

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

March 16, 1960



The annual meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, March 16, 1960, beginning at 11:00 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Wirt Herrick, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Harold Pogue and Governor William G. Stratton were absent. Mr. Timothy W. Swain was not present when the Board convened but joined the meeting later.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Director C. S. Havens of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information, Mr. J. S. Begando, Assistant to the President, Mr. V. L. Kretschmer, Director of Auxiliary Services, Professor Rubin G. Cohn of the College of Law, Mr. C. W. Sanford, Dean of Admissions and Records; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

MEETING OF COMMITTEE ON GENERAL POLICY

Prior to the meeting of the Board, the Committee on General Policy met beginning at 9:30 a.m. in a work session for consultation with the President and other University officials on matters of University policy.

ELECTION OF TEMPORARY CHAIRMAN

The office of President of the Board of Trustees being vacant, Mr. Wayne A. Johnston nominated Mr. Wirt Herrick as President, *Pro Tempore*, of the meeting. Mr. Herrick was elected by acclamation and took the chair.

ELECTION OF OFFICERS**President of the Board**

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

Mr. Johnston nominated Mr. Kenney E. Williamson. Mr. Harewood seconded the nomination.

On motion of Mr. Harewood, the nominations were closed, and the Secretary was instructed to cast the unanimous ballot of the Board for the election of Mr. Kenney E. Williamson as President, to serve until the next annual meeting of the Board of Trustees in March, 1961, or until his successor shall have been elected and qualified.

The ballot was cast and Mr. Williamson was elected President of the Board. He took the chair and expressed his appreciation of the confidence of the Board in re-electing him President.

Secretary of the Board

Mr. Johnston nominated Mr. A. J. Janata as Secretary of the Board. Mr. Hughes seconded the nomination.

On motion of Mr. Hughes, the nominations were closed, and Mr. Janata was unanimously elected as Secretary of the Board of Trustees, to serve until the next annual meeting in March, 1961, or until his successor shall have been elected and qualified.

Comptroller of the Board

Mr. Herrick nominated Mr. H. O. Farber as Comptroller of the Board. Mr. Johnston seconded the nomination.

On motion of Mr. Johnston, the nominations were closed, and the Secretary was instructed to cast the unanimous ballot of the Board for the election of Mr. Farber as Comptroller of the Board of Trustees, to serve until the next annual meeting in March, 1961, or until his successor shall have been elected and qualified. The ballot was cast and Mr. Farber was elected Comptroller.

Executive Committee

Mr. Harewood nominated Mrs. Frances B. Watkins and Mr. Wayne A. Johnston to serve as members of the Executive Committee, with the President of the Board as Chairman, for one year.

On motion of Mr. Clement, the nominations were closed, and the Secretary was instructed to cast the unanimous ballot of the Board for Mrs. Watkins and Mr. Johnston as members of the Executive Committee of the Board of Trustees, to serve until the next annual meeting in March, 1961, or until their successors shall have been

elected. The ballot was cast and Mrs. Watkins and Mr. Johnston were elected members of the Executive Committee.

DELEGATION OF SIGNATURES

Mr. Johnston offered the following resolution:

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

The President of the Board of Trustees is authorized to delegate to L. M. Dahlenburg and to W. D. Green in Urbana, to H. A. Hazleton, to W. E. Cowart, and to H. O. Albers in Chicago, and to Edward F. Lis and to Helen Culbertson in Springfield, authority to sign his name as President of the Board of Trustees to vouchers against the Auditor of Public Accounts; and to C. C. DeLong, to R. W. Zimmer, and to R. F. Wood in Urbana, and to H. A. Hazleton, to W. E. Cowart, and to H. O. Albers in Chicago, authority to sign his name to warrants on the University Treasurer covering vouchers approved in accordance with regulations approved by the Board.

The Secretary of the Board of Trustees is authorized to delegate to Maude Archdeacon, to George H. Bargh, and to Everett G. Smith in Urbana, and to G. R. Moon, to Velma M. Davis, to Helen Wyle, and to Genevieve R. Mutka in Chicago, authority to sign his name as Secretary of the Board of Trustees to vouchers against the Auditor of Public Accounts and to warrants on the University Treasurer, covering vouchers approved in accordance with regulations of the Board. The Secretary of the Board of Trustees is authorized to delegate to Mrs. Freda M. Hicks and to Lean C. Ryan in Springfield, authority to sign his name as Secretary of the Board of Trustees on vouchers against the Auditor of Public Accounts approved in accordance with the regulations of the Board. These authorizations are to continue in effect until the Auditor of Public Accounts has been supplied with specimen signatures of succeeding officers of this Board. And be it further

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

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

This resolution was unanimously adopted.

STANDING COMMITTEES FOR 1960-61

The President of the Board has appointed the following standing committees of the Board of Trustees to serve during the year 1960-61, or until their successors have been appointed following the annual meeting of the Board of Trustees in March, 1961:

Agriculture

MR. EARL M. HUGHES, Chairman
MR. HOWARD W. CLEMENT
MR. WIRT HERRICK

Alumni

MR. HOWARD W. CLEMENT, Chairman
MR. TIMOTHY W. SWAIN
MRS. FRANCES B. WATKINS

Athletic Activities

MR. WIRT HERRICK, Chairman
MR. RICHARD A. HAREWOOD
MR. HAROLD POGUE

Buildings and Grounds

MR. HAROLD POGUE, Chairman
MR. HOWARD W. CLEMENT
MR. RICHARD A. HAREWOOD
MR. EARL M. HUGHES
MR. WAYNE A. JOHNSTON
MR. TIMOTHY W. SWAIN

Chicago Departments

MRS. FRANCES B. WATKINS, Chairman
MR. WAYNE A. JOHNSTON
MR. HAROLD POGUE

Finance

MR. TIMOTHY W. SWAIN, Chairman
MR. WAYNE A. JOHNSTON
MRS. FRANCES B. WATKINS

General Policy

MR. WAYNE A. JOHNSTON, Chairman
MR. RICHARD A. HAREWOOD
MR. HAROLD POGUE
MR. TIMOTHY W. SWAIN
MRS. FRANCES B. WATKINS

Nonacademic Personnel

Also representatives on the Civil
Service Merit Board

MR. TIMOTHY W. SWAIN, Chairman
MR. WIRT HERRICK
MR. HAROLD POGUE

Patents

MR. HOWARD W. CLEMENT, Chairman
MR. RICHARD A. HAREWOOD
MR. TIMOTHY W. SWAIN

Student Welfare and Activities

MR. RICHARD A. HAREWOOD, Chairman
MR. EARL M. HUGHES
MRS. FRANCES B. WATKINS

*University Retirement System
Representatives*

MR. WIRT HERRICK
MR. EARL M. HUGHES
MR. KENNEY E. WILLIAMSON

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.

APPOINTMENTS TO THE FACULTY

(1) 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. MRS. DONATELLA G. ADLER, Research Assistant Professor of Physics, for four months from February 15, 1960, at a salary of \$2,740 (G).
2. WEBSTER AITKEN, George A. Miller Visiting Professor of Music, for the academic year 1960-61, at a salary of \$11,000 (E).
3. ARTHUR W. BURKS, Visiting Research Professor of Applied Mathematics, in the Digital Computer Laboratory, Graduate College, for the first semester of 1960-61, at a salary of \$7,200 (E).
4. JOHN M. DENNISON, Assistant Professor of Geology, on one-fourth time, and in the Division of General Studies, on three-fourths time, beginning September 1, 1960, at an annual salary of \$6,000 (B).
5. WALTER H. H. GRÄNICHER, Associate Professor of Physics and of Ceramic Engineering, for four months from May 1, 1960, at a salary of \$4,000; beginning September 1, 1960, at an annual salary of \$9,000 (G, D).
6. BENJAMIN M. HAIR, Assistant Professor of Preventive Medicine, on 80 per cent time, beginning January 1, 1960, at an annual salary of \$12,000 (DY80).
7. RAYMOND E. MILLER, Visiting Assistant Professor in the Digital Computer Laboratory, Graduate College, for the first semester of 1960-61, without salary (E).
8. ALFRED NISONOFF, Associate Professor of Microbiology, in the Graduate College, for two months from June 16, 1960, at a salary of \$2,666; beginning September 1, 1960, at an annual salary of \$12,000 (G, A).

