co., Sandwich	4 312 74 f.o.b. delivered and installed
3,000 feet fencing, non-climbable, with three strands of barbed wire attached to inclined extension arms, with 300 H column line posts, including three six-foot gates, terminal posts, and brace assemblies, completely installed	Horticulture	Cyclone Fence Department, American Steel & Wire Division, U. S. Steel Corp., Bloomington	4 336 00 f.o.b. delivered and installed
10,560 feet fence chain link, six feet high, No. 9 gauge wire woven into a 2-inch mesh, with angled extension arms and three strands of barbed wire, with two 16-foot double gates, to enclose the Pell Farm fruit research area	Horticulture	Cyclone Fence Department, American Steel & Wire Division, U. S. Steel Corp., Bloomington	23 871 40 f.o.b. delivered and installed
Furnish equipment, labor, and materials for the fine grading of the base course, the bituminous concrete surface course and bituminous concrete curbing for the parking area and service drives at Robert Allerton Park, Monticello	Robert Allerton Park	Champaign Asphalt Co., Champaign	20 698 15 f.o.b. delivered and installed
One truck, 14-foot bed, less trade-in of 1956 truck, 14-foot bed, with approximate mileage of 150,000, to be used at the Dixon Springs Experiment Station	Dixon Springs Experiment Station	International Harvester, Springfield	3 100 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
6,500 feet cable, telephone, No. 22AWG, solid annealed conductors, 100 pairs, with polyethylene insulation for use in low-voltage signal service, other than telephone communications, for Abbott Power Plant, Assembly Hall, Central Food Stores, and Physical Plant Service Building	Physical Plant Storeroom	Danville Electric Supply Co., Danville	\$3 445 00 f.o.b. delivered
15,000 gallons asphalt, 2,000 gallons road oil, 725 tons limestone chips to be used in various areas throughout the campus for small resurfacing jobs	Physical Plant Storeroom	Parro Construction Corp., Urbana	6 645 00 f.o.b. delivered
568 light fixtures, fluorescent (Group I) 138 light fixtures, fluorescent, strip type, one light (Group II) To be installed in main Library to replace present incandescent fixtures which are considered unsatisfactory in respect to modern lighting standards	Physical Plant	Danville Electric Supply Co., Danville Group I Tepper Electric Supply Co., Champaign Group II	14 266 40  1 251 60 (15 518 00) f.o.b. delivered
180 light fixtures, fluorescent, 8 ft. long, 12 in. wide, "A" sound rated ballasts, prismoil louver, with 259 fixture hangers, to be used to replace incandescent fixtures in various classrooms, which are now considered unsatisfactory in respect to modern lighting standards	Physical Plant	Tepper Electric Supply Co., Champaign	5 211 98 f.o.b. delivered
One trash container, 30 cubic yard capacity, top doors to occupy 85 per cent of top area and open perpendicular to the long axis, suitable for use with truck-mounted hoist equipment for use at the new Pennsylvania Avenue Residence Halls	Physical Plant	Coleman & Associates, Rockford	2 793 00 f.o.b. delivered
Three sedans, compact, four-door, 1962 model Two station wagons, four-door, nine-passenger, 1962 model Fifteen sedans, standard, four-door, 1962 model To replace present vehicles in the University fleet	Physical Plant Storeroom	University Ford Sales, Inc., Champaign Three compact sedans One station wagon Three standard sedans Rogers Chevrolet Co., Rantoul One station wagon One standard sedan Rossetter Motor Co., Peoria Seven standard sedans Noble Motor Co., Danville Four standard sedans	2 100 00 1 300 00 3 050 00  1 288 17 861 06  6 511 00  2 321 84 (17 432 07) f.o.b. delivered
Furniture for 76 guest rooms for the Illini Union Addition, as per layout and selection by the interior decorator for the building	Illini Union	Duo-Bed Corp., Chicago	50 554 63 f.o.b. delivered

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

#### ACQUISITION BY CONDEMNATION OF PROPERTY AT 1009 WEST GREEN STREET, URBANA

(34) At its February, 1962, meeting, the Board of Trustees adopted a resolution declaring that the property at 1009 West Green Street, Urbana, Illinois, and owned by Edith Pearl Sidell, was needed by the University for a site for residence hall buildings and related educational purposes, that the compensation to be paid for the property could not be agreed upon with the owner, and that title to the land should be acquired by the exercise of the right of eminent domain through the institution and prosecution of condemnation proceedings.

The condemnation suit was tried in the Circuit Court of Champaign County, Illinois, before a jury on July 9, 10, and 11, 1962, culminating in an award by the jury of \$83,250 as the fair cash market value of the property for its highest and best use on March 29, 1962 (the date the condemnation petition was filed), and judgment was entered on the verdict. The jury's award was within the range

of the testimony adduced from expert witnesses at the trial, and is between the valuations placed upon the property by the witnesses who testified for the University and those who testified for the defendant. For a period of thirty days from and after July 11, 1962, either side may file a motion for a new trial. If no such motion is filed, the court will thereafter enter a final order specifying the time within which the University must pay the amount of the verdict if it still desires to acquire title to the property.

The Legal Counsel states that certain rulings of the court during the trial of the case could support the filing of a motion for a new trial. However, since the jury's verdict was within the range of the testimony as to value, and since construction on the site is scheduled to commence later this year, the Legal Counsel, the Director of the Physical Plant, and the Vice-President and Comptroller recommend that the University abide by the judgment entered upon the verdict, that no post-trial motion be filed by the University, and that, when the final order is entered, the property be acquired by the payment to the defendant of the amount awarded her by the jury in its verdict.

I concur.

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

**REPORT AND RECOMMENDATION OF THE COMMITTEE  
ON BUILDINGS AND GROUNDS ON RELOCATION  
OF THE ALMA MATER STATUARY**

Mr. Pogue, for the Committee on Buildings and Grounds, submitted the following report.

A request from the Board of Directors of the University of Illinois Alumni Association that the Lorado Taft Alumni statuary group be moved from south of the University Auditorium to the area in front of Altgeld Hall and the Illini Union, facing the intersection of Wright and Green Streets, was formally presented to the Board of Trustees on June 20, 1962, and was referred to the Committee on Buildings and Grounds.

The Committee has previously had this matter under consideration pursuant to an informal report submitted by the Physical Plant Department. At a meeting of the Committee held on July 17, Mr. Paul K. Bresee, Treasurer of the Alumni Association and a member of its Board of Directors, appeared before the Committee in support of the Association's request. He stated that the Alumni Association Board has been discussing this matter for three or four years, and finally requested the Physical Plant Department to study all possible and appropriate sites where the statuary would be on the periphery of the campus, and preferably at some entrance point. At a meeting of the Board of Directors of the Alumni Association held on June 2, the Board endorsed the site recommended by the Physical Plant Department as meeting the desired criteria, and voted to provide the funds for the cost of moving the statuary and the construction of a suitable base on the new site.

Following public announcement of the Alumni Association's request, a number of letters were received from students objecting to the proposed relocation of the statuary, and some letters were received from alumni and others in support of the change. Copies of these letters had previously been sent to all members of the Committee on Buildings and Grounds and other Trustees, and were presented for record at the meeting on July 17.

The Committee recommends the relocation of the Alma Mater statuary in the area in front of Altgeld Hall and the Illini Union as proposed to the Board of Trustees on June 20, 1962.

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

**MEMORIAL TO JOHN STELLE**

Mr. Dilliard offered the following memorial and moved its adoption:

The Board of Trustees of the University of Illinois records with sorrow the passing on July 5, 1962, of John Stelle, former Governor of Illinois and a former ex officio member of this Board.

Born in McLeansboro, Illinois, August 10, 1891, he received his education in the public schools of that city, at Western Military Academy, and at Washington

University Law School at St. Louis. At the beginning of World War I in 1917, he enlisted in the United States Army. As a First Lieutenant, he commanded Company B, 115th Machine Gun Battalion, 30th Division, and after seventeen months of service in France he returned home a Captain. While overseas, he was wounded and severely gassed in combat.

In 1931 he entered public service at the state level, having been appointed Assistant State Treasurer, which post he held until 1933 then he was appointed Assistant State Auditor. He served in that post until 1935 when he took office as State Treasurer, having been elected in November, 1934. In 1936 he was elected Lieutenant Governor of Illinois and was President of the State Senate for two sessions of the General Assembly of Illinois. He served as Acting Governor for several months in 1939 and, upon the death of Governor Henry Horner on October 6, 1940, he became Governor, serving as the state's Chief Executive until expiration of that term of office on January 12, 1941.

He was one of the organizers of the American Legion and served as its National Commander during 1945 and 1946.

He was a frequent visitor to the University of Illinois during his years of public service and took a special interest in the affairs of the University while serving as Acting Governor and Governor of the state of Illinois.

Although his service in public office, and as an attorney and industrialist in private life, will be duly reported in the histories of Illinois, the Board of Trustees of the University wishes to record in today's meeting a tribute to the late Governor John Stelle, a former colleague and a friend of the University; and the Board directs that this memorial be included in the minutes of today's meeting and that suitable copies be sent to members of his family as an expression of sympathy in their loss.

The memorial was unanimously adopted.

#### **AUGUST, SEPTEMBER, AND OCTOBER MEETINGS**

The Board has voted to omit the August meeting, but a number of construction contracts will need to be awarded so that work can be started promptly to take advantage of favorable weather conditions, and other business which can not be deferred until the September meeting of the Board will need to be transacted in August. President Clement stated that he will call a meeting of the Executive Committee for this purpose and that all the Trustees will be invited to attend and participate in these discussions.

Under the By-Laws of the Board, the September meeting will be held on Wednesday, September 19, 1962, unless changed by vote of the Board or by order of its President.

On motion of Mr. Johnston, the Board voted to hold the meeting on this date and at Robert Allerton Park, according to a schedule to be determined by the President and Secretary of the Board.

On motion of Mr. Johnston, the Board voted to hold the October meeting on Wednesday, October 17, 1962 (the date specified in the By-Laws), in Chicago.

#### **ASSOCIATION OF GOVERNING BOARDS OF STATE UNIVERSITIES AND ALLIED INSTITUTIONS**

President Clement announced that the annual fall meeting of the Association of Governing Boards of State Universities and Allied Institutions will be held at the University of Michigan in Ann Arbor, on October 9-13, and that he is designating Mrs. Frances B. Watkins as an official representative of the Board for this meeting.

#### **RECESS AND EXECUTIVE SESSION**

President Clement stated that an executive session has been requested,

and was being ordered, for consideration of property acquisitions and a copyright matter, and that this session will be held immediately after luncheon.

On motion of Mr. Williamson, the Board recessed.

When the Board reconvened in executive session, the same members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes, with the exception of Mr. Wilkins.

The Board considered the following items of business.

#### **RELEASE OF BOTANICAL CHARTS TO ARTIST FOR PUBLICATION**

(1) Miss Natalie H. Davis, Scientific Artist in the Department of Botany, has prepared a series of charts during the past ten years for use in botany classes. She now has the opportunity to publish eleven of these charts, nine of which were completed before 1958, plus five new charts still to be prepared. Since Miss Davis has been specifically commissioned to prepare the charts as part of her regular University duties, they belong to the University under the provision of the Statutes governing copyrights.

