

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

---

**September 21, 1960**



The September meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Wednesday, September 21, 1960, beginning at 2:00 p.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, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Governor William G. Stratton was absent.

Also present were President David D. Henry, Vice-President and Provost Lyle H. Lanier, Dr. Joseph S. Begando, Assistant to the President and Acting Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

**MEETINGS OF COMMITTEES**

Meetings of the Board's Committees on General Policy and Buildings and Grounds were held on Wednesday, September 21, 1960, beginning at 10:00 a.m.

**MINUTES APPROVED**

The Secretary presented the minutes of the meeting of the Board of Trustees on May 17, 1960, press proof copies of which have previously been sent to the Board.

On motion of Mr. Swain, the minutes were approved as printed on pages 1275 to 1310, 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.

**AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES**

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in May, 1960, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943, as amended:

HAROLD OTTO ALBERS (Roselle)	ALBERT OSCAR ECK (Springfield)
DONALD FRANCIS ARGUS (Chicago)	EUGENE CHESTER ERNSTING (Roselle)
HAROLD EDWARD ARNETT (Danville)	JOHN HENRY EVENHOUSE (Cicero)
ROGER GERARD ASHAMY (Coal City)	JOSEPH BERNARD FANCHI (Chicago)
ALAN WENDELL BERGSTEDT (Chicago)	MARVIN FOX (Chicago)
CHARLES MORRIS BLEY (Chicago)	EDWARD FREDERICK FREDERKING (Nashville)
SYLVIA KAY BOHRMAN (Chicago)	ROBERT HENRY FREITAG (Taylorville)
WILLIAM EUGENE BONHAM (Normal)	WILLIAM HENRY FREWERT (Forest Park)
THEODORE HOWARD BORKAN (Chicago)	JAMES DONALD GIBBONS (Chicago)
BRUCE BARTON BOWERS (Champaign)	MILES ALLEN GILL (Chicago)
BYRON DWIGHT BREEMS (Chicago)	SHELDON HARVEY GINSBURG (Chicago)
JOSEPH THOMAS BRUSHERD (Cicero)	EDWARD DEAN GODDARD (Chicago)
DEAN CRAIG BYRD (Skokie)	GENE JAY GOLDBERG (Chicago)
LOREN DEWEY CAMERON (Chicago Heights)	HAROLD GOLDBERG (Chicago)
MYRON ARTHUR CARPENTER (Pleasant Hill)	HERBERT FRED GOLDEN (Urbana)
CHARLES JOHN CAVALLO (Itasca)	RICHARD ALAN GOLDSTINE (Chicago)
ARTHUR DEAN CHOWN (Bloomington)	HUGH BYRNE GOOD (Champaign)
DON BRINEE COHEN (Chicago)	MORRIS GOODMAN (Chicago)
GLEN RICHARD COLE (Rockford)	CHARLES MAURICE GOULD (Chicago)
FREDERICK JOHN COOK, JR. (Hinsdale)	DONALD IRWIN GRAUER (Chicago)
ROBERT ANTHONY CORRELLO (Oak Lawn)	RICHARD ANTHONY GRIMLER (Chicago)
MATTHEW RICHARD COSGROVE (Glenview)	CHARLES ALFRED GULBRANSEN (Chicago)
GERARD STEPHEN COSSIDENTE (Chicago)	BERYL DEAN HALTERMAN (Libertyville)
PAUL NICHOLAS CROSSLAND (Park Forest)	CHARLES SHELDON HANDEL (Chicago)
DONALD ARCHILLE CYRIER (Mount Prospect)	RICHARD XAVIER HATCH (Naperville)
MERWYN EARL DAN (Park Forest)	EDDIE RAY HENSON (Paris)
ROBERT LEE DAN (Chicago)	SAMUEL HODES (Peoria)
THOMAS JOHN DELANEY (Chicago)	JACK ANTHONY HOFFMEISTER (Chicago)
MARVIN DUANE DENNIS (Chicago)	STEWART WAYNE HOLLOCKER (Lake Villa)
STANTON NORRIS DERDGER (Chicago)	JAMES DOUGLAS HORSTMANN (Westmont)
JAMES PAUL DREVETS (Chicago)	ARTHUR JOHN HYBERT (Chicago)
GENEVIEVE HELEN DUFFIN (Chicago)	ROBERT HOWARD ISAACS (Chicago)
JAMES WILLIAM DUNN (Markham)	

ROBERT JONES JACOBSON (Centralia)  
 HOWARD PAUL KEEFE (Chicago)  
 JAMES MICHAEL KELLEHER (Chicago)  
 MICHAEL CLAUD KENT (Evanston)  
 EARL LARSEN KESLER (Urbana)  
 RICHARD PETER KIEP (La Grange)  
 EDWARD GROVER KILLINGER (Franklin Park)  
 ROLAND IVAN KING (Chicago)  
 ALBERT HERMAN KNAUERHAZE (Hinsdale)  
 ALBERT KOPIN (Chicago)  
 WILLIAM EARL KOSSIAN (Orland Park)  
 JOSEPH ANDREW KOWALKOWSKI (Chicago)  
 TOM NICHOLAS KRUKONIS (Calumet City)  
 CHARLES ALBERT LENZIE (South Wilmington)  
 LARRY BERNARD LEONARD (Chicago)  
 ALBERT FLOYD LESKO (Hillside)  
 ARTHUR LOUIS LEVIN (Chicago)  
 ROBERT JOE LILL (Chicago)  
 TODD STEPHEN LUNDY (Chicago)  
 BURTON MALOW (Chicago)  
 STEPHEN LARRY MARCUS (Chicago)  
 NORMAN RICHARD MATSON (Chicago)  
 RUSSELL OWEN MCCANN (Decatur)  
 WILLIAM JAMES McDERMOTT (Mount Prospect)  
 JOHN JAMES McDONOUGH (Chicago)  
 RONALD PATRICK MCGOVERN (Chicago)  
 LESTER HARVEY MCKEEVER, JR. (Chicago)  
 THOMAS EDWARD McLAUGHLIN (Arlington Heights)  
 JOHN PAUL NELSON (Chicago)  
 RONALD NICKEL (Glenview)  
 JOHN JOSEPH NOTO (Chicago)  
 DONALD RUDD ODER (Chicago)  
 DONALD WARREN OLSON (Mokena)  
 WILLIAM THOMAS O'NEILL (Chicago)  
 EDWARD MARTIN PALUGA (Chicago)  
 WALTER RICHARD PATELSKI (Chicago)  
 FRANKLIN MILLER PHILLIPS (Jacksonville)

RICHARD JOSEPH POWELL (Chicago)  
 ALEXANDER PRZYPKOWSKI (Chicago)  
 LEONARD HAROLD REICIN (Chicago)  
 WILLIAM PETER REILAND (Chicago)  
 LOUIS P. ROBERTS (Springfield)  
 MILES EDWARD RODGERS (Glenview)  
 WILLIAM ROSENBLOOM (Chicago)  
 FRED ROTHENBERG (Chicago)  
 THOMAS JOYCE ROWND (Chicago Heights)  
 DAVID ROBERT RUBIN (Chicago)  
 JOHN JAMES RYMARCUS (Chicago)  
 WAYNE LINLEY SCHOEMAKER (Chicago)  
 JOSEPH SCIORTINO (Glenview)  
 ROY ETHRIDGE SEXTON (Elmwood Park)  
 ROGER LEE SHARPE (Peoria)  
 BERNARD SCHECHTMAN (Morton Grove)  
 MAURICE MERRIAM SHELTON (Palatine)  
 NORMAN SHULMAN (Chicago)  
 ROBERT SAMUEL SIEGEL (Chicago)  
 WILLIAM BENNERS SNOW (Chicago)  
 ROBERT EDWARD STANLEY (Springfield)  
 HAROLD LLOYD STRAUSS (Wilmette)  
 BRUCE ALAN STRUCKMAN (Elgin)  
 LAWRENCE BARRETT SULLIVAN (Chicago)  
 JAMES JUNIOR SWANN (Park Ridge)  
 HILBERT GEORGE SWANSON (Westmont)  
 JOHN JOSEPH TERRY (Chicago)  
 RUSSELL DEAN THORELL (Chicago)  
 BERNARD JOHN TRANDEL (Chicago)  
 THOMAS WERNER UDDENBERG (Chicago)  
 JAMES ARTHUR VICKREY (Freeport)  
 RICHARD LEWIS VOLPE (Wheaton)  
 RONALD ALLEN WEISS (Chicago)  
 HOWARD ANDREW WELCH, JR. (Evanston)  
 WILLIAM DAVID WIENER (Chicago)  
 JOHN JOSEPH WILLINGHAM (Decatur)  
 WARREN W. WILSON (Chicago)  
 EDWARD SCHAEFER WOLFF (La Grange)  
 DONALD WOODCOCK (Chicago)  
 CECIL EUGENE WORRELLS (Champaign)  
 ROY ROGER YOUNGER (Chicago Ridge)

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

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
JOHN CHARLES LENTZ	Collinsville	Missouri
JAMES ORVILLE POTTER	Geneva	District of Columbia
ERNST ERICH SCHNABL	Chicago	Nebraska
ROBERT FRANCIS SKEBHAN	Arlington Heights	Oklahoma
EDWARD JULIUS WILSMANN	Joliet	Wisconsin

I concur.