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

HEADSHIP OF THE DEPARTMENT OF RUSSIAN

(2) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. Ralph E. Matlaw, presently Assistant Professor of Russian at Princeton University, as Associate Professor of Russian on indefinite tenure and Head of the Department of Russian, beginning September 1, 1960, at an annual salary of \$12,000 on "A" basis.

It is also recommended that he be given a summer appointment beginning July 15, 1960, through August 31, 1960, at a total salary of \$2,000 for the period, so that his services will be available in organizing the program of the new Department of Russian.

This recommendation is made after consultation with the appropriate members of the faculty and is endorsed by the Vice-President and Provost and the Dean of the Graduate College.

I concur.

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

APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(3) Pursuant to the provisions in the Articles of Incorporation of the University of Illinois Athletic Association, I submit herewith nominations for appointments and reappointments, as indicated in each case, to its Board of Directors to become effective as of today and to continue until the next annual meeting of the Board of Trustees of the University of Illinois in 1961, or until the successors of these Directors have been appointed:

Faculty

LESLIE A. BRYAN, Professor of Management and Director of the Institute of Aviation (reappointment; Director Bryan was appointed June 23, 1959, to succeed the late Dean Robert B. Browne)

H. KENNETH ALLEN, Professor of Economics (reappointment; he has served since 1957)

JOSEPH A. RUSSELL, Professor of Geography and Head of the Department (reappointment; he has served since October 1, 1958, when he was appointed to fill a vacancy created by the resignation from the University of Professor Marcus M. Rhoades, who was appointed in March, 1958)

HAROLD W. HANNAH, Professor of Agricultural Law, Department of Agricultural Economics (new appointment; he replaces Professor Kenneth J. Trigger of the Department of Mechanical Engineering who has served since 1956)

Alumni

CHARLES V. HALL, Class of 1931, 102 North Street, Normal, Illinois (reappointment; he has served since 1957)

DUANE A. CULLINAN, Class of 1937, 1617 Eighth Street, Pekin, Illinois (reappointment; he has served since March, 1959)

STANLEY L. BODMAN, Class of 1931, 175 West Jackson Boulevard, Chicago, Illinois (new appointment; he replaces Mr. John A. Hobart, Class of 1938, who has served on the Board since March, 1956)

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

SABBATICAL LEAVES OF ABSENCE FOR 1960-61

(4) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1960-61 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the period indicated.

The programs of research, study, and travel for which these leaves are requested have been examined by the University Research Board which advises the President in such matters.

A number of other applications for sabbatical leaves during 1960-61 are still under consideration, and additional recommendations may be submitted at a subsequent meeting.

College of Agriculture

Department of Agricultural Economics and Extension Service in Agriculture

EARL H. REGNIER, Associate Professor of Agricultural Economics and of Rural Recreation, first semester (six months from July 1, 1960), full pay; to study recreation programs, practices, procedures, and literature; work to be done in United States universities and libraries.

Department of Agricultural Engineering

KEITH H. HINCHCLIFF, Professor of Agricultural Engineering, first semester (six months from September 1, 1960), full pay; for investigation of housing research and education, community planning, and rural home improvement, in the United States and in Europe.

Department of Agronomy

ROGER H. BRAY, Professor of Soil Fertility, second semester (six months from March 1, 1961), full pay; for consultation with other research workers on soil fertility and soil-plant relationships, in Europe.

RICHARD H. HAGEMAN, Associate Professor of Agronomy, full year (beginning September 1, 1960), one-half pay; to study the interrelationship of mineral nutrients with enzymatic and biological activity, in England.

EARL R. LENG, Professor of Agronomy, second semester (six months from March 1, 1961), full pay; for investigation of plant breeding theories and methods, in Germany.

Department of Dairy Science

NOLAND L. VANDEMARK, Professor of Physiology, second semester (six months from March 1, 1961), full pay; to study the use of physical and chemical approaches with electronic instruments, isotopes, and other devices; work to be done in the United States, or in Europe if outside grant-in-aid for travel is secured.

Department of Horticulture

NORMAN F. OEBKER, Associate Professor of Horticulture, first semester (six months from September 1, 1960), full pay; to study post-harvest handling of vegetables; work to be done in California.

Department of Plant Pathology

HALBERT H. THORNBERRY, Professor of Plant Pathology, second semester (six months from March 1, 1961), full pay; for completion of textbook and laboratory manual, study of crop diseases, study of organization of International Center for Technical Information in Phytovirology, in the United States and in Europe.

College of Commerce and Business Administration

Department of Accountancy

HELLFRIED P. HOLZER, Assistant Professor of Accountancy, second semester, full pay; to study accounting methods during inflationary periods, in Germany and in Austria.

Department of Economics

HANS BREMS, Professor of Economics, second semester, full pay; for testing a mathematical model on European data, in Europe.

Department of Finance

RUSSELL M. NOLEN, Professor of Finance, second semester, full pay; to study monetary policy, fiscal policy, capital investment, and economic growth, in the United States, in Canada, and in England.

RICHARDS C. OSBORN, Professor of Finance, second semester, full pay; to study and collect data on the impact of governmental controls over corporate financing, in England.

Department of Marketing

ROBERT V. MITCHELL, Professor of Marketing, second semester, full pay; for research and writing on market measurement and management, and developing a marketing atlas for the state of Illinois.

College of Education

- LEE J. CRONBACH, Professor of Education and of Psychology, first semester, full pay, and second semester, without pay; for continuation of research program on psychometric theory and for preparation of monograph. (He will have a membership in the School of Mathematics at the Institute for Advanced Study, Princeton.)
- NATHANIEL L. GAGE, Professor of Education, full year (beginning September 1, 1960), one-half pay, or one-half year (beginning August 12, 1960), full pay; full-year leave contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; to study the formulation of theories of teaching and to write a handbook; work to be done at the University of California.
- JAMES J. GALLAGHER, Professor in the College of Education and in the Institute for Research on Exceptional Children, academic year, one-half pay; for study and research on creativity in gifted children, at Stanford University.
- LAWRENCE E. METCALF, Associate Professor of Education, first semester, full pay; for research in logic and linguistics of teaching: (1) refinement of concepts in a University High School pilot study, and (2) writing of a textbook.
- LLOYD J. PHIPPS, Professor of Agricultural Education, first semester (six months from August 1, 1960), full pay; for research in the education of new farm operators in the public school system; work to be done in the United States.
- RAY H. SIMPSON, Professor of Education, first semester, full pay; to study the application of social psychological principles to the practices of classroom teachers; work to be done in the United States.
- J. RICHARD SUCHMAN, Associate Professor of Education, first semester, full pay; for research on the teaching of inquiry skills to elementary school children; work to be done in the United States.

College of Engineering

Department of Civil Engineering

- THOMAS H. THORNBURN, Professor of Civil Engineering, academic year, one-half pay, or one semester, full pay; one-year leave contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; for preparation of an engineering soil map of a portion of West Germany.

Department of Electrical Engineering

- HAROLD D. WEBB, Professor of Electrical Engineering, first semester, full pay; to study radio wave propagation, at Stanford University.
- PAUL HANDLER, Assistant Professor of Electrical Engineering and of Physics, academic year, one-half pay; to study nuclear and electron paramagnetic resonance techniques and application to surface physics, in France.

Department of Mining and Metallurgical Engineering

- THOMAS A. READ, Professor of Mining and Metallurgical Engineering and Head of the Department, first semester, full pay; for research in diffusionless phase changes in metals and alloys; Visiting Professor at Oxford University.