Professor Wilson N. Stewart, Chairman of the Department of Botany, recommends that the University relinquish its publication rights in these charts to Miss Davis, including any royalties that might result from the sale of the charts. It is Professor Stewart's opinion that the royalties would be small in any case.

The Executive Vice-President and Provost and the Vice-President and Comptroller endorse Professor Stewart's recommendation.

I concur.

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

#### **ACQUISITION OF THE PROPERTY AT 1109 WEST ILLINOIS STREET, URBANA**

(36) The Director of the Physical Plant and the Vice-President and Comptroller recommend purchase of the property at 1109 West Illinois Street, Urbana, Illinois, at a price of \$32,000. The property consists of a lot 65 feet wide and 150 feet deep with a two-story and basement frame residence. The building will be removed and the land will be part of an area to be developed for parking facilities replacing those lost when construction is started on the Illinois Street Residence Hall. The price is within appraisals.

Possession will be delivered not later than October 1, 1962, and taxes will be prorated.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

I concur.

On motion of Mr. Pogue, purchase of this property, at the price and on the terms indicated, was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner, Mr. Swain, Mr. Wilkins.

#### **SECRETARY'S REPORTS**

The Secretary presented for record the following lists: appointments made by the President; graduate fellows; resignations and declinations; leaves of absence.

#### **APPOINTMENTS MADE BY THE PRESIDENT**

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

ABBOTT, BERNARD C., Visiting Professor of Physiology and Biophysics, July 1-September 15, 1962, \$3,888.90 (6-18-62).

- ABILDGAARD, CHARLES F., Assistant Professor of Pediatrics (Medicine), two months from July 1, 1962, \$11,500 a year, supersedes (6-27-62).
- ADAMSTONE, FRANK B., Professor of Zoology, two months from June 16, 1962, \$3,000; this is in addition to his present appointment (6-11-62).
- ADLER, FELIX T., Professor of Nuclear Engineering, Summer Session of 1962,  $\frac{1}{2}$  time, June 18-August 11, 1962, \$1,734 for the period, supersedes previous Summer Session (6-4-62); and Professor of Physics and of Nuclear Engineering (C),  $\frac{1}{2}$  time, two months from June 16, 1962, \$1,733; this is in addition to his present appointment and to his Summer Session appointment (6-4-62).
- AKAGI, JAMES M., Research Associate in Microbiology, June 16-August 31, 1962, \$2,250 (6-18-62).
- ALTSTETTER, CARL J., Assistant Professor of Physical Metallurgy (C), June 16-August 31, 1962, \$866.67 a month, additional and superseding (6-27-62).
- ANDERSON, MRS. ROBERTA H., Visiting Lecturer in Education, Summer Session of 1962, June 18-August 11, 1962, \$1,300 for the period (6-20-62).
- ANKUDAS, MILDA M., Research Assistant in Microbiology (Medicine), three months from July 1, 1962, \$444.44 a month (6-21-62).
- ANTON, THOMAS J., Assistant Professor in the Bureau of Community Planning (College of Fine and Applied Arts) and in the Institute of Government and Public Affairs, June 16-July 31, 1962, \$800 a month (6-18-62).
- ARCHER, WILLIAM K., Research Assistant Professor in the Institute of Communications Research, June 15, 1962-August 31, 1963, without salary (6-29-62).
- ARIENS, PHYLLIS J., Language Therapist in Speech Summer Residential Program, Summer Session of 1962, 45/100 time, June 18-August 11, 1962, \$400 for the period (6-8-62).
- ARMSTRONG, PAULINE B., Assistant Professor of Psychology, July 1, 1962-August 31, 1963, \$8,100 a year (6-11-62).
- BAILEY, ALBERT D., Professor of Electrical Engineering (C), two months from June 16, 1962, \$1,333.33 a month; this is in addition to his present appointment (6-11-62).
- BALDRIDGE, MARY F., Visiting Lecturer in Education, Summer Session of 1962, June 18-August 11, 1962, \$1,300 for the period (6-20-62).
- BANKS, EDWIN M., Research Assistant Professor in the Division of General Studies, June 16-August 31, 1962, \$833.34 a month; this is in addition to his present appointment (5-31-62).
- BARDEEN, WILLIAM A., Research Assistant in Chemistry, two months from June 16, 1962, \$900 (6-18-62).
- BARRY, DENNIS, Registered Pharmacist in Hospital Pharmacy (Research and Educational Hospitals) (Pharmacy), June 1, 1962-August 31, 1963, \$7,000 a year, supersedes (6-18-62).
- BECKER, RICHARD W., Research Assistant in the Institute of Communications Research, June 18-August 11, 1962, \$444.44 a month (6-8-62).
- BECKER, WESLEY C., Associate Professor of Psychology, June 16-August 31, 1962, \$2,777.78; this is in addition to his present appointment (6-11-62).
- BEERS, RAY F., JR., Clinical Assistant Professor of Medicine (Medicine),  $\frac{3}{4}$  time, three months from June 1, 1962, \$300 a month, supersedes nonsalaried appointment (6-29-62).
- BENNEMANN, KARL-HEINZ, Research Associate in Physics (C), four months from May 1, 1962, \$625 a month; and one year from September 1, 1962, \$7,500 (6-11-62).
- BERNAUER, EDMUND M., Research Associate in Physiology, two months from June 16, 1962, \$1,400 (6-14-62).
- BHARADWAJ, RAMA KANT, Research Assistant in Entomology, two months from June 16, 1962, \$888.88 (6-8-62).
- BILOKUR, BORYS, Assistant in Russian, Summer Session of 1962, June 18-August 11, 1962, \$889 for the period, supersedes previous Summer Session appointment (6-27-62).
- BINNING, BRIAN R., Research Assistant in Architecture, June 25-August 31, 1962, \$444.44 a month (6-14-62).
- BLAIR, LEON N., Assistant Professor of General Engineering (Chicago Undergraduate Division), Summer Session of 1962, June 22-August 17, 1962, \$1,734 for the period (6-8-62).

- BLEVINS, WILLIAM B., Resident Manager, Peabody Drive Residence Halls, June 11-August 31, 1962, \$350 a month, supersedes (6-29-62).
- BLISS, LAWRENCE C., Associate Professor of Botany, June 16-August 15, 1962, \$1,877.76; this is in addition to his present appointment (6-11-62).
- BLUM, IRVING D., Associate Professor of English (Chicago Undergraduate Division), Summer Session of 1962, June 22-August 17, 1962, \$1,889 for the period (6-29-62).
- BOGGESS, MRS. BARBARA S., Assistant in the Graduate School of Library Science, Summer Session of 1962, June 18-August 11, 1962, \$889 for the period (6-8-62).
- BOHL, ROBERT W., Professor of Metallurgical Engineering (C), one month from June 16, 1962, \$1,144.44; this is in addition to his present appointment (6-27-62).
- BORCHERS, HANS-JUERGEN, Research Associate in Physics (C), three months from July 1, 1962, \$2,500 (6-18-62).
- BORESI, ARTHUR P., Professor of Nuclear Engineering (C),  $\frac{1}{2}$  time, two months from June 16, 1962, \$611.11 a month; this is in addition to his present appointment (6-11-62).
- BOUSEMAN, JOHN K., Assistant in Entomology, July 1-August 15, 1962, \$667.22 (6-4-62).
- BOWERS, KENNETH, Counselor in the Student Counseling Service,  $\frac{1}{4}$  time, two months from June 16, 1962, \$223; this is in addition to his Research Assistantship in Psychology on  $\frac{1}{2}$  time (6-18-62).
- BRADFORD, JOHN, Assistant in Education (University High School), June 18-August 11, 1962, \$890 (6-11-62).
- BRADLEY, WAYNE E., Research Assistant in the State Water Survey, one year from July 1, 1962, \$6,600, supersedes (6-27-62).
- BRADY, U. EUGENE, Research Assistant in Entomology, two months from June 16, 1962, \$890, additional and superseding (6-11-62).
- BRISCOE, JOHN W., Professor of Civil Engineering and Associate Head of the Department (C), June 16-July 31, 1962, and August 15-31, 1962, \$1,400 a month; this is in addition to his present appointment (6-11-62).
- BRUGGE, JOHN F., Research Assistant in Physiology, two months from June 16, 1962, \$888.88 (6-8-62).
- BUCKLEY, DONALD W., Research Associate in Education (University High School), June 18-August 11, 1962, \$1,985; this is in addition to his present appointment (6-11-62).
- CALDWELL, RODERICK, Instructor in Mathematics, Summer Session of 1962, June 18-August 11, 1962, \$1,200 for the period (6-27-62).
- CARSS, MARJORIE C. H., Assistant in Mathematics, three months from June 16, 1962, \$1,767 (6-29-62).
- CATTELL, RAYMOND B., Research Professor of Psychology, two months from July 1, 1962, \$3,155.56; this is in addition to his present appointment (6-11-62).
- CHANDRAN, RAMAN SATISA, Research Assistant in Entomology, two months from June 16, 1962, \$888.88 (6-8-62).
- CHOW, WEN LUNG, Associate Professor of Mechanical Engineering (C),  $\frac{1}{2}$  time, two months from June 16, 1962, \$1,077.76; this is in addition to his present appointment and to his Summer Session appointment on  $\frac{1}{2}$  time (6-18-62).
- CIZOWSKI, RAYMOND, Registered Pharmacist in Manufacturing Pharmacy (Pharmacy), June 18, 1962-August 31, 1963, \$6,500 a year (6-21-62).
- CLARK, DOROTHY E., Counselor in the Student Counseling Service,  $\frac{3}{4}$  time, two months from June 16, 1962, \$1,225; this is in addition to her present appointment (6-20-62).
- COLEMAN, PAUL D., Professor of Electrical Engineering (C), two months from June 16, 1962, \$1,522.22 a month; this is in addition to his present appointment (6-18-62).
- COOK, RALPH L., Professor of Ceramic Engineering (S),  $\frac{1}{4}$  time, two months from June 16, 1962, \$750; this is in addition to his present appointment (6-18-62).
- COOK, ROBERT L., Counselor in Speech Summer Residential Program, 17/100 time, Summer Session of 1962, June 18-August 11, 1962, \$150 for the period (6-14-62).
- CORTEN, HERBERT T., Professor of Theoretical and Applied Mechanics (C), June