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

**APPOINTMENTS TO THE FACULTY**

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

1. WILLIAM ROSS ASHEY, Visiting Research Professor of Electrical Engineering, eight months from January 1, 1961, at a salary of \$9,000 (DY).
2. A. CRAIG BAIRD, Visiting Professor of Speech, five months from September 1, 1960, at a salary of \$5,400 (G).
3. JAY BOYD BEST, Associate Professor of Physiology, College of Medicine, beginning September 1, 1960, at an annual salary of \$11,800 (DY).
4. CEDRIC C. CUMMINS, Visiting Professor of History, on one-half time, for the academic year 1960-61, at a salary of \$5,000 (E50).
5. ALEXANDER ARTHUR HAYDAY, Assistant Professor of Mechanical and Industrial Engineering, beginning September 1, 1960, at an annual salary of \$8,700 (B).
6. JOSEPH CHARLES HEADLEY, Assistant Professor of Farm Management, Department of Agricultural Economics, beginning September 16, 1960, at an annual salary of \$9,000 (DY).
7. ORACE ELMO JOHNSON, Assistant Professor of Pharmacy Administration, College of Pharmacy, beginning September 1, 1960, at an annual salary of \$7,600 (D).
8. JOYCE COHEN LASHOF, Clinical Assistant Professor of Preventive Medicine, beginning July 1, 1960, without salary (DY).
9. ELIE PIERRE LEROY, Associate Professor of Pathology, College of Medicine, and Associate Pathologist in the Research and Educational Hospitals, beginning October 1, 1960, at an annual salary of \$15,600 (AY).
10. JOHN MICHAEL LIEVTSKY, Assistant Professor of Preventive Medicine, beginning September 1, 1960, at an annual salary of \$11,000 (DY).
11. YU-KWENG MICHAEL LIN, Assistant Professor of Aeronautical Engineering, beginning September 1, 1960, at an annual salary of \$9,000 (D).
12. ERIC JEAN LINDAHL, Visiting Professor of Mechanical and Industrial Engineering, five months from September 1, 1960, at a salary of \$6,750 (G).
13. PAUL ALEXANDER MANKIN, Assistant Professor of French, two years beginning September 1, 1960, at an annual salary of \$7,000.
14. WILLIAM JOHN MASON, Associate Professor of Business Education, beginning September 1, 1960, at an annual salary of \$8,000 (D).
15. JOAN MARIE MOYNAGH, Assistant Professor of Music, beginning September 1, 1960, at an annual salary of \$7,500 (B).
16. FRANCIS C. NEUHAUS, Assistant Professor of Biochemistry, for the month of August, 1960, at a salary of \$600; beginning September 1, 1960, at an annual salary of \$6,700 (G;D).
17. DONALD WILLIAM RAPP, Assistant Professor of Home Economics, beginning September 1, 1960, at an annual salary of \$7,350 (DY).
18. JOHN DALE ROSLANSKY, Assistant Professor of Zoology, beginning September 1, 1960, at an annual salary of \$6,500 (B).
19. MADELAINE TOUCHSTONE SHALABI, Assistant Professor in the Division of Social Sciences, Chicago Undergraduate Division, on 83/100 time, beginning September 1, 1960, at an annual salary of \$5,500 (D83).
20. SHYAMAL KUMAR SINHA, Associate Professor of Physiology and Pharmacology, assigned to College of Veterinary Science and Animal Husbandry, Mhow, Madhya Pradesh, India, under the University's contract with the International Cooperation Administration, two years from September 1, 1960, at an annual salary of \$12,200 (FY).
21. THOMAS ORVILLE SLOAN, Assistant Professor of Speech and Theater, beginning September 1, 1960, at an annual salary of \$6,300 (B).
22. DALE METZ SMITH, Associate Professor of Botany, Department of Botany and Division of General Studies, beginning September 1, 1960, at an annual salary of \$8,000 (B).
23. HENRY SPIES, Editor in the Small Homes Council-Building Research Council, with rank of Assistant Professor, beginning September 12, 1960, at an annual salary of \$8,600 (BY).

24. KURT STERN, Professor of Pathology, College of Medicine, and Pathologist in the Research and Educational Hospitals, beginning October 1, 1960, at an annual salary of \$18,000 (AY).
25. STEPHEN JEN-YAO TANG, Associate Professor of Architecture, beginning September 1, 1960, at an annual salary of \$11,000 (D).
26. PAUL ULANOWSKY, Professor of Music, beginning September 1, 1960, on one-half time, at an annual salary of \$6,800 (A50).
27. RAYMOND JOHN ZIEGLER, Associate Professor of Management, beginning September 1, 1960, at an annual salary of \$10,000 (D).

#### Appointments to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to supervisory positions of upper level responsibility.

1. MRS. MILDRED E. GOFF, Duplicating Service Supervisor, beginning July 5, 1960, at an annual salary of \$5,220.
2. JOSEPH A. GARZA, Accountant II, Business Office, beginning July 1, 1960, at an annual salary of \$6,540.
3. AUDREY C. HUCK, Assistant Food Production Manager, Illini Union, beginning July 1, 1960, at an annual salary of \$4,500.
4. WILLIAM H. LAWYER, Junior Mechanical Engineer, Physical Plant Department, beginning July 1, 1960, at an annual salary of \$6,600.
5. HELEN V. MEYERS, Food Service Supervisor, Illini Union, beginning July 7, 1960, at an annual salary of \$3,863.
6. PHOEBE G. PRESTISS, Principal Laboratory Technologist, Department of Physiology, Chicago Professional Colleges, beginning June 27, 1960, at an annual salary of \$9,000.

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

#### APPOINTMENT OF ASSOCIATE DIRECTOR OF THE EXTENSION SERVICE IN AGRICULTURE AND HOME ECONOMICS

(3) On recommendation of the Dean of the College of Agriculture and Director of the Extension Service in Agriculture and Home Economics, and with the concurrence of the Vice-President and Provost and the President of the University, the Executive Committee of the Board approved the appointment of Dr. John B. Claar, formerly Farm Representative for the Administrator of the Federal Extension Service in the United States Department of Agriculture, as Associate Director of the Extension Service in Agriculture and Home Economics, with the rank of Professor, for one year beginning September 1, 1960, at a salary of \$16,000 (on "Y" basis). Reappointment will be on the standard biennial tenure for administrative officers. This appointment is to replace Professor William G. Kammlade as Associate Director of the Extension Service in Agriculture and Home Economics and State Leader of Farm Advisers, who retired September 1, 1960.

It was not feasible to secure all clearances and commitments necessary to present the recommendation to the Board of Trustees at its July meeting. Since it was important to fill the position beginning September 1, the recommendation was submitted to the Executive Committee for approval, and was simultaneously reported to the other members of the Board.

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

#### APPOINTMENTS TO THE UNIVERSITY OF ILLINOIS CITIZENS COMMITTEE

(4) I submit the following nominations for additional appointments to the University of Illinois Citizens Committee for the period ending December 31, 1962.

JAMES W. BARR  
Attorney  
416 Rialto Square Building  
Joliet, Illinois  
ROLAND J. DEMARCO  
Attorney  
316 North Market Street  
Mount Carmel, Illinois

ROBERT A. EAGLE  
Attorney  
Rock Island Bank and Trust Building  
Rock Island, Illinois  
JAMES F. MAYNARD  
Attorney  
Rockford Trust Building  
Rockford, Illinois

DEESTIN L. PASLEY  
Attorney  
DeKalb Trust and Savings Bank  
DeKalb, Illinois

JOHN H. PEASLEY  
Farmer  
Stronghurst, Illinois

DAVID F. ROOF  
Attorney  
201½ Liberty Street  
Morris, Illinois

ROBERT E. SHAW  
Co-Publisher and General Manager  
The Dixon Evening Telegraph  
Dixon, Illinois

WENDELL B. TRENCHARD  
Bank President and Grain and Live-  
stock Farmer  
Deland, Illinois

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

#### NAMING OF RESIDENCE HALLS

(5) The President of the University has recommended to the Committee on Buildings and Grounds the following names for the three units of the new Peabody Drive Residence Halls and the Committee concurs.

*Scott House*—for Franklin William Scott. An alumnus of the University of Illinois, Class of 1901, Mr. Scott also received the degrees of Master of Arts in 1903 and Doctor of Philosophy in 1912, from the University of Illinois. As an undergraduate he was in numerous extracurricular activities, especially student publications. With the exception of a year spent in graduate study at Harvard University, he was a member of the faculty of the University of Illinois as Instructor in Rhetoric and Assistant Professor and Professor of English, continuously from 1901 to 1925 when he resigned to become editor-in-chief of D. C. Heath and Co. He was Secretary of the Department of English for many years and at various times served as Chairman. He organized the first courses in journalism which were then taught in the Department of English and directed these courses from 1905 to 1918 and from 1921 to 1925. He organized and was Chairman of the Board of the Illini Publishing Company for many years.

*Snyder House*—for Edward Snyder. Professor Snyder was a member of the faculty from the time the University opened in 1868 until he retired in 1896. His continuing position on the faculty was Professor of German and Literature, but at various times he also served as Professor of Modern Languages, as Dean of the College of Literature, as Secretary of the Board of Trustees, and as Business Agent for the University. He was the first Commandant of the Military Department, having been commissioned as a Colonel in the Illinois National Guard, from 1870 to 1880. (He also served for three years with a New York regiment in the War Between the States.) Following his retirement, he gave the University \$12,000 to establish the first student loan fund, which, of course, is still in operation.

*Weston House*—for Nathan Austin Weston. Dr. Weston graduated from the University of Illinois in 1889 and was a member of the faculty for many years. He served as Instructor in the University Academy for four years, while doing graduate work at Illinois and at Cornell University. He was on the faculty as Instructor, Assistant Professor, and Professor of Economics from 1900 until his death in 1933. He was the first Dean (Acting Dean) of the College of Commerce and Business Administration, serving in this capacity from 1915 to 1919.

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

#### POLICY ON THE USE OF TELEVISION FOR INSTRUCTION

(6) Television facilities increase the capacity of the University of Illinois to serve both its resident students and the citizens of the state. In order that the use of this medium may conform to sound educational practice, the following standards have been recommended by the Urbana-Champaign Senate, with the concurrence of the other two Senates:

When the sole question is one of employing television techniques in a resident course for regularly enrolled students, the college in which the course is offered shall retain a full measure of autonomy, including control over the question of attendance.

When television is used for other than resident students, and credit is being given:

- a. The course must be one which is offered in residence.
- b. The course must be prepared and presented by the appropriate resident department.
- c. Credits earned in such courses can not be counted as resident credits. Candidates for certain degrees may, however, in accordance with the present practice respecting extramural courses, apply up to sixty undergraduate semester hours toward the baccalaureate degree or four units toward the master's degree for credits earned in the television and other extramural programs, provided all other University requirements have been met and necessary approval is secured for courses pursued from the college or school in which the degree is to be taken.
- d. Admission and registration will be in accordance with appropriate University regulations.

When television is used for other than resident students, and credit is not being given, admission and registration will be in accordance with appropriate University regulations, such as those of the Division of University Extension for extramural classes.

This policy is to be effective September 1, 1960, but shall be reviewed annually by the Educational Policy Committee of the Urbana-Champaign Senate.

I recommend approval of this policy.

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

#### DISCONTINUANCE OF MOUNT MORRIS EXPERIMENT FIELD

(7) The Dean of the College of Agriculture and Director of the Agricultural Experiment Station recommends that the Mount Morris Experiment Field be discontinued. This field of approximately twenty acres has been in use since 1910, and the Department of Agronomy feels that it has secured all the information it can from the field. The soil is similar to a nearby field in Lee County, which will be continued. Also, a new 160-acre research center has been established in the northern part of the state at the former Joliet Arsenal, which was obtained as surplus property from the federal government, and the time, effort, and money now expended at Mount Morris can more profitably be used at the new research center.