Department of Physics

- ROBERT D. HILL, Professor of Physics, academic year, one-half pay; to study elementary particle interactions, in Europe.
- DILLON, E. MAPOTHER, Professor of Physics, academic year, one-half pay; for experimental work on superconductivity and preparation of material for publication; work to be done in the United States.

College of Fine and Applied Arts

Department of Architecture

- JOHN G. REPLINGER, Associate Professor of Architecture, second semester, full pay; to study neighborhood planning, community development, and educational buildings; work to be done in the United States.
- ROBERT J. SMITH, Professor of Architecture, second semester, full pay; to study the historical background relationship between landscape and architecture; work to be done in Europe.

School of Music

STANLEY FLETCHER, Professor of Music, academic year, one-half pay; for completion of two books for publication, and study in Europe.

J. ROBERT KELLY, Associate Professor of Music, second semester, full pay; for composition of symphony and study of German teaching techniques in theory and composition; work to be done in the United States and in Europe.

BURRILL PHILLIPS, Professor of Music, first semester, one-half pay, and second semester, without pay; for musical composition, research in the relationship between Spanish and American popular music, and research in cine-art and opera in Italy.

DRAGAN PLAMENAC, Professor of Music, second semester, full pay; for research on fourteenth to sixteenth century musical manuscripts, in eastern Europe.

PAUL ROLLAND, Professor of Music, academic year, one-half pay; for teaching and research on German school of violin playing, in Europe.

Health Services

JACK OTIS, Associate Professor of Hygiene and Psychiatric Social Work Supervisor, academic year, one-half pay; to complete writing of *Critique of Cultural Theories*.

College of Journalism and Communications

Department of Advertising

LESLIE W. MCCLURE, Professor of Advertising, first semester, full pay; for research on marketing and advertising.

Institute of Labor and Industrial Relations

WILLIAM H. MCPHERSON, Professor of Economics in Labor and Industrial Relations, full year, one-half pay; to study determinants of labor relations in European industrial plants.

College of Law

RUBIN G. COHN, Professor of Law, first semester, full pay; to study the structure, organization, and powers of the judicial, legislative, and administrative departments of government in the state of Israel.

College of Liberal Arts and Sciences

Department of Anthropology

JULIAN H. STEWARD, Research Professor of Anthropology, academic year, one-half pay; leave contingent upon receipt of financial support through a fellowship or grant-in-aid; to study comparative analysis of the acculturation of contemporary native populations under influences of the modern industrial world, at Stanford University.

Department of Astronomy

STANLEY P. WYATT, JR., Associate Professor of Astronomy, first semester, full pay; for completion of analysis of work on double cluster of galaxies in Hercules, for study of observing programs for large radio telescope, for completion of a textbook, and study of satellite Vanguard; work to be done in the United States.

Department of Chemistry and Chemical Engineering

PETER E. YANKWICH, Professor of Physical Chemistry, academic year, one-half pay; for studies of extension of isotope fractionation techniques, chemical and mass spectrometric techniques, and theory of kinetic isotope fractionation; work to be done in the United States.

Department of Classics

REVILO P. OLIVER, Professor of Classics, academic year, one-half pay; for preparation for publication of *De seriis et iocis*, and to complete a part of the Yale Edition of works of Sir Thomas More; work to be done in Italy.

Division of General Studies

OTTO E. KUGLER, Professor of Biological Sciences, second semester, full pay; for completion of research on the reproductive organs of the slug, and for study and observation of teaching programs at other institutions in the United States.

Department of English

A. LYNN ALTENBERND, Assistant Professor of English, first semester, full pay; to study the impact of European travel on social and political thought of Adams, Howells, Twain, and James.

ROBERT L. HAIG, Assistant Professor of English, academic year, one-half pay; for research to prepare a study of John Dunton and of social, religious, scientific, and literary trends in the eighteenth century, in the United States and Europe.

ALLAN G. HOLADAY, Professor of English, second semester, full pay; for a biographical-critical study of the poet, Giles Fletcher, in the United States and England.

J. N. HOOK, Professor of English and Counselor on the Council on Teacher Education, second semester, full pay; to study the teaching of English in the British Isles, including the work of the International Association of the Teachers of English, in England.

CORNELIA P. KELLEY, Assistant Professor of English, second semester, full pay; to study the connection between novels of Henry James and their settings, in Europe.

BURTON A. MILLIGAN, Professor of English, first semester, full pay; for study and research on the life and work of John Heywood and others in the Tudor period, and for completion of edition, Heywood's Spider and the Fly; work to be done in the United States.

GARDINER B. STILLWELL, Assistant Professor of English, first semester, full pay; to study Chaucer's works in relation to sources and background materials; work to be done in the United States.

Department of French

CHARLES A. KNUDSON, Professor of French and Head of the Department, second semester, full pay; for research in medieval literature, in Europe.

Department of Geography

CHARLES S. ALEXANDER, Assistant Professor of Geography, first semester, without pay, and second semester, full pay; first semester leave contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; to study the physical and cultural geography of northern coastal zone of Tanganyika, British East Africa.

HOWARD G. ROEPKE, Associate Professor of Geography, first semester, full pay; to study the movements of the British iron and steel industry—changes since World War II (contingent upon receipt of outside grants) or changes in the agriculture of the Delmarva Peninsula.

Department of Geology

GEORGE W. WHITE, Professor of Geology and Head of the Department, first semester, full pay, and second semester, without pay; for completion of a monograph on glacial geology of the Western Allegheny Plateau; work to be done in Ohio.

Department of German

FRANK G. BANTA, Associate Professor of German and Chairman of the Department, first semester, full pay; to study manuscripts of Berthold von Regensburg, in Germany and in Austria.

ERNST A. PHILIPPSON, Professor of German, second semester, full pay; for preparation of a history of the German language, and for research on the history of Germanic religion and mythology, in Germany.

Department of History

J. LEONARD BATES, Associate Professor of History, second semester, full pay; for completion of a biography of the late Senator Thomas J. Walsh of Montana.

NATALIA M. BELTING, Assistant Professor of History, first semester, full pay; for completion of a French-Illinois dictionary, in the United States.

DENO GEANAKOPLOS, Professor of History, academic year, one-half pay; to study the transmission of Greek learning from the Byzantine East to Western Europe via Venice, and to study cultural life at the Papal court in the fourteenth century.

Department of Mathematics

JOSEPH LANDIN, Professor of Mathematics, academic year, one-half pay; for research in mathematics on the classical groups, in the United States.

EDWARD J. SCOTT, Associate Professor of Mathematics, second semester, full pay; for study of numerical methods applicable to solution by machine computation of boundary value problems.

Department of Philosophy

FREDERICK L. WILL, Professor of Philosophy, first semester, full pay, or academic year, one-half pay; the latter contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; for completion of a book on the philosophy of induction.

Department of Political Science

EDWARD G. LEWIS, Professor of Political Science, second semester, one-half pay; to study the French Government under the constitution of 1958, in France.

JACK W. PELTASON, Professor of Political Science, second semester, full pay, or academic year, one-half pay; the latter contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; to study the policy role of the English judiciary, in England.

Department of Sociology

BERNARD KARSH, Associate Professor of Sociology, in the Department of Sociology and in the Institute of Labor and Industrial Relations, full year, one-half pay; leave contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; for seminars and research on methods in social science and field research in industrial sociology, in Japan.

Department of Speech

KING BROADRICK, Associate Professor of Speech, second semester, full pay; to study the history of forensic rhetoric and preparation of material for a course in this field; work to be done at the libraries of Columbia and Harvard Universities and the Library of Congress.

RAYMOND E. NADEAU, Associate Professor of Speech, first semester, full pay; for completion of the translation and introduction, *De Stabibus*, and for work on translation of *On Delivery*, in the United States.

SEVERINA E. NELSON, Professor of Speech, first semester, full pay; for visiting speech clinics to substantiate philosophies of speech correctionists, and to observe techniques, in the United States.