- 16-30, 1962 and August 20-September 15, 1962, \$1,277.78 a month; this is in addition to his present appointment (6-4-62).
- COSTIN, FRANK, Clinical Counselor in the Student Counseling Service,  $\frac{1}{2}$  time, two months from June 16, 1962, \$1,056; this is in addition to his present appointment and to his Summer Session appointment on  $\frac{1}{2}$  time (6-18-62).
- CRAIG, SUSANN E., Theatre Therapist in Speech Summer Residential Program, 45/100 time, Summer Session of 1962, June 18-August 11, 1962, \$400 for the period (6-8-62).
- CREW, JOHN E., Research Assistant Professor of Physics (C), two months from June 16, 1962, \$900 a month (6-29-62).
- CRUZ, JOSE B., JR., Research Associate Professor in the Coordinated Science Laboratory (C), two months from June 16, 1962, \$1,044.44 a month; this is in addition to his present appointment (6-18-62).
- DAVIES, MICHAEL S., Assistant in Electrical Engineering, Summer Session of 1962, June 18-August 11, 1962, \$889 for the period (6-8-62).
- DELEVORYAS, THEODORE, Associate Professor of Botany, one month from June 16, 1962, \$1,033.33; this is in addition to his present appointment (6-11-62).
- DEMARCO, WILLIAM, Psychologist in Speech Summer Residential Program, 45/100 time, Summer Session of 1962, June 18-August 11, 1962, \$400 for the period (6-8-62).
- DE WAN, EDMUND, Assistant in Education (University High School), June 18-August 11, 1962, \$955.55 (6-8-62).
- DIAMOND, DALE M., Research Associate in the Coordinated Science Laboratory (C), June 16-August 31, 1962, \$722.22 a month, supersedes; and for the academic year beginning September 1, 1962, \$6,800 (6-27-62).
- DIFERT, ARNOLD W., Instructor in Electrical Engineering, Summer Session of 1962, June 18-August 11, 1962, \$1,068 for the period, supersedes previous Summer Session appointment (6-8-62).
- DONOVAN, DENNIS G., Research Assistant in English, two months from June 16, 1962, \$911.10 (6-27-62).
- DULANY, DONELSON E., JR., Associate Professor of Psychology, June 16-August 31, 1962, \$2,513.90; this is in addition to his present appointment (6-11-62).
- EATON, JOHN L., Research Assistant in Entomology, two months from June 16, 1962, \$890 (6-29-62).
- EDWARDS, WILLIAM R., Research Associate in the Illinois State Natural History Survey, two months from July 1, 1962, \$616.66 a month (6-8-62).
- ELDRIDGE, WINFIELD H., Associate Professor of Astronomy, two months from July 1, 1962, \$911.11 a month; this is in addition to his present appointment (6-29-62).
- ELLINGSON, JOHN, Research Assistant in Microbiology, two months from June 16, 1962, \$888.88 (6-27-62).
- ENG, MRS. SARA, Assistant in Education (University High School), June 18-August 11, 1962, \$890 (6-11-62).
- EPPELSON, EUGENE, Visiting Assistant Professor of Education (University High School), June 18-August 11, 1962, \$2,000 (6-11-62).
- ERIKSEN, CHARLES W., Professor of Psychology, June 16-August 31, 1962, \$3,166.67; this is in addition to his present appointment (6-11-62).
- ERLENBORN, JAMES W., Physician in the Health Service (Medical Center), 3/10 time, three months from June 1, 1962, \$300 a month; this is in addition to his nonsalaried appointment as Clinical Assistant in Medicine (6-18-62).
- EWEN, ROBERT B., Research Assistant in Psychology, two months from June 16, 1962, \$888.88 (6-14-62).
- FENZL, RICHARD N., Assistant Professor of Agricultural Engineering (C and S), June 1, 1962-August 31, 1963, \$8,500 a year, supersedes (6-27-62).
- FIEDLER, FRED E., Professor of Psychology, June 16-August 31, 1962, \$3,000; this is in addition to his present appointment (6-11-62).
- FIELD, MARK G., Associate Professor of Sociology,  $\frac{1}{2}$  time, June 16-August 15, 1962, \$722.50 a month, and full time August 16-September 15, 1962, \$1,445 a month; this is in addition to his present appointment (6-29-62).
- FISHER, ROGER J., Research Assistant in Sociology, two months from June 16, 1962, \$1,200 (6-11-62).
- FLYNN, JAMES D., Supervisor of Counseling in the Student Rehabilitation Center, with rank of Instructor (College of Physical Education), four months from May 1, 1962, \$541.66 a month (6-29-62).



- FOGHT, MRS. MARTHA, Research Assistant in Zoology, two months from June 1, 1962, \$816.66 (6-14-62).
- FORSYTH, ARTHUR C., Associate Professor of Metallurgical Engineering (Civil Engineering) (S),  $\frac{1}{2}$  time, two months from June 16, 1962, \$966.68; this is in addition to his present appointment (6-11-62).
- FRANKMANN, RAYMOND W., Assistant Professor of Psychology, June 16-August 31, 1962, \$900 a month; this is in addition to his present appointment (6-18-62).
- FRAUENFELDER, HANS, Professor of Physics and Associate Director of the Coordinated Science Laboratory (C), June 16-July 21, 1962, and September 1-15, 1962, \$1,955.55 a month; this is in addition to his present appointment (6-11-62).
- FREUND, ERIC C., Research Associate in the Bureau of Community Planning, two months from June 1, 1962, \$641.75 a month (6-29-62).
- FRIEDERICH, ALLAN G., Associate Professor of Mechanical Engineering (Civil Engineering) (S), two months from June 16, 1962, \$1,755.56; this is in addition to his present appointment (6-11-62).
- FROST, STANLEY H., Research Assistant in Geology, June 18-August 11, 1962, \$889 (6-11-62).
- GILLFILLAN, RICHARD A., Assistant in Marketing (Agricultural Economics) (S), June 16-August 31, 1962, \$416.67 a month (6-29-62).
- GILPIN, JOHN B., Research Associate in Education (University High School), August 1, 1962-August 31, 1963, \$7,423 (6-27-62).
- GLASER, DANIEL, Associate Professor of Sociology, two months from June 16, 1962, \$2,155.56; this is in addition to his present appointment (6-11-62).
- GODDEN, WILLIAM G., Associate Professor of Civil Engineering (S), two months from June 16, 1962, \$2,222.24 (6-11-62).
- GOLDWASSER, EDWIN L., Professor of Physics (C), July 24-August 4, 1962, \$1,444.44 a month; this is in addition to his present appointment (6-18-62).
- GOLLAKOTA, KRISHNAMURTY, Visiting Research Associate in the School of Life Sciences, two months from June 16, 1962, \$1,200 (6-27-62).
- GONZALES-OJEDA, DOLORES, Research Assistant in Microbiology, June 7-September 15, 1962, \$444.44 a month (6-27-62).
- GORSKI, JOHN, Assistant Professor of Physiology, two months from June 16, 1962, \$1,666.66; this is in addition to his present appointment (6-11-62).
- GOVINDJEE, Assistant Professor of Botany, two months from June 16, 1962, \$1,555.56; this is in addition to his present appointment (6-11-62).
- GREENBERG, MICHAEL J., Assistant Professor of Zoology, June 16-August 31, 1962, \$2,014; this is in addition to his present appointment (6-29-62).
- GREIG, PATRICIA E., Counselor in the Student Counseling Service,  $\frac{1}{4}$  time, two months from June 16, 1962, \$223; this is in addition to her present appointment and to her United States Public Health Fellowship (6-18-62).
- GRIKE, LEO J., JR., Research Assistant in Physics (C), June 26-August 25, 1962, \$467 a month (6-18-62).
- GUBACK, THOMAS H., Research Assistant in the Institute of Communications Research, two months from June 16, 1962, \$888.88 (6-18-62).
- HAGER, LOWELL P., Research Associate Professor of Chemistry, two months from June 16, 1962, \$2,178; this is in addition to his present appointment (6-11-62).
- HAKE, HAROLD W., Professor of Psychology and Associate Head of the Department, two months from June 16, 1962, \$2,533.34; this is in addition to his present appointment (6-11-62).
- HALL, B. VINCENT, Professor of Zoology, two months from June 16, 1962, \$1,266.66 a month; this is in addition to his present appointment (6-11-62).
- HALL, WILLIAM J., Professor of Civil Engineering (S),  $\frac{1}{2}$  time, two months from June 16, 1962, \$1,388.90; this is in addition to his present appointment and to his Summer Session appointment on  $\frac{1}{2}$  time (6-11-62).
- HALTIWANGER, JOHN D., Professor of Civil Engineering (S), two months from June 16, 1962, \$2,488.88; this is in addition to his present appointment (6-11-62).
- HANDLER, PAUL, Associate Professor of Electrical Engineering (C), two months from June 16, 1962, \$1,111.11 a month; this is in addition to his present appointment (6-11-62).
- HARTLEY, THOMAS C., Associate Professor of General Engineering (Civil Engineering) (S),  $\frac{1}{2}$  time, two months from June 16, 1962, \$911.12; this is in addition to his present appointment (6-11-62).
- HEATH, EDWARD H., Counselor in the Student Counseling Service,  $\frac{1}{2}$  time, two

- months from June 16, 1962, \$700; this is in addition to his present appointment (6-18-62).
- HELLER, FLOYD N., Assistant in Anesthesia (Department of Surgery) (Medicine), two months from May 1, 1962, without salary (6-8-62).
- HENDRICKS, CHARLES D., JR., Associate Professor of Electrical Engineering (C), two months from June 16, 1962, \$1,166.67 a month; this is in addition to his present appointment (6-27-62).
- HENRY, JOHN A., Counselor in the Student Counseling Service, two months from July 1, 1962, \$2,356; this is in addition to his present appointment (6-18-62).
- HIRSCH, JERRY, Associate Professor of Psychology, June 16-August 31, 1962, \$2,444.45; this is in addition to his present appointment (6-11-62).
- HOFFMANN, JOSEPH R., Research Associate in Education (University High School), June 18-August 11, 1962, \$1,800 (6-27-62).
- HOLLAND, WILLIAM R., Research Associate in Anthropology, two months from June 16, 1962, \$1,800 (6-27-62).
- HORN, JOHN, Research Associate in Psychology, three months from June 16, 1962, \$533.33 a month (6-18-62).
- HSIAO, THEODORE CHING-TEH, Assistant in Soil Fertility (Agronomy) (S), June 16-August 31, 1962, \$1,138.90 (6-18-62).
- HUDSON, PAUL K., Assistant Professor of Electrical Engineering, Summer Session of 1962, June 18-August 11, 1962, \$2,000 for the period, supersedes previous Summer Session appointment (6-18-62).
- HUMPHREYS, LLOYD G., Professor of Psychology and Head of the Department,  $\frac{1}{2}$  time, two months from June 16, 1962, \$1,888.90; this is in addition to his present appointment and to his Summer Session appointment on  $\frac{1}{2}$  time (6-11-62).
- HUNT, J. M., Professor of Psychology, two months from June 16, 1962, \$3,333.34; this is in addition to his present appointment (6-11-62).
- HUNTER, RONDA F., Research Assistant in Psychology, June 16-June 30, 1962, \$222.22 (6-14-62).
- INGLE, LESTER, Professor of Zoology, two months from June 16, 1962, \$2,488.88; this is in addition to his present appointment (6-14-62).
- IRELAND, HERBERT O., Professor of Civil Engineering (S),  $\frac{1}{2}$  time, June 16-August 15, 1962, \$1,222.22; this is in addition to his present appointment and to his Summer Session appointment (6-8-62).
- JACKSON, JOHN D., Professor of Physics (C), June 16-July 15, 1962, and August 16-September 15, 1962, \$1,566.66 a month; this is in addition to his present appointment (5-31-62).
- JACKSON, JOSEPH F., Professor of French, 31/100 time, June 18-August 11, 1962, \$850; this is in addition to his present appointment (6-11-62).
- JACOBS, HARRY L., Associate Professor of Psychology, June 16-August 31, 1962, \$2,444.45; this is in addition to his present appointment (6-8-62).
- JAKOBOVITS, LEON A., Research Associate in the Institute of Communications Research, three months from May 15, 1962, \$722.22 a month, supersedes (6-29-62).
- JEGLA, THOMAS C., Research Assistant in Zoology, two months from June 16, 1962, \$889 (6-18-62).
- JERRARD, RICHARD P., Assistant Professor of Mathematics, June 16-August 31, 1962, \$2,528; this is in addition to his present appointment (5-31-62).
- JOHNSON, WILLIAM H., Associate Professor of Animal Science (S), two months from July 1, 1962, \$1,933.34; this is in addition to his present appointment (5-31-62).
- JORDAN, WAYNE R., Assistant in Soil Physics (Agronomy) (S), June 11-August 31, 1962, \$416.67 a month, supersedes (6-18-62).
- JULIAN, JAMES W., Research Associate in Psychology,  $\frac{2}{3}$  time, two months from June 16, 1962, \$355.56 a month; this is in addition to his present appointment (6-11-62).
- KENDEIGH, S. CHARLES, Professor of Zoology, one month from June 16, 1962, \$1,489; this is in addition to his present appointment (6-11-62).
- KEYNAN, ALEXANDER, Visiting Lecturer in Chemistry,  $\frac{2}{3}$  time, two months from June 16, 1962, \$1,000 (6-22-62).
- KIEN, GERALD A., Assistant Professor of Pharmacology (Medicine), two months from July 1, 1962, \$1,033.34 a month; this is in addition to his present appointment (6-18-62).