The legal description of the field is as follows:

Part of the North  $\frac{1}{2}$  of the Northwest  $\frac{1}{4}$  of Section 35, in Township 24 North, Range 9 East of the 4th P.M., described as follows: Commencing at a point on the North line of said Section,  $12\frac{1}{2}$  chains West of the Northeast corner of the Northwest  $\frac{1}{4}$  of said Section and running thence West on the Section line 15 chains, thence South  $13\frac{1}{3}$  chains, thence East parallel to the Section line 15 chains, thence North  $13\frac{1}{3}$  chains to the place of beginning, containing 20 acres, more or less in Ogle County, Illinois.

The land was given to the University and the deed conveying the property contains the following statement:

It is hereby agreed and understood that this land is deeded to the University to be used as a state experimental station. And it is further understood and agreed if the use of this tract of land for the purpose stated should be discontinued for the term of two years the University of Illinois shall deed the North half of said land to the Village of Mount Morris, Illinois, and the South half of said tract to Mount Morris College Co. This deed is accepted upon these conditions and terms.

The village of Mount Morris, Illinois, has requested that the University deed the north half of the field to it and has indicated that it will accept a quit claim deed to the property.

Mount Morris College is no longer in existence, and the Legal Counsel has not yet been able to determine whether "Mt. Morris College Co." or any successor to it has any rights in the property. A recommendation concerning the disposition of the south half of the field will be submitted at a later date.

The Vice-President and Comptroller and the Legal Counsel join in these recommendations and in the adoption of the following resolution, and I concur.

### Resolution

*Be it, and it hereby is, resolved* by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, with its principal office in the City of Urbana, County of Champaign, and State of Illinois, that the Comptroller and Secretary of this Board of Trustees be, and they hereby are, authorized and directed to execute, acknowledge, and deliver in the name of and in behalf of this Corporation and under its Corporate Seal a Quit-Claim Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey and quit claim to Village of Mount Morris, a municipal corporation of the County of Ogle in the State of Illinois, title to the North one-half of the following-described real estate:

A part of the North Half of the Northwest Quarter (NW ¼) of Section Thirty-five (35) in Township Twenty-four (24) North, Range Nine (9) East of the Fourth Principal Meridian, described as follows: Commencing at a point on the North line of said Section, twelve and one-half (12½) chains West of the Northeast corner of the Northwest Quarter (NW ¼) of said Section and running thence West on the Section line fifteen (15) chains, thence South thirteen and one-third (13⅓) chains, thence East parallel to the Section line fifteen (15) chains, thence North thirteen and one-third (13⅓) chains to place of beginning, situated in the County of Ogle, in the State of Illinois.

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

### REPORT BY DEAN C. W. SANFORD

(8) At this point President Henry presented Dr. C. W. Sanford, Dean of Admissions and Records, who reported on the enrollments for the first semester of 1960-61 compared with the enrollments at the beginning of the first semester of 1959-60. Copies of his report were distributed at the meeting, and a copy was filed with the Secretary for record.

### EMPLOYMENT OF ARCHITECTURAL AND ENGINEERING FIRMS

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend employment of the following architectural and engineering firms on new building projects for which state appropriations are being requested for 1961-63 and subsequent biennia for the services and at the fees stated:

College of Commerce and Business Administration Building—Jameson and Harrison, Peoria

Complete architectural services at a fee of 6 per cent of the construction contracts.

Electrical Engineering Building addition—Graham, Anderson, Probst, and White, Inc., Chicago

Complete architectural services at a fee of 6 per cent of the construction contracts.

Medical Sciences Building addition—

Shaw, Metz, and Associates, Chicago

Richardson, Severns, Scheeler, and Associates, Champaign, Associate Architects

The development phase, preliminary work and definitive drawings, will be the responsibility of Richardson, Severns, Scheeler, and Associates, who will coordinate their work with that of Shaw, Metz, and Associates. The production and construction phases, working drawings, and supervision will be the responsibility of Shaw, Metz, and Associates. Total fees will be on the basis of 6 per cent of construction contracts.

Research and Educational Hospitals addition—Fugard, Burt, Wilkinson, and Orth, Chicago

Complete services at a fee of 6 per cent of the construction contracts.

This will be a fourteen-story addition to the Research and Educational Hos-



pitals connected with the present Hospitals addition and with the proposed Medical Sciences addition. The project will include remodeling and rehabilitation of areas in the present Research and Educational Hospitals. Since this second addition is not in the 1961-63 building program, the architectural work during the balance of the 1959-60 biennium will be limited to certain minor studies necessary to permit work on the adjoining Medical Sciences addition to house the basic science departments of the College of Medicine with its hospital oriented departments.

**Residence Halls for Graduate Students (Third Phase, SG-3)**

Mielke and Smith, Chicago

Richardson, Severns, Scheeler, and Associates, Champaign, Associate Architects

At a fee not to exceed 6 per cent of the construction contracts less payments made to date to Richardson, Severns, Scheeler, and Associates for preliminary work.

**Residence Halls for Graduate Men (Fourth Phase, SM-4) — Mittelbush and Tourtelot, Chicago**

For continuing architectural services beyond the design stage; this firm to be employed under a contract with Richardson, Severns, Scheeler, and Associates at a total fee not to exceed 6 per cent of the cost of construction contracts less payments made to date for preliminary work.

**Physical Plant Department Service Building — A. Epstein & Sons, Chicago**

Complete services at a fee of 6 per cent of the construction contracts.

In each case the standard professional fees are subject to adjustment downward for such factors as payments made for any preliminary work or for duplication of buildings as in the case of residence halls.

The foregoing recommendations are presented with my concurrence and that of the Committee on Buildings and Grounds which has also considered them.

On motion of Mrs. Watkins, these recommendations were approved; Mr. Herrick voted "no."

**APPROPRIATION FOR EXTENSION OF STEAM TUNNEL**

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend an assignment of \$40,000 from General Indirect Costs funds to construct an extension of the Goodwin Avenue steam tunnel from the south side to the north side of Green Street. This steam tunnel will have to be extended further to the proposed site of the Materials Research Laboratory north of the "Bone-yard" and east of Goodwin Avenue. The first part of the construction should be done before Green Street is repaved next spring; otherwise, it would be necessary to tear up new pavement.

This work will also require an increase, estimated at \$3,100, in a contract with Sargent and Lundy for engineering services in designing utilities extensions authorized by the Board, February 19, 1959.

I concur and recommend that the Comptroller be authorized to execute this change in the contract with Sargent and Lundy.

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

**FEDERAL GRANT AND MATCHING FUNDS FOR BIOACOUSTICS LABORATORY**

(11) On April 17, 1958, the Board approved acceptance of a federal grant of \$139,173 from the National Institutes of Health for the construction of a bioacoustics laboratory and appropriated from the General Reserve the matching funds required by law. The University has now received a supplemental grant of \$74,425 to complete this project.

The Vice-President and Provost and the Vice-President and Comptroller recommend that this supplemental grant be accepted and that an appropriation of \$74,425 be made from the General Reserve for the required matching funds.

I concur.

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

#### REAPPROPRIATION OF UNEXPENDED BALANCES

(12) The Vice-President and Comptroller recommends that the following balances and overdrafts in budget appropriations and balances in appropriations for special services and projects not completed on June 30, 1960, be reappropriated for the fiscal year beginning July 1, 1960, in accordance with usual policy.

I concur.

#### *Urbana-Champaign*

General administration and expense.....	\$61 480		
Microfilming records.....	\$ 5 903		
Special legal services.....	14 056		
Health Service chest X-rays.....	492		
Health Service first aid kits.....	794	21 245	\$ 82 725
Agriculture.....			31 755
Commerce.....			13 116
Education.....			3 905
Engineering.....			21 445
Fine and Applied Arts.....			30 523
Graduate College.....			18 407
Journalism and Communications.....			8 320
Law.....			38
Liberal Arts and Sciences.....	19 390 <sup>1</sup>		
Burrill Hall dedication.....	467		
Physiology relocation, Burrill Hall.....	3 413	3 880	15 510 <sup>1</sup>
Physical Education.....			2 387 <sup>1</sup>
University Extension.....			38 638
Veterinary Medicine.....			9 212
Other schools and colleges.....			8 959
Library and Graduate School of Library Science.....	1 617		
Russian and Slavic materials.....	718		2 335
Physical Plant			
Regular operation and maintenance.....	108 127		
Renewals and replacements.....	90 289		
Junior Academy of Science conference.....	245 <sup>1</sup>		198 171
Unexpended plant			
605 East Daniel Street, purchase.....	1 000		
Volo and Wauconda bogs, purchase.....	157		
Radio telescope, site improvements.....	10 677		
Accounting, special equipment.....	1 285		
Admissions and Records, special equipment.....	21 483		
English Building, air conditioning.....	464		
Dixon Springs, staff houses.....	14 068		
805 West Pennsylvania Avenue, remodeling.....	4 295		
Physics, temporary building.....	27 869		
Agriculture administration, special equipment.....	15 626		
Truck, purchase.....	936		
Commerce and Business Administration, equipment and remodeling.....	1 545		
Business Education, special equipment.....	2 935		
Dean of Men's Office, air conditioning.....	3 100		
Arcade Building and Illini Hall, remodeling.....	41 580		
Armory, storeroom improvements.....	806		
235 Illini Hall, air conditioning.....	1 558		
Agricultural Engineering Building, classroom.....	1 906		
Agronomy Field Laboratory, remodeling.....	3 000		
Agronomy Storehouse, remodeling.....	2 600		
Davenport Hall, remodeling.....	14 758		
Horticulture Field Laboratory, remodeling.....	2 500		