School of Life Sciences

Department of Botany

JOHN R. LAUGHNAN, Professor of Botany, second semester, full pay, or academic year, one-half pay; the latter contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; for visiting genetics laboratories, and for study of origin of noncrossover derivatives of A^b gene complexes in maize, in the United States.

Department of Microbiology

RALPH S. WOLFE, Associate Professor of Microbiology, academic year, one-half pay; to study the physiology and metabolism of bacteria, in England.

Department of Physiology

JOHN D. ANDERSON, Associate Professor of Physiology, academic year, one-half pay; for research on slime molds, and for preparation of material for an undergraduate course, at Emory and Stanford Universities.

FREDERIC R. STEGGERDA, Professor of Physiology, second semester, full pay; for lectures and study at Hiroshima University, in Japan.

Department of Zoology

JOHN O. CORLISS, Associate Professor of Zoology, first semester, full pay, and second semester, without pay; for protozoological research and conferences with scientists, University of London and other institutions in Europe.

DONALD F. HOFFMEISTER, Professor of Zoology, six months (October 15 to April 15), full pay; for research and writing on the mammals of Arizona.

Graduate School of Library Science

THELMA EATON, Professor of Library Science, first semester, full pay; for preparation of a book on history of libraries, and for work on monographs.

WILLIAM V. JACKSON, Associate Professor of Library Science, academic year, one-half pay; for preparation of (1) guide to library collections, and (2) notable materials added to American libraries, 1950-54; work to be done in the United States and in Europe.

College of Physical Education*Department of Health and Safety Education*

GEORGE T. STAFFORD, Professor of Health Education, in the Department of Health and Safety Education and in the Division of University Extension, second semester, full pay; to study rehabilitation centers and to observe new programs and techniques, in the United States and in Europe.

Department of Physical Education for Women

BEULAH J. DROM, Assistant Professor of Physical Education for Women, first semester, full pay; to study closed circuit television teaching and physical education programs in elementary school laboratories at various universities, and for preparation of materials for physical education in elementary schools.

Department of Recreation

MAXWELL R. GARRET, Assistant Professor of Recreation, first semester, full pay; to study youth hostels, to study fencing in European countries, and to attend World Congress in Physical Education in connection with Olympic Games, in Europe.

Chicago Undergraduate Division

IRVING D. BLUM, Assistant Professor of English, second semester, full pay; for completion of a study of man of business in English literature.

WILLIS C. JACKMAN, Assistant Professor of English, second semester, full pay, or academic year, one-half pay; to study the development of certain elements in grammar structure in English, as changes have occurred over the centuries; work to be done in Europe.

JOHN C. JOHNSON, Assistant Professor of English, second semester, full pay; for continuation of studies of attitude of *Academy* toward Continental and American writers, 1869-96; work to be done in Northwestern University and Newberry Libraries.

MOREEN C. JORDAN, Assistant Professor of English, second semester, full pay; for preparation of a bibliography on Henry James; work to be done in Europe.

ALEXANDER KARANIKAS, Assistant Professor of English, second semester, full pay, or academic year, one-half pay; for completion of publications and for studies of racism, Victorian writers, and of social and literary theories of the Southern Agrarians; work to be done in the United States.

MAX C. SHANK, Associate Professor of Biological Sciences and Chairman of the Division, academic year, one-half pay; leave contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; to study the relation between length of day and gonadal cycle in migratory birds; work to be done in Uganda, British East Africa.

LESTER D. WHITE, Assistant Professor of Architecture, academic year, one-half pay; for visiting schools whose instruction has the most impact upon contemporary architecture, in the United States, in Japan, and in Europe.

Chicago Professional Colleges

College of Medicine

ROBERT M. KARK, Professor of Medicine, six months from July 1, 1961, full pay; to study renal disorders; work to be done in London.

KLAUS R. UNNA, Professor of Pharmacology and Head of the Department, six months from October 1, 1960, full pay; to study the history of pharmacology in the nineteenth century, as Honorary Professor at the University of Vienna.

College of Pharmacy

BERNARD GREENBERG, Assistant Professor of Zoology, academic year, one-half pay; to study host-contaminant biology of Muscoid flies, in Italy.

ALFRED J. PERKINS, Associate Professor of Chemistry, six months from January 23, 1961, full pay; for examination of the structure of the trithiocarbonate ion and tetrathiocarbonates; work to be done at the Massachusetts Institute of Technology.

Research and Educational Hospitals

CONRAD L. PIRANI, Professor of Pathology and Pathologist, six months from March 20, 1961, full pay; to study connective tissues; work to be done in Europe.

On motion of Mrs. Watkins, these leaves were granted as recommended.

AMENDMENT OF REGULATIONS GOVERNING ASSESSMENT OF RESIDENT OR NONRESIDENT STUDENT FEES

(5) The Committee on Fees recommends a revision in paragraph 15 in the "Regulations Governing Assessment of Resident or Nonresident Student Fees," effective June 1, 1960, as follows; the changes are shown in italics and language to be deleted is in parentheses.

Staff members and the spouses and *dependent* children of staff members of the University and *allied agencies located in Champaign-Urbana* on full-time appointment (at the University), members of the faculties of state-supported institutions of higher education in Illinois on full-time appointment, (and) teachers on full-time appointment in the elementary and secondary schools in Illinois, *and staff members on full-time appointment with allied agencies located elsewhere in Illinois* shall be permitted to attend the University upon paying the same tuition and other fees assessed against resident students during the period the staff member, faculty member, or teacher holds such appointment *and during the Summer Session immediately following the school year for which such appointment was effective.* (. . . and is performing the duties of the position specified above to which he has been appointed.)

I concur.

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

APPROPRIATION FOR GRADUATE COLLEGE FELLOWSHIPS FOR 1960-61

(6) On request of the Dean of the Graduate College and with the concurrence of the Vice-President and Provost and the Vice-President and Comptroller, I recommend an appropriation of \$282,500 for fellowships during the academic year 1960-61 — \$262,500 for graduate study at Urbana and \$20,000 for graduate study at the Chicago Professional Colleges. This is the same annual amount as has been assigned by the Board for fellowships during the past several years.

Funds have been included in the biennial budget for 1960-61 for this purpose.

On motion of Mr. Johnston, this appropriation was made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Pogue, Mr. Stratton, Mr. Swain.

CONTRACT FOR STORM SEWER CONSTRUCTION TO SERVE ORCHARD PLACE APARTMENTS AREA

(7) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$9,989 to Illiana Construction Company, Inc., Urbana, the lowest bidder, for the construction of a new storm sewer connection from the south end of the Orchard Place Apartments area to the Race Street storm sewer. Funds are available in the construction account for this housing project.

I concur.