- KIMURA, HIROSHI, Research Associate in Food Technology (S), June 16, 1962-August 31, 1963, \$516.67 a month (6-29-62).
- KING, MRS. COLLENE B., Instructor in Home Economics-Child Development, Summer Session of 1962, June 18-August 11, 1962, \$1,245 for the period (6-27-62).
- KINNEY, PAUL T., Assistant Professor of Finance, two months from June 16, 1962, \$955.56 a month; this is in addition to his present appointment (6-8-62).
- KNAKE, RONALD W., Research Assistant in Ceramic Engineering (S), two months from June 16, 1962, \$900 (6-29-62).
- KNUDSON, BONNIE C., Counselor in Speech Summer Residential Program, 17/100 time, Summer Session of 1962, June 18-August 11, 1962, \$150 for the period (6-14-62).
- KOEHLER, JAMES, Professor of Physics (C), June 16-July 31, 1962, and September 1-15, 1962, \$1,611.11 a month; this is in addition to his present appointment (5-31-62).
- KONZ, MARVIN J., Research Assistant in Chemistry, two months from June 16, 1962, \$978, supersedes (6-14-62).
- KOPPLIN, JULIUS O., Research Associate Professor in the Coordinated Science Laboratory (C), two months from June 16, 1962, \$1,077.78 a month; this is in addition to his present appointment (6-18-62).
- KORST, HELMUT H., Professor of Mechanical Engineering (C), two months from June 16, 1962, \$3,666.66; this is in addition to his present appointment (6-18-62).
- KRANTZ, PAUL, Assistant in Education (University High School), June 18-August 11, 1962, \$890 (6-11-62).
- KRUIDENIER, FRANCIS J., Professor of Zoology, two months from June 16, 1962, \$1,112 a month; this is in addition to his present appointment (6-11-62).
- KRYSAN, JAMES L., Research Assistant in Entomology, two months from June 16, 1962, \$888.88, supersedes (6-18-62).
- KUBOTA, MITSURU, Visiting Lecturer in Chemistry, two months from June 16, 1962, \$1,700 (6-18-62).
- KUPPERMANN, ARON, Research Associate Professor of Chemistry, two months from June 16, 1962, \$2,045; this is in addition to his present appointment (6-18-62).
- LANGENHEIM, RALPH L., Research Assistant Professor of Geology, two months from June 16, 1962, \$1,734; this is in addition to his present appointment (6-11-62).
- LARSON, VIVIAN P., Assistant in Home Economics, Summer Session of 1962, June 18-July 14, 1962, \$567 for the period (6-27-62).
- LATHROPE, DONALD E., Associate Professor of Rural Sociology (Agricultural Economics) (C),  $\frac{1}{2}$  time, two months from June 16, 1962, \$1,188.88; this is in addition to his present appointment (6-18-62).
- LAUGHNAN, JOHN R., Professor of Botany, two months from June 16, 1962, \$3,234; this is in addition to his present appointment (6-18-62).
- LAZARUS, DAVID, Professor of Physics (C), June 16-July 15, 1962, and August 16-September 15, 1962, \$1,277.77 a month; this is in addition to his present appointment (5-31-62).
- LEACH, JAMES L., Assistant Coordinator of International Cooperation Programs (Provost's Office and College of Engineering),  $\frac{1}{2}$  time, two months from June 16, 1962, \$556 a month; this is in addition to his present appointment (6-18-62).
- LEHMANN, JOHN R., Instructor in Electrical Engineering, Summer Session of 1962, June 18-August 11, 1962, \$1,423 for the period, supersedes previous Summer Session appointment (6-18-62).
- LICHTENBERGER, WILLIAM W., Research Assistant Professor in the Coordinated Science Laboratory (C), two months from June 16, 1962, \$1,000 a month; this is in addition to his present appointment (6-18-62).
- LINDBLAD, NERO R., Research Assistant in the State Water Survey, one year from July 1, 1962, \$6,000, supersedes (6-27-62).
- LONDON, PERRY, Assistant Professor of Psychology, June 16-August 31, 1962, \$2,166.67; this is in addition to his present appointment (6-8-62).
- LOW, MRS. LEONE, Instructor in Mathematics,  $\frac{1}{2}$  time, June 16-August 15, 1962, and full time, August 16-31, 1962, \$1,000; this is in addition to her present appointment and to her Summer Session appointment on  $\frac{1}{2}$  time (5-31-62).

- LYMAN, ERNEST M., Research Professor in the Coordinated Science Laboratory (C), two months from June 16, 1962, \$1,477.77 a month; this is in addition to his present appointment (6-18-62).
- MACHNE, XENIA, Assistant Professor of Pharmacology (Medicine), two months from July 1, 1962, \$1,033.34 a month; this is in addition to her present appointment (6-18-62).
- MAJORS, JAMES S., Research Assistant in Psychology, two months from June 16, 1962, \$888.88 (6-11-62).
- MANWELL, CLYDE, Assistant Professor of Physiology, June 16-August 31, 1962, \$2,430.55; this is in addition to his present appointment (6-8-62).
- MARQUARDT, WILLIAM C., Associate Professor of Veterinary Pathology and Hygiene (Veterinary Medicine), two months from June 16, 1962, \$1,056 a month (6-18-62).
- MASALSKI, WILLIAM J., Research Associate in Education (University High School), June 16-August 11, 1962, \$1,800; and for the academic year beginning September 1, 1962, \$8,100 (6-27-62).
- MAST, P. EDWARD, Associate Professor of Electrical Engineering (C), June 16-30, 1962, \$1,077.77 a month; this is in addition to his present appointment (6-18-62).
- MATHIEU, JEAN M. V., Research Assistant in Entomology, two months from July 1, 1962, \$890 (6-11-62).
- MAURER, ROBERT J., Professor of Physics (C), June 16-30, 1962, and August 1-September 15, 1962, \$1,800 a month; this is in addition to his present appointment (5-31-62).
- MCCABE, MRS. NANCIE M., Research Assistant in Chemistry, three months from June 1, 1962, \$500 a month (6-11-62).
- MCCRIMMON, MRS. BARBARA J. S., Research Associate in the Bureau of Community Planning,  $\frac{1}{2}$  time, one year from June 1, 1962, \$2,925 (6-18-62).
- MCDONALD, VINCENT J., Associate Professor of Civil Engineering (S), two months from June 16, 1962, \$2,000; this is in addition to his present appointment (6-8-62).
- MCMURRAY, WALTER J., Research Assistant in Chemistry, two months from June 16, 1962, \$978, supersedes (6-14-62).
- MEISSEN, MARVIN F., Assistant in Soil Fertility (Agronomy) (S), three months from June 1, 1962, \$416.67 a month, supersedes (6-18-62).
- MERRITT, J. LEVERING, Associate Professor of Civil Engineering (S), two months from June 16, 1962, \$1,977.78; this is in addition to his present appointment (6-8-62).
- MEUWESE, WILHELMUS A. T., Research Assistant in Psychology, June 16-August 31, 1962, \$1,111.10 (6-8-62).
- MILLER, IRVING M., Instructor in English (Chicago Undergraduate Division), Summer Session of 1962, June 22-August 17, 1962, \$1,556 for the period (6-8-62).
- MOORE, DUANE M., Research Assistant in Geology, two months from June 16, 1962, \$889 (6-8-62).
- MORRIS, CHARLES E., JR., Assistant in Mathematics, three months from June 16, 1962, \$1,934; this is in addition to his present appointment (6-29-62).
- MORROW, JO DEAN, Associate Professor of Theoretical and Applied Mechanics (C), June 16-July 15, 1962, and August 1-31, 1962, \$1,000 a month; this is in addition to his present appointment (6-5-62).
- MUELLER, EUGENE A., Research Associate in the State Water Survey, one year from July 1, 1962, \$10,800, supersedes (6-27-62).
- MUELLER, JOSEPH, Assistant in Education (University High School), June 18-August 11, 1962, \$890 (6-11-62).
- MUELLER, THOMAS J., Assistant Professor of Mechanical Engineering (C), June 16-August 31, 1962, \$2,250; this is in addition to his present appointment (6-5-62).
- MUHLSTADT, WILLIAM J., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1962, \$1,125 (7-5-62).
- MUNSE, WILLIAM H., Professor of Civil Engineering (S),  $\frac{1}{2}$  time, two months from June 16, 1962, \$1,538.90; this is in addition to his present appointment and to his Summer Session appointment on  $\frac{1}{2}$  time (6-8-62).
- MURDY, WILLIAM H., Research Associate in Botany, two months from June 16, 1962, \$1,083.34 (6-18-62).