Horticulture Field Laboratory, boilers.....	6 503
Poultry Service Building, painting.....	4 400
David Kinley Hall, remodeling.....	3 608
Physics Building, remodeling.....	1 191
Physics Research Laboratory, addition.....	7 819 <sup>1</sup>
Transportation Building, remodeling.....	1 406
Woodshop, remodeling.....	3 229
Architecture Building, improvements.....	21 198
Altgeld Hall, remodeling.....	14 669
English Building, remodeling.....	9 710
Harker Hall, remodeling.....	668 <sup>1</sup>
Lincoln Hall, remodeling.....	31 327
Natural History Building, remodeling.....	4 328
Noyes Laboratory, remodeling.....	21 <sup>1</sup>
Noyes Laboratory, remodeling basement and third floor..	75 416
1205 West California Avenue, remodeling attic.....	205
1205 West Oregon Street, remodeling.....	782
Milling machine.....	15 000
Electrical Engineering, special equipment.....	15 728
Observatory, remodeling.....	556
Sixth Street Building, remodeling.....	4 430
1207 West Stoughton Street, remodeling.....	952
Mining Laboratory, improvements.....	315
Mining and Metallurgical Engineering, special equipment..	390
Radioactivity monitoring system.....	3 500
Theoretical and Applied Mechanics, equipment and re- modeling.....	365
Architecture, special equipment.....	11 741
Sixth Street Building, alterations and equipment.....	2 534
Art, special equipment.....	42 609
City Planning and Landscape Architecture, special equip- ment.....	3 019
Krannert Art Museum, special equipment.....	14 036
Graduate College, card-to-tape convertor.....	2 900
Flexowriter.....	75
Truck.....	2 500
Botany, special equipment.....	20 358
East Chemistry Building, remodeling for biochemistry....	11 124
Harker Hall, room 311, remodeling and equipment.....	193
Division of General Studies, special equipment.....	2 234
Geography, stereoplotter.....	10 015
Illi Hall, room 331, improvements.....	303
Zoology, special equipment.....	163
Vivarium Building, remodeling.....	123
Bus, purchase.....	1 230
1208 West California Avenue, retaining wall.....	3 000
Electric power substation.....	9 200
Embarrass River, drainage improvement.....	1 500
Florida Avenue, road improvements.....	7 200
Bicycle lanes.....	26 619
Stadium Drive, recreational area.....	76 165
Library Tennis Courts, resurfacing.....	125
Storm sewer improvements.....	2 500
St. Mary's Road, water main.....	2 016
Veterinary Medicine, special equipment.....	5 593
Art Museum.....	75 052
Mining and Metallurgical Engineering, laboratory re- modeling.....	266
Architectural studies for future buildings.....	92 367
Digital Computer Laboratory.....	577
Electrical Engineering, Bioacoustics Laboratory.....	22 166
805 South Lincoln Avenue, remodeling.....	1 551
Library, lighting improvements.....	1 455
Minor improvements.....	3 597

Nursery relocation.....	514		
Parking facilities.....	2 476		
Remodeling and minor additions, unassigned.....	15 521		
University Press Building.....	764	860	229
<i>Total, Urbana-Champaign.....</i>		(1 309 881)	
<i>Chicago Professional Colleges</i>			
General administration and expense.....	15 947		
Estimates and alterations.....	1 040		
Business office manual.....	500	1 540	17 487
Medicine.....			35 216
Dentistry.....			2 547 <sup>1</sup>
Pharmacy.....			1 966
Graduate College.....			36 161
College of Nursing.....			1 033
Broadcasting.....			573
Division of Services for Crippled Children.....			99
Physical Education.....			635
Aeromedical Laboratory.....			1 578 <sup>1</sup>
Research and Educational Hospitals.....			71 160
Library.....			4 009 <sup>1</sup>
<i>Physical Plant</i>			
Regular operation and maintenance.....	43 147		
Renewals and replacements.....	45 000		
Medical Center Steam Plant.....	60 496	148 643	
<i>Unexpended plant</i>			
Nonacademic Personnel, equipment.....	950		
Admissions and Records, equipment.....	790		
Physiology and Pharmacology, equipment.....	25 100		
Anatomy, microscopes.....	2 320		
Dentistry, X-ray machines.....	2 407		
Pharmacy, equipment.....	6 098		
Physiology and Pharmacology, equipment.....	979		
Radiology, equipment.....	48 840		
Radiology and Anesthesiology, equipment.....	2 961		
Architectural studies for future buildings.....	18 768		
Room 409-A, pharmacology, remodeling.....	1 875		
Anatomy, semipermanent remodeling.....	978		
Electrical service improvements.....	1 449		
Physiology, fume hood installation.....	18 718		
Union Building, establishment of snack kitchen.....	2 320		
Room 219-W, remodeling.....	740		
Band Room, rehabilitation.....	2 000		
Medical Research Laboratory, installation of vacuum bottle units.....	750		
Room 219-W, remodeling and modernizing.....	185		
Ophthalmology, remodeling.....	30 000		
Pharmacy, classroom conversion.....	10 000		
Minor estimating.....	21 <sup>1</sup>		
Medical Research Laboratory, remodeling.....	10 000		
Dental Clinics, remodeling.....	16 500		
Rooms 907 and 908, installation of lines.....	475		
Room 314, installation of 200-volt outlet.....	500		
Research and Educational Hospitals, security screens, installation.....	285		
Room 404, installation of barriers.....	500		
Water still, installation.....	243		
Control device on microphone, installation.....	200		
Room 104-A, installation of partitions.....	460		
X-ray viewer box, installation.....	325		
Room 209, alterations.....	273		
Room 563, remove sink and repair floor.....	320		
Room 219, installation of chalk board.....	485		
Rooms 686, 971, and 1065, installation of brackets.....	450		

Rooms 306, 320, and 550, remodeling.....	350		
Room 806, lighting improvement.....	500		
Hospital, third floor, lighting improvement.....	500		
Room 336, installation of ice machine.....	300		
Room 809-N, lighting improvement.....	450		
Room 809-S, lighting improvement.....	700		
Rooms 404, 423, 504, and 523, lighting.....	1 100		
Room 220, outlet installation.....	165		
Sound-proof broadcasting room.....	480		
Neuropsychiatric Institute, room 4-S, lighting improvement.....	460		
Room 562, installation of sink.....	250		
Transformer for therapy.....	480		
Room 534, fluorescent lighting.....	475		
Building 911, partition corridor.....	225		
Physiology, installation of chalk boards.....	340		
Union Building, sound system.....	1 276	217	274
<i>Total, Chicago Professional Colleges.....</i>		(522	113)
<i>Chicago Undergraduate Division</i>			
General administration and expense.....	1 468		
Radioisotope Laboratory.....	3 198		
Auditorium, expense.....	865		
Summer television.....	2 321 <sup>1</sup>	1 542	3 010
Liberal Arts and Sciences.....			1 695
Engineering.....			1 505 <sup>1</sup>
Graduate College.....			2 188
Commerce and Business Administration.....			271 <sup>1</sup>
Physical Education.....			227 <sup>1</sup>
Armed Forces.....			573
Library.....			98
<i>Physical Plant</i>			
Regular operation and maintenance.....	7 643		
Renewals and replacements.....	2 514		
Building rentals and insurance.....	3 007	13 164	
<i>Unexpended plant</i>			
Admissions and Records, special equipment.....	1 363		
Room 350, remodeling.....	94		
Lecture room, remodeling.....	13 000		
Engineering, remodeling.....	2 073		
Biological Laboratory, remodeling.....	5 900	22 430	
<i>Total, Chicago Undergraduate Division.....</i>		(41	155)
<i>Grand Total.....</i>		\$1 873	149

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

#### APPROPRIATION FOR MICROSCOPES

(13) The Vice-President and Provost and the Vice-President and Comptroller recommend an appropriation of \$5,900 for the purchase of thirty microscopes to be added to the microscope rental pool of the Chicago Professional Colleges.

I concur.

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

#### LEASE OF BUILDING FROM CHICAGO BOARD OF EDUCATION

(14) Representatives of the University have been negotiating for the acquisition by the University of an eight-story warehouse at 815-41 South Damen Avenue in

<sup>1</sup> Deduct.

the Medical Center District owned by the Board of Education of the city of Chicago. The Board of Education is interested in disposing of this building, and the University could use it as a Physical Plant Department service building. Agreement on a price has not been reached; and moreover neither the University nor the Medical Center Commission has funds at present for the purchase.

The Board of Education is willing to lease the warehouse to the University at a rental of \$6,000 a year with provision in the lease that the rental paid shall apply on the purchase price of the property if it is eventually purchased by the University or the Medical Center Commission. In the meantime, while negotiations as to the purchase price and terms are being conducted, and until funds for the purchase are available, it would be an advantage to the University to have the use of the building for general storage and certain Physical Plant shop operations.

Funds are available in the Physical Plant operating budget for payment of the rental.

The Director of the Physical Plant, the Acting Vice-President in charge of the Chicago Professional Colleges, and the Vice-President and Comptroller recommend, and I concur, that the Board authorize negotiation and execution of a lease with the Board of Education for this warehouse at an annual rental of \$6,000 with the provision in the lease that the rentals paid shall apply on the purchase price of the property.

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

#### **CONTRACT FOR INSTALLATION OF ELECTROSTATIC AIR FILTERS FOR LAUNDRY BUILDING, CHICAGO PROFESSIONAL COLLEGES**

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$8,745 to the Moto Ventilating Company, Chicago, the lowest bidder, for installation of electrostatic air filters in the new Chicago Professional Colleges Laundry Building at 925 South Damen Avenue, Chicago.

These filters will increase the cleanliness of the air, will reduce the labor of cleaning surfaces, and will improve the quality of the work processed. The Laundry was designed to include this installation, but bids on the filters were not taken until it could be determined that sufficient funds are available in the construction budget for the Laundry Building.

I concur.

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

#### **CONTRACTS FOR LABORATORY EQUIPMENT AT CHICAGO PROFESSIONAL COLLEGES**

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for furnishing and installing laboratory furniture and equipment, the award in each case being to the lowest bidder:

Walrus Manufacturing Company, Decatur.....	\$2 712 55
For manufacture and installation of laboratory furniture for a new laboratory in room 409 of the first unit of the Dentistry-Medicine-Pharmacy Building.	
J. J. Lane Equipment Company, Chicago.....	4 279 15
Furnishing and installing laboratory furniture in nine rooms of the Research and Educational Hospitals which are being remodeled for the Ophthalmology Clinic.	
J. J. Lane Equipment Company, Chicago.....	3 331 30
Furnishing and installing laboratory furniture in four rooms in the second unit of the Dentistry-Medicine-Pharmacy Building which are being remodeled for the Dental Clinics.	

Funds are available for all these contracts.

I concur.

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

#### CONTRACT FOR ROOF REPAIR AT CHICAGO PROFESSIONAL COLLEGES

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$3,125 to the Pine Building Maintenance Company, Chicago, Illinois, for repair of the Betatron roof at the Chicago Professional Colleges. The work will consist of furnishing and installing a waterproof membrane and traffic course on the concrete slab covering the Betatron area. There has been difficulty with water seepage through this concrete slab, and all conventional means of repair have been unsuccessful. The repair process is recommended by the Tremco Manufacturing Company, manufacturer of the products to be used, and the installation will be under its supervision.

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

I concur.