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

PURCHASES

(8) 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 the lowest acceptable bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One Tektronix model 555 dual beam oscilloscope	Electrical Engineering	Tektronix, Inc., Park Ridge	\$3 201 45 f.o.b. delivered
One No. 500/53A scopemobile			
One "CA" preamplifier			
One "H" preamplifier			
One type 2.004 digital voltmeter group, complete with all necessary harness, cables, and connectors for use with Model 16-31-R pace analog computer	Electrical Engineering	Electronic Associates, Inc., Long Branch, N.J.	2 900 00 f.o.b. Long Branch, N. J.
54 cat cages	Electrical Engineering	Leichner Manufacturing Co., Champaign	3 483 00 f.o.b. delivered
One five-channel remote area monitoring system including: One TA-1 control and power unit One TA-2 auxiliary chassis One MX-7Q audible alarm Five TA-6 probes Five AX-5 wall and probe bracket set Five AX-2 plug-in meters and alarm light Five TA-3 station indicator 400 feet cable One single pen strip chart recorder to monitor one channel	Physics	Tracerlab, Inc., Waltham, Mass.	4 328 00 f.o.b. delivered
Two gold bars 99.999 per cent pure, 25 inches long x .480 ± .010 x .480 ± .010	Physics	Sigmund Cohn Corp., Mount Vernon, N.Y.	6 655 00 f.o.b. Mount Vernon, N.Y.
One wheel chair kitchen unit consisting of: One range unit (less range) One sink unit (less sink) Two mix centers Eight base and upper cabinet units Two full height cabinet units Six corner cabinet units	Home Economics	Zwettler & Stahnke, Urbana	4 010 42 f.o.b. delivered
Six microscopes, student, monocular; 10X, 43X, 97X (oil), 10X eyepiece Nine microscopes, student, monocular; 2X, 10X, 15X, 97X, 10X eyepiece One microscope, phase, 10X, 20X, 30X, 97X dark contrast Less trade-in allowance for one obsolete microscope, three objective, one eyepiece	Microbiology Veterinary Medicine	Arthur S. LaPine & Co., Chicago	5 559 70 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One portable automatic flask washer	Hospital Pharmacy	American Sterilizer Co., Chicago	\$2 840 00 delivered
Two analog computers; one X-Y recorder and accessories	Physiology, College of Medicine	Donner Scientific Co., Concord, Calif. Two analog computers Concord, Calif.	8 252 30 f.o.b.
		Crossley Associates, Inc., Chicago	1 700 00 f.o.b.
		One X-Y recorder	Pasadena, Calif.
One set of band-orchestra-chorus folding risers, five levels, with over-all size of layout, 60 ft. x 30 ft.	Music Extension	Martin O. Larson Co., Chicago	3 689 00 f.o.b.
20,000 copies, printed and bound, <i>High School Mathematics</i> , Units 1 through 4, Students' Edition, approximately 708 pages	University Press	The Waldemar Press, Indianapolis, Ind.	36 466 00 delivered
3,000 copies, printed and bound, <i>High School Mathematics</i> , Teachers' Edition, approximately 757 pages			
And such additional quantities of the Students' Edition and/or Teachers' Edition, as required to meet the needs of the program through June 30, 1961			
Print and bind 2,500 copies of <i>The Impact of Educational Television</i> , edited by Wilbur Schramm, approximately 288 pages per copy	University Press	Vail-Ballou Press, Inc., New York, N.Y.	4 960 23 f.o.b.
Print and bind 1,000 copies of <i>Genesis and Structure of Society</i> , by Giovanni Gentile, approximately 224 pages per copy	University Press	Vail-Ballou Press, Inc., New York, N.Y.	5 665 65 f.o.b.
Print and bind 1,000 copies of <i>Social Philosophy of Giovanni Gentile</i> , by H. S. Harris, approximately 368 pages per copy			delivered
Print and bind 34,000 copies of the Time Table for the first semester of 1960-61, approximately 256 pages per copy	University Press	The Cuneo Press, Inc., Chicago	5 594 45 f.o.b.
Print and bind 40,000 copies of the Undergraduate Study Catalog for 1960-61	University Press	Pantagraph Printing & Stationery Co., Bloomington	25 697 00 f.o.b.
One 3M Makeready exposure unit, electronically controlled, for the reproduction of halftones	Print Shop	Minnesota Mining & Manufacturing Co., St. Paul, Minn.	3 195 00 f.o.b.
160 steel bookshelf sections, each 36 in. wide x 9 1/2 in. deep x 84 in. high	Office Supply Stores	Jack Sheean, Bloomington	5 024 00 f.o.b.
Steel office furniture, for Office Supply Storeroom stock to be distributed to various University departments as follows: 200 desks 25 tables 195 filing cabinets	Office Supply Stores	All-Steel Equipment, Inc., Aurora	29 143 67 f.o.b.
390 steel office chairs, Naugahyde plastic upholstery, for stock to be distributed to various University departments, assorted styles as follows: 150 swivel arm chairs 20 swivel chairs, no arms 50 side arm chairs 100 side chairs, no arms 70 stenographers' chairs	Office Supply Stores	All-Steel Equipment, Inc., Aurora	9 919 45 f.o.b.
160 steel storage cabinets, for Office Supply Storeroom stock to be distributed to various University departments, sizes as follows: 150 36 in. wide x 18 in. deep x 78 in. high 10 36 in. wide x 24 in. deep x 78 in. high	Office Supply Stores	All-Steel Equipment, Inc., Aurora	5 513 19 f.o.b.
White watermarked paper, 22 x 34, as follows: 400 reams 40 lb. 50 per cent rag 100 reams 32 lb. 50 per cent rag 400 reams 40 lb. 25 per cent rag 200 reams 32 lb. 25 per cent rag 75 reams 26 lb. 25 per cent rag	Office Supply Stores	Hawthorne Paper Co., Chicago	12 760 25 f.o.b.
White bond paper, 22 x 38, as follows: 36 reams 39 lb. 25 per cent rag 24 reams 49 lb. 25 per cent rag			delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
69,000 sheets 25 1/4 in. x 90 1/4 in. sulphite index paper in various colors and weights	Office Supply Stores	Decatur Paper House, Inc., Decatur	\$2 608 12 f.o.b. delivered
Six-room prefabricated house to have 1144 square feet living space, to be erected on foundation provided by the University at the Dixon Springs Experiment Station (this is for use as a residence by a University staff member in service at Dixon Springs)	Dixon Springs Experiment Station	Southern Homes, Inc., Marion	7 293 54 f.o.b. delivered and erected
One 75-gallon per hour capacity distilled water still, complete with automatic controls	Physical Plant, Chicago	American Sterilizer Co., Chicago	2 834 00 delivered
One Crawler tractor, 35 belt horsepower, complete with front loader, scraper, clamshell, and skid shovel, to replace 1948 Caterpillar crawler tractor and loader	Physical Plant	Hannagan's Power Farm, Champaign	4 312 00 f.o.b. Urbana
Fire and extended coverage insurance, subject to 50 per cent coinsurance, for three years, in the amount of \$250,000 covering the Drill Hall Building at Navy Pier, Chicago	Physical Plant, Chicago Undergraduate Division	Capen Insurance Agency, Bloomington, representing the Kansas City Fire & Marine Insurance Co. Liberty Mutual Insurance Co., Chicago	5 983 13 2 494 38 (8 477 51)
Nine four-door sedans	Physical Plant	Courtesy Motor Sales, Inc., (Ford), Chicago	
One four-door nine-passenger station wagon		Nine sedans	7 496 64
One pickup truck, 5,000 lbs. gross vehicle weight		One pickup truck	2 003 94
One van truck, 14,000 lbs. gross vehicle weight		University Ford Sales, Inc., Champaign	
Less trade-in allowance for nine sedans and one station wagon. The two trucks are additions to the Physical Plant's operational equipment, and the passenger vehicles are replacements.		One station wagon	1 096 00
		Sullivan Chevrolet Co., Champaign	
One Huge Haul refuse container, 30 cubic yard capacity, for use with Huge Haul refuse disposal equipment operated by the Physical Plant	Housing Division	Coleman & Associates, Rockford	2 757 72 f.o.b. Urbana
1,976 chairs	Housing Division	Faucett-Umphrey Corp., Bloomfield, Ind.	216 278 60 f.o.b.
1,976 desks		Desks, beds, and bolsters	delivered
310 bolsters		S. Buckman Furniture & Supply Co., Spring Valley	48 275 64 f.o.b. delivered
1,582 single beds	Astronomy	Chism & Miller, Inc., Springfield	
197 bunk beds			23 573 00
Laboratory building to be constructed at the Radio Telescope site near Danville, Illinois, building to be of prefabricated metal, 32 ft. x 60 ft.	Pharmacy	Schaar & Co., Chicago	2 920 35 delivered