- MUSLIN, HYMAN L., Instructor in Psychiatry (Medicine), July 1, 1962-June 30, 1963, \$13,500 a year, supersedes (6-22-62).
- NAGATA, SHUICHI, Research Assistant in Anthropology, June 16-August 31, 1962, \$1,111.10; and Research Associate in Anthropology, one year from September 1, 1962, \$5,850 (6-27-62).
- NALBANDOV, MRS. OLGA G., Research Associate in Entomology,  $\frac{1}{2}$  time, six months from March 1, 1962, \$1,800 (6-11-62).
- NANNEY, DAVID L., Professor of Zoology, two months from June 16, 1962, \$1,477.78 a month; this is in addition to his present appointment (6-11-62).
- NARASINGA-RAO, KOTCHERLAKOTA V., Research Associate in Electrical Engineering (S), three months from June 1, 1962, \$625 a month, supersedes (6-8-62).
- NELSON, JAMES C., Assistant in Mathematics, three months from June 16, 1962, \$1,900 (6-29-62).
- NELSON, WAYNE B., Assistant in Mathematics, June 16-August 31, 1962, \$444.44 a month (5-31-62).
- NESSELROADE, JOHN R., Research Assistant in Psychology, June 16-August 31, 1962, \$1,111.10 (6-18-62).
- NEWMARK, NATHAN M., Professor of Civil Engineering and Head of the Department (C and S),  $\frac{3}{4}$  time, two months from June 16, 1962, \$3,666.66; this is in addition to his present appointment and to his Summer Session appointment on  $\frac{1}{4}$  time (6-8-62).
- NISHIJIMA, KAZUHIKO, Professor of Physics (C), two months from June 16, 1962, \$1,555.55 a month; this is in addition to his present appointment (6-8-62).
- NIXON, JAMES E., Resident Manager, Single Graduate Halls, June 11-August 31, 1962, \$250 a month, supersedes; and one year from September 1, 1962, \$3,000; for the convenience of the University he will also be furnished an apartment (6-27-62).
- NORMANDIN, DIANE K., Instructor in Veterinary Anatomy and Histology (Veterinary Medicine), academic year beginning September 1, 1962, \$6,000 (5-31-62).
- OLSON, MRS. SALLY, Research Assistant in Zoology, two months from June 16, 1962, \$889 (6-18-62).
- PAL, DILIP K., Research Assistant in the Bureau of Community Planning, two months from June 16, 1962, \$444.44 a month (6-18-62).
- PANKIN, KATE, Assistant in Education (University High School), June 18-August 11, 1962, \$890 (6-18-62).
- PARKER, EDWIN B., Research Assistant Professor in the Institute of Communications Research, two months from June 16, 1962, \$1,724.44; this is in addition to his present appointment (6-18-62).
- PAROCHETTI, JAMES, Assistant in Farm Management (Agricultural Economics) (S), two months from July 1, 1962, \$911.12 (6-18-62).
- PASTIKA, MRS. MADDALENA F., Assistant in Anesthesiology (Surgery) (Medicine), two months from May 1, 1962, without salary (6-11-62).
- PATTON, EARL D., Visiting Lecturer in Education, Summer Session of 1962,  $\frac{1}{2}$  time, June 18-August 11, 1962, \$1,000 for the period (6-18-62).
- PEARSON, ROBERT E., Pharmacy Resident in Hospital Pharmacy (Research and Educational Hospitals) (Pharmacy),  $\frac{1}{2}$  time, June 1, 1962-August 31, 1963, \$1,500 a year; for the convenience of the University he will also receive room, board, and uniforms (6-18-62).
- PEASE, DAVID W., JR., Assistant in Education (University High School), June 18-August 11, 1962, \$1,178 (6-11-62).
- PETERSON, KARLA J., Research Assistant in Physiology, two months from June 16, 1962, \$888.88 (6-8-62).
- PIERCE, HELEN W., Visiting Lecturer in Education, July 2-August 24, 1962, \$2,000 (6-8-62).
- PORTER, LAURELLEN, Assistant to the Dean of Women, two months from July 1, 1962, \$475 a month; for the convenience of the University she will also receive an apartment and meals while the dining rooms are in operation valued at \$31 a month (6-11-62).
- POTTE, MARCIA S., Research Assistant in Chemistry, two months from July 1, 1962, \$817 (6-18-62).
- POWNALL, GEORGE A., Research Assistant in Sociology, two months from June 16, 1962, \$1,055.56 (6-11-62).

- PROSSER, C. LADD, Professor of Physiology,  $\frac{3}{4}$  time, two months from June 16, 1962, \$2,000; this is in addition to his present appointment (6-21-62).
- PURITT, MRS. SHEILA, Research Assistant in Anthropology, June 16-August 31, 1962, without salary (6-5-62).
- RABIN, MARVIN, Visiting Lecturer in Music,  $\frac{1}{4}$  time, Summer Session of 1962, June 18-August 11, 1962, \$400 for the period (6-8-62).
- RABINOWITCH, EUGENE, Professor of Botany, two months from June 16, 1962, \$3,111.12; this is in addition to his present appointment (6-8-62).
- RAFF, LIONEL M., Research Associate in Chemistry, two months from June 16, 1962, \$1,000 (6-18-62).
- RAJAN, N. S. SUNDARA, Research Associate in the Radiocarbon Laboratory, two months from June 16, 1962, \$600 a month (6-11-62).
- RAO, CHIVUKULA R., Research Assistant in Mathematics, two months from June 16, 1962, \$890 (6-18-62).
- REINER, IRVING, Professor of Mathematics, June 16-August 31, 1962, \$4,056; this is in addition to his present appointment (5-31-62).
- ROBERTS, DONALD M., Assistant Professor of Mathematics, June 16-August 31, 1962, \$811.11 a month; this is in addition to his present appointment (5-31-62).
- ROBINSON, ARTHUR R., Associate Professor of Civil Engineering (S),  $\frac{1}{2}$  time, two months from June 16, 1962, \$1,077.78; this is in addition to his present appointment and to his Summer Session appointment on  $\frac{1}{4}$  time (6-8-62).
- RODWAN, ALBERT S., Research Assistant in Psychology, June 16-August 31, 1962, \$444.44 a month (6-11-62).
- ROE, LOUIS, Assistant in Anesthesiology (Surgery) (Medicine), three months from April 1, 1962, without salary (6-11-62).
- ROEDER, ROBERT C., Assistant in Astronomy, two months from June 16, 1962, \$889 (6-14-62).
- RUCKER, WALTER, Assistant in Education (University High School), June 18-August 11, 1962, \$890 (6-18-62).
- RUNDUS, ROBERT E., Research Associate in Education (University High School), two months from July 1, 1962, \$1,800; and for the academic year beginning September 1, 1962, \$8,100 (6-27-62).
- RUSSO, ALEXANDER J., Assistant in the Radiocarbon Laboratory, June 1-August 15, 1962, \$444.44 a month (6-8-62).
- SARD, ROBERT D., Professor of Physics (C), June 16-July 31, 1962, and September 1-15, 1962, \$1,555.55 a month; this is in addition to his present appointment (5-31-62).
- SARGENT, FREDERICK, II, Professor of Physiology, two months from June 16, 1962, \$2,233.32; this is in addition to his present appointment (6-8-62).
- SCHEYER, FREDERICK D., Assistant in the Institute of Aviation, June 16-August 31, 1962, \$465 a month (5-31-62).
- SCHILL, WILLIAM J., Assistant Professor of Education, Summer Session of 1962, June 18-August 11, 1962, \$1,889 for the period (6-28-62).
- SCHULZ, ARTHUR R., Visiting Lecturer in Chemistry, Summer Session of 1962, June 18-August 11, 1962, \$1,867 for the period (6-14-62).
- SHANNON, DONALD T., Assistant Professor of Psychology, two months from June 16, 1962, \$1,800; this is in addition to his present appointment (6-8-62).
- SHAW, GAYLORD E., Assistant in Veterinary Pathology and Hygiene (Veterinary Medicine), full time, June 16-September 15, 1962, \$408.33 a month; and  $\frac{2}{3}$  time, September 16, 1962-August 31, 1963, \$275 a month (6-4-62).
- SIBINOVIC, STEVAN M., Research Assistant in Veterinary Pathology and Hygiene (Veterinary Medicine), July 1, 1962-August 31, 1963, \$4,900 a year (7-2-62).
- SIEGFRIED, ROBERT, Research Associate Professor in the Division of General Studies, June 16-August 31, 1962, \$955.56 a month; this is in addition to his present appointment (6-11-62).
- SISS, CHESTER P., Professor of Civil Engineering (S), two months from June 16, 1962, \$3,077.78; this is in addition to his present appointment (6-8-62).
- SIMMONS, HOWARD J., Research Assistant in Physiology, two months from June 16, 1962, \$888.88 (6-11-62).
- SIMMONS, RALPH O., Associate Professor of Physics (C), two months from June 16, 1962, \$966.67 a month; this is in addition to his present appointment (6-8-62).

- SIMONSEN, ELAINE, Assistant in Education (University High School), June 18-August 11, 1962, \$888.88 (6-8-62).
- SINCLAIR, GEORGE M., Professor of Theoretical and Applied Mechanics (C), one month from June 16, 1962, and one month from August 1, 1962, \$1,400 a month; this is in addition to his present appointment (6-4-62).
- SINGH, H. DEVENDRA, Research Associate in Animal Science (S), May 17, 1962-April 30, 1963, \$5,850 a year, supersedes (6-22-62).
- SINNAMON, GEORGE K., Professor of Civil Engineering (S), two months from June 16, 1962, \$2,222.24; this is in addition to his present appointment (6-8-62).
- SIRKIS, MURRAY D., Associate Professor of Electrical Engineering (C), two months from June 16, 1962, \$1,188.89 a month; this is in addition to his present appointment (6-8-62).
- SLICHTER, CHARLES P., Professor of Physics (C), June 16-July 15, 1962, and August 16-September 15, 1962, \$1,888.88 a month; this is in addition to his present appointment (6-8-62).
- SLOTNICK, BURTON, Research Assistant in Physiology, two months from June 16, 1962, \$888.88, supersedes (6-18-62).
- SMITH, JAMES H., Professor of Physics (C), one month from August 1, 1962, \$1,133.33; this is in addition to his present appointment (6-8-62).
- SMITH, JULIUS, Instructor in Mathematics, Summer Session of 1962, June 18-August 11, 1962, \$1,512 for the period (6-18-62).
- SMITH, LEONE M., Instructor in Education, Summer Session of 1962, June 18-August 11, 1962, \$1,400 for the period (6-18-62).
- SMITH, RICHARD R., Assistant in Plant Breeding (Agronomy) (S), June 11-August 31, 1962, \$416.67 a month (6-18-62).
- SMITH, ROBERT M., Research Assistant in the Institute for Research on Exceptional Children, June 18-August 11, 1962, \$477.78 a month (6-11-62).
- SMITH, WALTER L., Research Assistant in the Office of Instructional Research (Provost's Office), June 16, 1962-August 31, 1963, \$7,200 a year (6-27-62).
- SNYDER, HAROLD R., Associate Dean of the Graduate College and Research Professor of Organic Chemistry (Liberal Arts and Sciences), two months from June 16, 1962, \$3,645; additional and superseding (5-31-62).
- SOZEN, METE A., Associate Professor of Civil Engineering (S),  $\frac{1}{2}$  time, two months from June 16, 1962, \$1,055.56; this is in addition to his present appointment and to his Summer Session appointment on  $\frac{1}{2}$  time (6-8-62).
- STALLMEYER, JAMES E., Professor of Civil Engineering (S),  $\frac{1}{2}$  time, two months from June 16, 1962, \$1,222.22; this is in addition to his present appointment and to his Summer Session appointment on  $\frac{1}{2}$  time (6-8-62).
- STAPLETON, HARVEY J., Assistant Professor of Physics (C), two months from June 16, 1962, \$800 a month; this is in addition to his present appointment (6-8-62).
- STEFFENSEN, DALE M., Associate Professor of Botany, two months from June 16, 1962, \$2,666.66; this is in addition to his present appointment (6-8-62).
- STEGGERDA, FREDERIC R., Professor of Physiology,  $\frac{4}{5}$  time, two months from June 16, 1962, \$2,138.88; this is in addition to his present appointment (6-14-62).
- STEINER, IVAN D., Professor of Psychology,  $\frac{1}{2}$  time, June 16-August 15, 1962, \$1,200; this is in addition to his present appointment (6-8-62).
- STIPPES, MARVIN C., Professor of Theoretical and Applied Mechanics (C),  $\frac{1}{2}$  time, June 16-August 9, 1962, and September 10-September 15, 1962, \$600 a month; this is in addition to his present appointment and to his Summer Session appointment on  $\frac{1}{2}$  time (6-5-62).
- STOLUROW, LAWRENCE M., Professor of Psychology, one month from June 16, 1962, \$1,177.78; this is in addition to his present appointment (6-27-62).
- STORCH, RICHARD H., Research Assistant in Entomology, two months from June 16, 1962, \$888.88 (6-8-62).
- STURMTHAL, ADOLF F., Professor of Labor and Industrial Relations, one month from June 16, 1962, \$1,650; this is in addition to his present appointment (6-4-62).
- SUH, DAVID K., Research Assistant in Psychology, one month from June 16, 1962, \$444.44 (6-27-62).
- SUZUKI, MICHIO, Professor of Mathematics, June 16-August 31, 1962, \$2,000 a month; this is in addition to his present appointment (6-11-62).