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

#### CONTRACTS FOR CONSTRUCTION OF ZOONOSIS LABORATORY BUILDING AND EXTENSION OF UTILITIES TO THE BUILDING

(18) On recommendation of the Director of the Physical Plant and the Vice-President and Comptroller, with the concurrence of the Vice-President and Provost acting for the President, the Executive Committee of the Board approved awards of contracts as follows for the construction of a Zoonosis Laboratory for the College of Veterinary Medicine, and for extension of utilities to the building, the award in each case being to the lowest bidder:

##### *Zoonosis Laboratory*

General—English Brothers Company, Champaign.....	\$116 600
(Base bid of \$136,600, less deductive alternate of \$20,000 for substitution of "Liquid Tile" surfacing material for glazed tile.)	
Electrical—Neal Morton Electric, Champaign.....	15 803
Plumbing—David W. Reichard Plumbing and Heating, Urbana.....	25 600
Heating—Reliable Plumbing and Heating Company, Champaign.....	42 888
Ventilating—Moutefusco Heating and Sheet Metal Company, Peoria....	15 422

##### *Extension of Utilities*

Water Main Extension—Cross Construction Company, Urbana.....	\$ 3 448
Extension of Electric Service—Square Deal Electrical Contracting, Inc., LaPorte, Indiana.....	12 866
Piping System for Extension of Steam Service—Ideal Heating Company, Chicago .....	22 777

Funds are available in a grant from the National Institutes of Health and matching funds in the state capital appropriations to the University for 1959-61.

Confirmation of this action is requested.

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

#### CONTRACT FOR CONSTRUCTION OF COOLING TOWER FOR POWER PLANT ADDITION

(19) On recommendation of the Director of the Physical Plant and the Vice-President and Comptroller, and with the concurrence of the Vice-President and

Provost acting for the President, the Executive Committee of the Board approved the award of a contract for \$41,444 to the Ideal Heating Company, Chicago, the lowest bidder, for piping and miscellaneous work in the construction of a cooling tower for an addition to the Abbott Power Plant. Funds are available in the state capital appropriations for 1959-61.

Confirmation of this action is requested.

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

#### CONTRACTS FOR DIVERSION AND EXTENSION OF UTILITIES TO SERVICE ILLINI UNION BUILDING ADDITION

(20) On recommendation of the Director of the Physical Plant and the Vice-President and Comptroller, and with the concurrence of the President of the University, the Executive Committee has authorized awards of contracts for the diversion and extension of steam lines, electrical lines, sanitary sewers, and water mains to service the Illini Union Building addition, and other buildings, as follows, the award in each case being to the lowest bidder:

Construction of Underground Steam Tunnel (Division "JJ") — Parro Construction Corporation, Urbana		
Base bid .....	\$129 500	
Additive alternate .....	39 500	\$169 000
Plumbing for Underground Steam Tunnel (Division "KK") — Bellis and Miller, Inc., Champaign		
Base bid .....	\$ 14 994	
Additive alternate .....	2 583	17 577
Piping System (Division "HH") — Robert Gordon, Inc., Chicago		
Base bid .....	\$ 73 778	
Additive alternate .....	13 561	87 339
Thermal Insulation for Piping in Underground Steam Tunnel (Division "II") — Midwest Insulation Company, Metropolis		
Base bid .....	\$ 9 997	
Additive alternate .....	2 762	12 759
Electrical Work for Construction of Underground Steam Tunnel and Extension of Electric Conduits, including cable (Division "CC") — Harrison F. Blades, Inc., Decatur		
Base bid .....	\$ 50 357	
Additive alternate .....	1 398	51 755
The additive alternate in each case provides for the extension of the underground steam tunnel from the Administration Building junction west to Wright Street for future connection to the Wright Street tunnel.		
Construction of Sanitary Sewers — Cross Construction Company, Urbana		
Base bid .....	\$ 45 900	
Deductive alternate .....	500	45 400
The deductive alternate is for the omission of a drop manhole.		
Construction of Water Mains — Cross Construction Company, Urbana		
Base bid .....	14 490	
Total .....	\$398 320	

Attached is a report from the Physical Plant Department on this project including schedules of all bids received.

The cost of this construction is within the presently estimated total cost of \$480,000 for this project, of which \$80,000 will be provided from state capital appropriations. The balance of \$400,000 will be temporarily financed from Illini Union reserves and housing operation surpluses and ultimately will be charged to the cost of construction of the Illini Union addition, and the advances of funds will be repaid from the proceeds of the bond issue to finance the Illini Union addition.



Completion of construction of the utilities diversion and extension will control the start of the Illini Union addition, and to save time during the period of good construction weather, it was desirable to have these contracts authorized as soon as possible.

Confirmation of this action is requested, and I also recommend that the Board authorize the assignments of funds indicated above.

On motion of Mr. Swain, the action of the Committee awarding the contracts was confirmed, and the assignments of funds recommended was approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

#### **"EXCESS FACILITIES" AGREEMENT WITH COMMONWEALTH EDISON COMPANY**

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an "excess facilities" agreement with the Commonwealth Edison Company, Chicago, at a cost of \$18,316, for electrical work being done at the Chicago Professional Colleges.

Contractors have started construction on a vault for 12,000-volt electrical service for the Dentistry-Medicine-Pharmacy Buildings and a portion of the Research and Educational Hospitals to replace the present overloaded and obsolete 4,000-volt vault now serving these buildings. A part of the work involved in this project is the bringing in of 12,000-volt electrical service from Edison Company's Hermitage Avenue substation. In addition, the Commonwealth Edison Company will furnish and set their transformers in the University vault and will do all bus and cable work in the Edison side of the vault. The Company will also be responsible for the installation of the 12,000-volt cables and conduit on University property in connection with providing the 12,000-volt service to the new vault.

The work to be done by the Edison Company is termed "excess facilities," and allows for reduction in the monthly billing for electrical services. This method of installation of Edison services for the Chicago Professional Colleges is in accordance with the "Report on Electrical Distribution System, Chicago Professional Campus" dated May 3, 1950, and follows the plan authorized by the Board of Trustees on July 25, 1950.

Provision for this work has been included in the construction budget for the 12,000-volt vault.

I concur.

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

#### **AMENDMENT OF CONTRACT FOR STEAM SERVICE TO CHICAGO FOUNDLINGS HOME**

(22) The Medical Center Steam Company supplies steam to the Chicago Foundlings Home in the Medical Center District under a contract approved by the Board of Trustees on July 29, 1959.

The contract now calls for the maximum steam demand of 4,000 pounds an hour. Experience during the 1959-60 heating season indicates that the maximum amount of steam required by the Foundlings Home is not likely to exceed 2,000 pounds an hour and the latter has requested that the contract be amended accordingly. It is to the University's advantage to have steam contracts such as this based on a realistic maximum demand, and is also advantageous to the consumer, since payments made are based upon calculations involving the maximum demand.

The Director of the Physical Plant, the Vice-President and Comptroller, and the Acting Vice-President in charge of the Chicago Professional Colleges recommend amendment of the contract to reduce the maximum steam demand from 4,000 pounds an hour to 2,000 pounds an hour.

I concur.

On motion of Mrs. Watkins, this amendment of the contract was authorized.

**FORD FOUNDATION GRANT FOR DEVELOPMENT OF A TRAINING PROGRAM FOR SERVICE TO ILLINOIS COMMUNITIES**

(23) The Ford Foundation has approved a grant of \$125,000 to the University of Illinois for a project to help define the University's role in meeting urban problems and to develop a training program for service to Illinois' rapidly urbanizing communities. Under the project, three specific activities will be undertaken: (1) examination of new ways in which the University might serve the state's urban areas; (2) training of a small corps of "urban generalists" competent in a variety of fields that touch on urban life; and (3) direct University assistance to several selected Illinois communities, each of which will have a staff member assigned to the study of its problems. The staff for this project will be chosen from a variety of disciplines and will represent the University's principal research institutes and divisions.

The grant has been accepted with an appropriate expression of appreciation on behalf of the Board of Trustees and other University officials and is being reported for official record.

There has been established in the Office of the Provost the Office of Community Development to administer the program of urban development to be financed by this grant. Professor L. B. Wetmore, Head of the Department of City Planning and Landscape Architecture, will serve as Acting Director of the Office of Community Development for the academic year 1960-61.<sup>1</sup> The principal task of this office during the year will be the selection of a permanent director, planning the program to be conducted during the biennium of 1961-63, and developing recommendations for the organizational relationships between the Office of Community Development and other University agencies.

On motion of Mr. Swain, this report was received for record, and the action taken was confirmed.

**SALE OF SECURITIES**

(24) Adoption of the following resolution authorizing the sale of securities representing investments of University trust funds is requested with the concurrence of the Finance Committee:

WHEREAS, The Board of Trustees of the University of Illinois is the owner of the following stocks:

- 340 shares Allis-Chalmers common stock
- 18 American Smelting and Refining 7 per cent preferred
- 22 American Tobacco 6 per cent preferred
- 300 Kimberly Clark common
- 100 Minneapolis-Honeywell common
- 600 Southern Natural Gas common
- 4 Standard Oil Company of New Jersey common
- 15 United States Steel 7 per cent preferred, and

WHEREAS, the Finance Committee of said Board has determined that it is advantageous to sell the above listed securities.

*Now, Therefore, Be It Resolved* by The Board of Trustees of the University of Illinois that these securities be sold and that H. O. Farber, Comptroller, and A. J. Janata, Secretary, be authorized to execute all documents necessary to complete such sale.

On motion of Mr. Swain, the foregoing resolution was adopted.

**PURCHASES****Purchases Authorized**

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

<sup>1</sup> Other members of the Executive Committee for the Office will be: Associate Director J. B. Claar of the Extension Service in Agriculture and Home Economics; Dean Stanley C. Robinson of the Division of University Extension; Director R. G. Seymour of the Executive Development Center; and Director G. Y. Steiner of the Institute of Government and Public Affairs.