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

COMPTROLLER'S REPORT OF CONTRACTS

(9) The Comptroller's report of contracts executed during the period February 1 to 29, 1960.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Dairy Association	Relationship of milk protein to serum cholesterol levels	\$ 3 500 00	November 25, 1959
Community Youth Council, Inc.	Recreation and park survey	500 00	November 10, 1959
Laura Lee Fellowship House Association	Neighborhood recreation survey	400 00	January 1, 1960
National Educational Television and Radio Center	To produce twenty television educational programs	13 000 00	July 1, 1959
The National Aeronautics and Space Administration	Support of basic scientific research entitled "Establishment of a radio receiving station north of the Auroral Zone for use in studying signals received from radio bearing satellites"	11 073 00	December 1, 1959

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Army DA-11-022-ORD-3310	Decomposition reactions, both ionic and free-radical, of organic peroxides	\$11 178 20	February 1, 1960
United States of America acting through Department of State	Assist the Department to carry out a Brazilian Student Leader Seminar	42 170 00	December 1, 1959
United States Atomic Energy Commission AEC BM-8-15-60	Purchase of a manual liquid scintillation counter	8 500 00	December 4, 1959
United States Navy Nonr-1834(32)	Structure of turbulent velocity and pressure fluctuations in the boundary layer	17 000 00	January 1, 1960

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Pitney-Bowes, Inc.	Lease of postage meter "Chicago"	\$ 156 00 annually	February 19, 1960

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Association of American Railroads	Performance of filter materials in subdrains	\$ 2 000 00	January 5, 1960
Association of American Railroads	Railroad roadbed stabilization	1 000 00	December 31, 1959
Dawe's Laboratories, Inc.	Animal and poultry nutrition	2 000 00	February 11, 1960
Moorman Manufacturing Co.	Poultry nutrition	2 600 00	February 22, 1960
United States Air Force AF 33(616)-5965	Classification of tasks for ordering knowledge of human learning	24 967 00	December 15, 1959
United States Air Force AF 49(638)-212	Metallic properties of titanate semiconductors	17 360 00	December 30, 1959
United States Army DA-11-022-ORD-1985	Diazo reactions and certain ketonic rearrangements	4 482 00	February 1, 1960
United States Army DA-11-177-AV-582	Pilot training	500 75	December 23, 1959
United States Army DA-49-129-ENG-393	Multiple-panel reinforced concrete floor for buildings	10 000 00	January 4, 1960
United States Atomic Energy Commission AT (11-1)-67 Project No. 9	Structural changes in metals due to annealing after deformation	24 068 00	January 21, 1960
United States Atomic Energy Commission AT (11-1)-392	Development of new principles and techniques of submillimeter wave generation, detection, and measuring	7 000 00	January 21, 1960
United States Navy Nonr-1834(02)	Development of radio wave direction-finding techniques	50 000 00	January 7, 1960

Adjustments Made in 1959-60 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Harry F. Fisher (Plastering)	Twenty-six items: \$130.23 deduct to \$352.00	\$ 1 518 73	January and February, 1960

This report was received for record.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations, declinations, and cancellations; (4) 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.)
APPLEGATE, SHELTON P., Assistant in Biological Sciences (Chicago Undergraduate Division), February 1-June 15, 1960, \$2100 (2-20-60).

- APTER, JULIA T., Research Associate in Psychiatry (Medicine), eight months from January 1, 1960, \$958.33 a month (2-20-60).
- ASCH, WALTER B., Assistant in Social Sciences (Chicago Undergraduate Division), February 1-June 15, 1960, \$444.44 a month, supersedes (2-23-60).
- ATTEBERRY, GEORGE D., Assistant in Marketing (Agricultural Economics) (S), seven months from February 1, 1960, \$6200 a year (2-11-60).
- BEULIGMANN, RAYMOND F., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, March 1-August 31, 1960, to render service during the second semester of the academic year, \$1000 a year; this supersedes his previous appointment and is in addition to his Engineering Faculty Development Teaching Fellowship in Electrical Engineering (2-11-60).
- BUTLER, DAVID E., Associate Member of the Center for Advanced Study, Department of Political Science, six months from July 1, 1960, \$6000 (2-26-60).
- CARMER, SAMUEL G., Assistant in Agronomy (C), February 1-August 31, 1960, \$4600 a year, supersedes (3-1-60).
- CASELL, ROBERT L. S., Instructor in English (Chicago Undergraduate Division), to render service during the second semester of the academic year, February 1-August 31, 1960, \$2700 (2-23-60).
- DAVIES, ALAN J., Clinical Instructor in Surgery (Medicine), $\frac{3}{10}$ time, five months from February 1, 1960, \$150 a month, supersedes his nonsalaried appointment (2-20-60).
- DHARMARAJAN, SANGIAH, Research Associate in Theoretical and Applied Mechanics (C), $\frac{7}{10}$ time, to render service during the second semester of the academic year, February 1-August 31, 1960, \$3500 a year, supersedes (2-23-60).
- DUNLAP, RUANE D., Assistant in Marketing (Agricultural Economics) (S), seven months from February 1, 1960, \$5800 a year, supersedes (2-11-60).
- EBNER, KURT E., Assistant in Dairy Science (S), six months from February 1, 1960, \$4800 a year (2-23-60).
- ECKHARDT, SUE A., Research Assistant in Botany, February 17-August 31, 1960, \$4600 a year, supersedes (2-23-60).
- EMRICK, ROY M., Research Associate in Physics (C), March 1-August 31, 1960, \$6600 a year, supersedes (3-1-60).
- ENDERBY, CHARLES E., Instructor in Electrical Engineering (S), March 1-August 31, 1960, \$5380 a year, supersedes (3-1-60).
- ETTER, DONAL E., Research Assistant in the State Water Survey, February 16-June 30, 1960, \$4400 a year (2-24-60).
- FRENCH, JAMES L., Instructor in Mechanical Engineering (C), $\frac{1}{4}$ time, to render service during the second semester of the academic year, March 1-August 31, 1960, \$1500 a year; this supersedes his appointment dated August 4, 1959, and is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Mechanical Engineering (2-23-60).
- GAITHER, ROBERT B., Instructor in Mechanical Engineering (C), $\frac{1}{4}$ time, to render service during the second semester of the academic year, March 1-August 31, 1960, \$1500 a year; this supersedes his appointment dated September 12, 1959, and is in addition to his appointment as Ford Foundation Fellow in Mechanical Engineering (2-23-60).
- GIESE, JAMES W., Instructor in Accountancy, March 1-August 31, 1960, to render service during the second semester of the academic year, \$2400, supersedes (3-1-60).
- HART, HOWARD R., JR., Research Associate in Physics (C), seven months from February 1, 1960, \$7200 a year, supersedes (3-1-60).
- KARNI, SHLOMO, Instructor in Electrical Engineering (C), March 1-August 31, 1960, to render service during the second semester of the academic year, \$6000 a year, supersedes (2-11-60).
- KARPLUS, MARTIN, Associate Professor of Physical Chemistry, indefinite tenure beginning February 1, 1960, to render service during each academic year, \$8000 a year, supersedes (2-22-60).
- KILLIAN, THOMAS J., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, March 1-August 31, 1960, to render service during the second semester of the academic year, \$2250 a year (2-11-60).
- KLOCK, PAUL W., Instructor in Electrical Engineering (C), $\frac{1}{5}$ time, six months from March 1, 1960, to render service during the second semester of the