- SWENSON, GEORGE, Professor of Electrical Engineering and of Astronomy (Engineering), two months from June 16, 1962, \$1,444.44 a month; this is in addition to his present appointment (6-18-62).
- SYKES, JOHN, Research Associate in Chemistry, two months from June 16, 1962, \$1,667; this is in addition to his present appointment (6-18-62).
- SZABO, STEVEN, Research Associate in Education (University High School), June 16-August 11, 1962, \$1,800; and for the academic year beginning September 1, 1962, \$8,100 (6-27-62).
- TANG, CHIEN-HUI, Research Assistant in Electrical Engineering (S), June 16-August 31, 1962, \$500 a month, supersedes (6-18-62).
- THURMON, JOHN C., Instructor in Veterinary Clinical Medicine (Veterinary Medicine), 7/10 time, and in Veterinary Research (Agricultural Experiment Station), 3/10 time, July 1, 1962-August 31, 1963, \$7,000 a year (6-27-62).
- TICHENOR, DUANE, Instructor in Education, Summer Session of 1962, June 18-August 11, 1962, \$1,334 for the period (6-8-62).
- TOBE, MARTIN L., Visiting Lecturer in Chemistry and Chemical Engineering, Summer Session of 1962, June 18-August 11, 1962, \$1,700 for the period (6-8-62).
- TOMCZYK, JOHN R., Assistant (Reading) in the Student Counseling Service, 1/2 time, June 18-August 11, 1962, \$533 (6-22-62).
- TRAFTON, CLINTON L., Research Assistant in Psychology, two months from July 1, 1962, \$888.88 (6-27-62).
- TRJITZINSKY, WALDEMAR J., Professor of Mathematics, two months from July 1, 1962, \$3,290; this is in addition to his present appointment (6-5-62).
- TROTT, BEVERLY D., Research Associate in Metallurgy (C), two months from July 1, 1962, \$600; this is in addition to his present appointment (6-5-62).
- TSUDA, MASUMI, Visiting Research Assistant in Labor and Industrial Relations, one year from July 1, 1962, \$4,900 (6-4-62).
- TUCKWOOD, DWIGHT O., Undergraduate Librarian in the Library, with rank of Instructor, two months from July 1, 1962, \$7,400 a year, and one year from September 1, 1962, \$8,200 (6-27-62).
- TUMAN, VLADIMIR S., Associate Professor of Petroleum Engineering (C), June 16-August 8, 1962, \$1,066.66 a month; this is in addition to his present appointment (6-8-62).
- VAN HOLDE, KENSAL E., Research Associate Professor of Chemistry, two months from June 16, 1962, \$2,089; this is in addition to his present appointment (6-11-62).
- VELETOS, ANESTIS S., Professor of Civil Engineering (S), two months from June 16, 1962, \$2,666.66; this is in addition to his present appointment (6-8-62).
- VERDEYEN, JOSEPH T., Assistant Professor of Electrical Engineering (C), June 16-August 31, 1962, \$833.33 a month, supersedes (6-29-62).
- WALLACE, DONALD M., Assistant in Mechanical and Industrial Engineering, Summer Session of 1962, June 18-August 11, 1962, \$934 for the period, supersedes previous Summer Session appointment (6-8-62).
- WALLACE, WILLIAM H., Assistant in Finance, two months from June 16, 1962, \$444.44 a month (6-8-62).
- WARE, EDWARD E., Research Assistant Professor in the Institute of Communications Research, two months from June 16, 1962, \$833.33 a month (6-18-62).
- WATANABE, SHOSUKE, Research Associate in Psychiatry (Medicine), May 16-August 31, 1962, \$541.67 a month (6-8-62).
- WAX, NELSON, Research Professor in the Coordinated Science Laboratory (C), one month from June 16, 1962, \$1,722.22; this is in addition to his present appointment (6-18-62).
- WAYMAN, CLARENCE M., Associate Professor of Metallurgical Engineering (C), June 16-August 31, 1962, \$911.11 a month, additional and superseding (6-27-62).
- WEBB, HAROLD D., Professor of Electrical Engineering (C), two months from June 16, 1962, \$1,222.22 a month; this is in addition to his present appointment (6-18-62).
- WEIDERT, JOHN F., Assistant Extension Editor, with rank of Instructor (E), July 1, 1962-August 31, 1963, \$6,400 a year (6-27-62).
- WEIR, MORTON W., Assistant Professor of Psychology, June 16-August 31, 1962, \$2,083.33; this is in addition to his present appointment (6-8-62).



- WHEATLEY, JOHN C., Professor of Physics (C), August 16-September 15, 1962, \$1,277.77; this is in addition to his present appointment (5-31-62).
- WHITE, PETER B., Research Assistant in Metallurgy (C), two months from July 1, 1962, \$488.88 a month (6-8-62).
- WIJSMAN, ROBERT A., Associate Professor of Mathematics, June 16-August 31, 1962, \$2,722; this is in addition to his present appointment (5-31-62).
- WILF, HERBERT S., Research Assistant Professor of Mathematics, June 16-August 31, 1962, \$944.44 a month; this is in addition to his present appointment (6-11-62).
- WILLIAMS, KENNETH, Research Assistant in Zoology, two months from June 16, 1962, \$889 (6-14-62).
- WILLIS, EDWARD, Assistant in Animal Science (S), June 8, 1962-August 31, 1963, \$5,000 a year (6-27-62).
- WINDSOR, DONALD A., Research Assistant in Zoology, two months from June 16, 1962, \$889 (6-18-62).
- WISEMAN, DOUGLAS, Research Assistant in the Institute for Research on Exceptional Children, June 18-August 11, 1962, \$477.78 a month (6-11-62).
- YEN, YAO-TUNG, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1962, \$933.32 (6-11-62).

#### GRADUATE FELLOWS

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

- AKITT, DONALD P., General Telephone and Electronics Laboratories Fellow in Electrical Engineering, nine months from September 16, 1962, \$2,500 (5-31-62).
- ALCALDE, VICTOR M., United States Public Health Service Fellow (Trainee) in Pediatrics, one year from July 1, 1962, \$6,000 (6-11-62).
- ALLERHAND, ADAM, Postdoctoral Fellow in Chemistry, one year from October 1, 1962, \$5,500 (6-11-62).
- ARNOFF, WILLIAM H., United States Public Health Service Fellow (Trainee) in Psychiatry, one year from July 1, 1962, \$12,000 (6-20-62).
- ARONSON, NEIL G., Medical Student Summer Quarter Fellow in Pediatrics, three months from June 16, 1962, \$600 (6-5-62).
- ARUGUETE, JOSE, Medical Student Alternative Quarter Fellow, June 16-August 31, 1962, \$200 (5-21-62).
- BAGBY, ROLAND M., United States Public Health Service Fellow (Trainee) in Physiology, one year from June 16, 1962, \$2,666, supersedes (6-8-62).
- BAILEY, THOMAS E., Summer Quarter Fellow in Chemistry (Pharmaceutical), three months from June 16, 1962, \$600 (5-28-62).
- BALDWIN, FLETCHER N., JR., Fellow in Law, Summer Session of 1962, June 18-August 11, 1962, \$375 for the period (6-7-62).
- BARRIS, ROBERT G., Fellow (Intern) in Government and Public Affairs, one year from July 1, 1962, \$2,700 (6-12-62).
- BATCHELDER, DAVID N., Sprague Electric Company Teaching Fellow in Physics, nine months from September 16, 1962, \$2,000 (6-19-62).
- BROOKER, ELMER W., Engineering Faculty Development Fellow in Civil Engineering, one year from September 1, 1962, \$1,360 (6-12-62).
- BUEHL, WALTER M., Monsanto Chemical Company Summer Fellow in Chemical Engineering, two months from June 16, 1962, \$500 (6-6-62).
- BURROUS, STANLEY E., Postdoctoral Fellow (Trainee) in Microbiology, three months from June 16, 1962, \$1,650 (6-27-62).
- CAMPBELL, MRS. WILLIE M., National Science Foundation Cooperative Fellow in Zoology, one year from September 1, 1962, \$2,400 (6-20-62).
- CASTELLANO, CHARLES R., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1962, \$2,000 (6-19-62).
- CHERRINGTON, BLAKE E., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1962, \$3,000 (6-14-62).
- CLARKE, RICHARD B., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1962, \$600 (6-4-62).
- COATES, DAVID E., Engineering Faculty Development Teaching Fellow in Nuclear Engineering, one year from September 1, 1962, \$1,900 (6-12-62).
- CORNET, JOANN M., United States Public Health Service Fellow (Trainee) in Pediatrics, one year from July 1, 1962, \$6,200 (6-11-62).