## Urbana-Champaign Departments

Item	Department	Vendor	Cost
5,750 diploma covers	Admissions and Records	W. M. Welch Manufacturing Co., Chicago	\$9 027 50 f.o.b. delivered
20.96 tons diammonium phosphate	Agricultural Economics	Tennessee Valley Authority, Knoxville, Tenn.	3 677 29 f.o.b. Sheffield, Ala.
25.50 tons ammonium nitrate			
2.12 tons superphosphate			
Furnish and spread approximately 20,000 gal. No. 3 road oil at Robert Allerton Park, Monticello	Extension Service in Agriculture and Home Economics, Robert Allerton Park	The Earl Walker Co., Inc., Sullivan	2 600 00 f.o.b. job site
1,000,000 No. 9 printed envelopes	Extension Service in Agriculture and Home Economics	The Wolf Envelope Co., Cleveland, Ohio	2 850 00 f.o.b. Cleveland, Ohio
Production of approximately 16,000 ft. of film for the University of Illinois Arithmetic Project in accordance with a contract with the National Science Foundation	Arithmetic Project	Educational Services, Inc., Watertown, Mass.	36 225 00
One bakeable residual gas analyzer, with bakeable diatron envelope, magnet, magnet bracket, and d.c. amplifier	Coordinated Science Laboratory	Consolidated Electrodynamics Corp., Chicago	4 150 00 f.o.b. Pasadena, Calif.
One digital computer transistorized, rack mounting, with an internal store of at least 1,800 words no smaller than 20 bits plus sign, 15 microsecond add time and 300 microsecond multiply or divide time, and three additional multiword memory lines	Electrical Engineering	Packard Bell Computer Corp., Los Angeles, Calif.	33 600 00 f.o.b. Los Angeles, Calif.
Repair parts for three Bradford metal master lathes	Electrical Engineering	Bradford Machine Tool Co., Lansing, Mich.	5 322 00 f.o.b. delivered
Laboratory chemicals to be used as stock in General Chemical Stores for fall and winter term of 1960-61	General Chemical Stores	J. T. Baker Chemical Co., Chicago	5 533 89
		Mallinckrodt Chemical Works, St. Louis, Mo.	4 818 07
		Fisher Scientific Co., Chicago	4 416 68
		General Chemical Division, Allied Chemical Corp., Chicago	3 457 15
		Schaar & Co., Chicago	481 00
		Merck & Co., Inc., Rahway, N.J.	378 48
		Arthur S. LaFine & Co., Chicago	273 20
17 videotapes, 60 min. each (4,800 ft.)	Office of Instructional Television	National Educational Television and Radio Center, New York, N.Y.	3 882 97 f.o.b. delivered
90 microscopes, laboratory, 3 achromatic objective, 10X, 43X, 97X (oil), 10X hygienic eyepiece, ungraduated mechanical stage, Abbe condenser, substage illuminator, 220 volt 50 cycle, with wooden cabinet, export packed	International Cooperation Administration	Kern Laboratory Supply Co., Los Angeles, Calif.	11 421 90 f.o.b. Tokyo, Japan
One bell jar vacuum coating assembly including chamber, evaporator, vacuum system, and accessories	Physics	Consolidated Vacuum Corp., Chicago	4 563 50 f.o.b. destination
5,000 reams 8 $\frac{1}{4}$ x 11 20 lb. white No. 4 sulphite mimeograph paper	Office Supply Store	Maginn Office Equipment Co., Champaign	3 730 00 f.o.b. delivered
57 portable bicycle racks, galvanized steel, single face and double face in various lengths from 5 ft. to 20 ft.	Physical Plant Storeroom	Standard Playground Equipment Co., Inc., Anderson, Ind.	3 589 10 f.o.b. delivered
Furnish and install 170 gymnasium basket racks complete with baskets in the west ground floor and first floor locker rooms of the Men's Old Gymnasium	Physical Plant	W. M. Putnam Co., Bloomington	10 174 50 f.o.b. delivered and installed
Two 1960 trucks, cab and chassis only, 24,000 lb. g.v.w., less trade-in allowance for No. 206 and 207, 1953 Ford trucks, cab and chassis only, and vehicle No. 774, a 1946 Ford stake truck	Physical Plant	International Harvester Co., Springfield	7 575 00 f.o.b. Urbana

Item	Department	Vendor	Cost
Two transit type buses with hydraulic lift in front door and other special adaptations for use by wheel chair students	Student Rehabilitation Center	Marmon-Herrington Co., Inc., Indianapolis, Ind.	\$21 300 00 f.o.b. Indianapolis, Ind.

*Chicago Colleges and Divisions*

87 wood textbook shelving units for self-service bookstore	Bookstore, Undergraduate Division	Henry Berry Associates, Inc., Milwaukee, Wis.	4 308 90 delivered
--	-----------------------------------	---	-----------------------

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

**Purchases Recommended**

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

I concur.

*Urbana-Champaign Departments*

Item	Department	Vendor	Cost
25,000 copies <i>Illinois Farm Record Book</i> , Part I, size 8½ in. x 10¾ in., approximately 48 pages, plus cover	Agricultural Economics	Interstate Printers & Publishers, Inc., Danville	\$4 159 95 f.o.b. delivered
Contract services for six months of Shawnee Farm Bureau Farm Management Association (renewal of service authorized by Board on April 20, 1960)	Agricultural Economics	Shawnee Farm Bureau Farm Management Association, Johnston City	2 600 00
One plant environment growth room, 9 ft. x 6 ft. x 8 ft., 3,000 ft. candles of light at 36 in., walk in complete with movable work bench, 220 volt 60 cycle	Agronomy	Labline, Inc., Chicago	4 850 00 f.o.b. delivered
One machine shed, 30 ft. x 90 ft. to be delivered and erected at Elwood, Illinois, Experiment Area	Agronomy	Bryant Aluminum Builders, Inc., Plainfield	4 781 00 f.o.b. delivered and erected
Lounge furniture for Fine and Applied Arts Building	Art	Marshall Field & Co., Chicago	6 009 51 f.o.b. Urbana
44 drafting tables, 66 in. long x 35 in. deep x 35¼ in. high	Art	Backus Bros. Co., Cincinnati, Ohio	5 060 00 f.o.b. Urbana
One kiln, shuttle type, 36 in. x 72 in. x 49 in. inside, 9 in. fire brick insulation, electric to operate on 220 volt, 30 KVA, complete with transformer and recording potentiometer, range to 2300° F	Art	Harrop Ceramic Service Co., Columbus, Ohio	9 690 00 f.o.b. delivered
Print and bind 7,000 copies of <i>Vocational and Technical Education in Illinois</i> , by Professor W. P. McLure	Bureau of Educational Research	George Banta Co., Inc., Menasha, Wis.	3 261 30 f.o.b. delivered
One X-ray diffractometer consisting of X-ray generator and control 60 KVP-50MA current stabilizer, voltage stabilizer, diffraction tube, linear amplifier, circuit panel, special brown recorder, proportional counter attachment, X-ray diffractometer attachment, track and bracket assembly, plus following accessories: vacuum spectrographic attachment, FA-60 tube, wide range goniometer attachment, cabinet, analyzing crystals, scintillation counter attachment, and rotating flat specimen holder	Ceramic Engineering	Philips Electronic Instruments, Chicago	24 015 00 f.o.b. delivered
One spectrophotometer, direct reading 200 to 2500 mμ., built-in microscale, monochromator, lamp housing, power supply, sample changer, with light source mounted on the optical bench, 115 volts 60 cycle, complete with accessories	Chemistry and Chemical Engineering	W. H. Kessel & Co., Chicago	4 199 00 f.o.b. delivered

Item	Department	Vendor	Cost
One Tektronix model 555 dual beam oscilloscope	Chemistry and Chemical Engineering	Tektronix, Inc., Park Ridge	\$3 670 25 f.o.b. Portland, Ore.
Two "L" and one "E" plug-in preamplifiers			
One scopemobile plus fan kit			
One No. 16 power cord			
One DPS2 plate connector			
One viewing hood			
Two terminating resistors			
One No. 181 time mark generator			
One "P" plug-in unit			
One EP53A gain set adapter			
One alignment tool kit			
Accessories for Varian electron spin resonance spectrometer including: liquid nitrogen dewar insert, variable temperature accessories, aqueous solution sample cell, 100 Kc field modulation and control unit multipurpose EPR cavity, waveguide bend, and modification equipment, plus services of Varian service engineer to install modification equipment	Chemistry and Chemical Engineering	Varian Associates, Palo Alto, Calif.	7 622 16 f.o.b. Palo Alto, Calif.
One lot laboratory equipment for use in soil testing	Civil Engineering	Solltest Inc., Chicago	2 672 90 f.o.b. delivered
One three-ton capacity motor driven crane with enclosed gearing	Civil Engineering	Abell-Howe Co., Forest Park	4 080 00 f.o.b. delivered
One three-ton capacity electric hoist			
One high-speed, 10-in., precision tool-room lathe complete with motor, controls, and accessories	Coordinated Science Laboratory	Hardinge Bros., Inc., Chicago	6 713 00 f.o.b. delivered
15 valves, ultra-high vacuum, with 14 O.D. pyrex with two pyrex bellows	Coordinated Science Laboratory	Granville-Phillips Co., Pullman, Wash.	3 938 25 f.o.b. delivered
15 valve bodies, for ultra-high vacuum, with pyrex tubulation			
One 6 in. x 18 in. surface grinder, hydraulic and manual operation complete with motor, controls, magnetic chuck, flood and through-the-wheel cooling, grinding wheel, and wheel-dressing diamond	Coordinated Science Laboratory	DoALL Rockford Co., Rockford	5 732 93 f.o.b. delivered
One rotating 12-in. electromagnet with one pair 3-in. air-gap cylindrical pole caps and one pair each 2-in. air-gap and 1 1/4-in. air-gap elongated 3-in. tapered pole caps	Electrical Engineering	Varian Associates, Palo Alto, Calif.	21 595 00 f.o.b. delivered
One regulated magnet power supply			
One voltage regulator			
One type XVD times-ten frequency multiplier and amplifier	Electrical Engineering	Rohde & Schwarz Sales Co., Inc., Passaic, N.J.	7 919 80 f.o.b. delivered
One type XUA frequency synthesizer, 30 cps to 30 mc frequency range			
One Tektronix model 555 dual-beam oscilloscope	Electrical Engineering	Tektronix, Inc., Park Ridge	4 240 00 f.o.b. Portland, Ore.
One 500/53A scopemobile			
Two "CA" preamplifiers			
One "D" preamplifier			
Two "L" preamplifiers			
One each 123 and 121A preamplifiers			
One klystron tube to operate over a tunable 10 KMc range between limits of 85 KMc and 105 KMc and to have a power output of 50 mw somewhere in the range, and with power output of 40 mw at some frequency over 90 KMc	Electrical Engineering	Raytheon Co., Franklin Park	3 150 00 f.o.b. Waltham, Mass.
One square-wave electromagnetic flow-meter for monitoring blood flow in vessels and tubes	Electrical Engineering	Carolina Medical Electronics, Inc., Winston-Salem, N.C.	4 125 00 f.o.b. delivered
Two electromagnetic probes, extra corporeal type to fit 1/4-in. I.D. tubing			
One each EMP-100 probes lumen circumference 60 mm. and 40 mm.			
Special fuel elements for Triga Mark II reactor to provide for operation as a pulsed research reactor; special high speed control rod and drive mechanism, thermocoupled fuel elements, and special instrumentation	Engineering Experiment Station	General Atomic Division, General Dynamics Corp., San Diego, Calif.	40 000 00 f.o.b. delivered