- academic year, \$1120 a year; this supersedes his previous appointment and is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Electrical Engineering (2-11-60).
- KNAKE, ELLERY L., Assistant Professor of Field Crops Extension, in the Department of Agronomy (S), $\frac{1}{4}$ time, and in the Extension Service in Agriculture and Home Economics, $\frac{1}{4}$ time, seven months from February 1, 1960, \$4900, supersedes (2-11-60).
- KREIER, JULIUS P., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine and Graduate College), seven months from February 1, 1960, \$5850 a year, supersedes (2-20-60).
- KRIAUCIUNAITIS, VITA, Research Assistant in Preventive Medicine (Medicine), February 15-August 31, 1960, \$4800 a year (3-1-60).
- KRIZAN, THOMAS F., Instructor in the Sports Fitness School, Department of Physical Education for Men, $\frac{2}{3}$ time, June 20-August 13, 1960, \$889; this is in addition to his present appointment (3-1-60).
- LASSLO, MRS. WILMA R., Serials Cataloger, with rank of Instructor, in the Library, June 20-August 31, 1960, \$458.33 a month (2-23-60).
- LAWSON, JOAN C., Instructor in English (Chicago Undergraduate Division), $\frac{1}{2}$ time, February 1-June 30, 1960, to render service during the second semester of the academic year, \$1125 (2-20-60).
- MALHOTRA, OM PARKASH, Instructor in Veterinary Physiology and Pharmacology (Veterinary Medicine), six months from March 1, 1960, \$5800 a year, supersedes (2-20-60).
- MANN, RANDALL L., Clinical Instructor in Medicine (Medicine), February 18-August 31, 1960, without salary (2-20-60).
- MEYER, PAUL-ANDRÉ, Research Associate in Mathematics, February 1-June 15, 1960, \$2750 (2-20-60).
- MILLER, SOL, Research Assistant in Anthropology, four months from February 1, 1960, \$366.67 a month (2-11-60).
- MOUNT, WILLIAM J., Instructor and Specialist in Food Merchandising and Consumer Education (E), six months from March 1, 1960, \$7000 a year (2-20-60).
- MOYAR, GERALD J., Research Associate in Theoretical and Applied Mechanics (C), February 1-August 15, 1960, to render service during the second semester of the academic year, \$525 a month (2-15-60).
- MUELLER, ILZE, Assistant in Foreign Languages (Chicago Undergraduate Division), February 1-June 15, 1960, \$2000, supersedes (2-23-60).
- MULDOON, ROBERT L., Research Associate in Medicine (Medicine), February 8-August 31, 1960, \$6800 a year (2-23-60).
- MUNRO, CLARE, Research Associate in Psychiatry (Medicine), six months from January 1, 1960, \$6500 a year (2-11-60).
- NAGARAJ, AKKIHBBAL N., Research Associate in Botany, six months from February 1, 1960, \$3000, supersedes (2-20-60).
- ORBAN, DENES, Assistant in Obstetrics and Gynecology (Medicine), January 1, 1960-June 30, 1961, without salary (2-20-60).
- PALMER, JOHN R., Assistant in Education, February 1-June 15, 1960, \$500 a month, supersedes (2-24-60).
- PENNIMAN, WILLIAM D., Editorial Assistant in the Engineering Experiment Station and in the College of Engineering, June 16-August 31, 1960, \$444.44 a month (3-1-60).
- PICKETT, ARTHUR D., Associate Professor of Biological Sciences, on indefinite tenure beginning February 1, 1960, to render service during each academic year, and Associate Dean of Administration, February 1, 1960-August 31, 1961 (Chicago Undergraduate Division), \$13,000 a year, supersedes (2-11-60).
- POWELL, JOHN T., Instructor in the Sports Fitness School, Department of Physical Education for Men, $\frac{1}{2}$ time, June 20-August 13, 1960, \$667; this is in addition to his present appointment (3-1-60).
- RODDA, ERROL D., Instructor in Agricultural Engineering (C), $\frac{1}{4}$ time, February 1-August 31, 1960, \$1700 a year; this supersedes his appointment dated September 18, 1959, and is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Civil Engineering (2-23-60).
- RODRIGUEZ, GABRIEL A., Assistant in Obstetrics and Gynecology (Medicine), January 1, 1960-June 30, 1960, without salary (2-20-60).

- SARKISSIAN, JOHN L., Instructor in Biological Sciences (Chicago Undergraduate Division), five months from February 1, 1960, to render service during the second semester of the academic year, \$2250 (2-20-60).
- SCHROER, HORST H., Research Associate in Physics (C), February 15-August 31, 1960, \$7000 a year (2-23-60).
- SELSKY, MELVYN I., Research Associate in Botany, five months from February 1, 1960, \$2500, supersedes (2-20-60).
- SPURLOCK, JEANNE, Clinical Assistant Professor of Psychiatry (Medicine), $\frac{1}{4}$ time, eight months from January 1, 1960, \$2500 a year, supersedes her non-salaried appointment (2-20-60).
- STAFFORD, JOSEPH J., Research Assistant in Electrical Engineering (S), seven months from February 1, 1960, \$5200 a year, supersedes (2-23-60).
- STEIER, WILLIAM H., Assistant Professor of Electrical Engineering (C), to render service during each academic year, March 1, 1960-August 31, 1960, \$3600, and September 1, 1960-August 31, 1961, \$7200, supersedes (2-15-60).
- TOBIN, ARNOLD D., Research Associate in Psychiatry (Medicine), 15/100 time, seven months from February 1, 1960, \$1800 a year (2-23-60).
- TOEPFER, RICHARD E., JR., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, to render service during the second semester of the academic year, March 1-August 31, 1960, \$1040 a year; this supersedes his previous appointment and is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Electrical Engineering (2-11-60).
- VARANDANI, PARTAB T., Research Associate in the Radiocarbon Laboratory, six months from March 1, 1960, \$5500 a year, supersedes (3-1-60).
- WATANABE, TOSHIO, Research Associate in Physiology (Medicine), 15/100 time, eight months from January 1, 1960, \$90 a month (2-20-60).
- WHITE, ROBERT A., Instructor in Mechanical Engineering (C), $\frac{3}{4}$ time, to render service during the second semester of the academic year, March 1-August 31, 1960, \$3900 a year, supersedes (2-23-60).

GRADUATE FELLOWS

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

- BEULIGMANN, RAYMOND F., Engineering Faculty Development Teaching Fellow in Electrical Engineering, seven months from February 1, 1960, \$1667; this is in addition to his appointment as Instructor in Electrical Engineering on one-fifth time (1-22-60).
- BOYER, ALVIN C., United States Public Health Service Fellow (Trainee) in Chemistry, February 1-June 15, 1960, \$1012 (2-18-60).
- DYER, JAMES R., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1959, \$2800 (2-22-60).
- FRENCH, JAMES L., Engineering Faculty Development Teaching Fellow in Mechanical Engineering, seven months from February 1, 1960, \$875; this is in addition to his appointment as Instructor in Mechanical Engineering on one-fourth time (1-22-60).
- GILBERG, ARNOLD, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), five months from February 1, 1960, \$60 a month (2-29-60).
- GREEN, MELVIN H., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1959, \$600 (2-22-60).
- GUIRE, PATRICK E., United States Public Health Service Fellow (Trainee) in Chemistry, February 1-June 15, 1960, \$950 (1-27-60).
- HAUGH, CONNOR F., General Electric Company Fellow in Electrical Engineering, February 1-June 15, 1960, \$875 (2-12-60).
- HEDVIG, THOMAS I., Engineering Faculty Development Fellow in Electrical Engineering, seven months from February 1, 1960, \$1167 (2-4-60).
- KLOCK, PAUL W., Engineering Faculty Development Teaching Fellow in Electrical Engineering, seven months from February 1, 1960, \$1074; this is in addition to his appointment as Instructor in Electrical Engineering on one-fifth time (1-22-60).
- LARSON, RUSSELL L., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1959, \$400 (2-22-60).