- CUTLER, JANET A., Office of Vocational Rehabilitation Fellow (Trainee) in Education, two months from June 16, 1962, \$500 (6-13-62).
- DEAL, WILLIAM C., Postdoctoral Fellow (Trainee) in Chemistry, one month from July 1, 1962, \$540 (6-14-62).
- DODD, GEORGE G., Television Shares Management Teaching Fellow in Electrical Engineering, nine months from September 16, 1962, \$1,989 (5-31-62).
- DOROSZ, LEON C., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1962, \$2,400 (6-8-62).
- DRAPER, MILTON, United States Public Health Service Fellow (Trainee) in Physiology, July 1-September 16, 1962, \$375 (6-14-62).
- EDWARDS, JOHN R., United States Public Health Service Fellow (Trainee) in Biological Chemistry, one year from July 1, 1962, \$2,300 (6-11-62).
- ELZINGA, MARSHALL G., United States Public Health Service Fellow (Trainee) in Physiology, one year from June 16, 1962, \$2,666 (6-8-62).
- FISCHINGER, PETER J., Medical Student Alternative Quarter Fellow, June 16-August 31, 1962, \$200 (5-21-62).
- FITZGERALD, JAMES E., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from June 1, 1962, \$5,200 (6-4-62).
- GANTT, RALPH R., United States Public Health Service Fellow (Trainee) in Biological Chemistry, one year from July 1, 1962, \$2,300 (6-11-62).
- GENSKOW, JACK K., Office of Vocational Rehabilitation Fellow (Trainee) in Education, two months from June 16, 1962, \$500 (6-13-62).
- GLADER, BERTIL E., United States Public Health Service Fellow (Trainee) in Physiology, one year from July 1, 1962, \$2,600 (6-14-62).
- GOODE, JOHN W., Medical Student Summer Quarter Fellow in Pharmacology, three months from June 16, 1962, \$600 (6-2-62).
- GRADY, LEE T., Summer Quarter Fellow in Chemistry (Pharmaceutical), three months from June 16, 1962, \$600 (5-28-62).
- GRALLER, JACK L., United States Public Health Service Fellow (Trainee) in Psychiatry, one year from July 1, 1962, \$2,400 (6-20-62).
- GREEN, MELVIN H., National Institutes of Health Postdoctoral Fellow (Trainee) in Chemistry, two months from June 16, 1962, \$1,040 (6-27-62).
- GRIFFIN, PATRICIA A., Office of Vocational Rehabilitation Fellow (Trainee) in Education, two months from June 16, 1962, \$500 (6-13-62).
- GROESCHEL, EDWARD C., JR., Campbell Soup Company Fellow in Food Technology, two months from June 16, 1962, \$533.34 (6-14-62).
- HABAS, LINDA B., United States Public Health Service Fellow (Trainee) in Physiology, one year from June 16, 1962, \$2,666, supersedes (6-8-62).
- HARDY, CAROLINE E., Summer Quarter Fellow in Biological Chemistry, three months from June 16, 1962, \$600 (5-28-62).
- HIGHTON, RONALD, Dental Student Summer Quarter Fellow in Pedodontics, three months from June 16, 1962, \$600 (6-15-62).
- HOFFMAN, EDWARD L., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1962, \$2,400 (6-8-62).
- HOFFMAN, JOAN C., Summer Quarter Fellow in Physiology, three months from June 16, 1962, \$600 (5-28-62).
- HOLMES, PETER K., United States Public Health Service Fellow (Trainee) in Microbiology, June 16-June 30, 1962, \$116.67, and one year from July 1, 1962, \$3,200 (5-31-62).
- HOUCHENS, ALBERT F., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1962, \$2,000 (6-14-62).
- HUFFAKER, DONALD C., Engineering Faculty Development Teaching Fellow in Theoretical and Applied Mechanics, one year from September 1, 1962, \$2,000 (6-12-62).
- HUNT, SUSAN D., Summer Quarter Fellow in Microbiology, three months from June 16, 1962, \$600 (5-28-62).
- HUNTER, JOHN E., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1962, \$2,000 (6-8-62).
- JOHNSON, JOYCE H., University Fellow at the Medical Center, one year from September 1, 1962, \$2,300, supersedes (6-16-62).
- JONES, ROBERT M., Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1962, \$1,500, supersedes (6-1-62).

- KATAGUE, DAVID B., Summer Quarter Fellow in Chemistry (Pharmaceutical), three months from June 16, 1962, \$600 (5-28-62).
- KENNY, JOHN W., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1962, \$2,000 (6-8-62).
- KIM, SUN CHUN, Wright Fellow in Agriculture, nine months from September 16, 1962, \$1,500 (6-19-62).
- LEE, DONG WOO, Fellow in Civil Engineering, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (6-4-62).
- LEE, KEUN SHIL, United States Public Health Service Fellow (Trainee) in Physiology, one year from June 16, 1962, \$2,666, supersedes (6-8-62).
- LENER, ALAN E., United States Public Health Service Fellow (Trainee) in Psychiatry, one year from July 1, 1962, \$2,400 (6-20-62).
- LENER, LEON M., Summer Quarter Fellow in Biological Chemistry, three months from June 16, 1962, \$600 (5-28-62).
- LOEVY-TASCHINI, HANNELORE, United States Public Health Service Fellow (Trainee) in Pharmacology, one year from July 1, 1962, \$5,500 (6-11-62).
- MAGLIONE, FRANK D., Office of Vocational Rehabilitation Fellow (Trainee) in Education, two months from June 16, 1962, \$700 (6-13-62).
- MAILMAN, DAVID, United States Public Health Service Fellow (Trainee) in Physiology, one year from July 1, 1962, \$3,000 (6-14-62).
- MANDY, WILLIAM J., United States Public Health Service Fellow (Trainee) in Microbiology, June 16-June 30, 1962, \$116.67, and one year from July 1, 1962, \$3,200 (5-31-62).
- MEDENIS, RUTE, United States Public Health Service Fellow (Trainee) in Pediatrics, one year from July 1, 1962, \$6,200 (6-11-62).
- MILLER, FRANKLIN C., United States Public Health Service Fellow (Trainee) in Psychiatry, one year from July 1, 1962, \$2,400 (6-20-62).
- MIZUKAMI, HIROSHI, United States Public Health Service Fellow (Trainee) in Biophysics, six months from July 1, 1962, \$1,333 (6-8-62).
- MONROE, BRUCE M., Teaching Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- MOROWITZ, DAVID A., Medical Student Alternative Quarter Fellow, June 16-August 31, 1962, \$200 (5-21-62).
- MOSIMANN, ELLA B., Office of Vocational Rehabilitation Fellow (Trainee) in Education, two months from June 16, 1962, \$450 (6-13-62).
- MOTIL, JOHN M., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1962, \$2,000 (6-14-62).
- MYERS, DAVID D., United States Public Health Service Fellow (Trainee) in Veterinary Medicine, one year from June 1, 1962, \$4,300 (6-15-62).
- NEIDINGER, JOSEPH W., Summer Quarter Fellow in Physiology, three months from June 16, 1962, \$600 (5-28-62).
- PALMER, JERRY L., United States Public Health Service Fellow (Trainee) in Microbiology, June 16-June 30, 1962, \$110, and one year from July 1, 1962, \$2,800 (6-14-62).
- PARDINI, RONALD S., United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1962, \$2,500 (5-28-62).
- PASHNIAK, DANIEL W., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1962, \$3,000 (6-14-62).
- PETERSON, DAVID M., Hackett Fellow in Agronomy, nine months from September 16, 1962, \$1,800, supersedes (5-21-62).
- PIROK, DARRYL J., Rappaport Fellow for the summer in Physiology, three months from June 16, 1962, \$600 (6-15-62).
- PIZER, ESTHER R., United States Public Health Service Fellow (Trainee) in Psychiatry, one year from July 1, 1962, \$12,000 (6-20-62).
- QUAINTANCE, LEE T., Fellow (Intern) in Government and Public Affairs, one year from September 1, 1962, \$2,700 (6-13-62).
- RAUSCH, PAUL J., Engineering Faculty Development Teaching Fellow in Theoretical and Applied Mechanics, five months from September 1, 1962, \$1,000 (6-12-62).
- RICKHOFF, WILLIAM L., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1962, \$3,000 (6-14-62).

- ROBERTS, VERNE L., Engineering Faculty Development Teaching Fellow in Theoretical and Applied Mechanics, one year from September 1, 1962, \$2,000 (6-12-62).
- RUBENSTEIN, DANIEL, United States Public Health Service Fellow (Trainee) in Biophysics, one year from July 1, 1962, \$2,666 (6-8-62).
- RUSSELL, ROBB N., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1962, \$2,000 (6-14-62).
- SAEGER, KAY E., United States Public Health Service Fellow (Trainee) in Physiology, one year from June 16, 1962, \$2,666, supersedes (6-8-62).
- SAGERS, RICHARD D., Postdoctoral Fellow (Trainee) in Chemistry, three months from June 1, 1962, \$3,300 (6-11-62).
- SAIN, MICHAEL K., Paul V. Galvin Teaching Fellow in Electrical Engineering, nine months from September 16, 1962, \$2,000 (5-31-62).
- SAMUELS, ROBERT B., United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1962, \$2,500 (5-28-62).
- SCHROEDER, WILLIAM F., United States Public Health Service Fellow (Trainee) in Veterinary Medicine, one year from August 1, 1962, \$5,200 (6-8-62).
- SHA'AFI, RAMADAN I., United States Public Health Service Fellow (Trainee) in Biophysics, one year from June 16, 1962, \$2,666 (6-8-62).
- SHARP, JAMES B., United States Public Health Service Fellow (Trainee) in Veterinary Medicine, one year from June 1, 1962, \$6,300, supersedes (6-8-62).
- SHAW, PAUL V., American Oil Foundation Fellow in Chemical Engineering, one year from June 1, 1962, \$3,600 (6-20-62).
- SHOFFNER, JAMES P., Summer Quarter Fellow in Chemistry (Pharmaceutical), three months from June 16, 1962, \$600 (5-28-62).
- SIEVEKING, NICHOLAS A., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1962, \$2,000 (6-12-62).
- SMITH, THOMAS E., JR., Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375, supersedes (6-11-62).
- SPURGASH, ARNOLD J., Summer Quarter Fellow in Microbiology, three months from June 16, 1962, \$600 (5-28-62).
- SRYGLEY, TED F., Lois Wells Irwin Fellow in Library Science, one year from June 16, 1962, \$500 (6-18-62).
- STARK, FRED R., Medical Student Alternative Quarter Fellow, June 16-August 31, 1962, \$200 (5-21-62).
- SWALLOW, RONALD J., United States Public Health Service Fellow (Trainee) in Biophysics, one year from July 1, 1962, \$2,666 (6-8-62).
- SWIATEK, KENNETH R., United States Public Health Service Fellow (Trainee) in Biological Chemistry, one year from July 1, 1962, \$2,300 (6-11-62).
- TOBEY, ROBERT A., United States Public Health Service Fellow (Trainee) in Microbiology, one year from September 1, 1962, \$2,500 (6-25-62).
- TREECE, JAMES M., Fellow in Law, in the Summer Session of 1962, June 18-August 11, 1962, \$375 for the period (6-7-62).
- UNIKEL, IRVING P., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1962, \$2,000 (6-8-62).
- VAICHULIS, EUGENE M., Summer Quarter Fellow in Microbiology, three months from June 16, 1962, \$600 (5-28-62).
- VAN EGEREN, LAWRENCE F., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1962, \$2,400 (6-8-62).
- VOLNER, PATSY R., Office of Vocational Rehabilitation Fellow (Trainee) in Education, two months from June 16, 1962, \$450 (6-14-62).
- WAGNER, THOMAS J., Fellow (Intern) in Government and Public Affairs, one year from July 1, 1962, \$2,700 (5-31-62).
- WALKER, RICHARD E., Office of Vocational Rehabilitation Fellow (Trainee) in Education, two months from June 16, 1962, \$500 (6-13-62).
- WALSH, PATRICIA J., United States Public Health Service Fellow (Trainee) in Biological Chemistry, one year from July 1, 1962, \$2,300 (6-11-62).
- WARD, LINDA G., Office of Vocational Rehabilitation Fellow (Trainee) in Education, two months from June 16, 1962, \$450 (6-13-62).
- WATSON, JAMES R., Summer Quarter Fellow in Microbiology, three months from June 16, 1962, \$600 (5-28-62).