Item	Department	Vendor	Cost
One gas chromatograph, range to 240° C. (-.01°C), 1/4-in. columns, for large quantity and preparative work	Food Technology	E. H. Sargent & Co., Chicago	\$ 3 927 00 f.o.b. delivered
One recorder, potentiometer, 1 mv., 1 sec. pen with disc integrator			
One spectrophotometer, model DU with flame accessories	General Chemical Stores	E. H. Sargent & Co., Chicago	4 028 00 f.o.b. delivered
One balance, analytical, 200-gm., 1/4-mg. sensitivity, with damper			
One lot assorted laboratory supplies			
One lot laboratory equipment and supplies	General Chemical Stores	Schaar & Co., Chicago	3 651 13 f.o.b. delivered
Collection of 1200 Confederate imprints and 900 Civil War publications	Library	Richard Harwell, Chicago	18 000 00
One centrifuge, refrigerated high speed (17,000 rpm.), large capacity, with two rotors and accessories	Microbiology	Ivan Sorvall, Inc., Norwalk, Conn.	3 031 35 f.o.b. delivered
Construction of circuitry to add paper tape reader and punch unit to specially adapted mnac typing Synrotape typewriter and testing this equipment	Music	Music Print Corp., Boulder, Colo.	3 570 27 f.o.b. delivered
One 12-in. electromagnet with special tapered pole caps, 2 1/2-in. air gap to achieve a field strength of 15,000 gauss, with approximately 90 per cent homogeneity over a 3-in. diameter medical plane area	Mining and Metallurgical Engineering	Varian Associates, Instrument Division, Palo Alto, Calif.	15 340 00 f.o.b. Palo Alto, Calif.
One regulated magnet power supply			
One zone melting apparatus (bench model) and three Vycor tubes, 36 in. x 2 in. diameter	Physics	MRC Manufacturing Corp., Yonkers, N.Y.	2 791 00 f.o.b. delivered
Five automatic electric rotary calculators, less trade-in allowance for two calculators	Psychology	Monroe Calculating Machine Co., Inc., Champaign	3 600 00 f.o.b. delivered
100 reams 32 in. x 44 in. 119 lb. enamel book paper	Office Supply Store	McIntosh Paper Co., Chicago	2 766 75 f.o.b. delivered
One Ampex model 3201-C master tape duplicator	Radio Station WILL	Newark Electronics Corp., Chicago	8 657 00 f.o.b. delivered
Two model 3202-C slave tape duplicators			
One catalog No. 6878 standard and alignment tape			
Print and bind 2,000 copies of <i>Freedom and Communications</i> , by Dan Lacy, approximately 128 pages per copy	University Press	American Book-Stratford Press, Inc., Chicago	2 554 65 f.o.b. delivered
One straddle type electric fork truck, 3,000 lb. capacity to operate in 6 ft. wide stacking aisle	Housing Division (Central Food Stores)	H. W. Carpenter Co., Peoria	6 745 00 f.o.b. delivered
28 mobile delivery cabinets, 70 in. high x 20 3/4 in. wide x 27 1/4 in. deep, constructed of extended aluminum	Housing Division (Residence Halls)	Twin City Equipment Co., Champaign	5 012 00 f.o.b. delivered
Lounge furniture for Peabody Drive Residence Halls for Men	Housing Division (Residence Halls)	L. B. Herbst Corp., Chicago	29 099 17 f.o.b.
		Rochelle's, Inc., Chicago	12 346 65
		Weger Institutional Designs, Lansing, Mich.	635 75 (42 081 57) f.o.b. Urbana
Furnish and install guided Venetian blinds on all windows in 26 rooms of the Fine and Applied Arts Building	Physical Plant	Mackin Venetian Blind Co., Momence	4 616 82 f.o.b. delivered and installed
Three power transformers, open, dry type, 167 KVA, 4160/7200 V volts	Physical Plant	Springfield Electric Supply Co., Urbana	4 011 00 f.o.b. delivered
One refuse container, 30 cu. yd. capacity, for use with "Huge Hau" refuse disposal equipment operated by the Physical Plant	Physical Plant Storeroom	Coleman & Associates, Rockford	2 773 40 f.o.b. delivered
40,679 lb. schedule 40 pipe, black and galvanized	Physical Plant	Booth & Thomas, Inc., Springfield	4 414 94 f.o.b. delivered
40,000 lb. soft white lead paste, federal specifications TT-W-215-B, type C, in 100-lb. kegs	Physical Plant Storeroom	National Lead Co., Chicago	7 300 00 f.o.b. delivered

Item	Department	Vendor	Cost
Approximately 400 tons of cold mix, cold lay, plant mix asphaltic concrete for maintenance patching of asphalt pavements as required for period of September 1, 1960, through June 30, 1961	Physical Plant Storeroom	Material Service Division, General Dynamics Corp., Chicago	\$4 080 00 f.o.b. delivered

*Chicago Colleges and Divisions*

634 cases of paper containers and paper specialties to be ordered as needed during the period October 1, 1960, through September 30, 1961	General Stores, Undergraduate Division	The Paper Service Co., Chicago	7 995 25 delivered
34 pieces of wood bookstore fixtures	Bookstore, Undergraduate Division	Watson Store Fixture Co., Fremont, Neb.	8 174 50 f.o.b. delivered
One spectrophotometer	Anatomy	E. H. Sargent & Co., Chicago	2 995 00 delivered
One refrigerated centrifuge	Biochemistry	Ivan Sorvall, Inc., Norwalk, Conn.	2 500 00 delivered
One spectrophotometer and accessories	Medicine	Scientific Products, Evanston	3 123 00 delivered
One electrophoresis apparatus	Medicine	Perkin-Elmer Corp., Norwalk, Conn.	3 450 00 delivered
One automatic blood pressure recorder	Preventive Medicine	Elmac Engineering Co., Chicago	2 575 00 f.o.b. Oberlin, Ohio
Miscellaneous items of laboratory supplies and reagent chemicals, covering annual requirements for shelf stock and student kits	Pharmacy	Fisher Scientific Co., Chicago	3 649 93 delivered
20,000 tetracycline V capsules, 250 mg. (three months supply)	Pharmacy	Charles F. Pfizer & Co., Chicago	3 622 00 delivered
20,000 chloramphenicol capsules, 250 mg. (three months supply)	Pharmacy	Parke-Davis & Co., Skokie	5 100 00 delivered
40,000 tolbutamide tablets, 0.5 gm. (three months supply)	Pharmacy	Upjohn Co., Chicago	3 336 00 delivered
Two 500 MA radiographic controls with transformers and moving and re-installation of a 500 MA unit	Radiology	Winfield, Inc., Chicago Controls and trans- formers Mattern X-Ray Sales, Harwood Heights, Moving and re-installation	8 820 00 delivered 439 00
Isotope equipment consisting of a dual detection and recording system	Radiology	Picker X-Ray Corp., Chicago	5 195 00 delivered
Physiologic monitor for respiratory studies	Research and Educational Hospitals	Sanborn Co., Chicago	9 610 00 f.o.b. Waltham, Mass.
Two operating tables and accessories	Research and Educational Hospitals	American Sterilizer Co., Chicago	5 788 00 f.o.b. Erie, Pa.
21,000 patient charts 21,000 admission cards	Research and Educational Hospitals	Reliable Stationery Co., Chicago	3 879 75
Laboratory model oxygenator for use in open-heart surgery	Surgery	John H. Nelson Co., Inc., Chicago	2 856 00 net delivered
66 dozen twin size bedspreads	Housing Division	Haag Bros., Skokie	2 854 08 delivered
40 medical microscopes, less trade-in allowance for 10 used microscopes	Student Supply Store	Scientific Products Division, Evanston	10 621 50 delivered

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

**COMPTROLLER'S REPORT OF CONTRACTS**

(26) The Comptroller's report of contracts executed during the period July 1 to August 31, 1960.

With Whom	Purpose	Amount to be Paid to the University	Effective Date
Commonwealth Edison Co.	Estimated heat loss and estimated consumption of electrical energy in electrically heated houses	\$ 8 000 00	August 3, 1960

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Illinois Agricultural Association	Quality of dairy products	\$ 2 000 00	August 16, 1960
Illinois Department of Conservation	Wildlife research studies	89 000 00	June 30, 1960
Lumber Dealers Research Council	Design certain new components for residential construction	4 500 00	July 22, 1960
National Steel Corp.	Fatigue behavior of welded joints in N-A-XTRA high strength steels	20 000 00	June 21, 1960
State of Illinois, Department of Public Welfare, Project No. 1704	Electrophysiology of the eyes and brain	15 385 59	June 7, 1960
State of Illinois, Department of Public Welfare, Project No. 1766	Educability of psycholinguistic functions in young retarded children	19 459 00	June 15, 1960
United States Air Force AF-AFOSR-60-27	Basic research in materials sciences	155 000 00	June 15, 1960
United States Air Force AF-19(604)-7411	Basic physics of shock wave phenomena	106 372 00	June 15, 1960
United States Air Force AF-29(601)-2876	Effects of dynamic loads on soils and buried structures	35 000 00	June 30, 1960
United States Air Force AF-41(657)-332	Quantitative determinations of gaseous tissue nitrogen in animals exposed to various simulated altitudes	17 658 00	April 13, 1960
United States Army DA-11-022-ORD-3442	Protection against corrosion	28 600 00	June 29, 1960
United States Army DA-11-022-ORD-3467	Mechanical characteristics of polycrystalline NiO	44 195 65	June 25, 1960
United States Army DA-11-022-506-ORD-3488	Problem areas in the field of structural mechanics, aerodynamics, and flight mechanics, incident to the design and analysis of weapons systems	13 248 19	June 30, 1960
United States Army DA-36-039-SC-85173	Exploratory ionospheric research investigations	102 484 00	June 28, 1960
United States Department of Agriculture 12-14-100-4542(61)	Yield and composition of uncured and cured hams from hog carcasses of different fat content	11 107 00	June 23, 1960
United States Department of Health, Education, and Welfare, Office of Education SAE 8829	Counseling and guidance training institute	71 642 00	January 19, 1961
United States Department of Health, Education, and Welfare, Office of Education SAE 8893	Response patterns associated with group counseling	7 564 00	June 22, 1960
United States Department of Health, Education, and Welfare, Office of Education SAE 8894	Changes in schools which do and do not send staff members to training institutes in counseling	14 419 00	June 22, 1960
United States Department of Health, Education, and Welfare, Office of Education SAE 8969	Productive thinking of gifted children	82 368 00	July 25, 1960
United States Department of Health, Education, and Welfare, Office of Education SAE 8994	Improved school adjustment of under-achieving gifted fifth graders	63 364 00	August 1, 1960
United States Department of Health, Education, and Welfare, Public Health Service SAPH 73860	Rheumatic fever through the use of fluorescent antibody technique	2 000 00	April 25, 1960
United States Navy N600(G)-0008-60	Symposium on the organization of multivariate experiment in the behavioral sciences	4 773 00	April 1, 1960
United States Navy N600(22)55249	Books, nonexpendable supplies, and equipment for training of naval students	1 500 00	June 30, 1960
United States Navy N600(22)55582	Academic instruction	40 000 00	June 30, 1960