- OLSON, ROY E., American Society for Testing Materials Fellow in Civil Engineering, nine months from January 1, 1960, \$5000 (2-10-60).
- RAAMOT, TONIS, Engineering Faculty Development Fellow in Civil Engineering, February 1-June 15, 1960, \$700 (2-29-60).
- REHAK, JAMES R., B. B. Rappaport Dental Student Part-time Research Fellow (Chicago Professional Colleges), four months from February 15, 1960, \$400 (2-19-60).
- REYNOLDS, HARRY A., United States Public Health Service Fellow (Trainee) in Veterinary Medicine, one year from February 1, 1960, \$4700 (1-25-60).
- RILEY, WILLIAM H., United States Public Health Service Fellow (Trainee) in Chemistry, February 1-June 15, 1960, \$970 (2-18-60).
- RODDA, ERROL D., Engineering Faculty Development Teaching Fellow in Civil Engineering, seven months from February 1, 1960, \$759; this is in addition to his appointment as Instructor in Agricultural Engineering on one-fourth time (1-28-60).
- TOEPFFER, RICHARD E., JR., Engineering Faculty Development Teaching Fellow in Electrical Engineering, seven months from February 1, 1960, \$893; this is in addition to his appointment as Instructor in Electrical Engineering on one-fifth time (1-22-60).
- UPPER, CHRISTEN D., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1959, \$400 (2-22-60).
- WORTH, EDWARD G., Engineering Faculty Teaching Development Fellow in Civil Engineering, seven months from February 1, 1960, \$245; this is in addition to his appointment as Assistant in Civil Engineering on one-fourth time (2-4-60).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- ARIGONI, DUILIO, Visiting Lecturer in Chemistry—declination effective February 1, 1960.
- BRINLING, JOHN C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges)—resignation effective February 9, 1960.
- CZERNIK, DANIEL E., Fellow in Mechanical Engineering—resignation effective February 1, 1960.
- DILL, JONATHAN L., National Institute for Mental Health Fellow (Trainee) in Social Work—resignation effective February 1, 1960.
- DUDLEY, WILLIAM A., Assistant in Animal Science (S)—resignation effective April 1, 1960.
- GRIEST, GUINEVERE L., Instructor in English (Chicago Undergraduate Division)—resignation effective March 1, 1960.
- HAUGH, CONNOR F., Instructor in Electrical Engineering (C)—resignation effective March 1, 1960.
- HAYNES, MRS. RUTH, Research Assistant in Botany—resignation effective February 17, 1960.
- HEDVIG, THOMAS I., Instructor in Electrical Engineering (C)—resignation effective March 1, 1960.
- HUSEK, THEODORE R., Research Associate in Psychology (College of Liberal Arts and Sciences, and Bureau of Educational Research)—resignation effective March 1, 1960.
- HUSSEY, MARY A., Instructor in English—resignation effective March 1, 1960.
- LIU, RUEY-WEN, General Electric Company Fellow in Electrical Engineering—resignation effective February 1, 1960.
- MCCONNELL, ANN L., Special Fellow in Social Work—declination effective February 1, 1960.
- OLSON, ROY E., Instructor in Civil Engineering (C and S)—cancellation effective January 1, 1960.
- POWERS, JOANN S., Research Assistant in Dairy Science (S)—resignation effective March 16, 1960.
- ROSQUIST, OLE, Fellow in Law—resignation effective February 1, 1960.
- SHIELDS, JACK W., Clinical Assistant in Medicine—resignation effective February 1, 1960.
- WILKINSON, JANET, National Institute for Mental Health Fellow (Trainee) in Social Work—resignation effective February 1, 1960.

LEAVES OF ABSENCE

- FISCH, MAX H., Professor of Philosophy—leave of absence for the second semester of the current academic year 1959-60 changed to leave of absence, without pay, for 41.4 per cent time, effective March 1, 1960.
- KOHL, CARL W., Assistant Professor of Mathematics—leave of absence, with full pay for February and March, 1960, and without pay from April 1 through August 31, 1960, on account of illness.
- SUZUKI, MICHIO, Professor of Mathematics—leave of absence, without pay, for the academic year 1960-61, so that he may accept a position as Visiting Research Professor of Mathematics at the University of Chicago.
- WILCOCK, RICHARD C., Associate Professor of Labor and Industrial Relations—leave of absence, without pay, for the period beginning September 16, 1960, through January 31, 1961, so that he may serve as Visiting Professor at the University of California at Los Angeles during the first semester of 1960-61.

MEETINGS OF ASSOCIATION OF HIGHER EDUCATION

Mrs. Watkins made an informal report on meetings of the Association of Higher Education held in Chicago during the week of March 7 which she attended as one of the representatives of the University.

APRIL AND MAY MEETINGS

President Williamson called attention to the Board's decision to hold its April meeting in Chicago, on Wednesday, April 20, and asked the Board to set the date of the May meeting.

On motion of Mrs. Watkins, the Board voted to hold its May meeting in Urbana, Illinois, on Tuesday, May 17, 1960, at an hour and place to be determined by the President and the Secretary of the Board.

RECESS

At this point the Board recessed for luncheon.

Mr. Clement asked to be excused from further attendance at the meeting on account of illness.

EXECUTIVE SESSION

When the Board reconvened, Mr. Swain joined the meeting.

On motion of Mr. Herrick, an executive session was ordered for consideration of the following recommendations relating to property acquisitions.

PURCHASE OF A. R. TEMPLE FARM IN CHAMPAIGN COUNTY

(10) The Dean of the College of Agriculture and the Director of the Experiment Station, the Director of the Physical Plant, and the Vice-President and Comptroller recommend the purchase, through the University of Illinois Foundation, from Mr. Boyd Harper, Champaign, of an area of approximately eight-five acres of farm land immediately north of land recently acquired from Esther and Grace Maxwell at a price of \$1,750 an acre, payment in full to be made at the time possession is given to the Foundation, which will be not later than March 1, 1961. This tract adjoins University property in the area of its south farms and is part of the program of farm land acquisition for the College of Agriculture and the Experiment Station.

Since the University does not presently have funds for this land acquisition, it is recommended that the Foundation be requested to purchase it for the University and to finance this through borrowing of the amount of money necessary (approximately \$150,000) from the First National Bank of Chicago, and to lease the property to the University at a rental sufficient to cover the interest and other costs. When funds are available to the University, it will purchase the property from the Foundation for the amount the latter will then have invested in the property, and the Foundation will repay the loan and transfer title to the University. A commitment to make the loan has been secured from the Bank.

The Committee on Buildings and Grounds has previously considered this proposal and recommends approval.

On motion of Mr. Hughes, this recommendation was approved. Mr. Herrick asked to be recorded as voting "no."

**PROPOSAL FOR ACQUISITION OF GARFIELD PARK AREAS
FOR RELOCATION OF CHICAGO UNDERGRADUATE DIVISION**

The Committee on General Policy reported that it has considered recommendations from the President of the University and the Director of the Physical Plant that a proposal be made to the Chicago Park District and the city of Chicago for the acquisition by the University of certain areas of Garfield Park land as a site for the Chicago Undergraduate Division.

The Committee presented this proposal to the Board of Trustees with the recommendation that it be authorized. Copies of the complete text of the proposal were distributed to the Trustees, and a copy has been filed with the Secretary of the Board for record. There followed a discussion of the proposal in which all members of the Board present participated.

Mr. Johnston then asked that this proposal be approved as a recommendation from the Committee on General Policy.

On motion of Mr. Swain, the President of the University was authorized to present the proposal to the Commissioners of the Chicago Park District and to the Mayor of Chicago; Mr. Harewood asked to be recorded as present but not voting.

On motion of Mr. Swain, the Executive Committee of the Board was authorized to act for the Board in negotiations with officials of the Chicago Park District on any matters relating to the acquisition of Garfield Park land requiring official action by the Board of Trustees; in particular, the Executive Committee was authorized to accept an offer, if made by official action of the Chicago Park District prior to the April 20 meeting of the Board of Trustees, to the Board for the purchase of land in Garfield Park if the offer is in accord with the proposal today approved by the Board, or to accept an option tendered to the Board of Trustees of the University, if offered by official action of the Chicago Park District prior to the April 20 meeting of the Board of Trustees, to purchase land in Garfield Park at a price based on the fair cash value of such land to be determined by an appraisal procedure requiring the unanimous agreement of three appraisers, one to be selected by the Chicago Park District, one by the Board of Trustees of the University, and the third to be selected by the other two appraisers.

On this motion the vote was: Aye, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; present but not voting, Mr. Harewood; absent, Mr. Clement, Mr. Pogue, Governor Stratton.

On motion of Mrs. Watkins, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President