- WEAVER, LELLAND A. C., Collins Radio Company Teaching Fellow in Electrical Engineering, nine months from September 16, 1962, \$2,000 (5-31-62).
- WEBER, DENNIS F., United States Public Health Service Postdoctoral Fellow (Trainee) in Dentistry, four months from May 1, 1962, \$5,500, supersedes (6-1-62).
- WELSH, THOMAS L., Summer Quarter Fellow in Chemistry (Pharmaceutical), three months from June 16, 1962, \$600 (5-28-62).
- WILLIAMSEN, JOHN A., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1962, \$2,400 (6-12-62).
- WILSON, VANNIE, JR., United States Public Health Service Fellow (Trainee) in Biochemistry, one year from July 1, 1962, \$2,300 (6-11-62).
- WOLD, FINN, National Institutes of Health Senior Postdoctoral Fellow in Chemistry, two months from June 16, 1962, \$2,000; this is in addition to his present appointment and to his fellowship dated October 24, 1961 (6-27-62).
- WONG, CARL YOU, United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1962, \$2,500 (5-28-62).
- WOODFIN, BEULAH M., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1962, \$490 (6-4-62).
- ZARYCKY, OKSANA M., United States Public Health Service Fellow (Trainee) in Biological Chemistry, one year from July 1, 1962, \$2,300 (6-11-62).

#### RESIGNATIONS AND DECLINATIONS

- ABDUL-BAKI, AREF, Summer Fellow in Horticulture—resignation effective June 16, 1962.
- ALHADEFF, ALBERT V., Instructor in Economics (Chicago Undergraduate Division)—resignation effective September 1, 1962.
- ANDERSON, MRS. RUTH C., House Director of Beta House—resignation effective July 1, 1962.
- BAUER, ROBERT O., Instructor in Business Management—resignation effective July 15, 1962.
- BAUTZ, FRIEDLINDE, Research Assistant in Chemistry—resignation effective May 1, 1962.
- BHALERAO, VASANT R., Assistant Professor of Food Technology—resignation effective August 17, 1962.
- BINNING, BRIAN R., Research Assistant in Architecture—declination effective June 25, 1962.
- BORMAN, KAREN L., Instructor in Mathematics (Pharmacy)—resignation effective September 1, 1962.
- BREWER, ROBERT L., Instructor in Veterinary Clinical Medicine and in Veterinary Research—resignation effective July 1, 1962.
- CHENG, HWEI-HSIEN, Research Associate in Soil Fertility—resignation effective July 1, 1962.
- CHICOREL, MRS. MARIETTA, Assistant Architecture Librarian, with rank of Instructor—resignation effective August 1, 1962.
- DAVIS, JIM E., Instructor in Economics—resignation effective September 1, 1962.
- DERAN, ELIZABETH Y., Research Assistant Professor in the Bureau of Economic and Business Research—resignation effective July 1, 1962.
- DODDS, MRS. DORIS, Acquisition Assistant in the Library—resignation effective July 10, 1962.
- EHERNBERGER, NICOLETTE, Acquisition Assistant in the Library—resignation effective June 23, 1962.
- ERNSTING, MARY E., National Science Foundation Mathematics Institute Fellow in Mathematics—resignation effective June 16, 1962.
- FINE, RALPH, Instructor in Accountancy (Chicago Undergraduate Division)—resignation effective September 1, 1962.
- FINNEMORE, DOUGLAS K., Research Associate in Physics—resignation effective July 1, 1962.
- FRENCH, JAMES L., Instructor in Mechanical Engineering—resignation effective September 1, 1962.
- FULCHER, CHARLES E., Assistant in Soil Fertility (Agronomy)—resignation effective June 16, 1962.
- GILDERSLEEVE, HALLETT, Undergraduate Librarian with rank of Instructor, in the Library—resignation effective July 1, 1962.

- HEATH, EDWARD H., Instructor in Physical Education for Men — resignation effective September 1, 1962.
- HINDHEDE, UFFE, Instructor in General Engineering — resignation effective September 1, 1962.
- HOLLEY, EDWARD G., Education, Philosophy, and Psychology Librarian with rank of Assistant Professor, in the Library — resignation effective September 1, 1962.
- HOOVER, ALICE M., Chemistry Library Assistant with rank of Instructor, in the Library — resignation effective September 1, 1962.
- HOUSER, THOMAS S., Instructor in Radiology (Medicine) — resignation effective July 1, 1962.
- HULSEY, MRS. ELIZABETH, Assistant Reference Librarian in the Library — resignation effective July 9, 1962.
- HUNTER, DONALD J., Research Associate in Agricultural Economics — resignation effective September 1, 1962.
- JACKSON, WILLIAM V., Associate Professor of Library Science — resignation effective September 1, 1962.
- JOHNSON, WILLIAM H., Associate Professor of Physiology — resignation effective September 1, 1962.
- KIBLER, VICTOR A., Assistant Professor of Architecture — resignation effective September 1, 1962.
- KOORAJIAN, SAMUEL, Research Associate in Biological Chemistry (Medicine) — resignation effective July 1, 1962.
- KRAMER, MRS. ELIZABETH B., Instructor in English (Chicago Undergraduate Division) — resignation effective September 1, 1962.
- KROEGER, KARL, Serials Assistant in the Library — resignation effective September 1, 1962.
- KUO, MAU-HUAI, Research Associate in Dairy Science — resignation effective June 12, 1962.
- LAU, WILLIAM F., Registered Pharmacist in Hospital Pharmacy (Pharmacy) — resignation effective September 1, 1962.
- LAZZARO, RICHARD A., Summer Fellow in Art — resignation effective June 16, 1962.
- LINDEN, CARL T., Associate Professor of Medical and Dental Illustration (Medical Center, Chicago) — resignation effective May 22, 1962.
- LUKER, MRS. CAROL W., Research Assistant in Microbiology — resignation effective July 1, 1962.
- MASON, RICHARD A., National Institutes of Health Fellow (Trainee) in Veterinary Medical Science — resignation effective July 1, 1962.
- MATHIS, GEORGE R., Instructor in Music — resignation effective September 1, 1962.
- MAUNEY, MILES H., Assistant Professor of Music — resignation effective September 1, 1962.
- MAYRON, LEWIS, Instructor in Biological Chemistry (Medicine) — resignation effective July 1, 1962.
- MEDENIS, RUTE, Instructor in Pediatrics (Medicine) — resignation effective July 1, 1962.
- MILLER, SONIA, Assistant Professor of English (Chicago Undergraduate Division), Summer Session of 1962 — resignation effective June 22, 1962.
- MODI, VINOD V., Research Associate in Animal Science — resignation effective July 1, 1962.
- MORGAN, RAMONA L., Instructor in Medical and Dental Illustration (Medical Center, Chicago) — resignation effective July 1, 1962.
- NARASIMHAN, RANGASWAMY, Research Associate in the Digital Computer Laboratory — declination effective September 16, 1962.
- NARASIMHAN, MRS. SITA, Fellow in English — resignation effective September 16, 1962.
- NELSON, CARL R., JR., Assistant Professor of Architecture — resignation effective September 1, 1962.
- NESSLER, JOAN, Assistant Professor of Physical Education for Women — resignation effective September 1, 1962.
- PARKER, EDWIN B., Assistant Professor of Journalism and Research Assistant Professor in the Institute of Communications Research — resignation effective September 1, 1962.

- PEDERSEN, JOANNE M., Assistant in Nursing — resignation effective June 15, 1962.
- PHIPPS, CHARLES M., JR., Assistant Professor of Mechanical Engineering — resignation effective September 1, 1962.
- REIDY, JOHN W., Assistant Professor of Journalism — resignation effective September 1, 1962.
- ROLFE, STANLEY T., Research Associate in Civil Engineering — resignation effective September 1, 1962.
- SCHRIEFFER, J. ROBERT, Associate Professor of Physics — resignation effective September 1, 1962.
- SCRANTON, MARGARET J., Associate Editor with rank of Instructor, in the College of Law — resignation effective June 1, 1962.
- SEARCY, HERBERT L., Cataloger with rank of Instructor, in the Library — resignation effective September 1, 1962.
- SIMPSON, ROBERT D., Clinical Instructor in Surgery (Medicine) — resignation effective June 1, 1962.
- STEWART, EDWARD B., Instructor in Oral and Maxillofacial Surgery (Dentistry) — resignation effective September 1, 1962.
- SUTFIN, DUANE C., Assistant Professor of Physiology — resignation effective September 1, 1962.
- VANGOR, DONALD W., Pharmacy Resident in Hospital Pharmacy (Pharmacy) — resignation effective June 1, 1962.
- WERNER, JOYCE C., Assistant Reference Librarian in the Library — resignation effective September 1, 1962.
- WILSON, CHARLES A., Research Assistant in Soil Fertility — resignation effective July 1, 1962.
- WINKLER, JOHN K., Instructor in Veterinary Extension, Department of Veterinary Pathology and Hygiene (College of Veterinary Medicine and Extension Service in Agriculture and Home Economics) — resignation effective August 1, 1962.
- ZIEL, HENRY R., Assistant Professor of Industrial Education — resignation effective September 1, 1962.

#### LEAVES OF ABSENCE

- CONNALLY, ERNEST A., Professor of Architecture — leave of absence, without pay, September 1, 1962, through February 28, 1963, so that he may accept an appointment as Visiting Professor at Washington University, St. Louis, Missouri; this is in addition to his sabbatical leave, on one-half pay, beginning March 1, 1963, through February 28, 1964.
- CRONBACH, LEE J., Professor of Education and of Psychology — leave of absence, without pay, one month from July 1, 1962.
- GAGE, NATHANIEL L., Professor of Education and of Psychology — leave of absence, without pay, September 1, 1962, through August 31, 1963, so that he may accept a Visiting Professorship in Education at Stanford University.
- HELLMER, LEO A., Professor of Psychology — leave of absence, with full pay, six months from September 1, 1962, and without pay from March 1, 1963, and continuing until further notice, on account of disability.
- LONDON, PERRY, Assistant Professor of Psychology — leave of absence, without pay, one year from September 1, 1962, so that he may accept a Visiting Professorship at Stanford University.
- NICHOLS, MARIE H., Professor of Speech — leave of absence, without pay, September 1, 1962, through February 28, 1963, so that she may accept a Visiting Professorship at the University of Hawaii.
- NIKELLY, ARTHUR G., Assistant Professor of Hygiene and Clinical Psychologist in the Health Service — leave of absence, without pay, from July 16 to August 1, 1962, so that he may serve as a consultant to the Peace Corps in Washington, D.C.
- NOSKER, HERBERT D., Assistant Extension Editor, with rank of Instructor in Agriculture, in the Extension Service in Agriculture and Home Economics — leave of absence from June 14 through July 30, 1962, three weeks with pay, and the remainder of time to be considered annual leave.
- WEISE, ERWIN K., Associate Professor of Metallurgical Engineering — additional leave of absence, on account of disability, from June 5, 1962, until further notice, without pay.

ZIEGLER, RAYMOND J., Associate Professor of Management—leave of absence, without pay, academic year 1962-63, so that he may accept a Visiting Professorship in the Department of Marketing and Industrial Management at the University of Oregon.

#### MEETINGS OF BOARD COMMITTEES

Meetings of the Committees on Buildings and Grounds and General Policy were held following adjournment of the Board. A meeting of the Committee on Buildings and Grounds was also held on Tuesday evening, July 17, pursuant to a call by the Chairman.

On motion of Mr. Johnston, the Board adjourned.

A. J. JANATA  
*Secretary*

HOWARD W. CLEMENT  
*President*