<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States of America, International Cooperation Administration ICAC-1453	Technical advice and assistance requested by government of India	\$537 000 00	June 30, 1960

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Win Buettgen	Furnishing orchestra for registration dance at Navy Pier on September 23, 1960	\$ 196 00	August 12, 1960
States Attorney of Champaign County	Services rendered in lieu of taxes (properties in Champaign and Urbana)	31 041 64	June 29, 1960
States Attorney of Champaign County	Services rendered in lieu of taxes (Student-Staff Apartments)	6 036 08	June 28, 1960

## Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Educational Services, Inc.	Rental of premises at 627½ South Wright Street to June 30, 1961	\$ 4 000 00 (\$1,000 quarterly)	June 17, 1960

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Allis-Chalmers Manufacturing Co.	Lease of roto-baler with power take-off attachment	\$ 184 47 annually	July 7, 1960
J. I. Case Co.	Rental of farm machinery, three items: \$63.48 to \$99.60	242 21 annually	June 27, 1960
John Deere Plow Co.	Rental of farm machinery, nineteen items: \$25.00 to \$468.44	2 289 73 annually	June, 1960
Eversman Manufacturing Co.	Lease of 1-2-SD Eversman scraper with attachments	113 50 annually	July 7, 1960
International Harvester Co.	Rental of farm machinery, twelve items: \$4.61 to \$170.37	744 75 annually	May, June, and July, 1960
MacCarthy Ford Tractor Sales, Inc.	Lease of one all-purpose tractor and one heavy duty loader with attachments	386 47 annually	July 1, 1960
Massey-Ferguson, Inc.	Lease of one two-row planter with fertilizer attachment and furrow opener	38 13 annually	February 1, 1960
B. A. Strauch	Rental of premises at 707-709 South Wright Street to June 30, 1961	2 400 00 (\$200.00 per month)	June 7, 1960
University of Illinois Foundation	Rental of property at 805 West Pennsylvania Avenue to June 30, 1961	2 225 00 (\$1,112.50 semi-annually)	August 12, 1960

## Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Cyanamid Co.	Systemic insecticides for control of insects on wheat	\$ 1 000 00	June 22, 1960
Grace Chemical Co.	Nonprotein nitrogen in sheep nutrition	2 500 00	July 1, 1960
Illinois Archaeological Survey	Preliminary archaeological site examination	350 70	August 8, 1960
Institute of Boiler & Radiator Manufacturers	Performance of steam and hot water heating systems and related equipment	37 000 00	July 1, 1960
Moorman Manufacturing Co.	Nutritional quality of pig starter rations	2 600 00	July 5, 1960
National Aeronautics and Space Administration NSG-13-59	Flow mechanism and heat transfer in separated flows	35 402 00	June 10, 1960
National Aeronautics and Space Administration NSG-24-59	Physical properties of the ionosphere by means of satellite radio transmissions	81 082 00	July 1, 1960
National Lime Association	Prospectus for lime-pozzolan mixtures and lime stabilization of soils	7 500 00	July 1, 1960
People's Gulf Coast Natural Gas Pipeline Co.	Pipe line right-of-way on Allerton Farms	516 30	June 16, 1960

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Charles F. Pfizer & Co., Inc.	Evaluate amino acids, unidentified growth factors, vitamins, and antibiotics in swine	\$ 1 500 00	May 24, 1960
Sandia Corp.	Improvement in present knowledge of strong shock interactions	1 389 00	July 21, 1960
Sandia Corp.	Magnetic throat possibilities and the calorimetry of plasmajets	5 000 00	July 6, 1960
State of Illinois Department of Public Welfare, Project No. 1726	Child behavior and parent-child interaction patterns	2 600 00	June 15, 1960
Tee-Pak Foundation	Various types of films as retardants to deterioration of meat and meat products	3 500 00	April 25, 1960
United States Army DA-36-039 SC-75055	Measurement of intensity of surface precipitation by means of analysis of radar returns	72 633 00	June 22, 1960
United States Army DA-49-007-MD-562	Experimental investigations in medicine	14 019 00	July 1, 1960
United States Atomic Energy Commission AT(11-1)-182	Determine the nature and number of lattice imperfections introduced into crystalline solids by nuclear irradiation at liquid helium temperature	197 402 00	June 20, 1960
United States Department of Health, Education, and Welfare, Office of Education SAE 7257	Logical structures of teaching and the development of critical thinking	250 00	June 30, 1960
United States Department of Health, Education, and Welfare, Office of Education SAE 8141	Surveys and demonstrations in the field of education	250 00	June 30, 1960
United States Department of Health, Education, and Welfare, Office of Education, SAE 8829	Counseling and guidance training institute	1 000 00	June 1, 1960
United States Navy Nour-1834(05)	Nuclear disintegration schemes and nuclear interactions of cosmic rays	1 245 300 00	May 25, 1960
United States Navy Nour-1834(27)	Numerical analysis, switching circuit theory, and the use of computers for the study of computer circuits	29 000 00	July 31, 1960
United States Navy Nour-2947(01)(x)	Unstable fracture in steels	50 000 00	June 20, 1960
United States Navy Nobsr-6471J	Confidential	65 985 00	June 20, 1960
United States Navy Nobs-77137	Evaluate the effects of such factors as weld geometry, undercutting and welding conditions on fatigue behavior of HY-80 steels	56 000 00	June 25, 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)	Nineteen items: \$976.56 deduct to \$47.23	\$ 1 895 65 (deduct)	June and July, 1960

#### Adjustments Made in 1960-61 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Forty-one items: \$298.31 deduct to \$4,225.00	\$16 348 33	July and August, 1960

This report was received for record.

#### QUARTERLY REPORT OF THE COMPTROLLER

(27) The Comptroller presented his quarterly report to the Board as of June 30, 1960.

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

**EASEMENT ON HARTSBURG EXPERIMENT STATION**

(28) The Superintendent of Highways of Logan County has requested an easement of right-of-way for highway purposes over land owned by the University and used as an Agricultural Experiment Station near Hartsburg. This is necessary in order to widen an existing road.

The Director of the Agricultural Experiment Station and the Vice-President and Comptroller recommend that this easement be granted and that the following resolution be adopted:

**Resolution**

*Be It, And It Hereby Is Resolved*, by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this Board of Trustees be, and they hereby are, authorized and directed to execute, acknowledge, and deliver in the name and in behalf of this corporation, and under its corporate seal, a grant, in the form approved by the Legal Counsel of this corporation, to the County of Logan in the State of Illinois, of an easement of right-of-way for public highway purposes in a tract of land situated in said county, title to which is held by this public corporation, described as follows, viz:

A part of the South half of the Southwest quarter of the Southwest quarter of Section 22, Township 21 North, Range 3 West of the Third Principal Meridian, described as follows, to-wit: Beginning at a stone marking the Southwest corner of said Section 22, running thence North along the West line of said Section 22 for a distance of 50.0 feet, thence East 31.6 feet to the East Right of Way line of an Orvil Road District Road, commonly known as the "Experiment Station Road," thence South 45° East 21.2 feet, thence East 1,283.3 feet, thence South 35.0 feet, thence West 1,329.9 feet along the South line of said Section 22 to the Point of Beginning. Excepting that portion already in use for highway purposes, said tract containing 0.19 acres, more or less.

The grant of an easement of right-of-way for public highway purposes in said tract of land hereby authorized shall provide that in the event said tract of land ceases to be used for public highway purposes the easement granted the County of Logan therein and thereby shall cease and determine and said tract or strip of land shall revert to this public corporation free and clear of said easement, and shall also be made upon, and contain, the following terms and conditions:

1. The County of Logan shall pay to this public corporation for said grant the sum of \$60.00 simultaneously with the delivery of said grant to said County.

2. The County of Logan shall, at its own sole expense, remove the presently existing fence marking the present boundary of the roadway now situated adverse to said strip of land which will be widened as a result of this grant and will replace and restore said fence at a new location heretofore agreed upon in as good condition as is said presently existing fence.

3. The entrance to property retained by this public corporation and situated adjacent to said hereinabove described tract shall be moved, by the County of Logan and at its expense, from its present location to a point about one hundred twenty-five feet east thereof and in line with the existing driveway which leads to the existing barn located on said retained property of this public corporation.

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

**COMMUNICATION FROM MEMBERS OF THE FACULTY**

(29) At its meeting on July 26, 1960, the Board took note of a communication, in the form of an open letter, dated July 15, 1960, to the Board of Trustees from a number of members of the University faculty concerning the University's action in the case of Dr. Leo F. Koch which was sent to members of the Board of Trustees and was released by some of its signers for publication on July 17. The Board referred this communication to the Committee on General Policy for study and report.

Mr. Johnston, for the Committee on General Policy, submitted a report of his Committee on this matter and moved its adoption.

The report was adopted and filed with the Secretary for record.

Mr. Johnston also submitted the following summary of the report for inclusion in today's minutes and as the reply of the Board of Trustees to the open letter.

**Summary of Report of General Policy Committee to Board of Trustees of the University of Illinois Concerning Open Letter to the Board from Certain Members of the University Faculty Pertaining to Action Taken in Leo F. Koch Matter**

Prior to the July 26, 1960, meeting of the Board of Trustees, an open letter from certain members of the University's faculty to the Board was mailed to each Board member and President Henry, and was released to the press by some of its signers. Although those who did this failed to comply with the procedure established and prescribed by the University Statutes governing the transmission of communications from University staff members to the Board, the latter, at President Henry's request, decided to give due consideration to the letter and referred it to the General Policy Committee for its study, report, and recommendations.

Since then the Committee has carefully studied the letter and has reviewed the procedures followed, the report of the University Senate Committee on Academic Freedom, the resolution adopted on June 6 by the Urbana-Champaign University Senate, and the *Findings and Conclusions* reached by the Board at the conclusion of the hearing given Professor Leo F. Koch. The conclusions of the Committee, which it recommends be adopted by the Board, are fully set forth and documented in the Committee's report of which the following constitutes a brief summary:

1. In its deliberations and actions in the Koch case, as well as in all other matters, the Board of Trustees has been, and will continue to be guided by what, in its considered judgment, will promote the progress and welfare of the University in all its relationships and is in the best interests of its faculty, its students, and the public which it serves.

2. In its *Findings and Conclusions* in the Koch case the Board repeatedly and clearly stated that its action in approving President Henry's recommendation that Professor Koch's contract with the University be terminated was based upon Professor Koch's breach of his academic and professional responsibility inherent in his University employment and recognized and declared in the University Statutes and in the Joint Statement of Principles on Academic Freedom and Tenure adopted by the Association of American Colleges and the American Association of University Professors. The Board's unanimous finding that Professor Koch's actions constituted a breach of that responsibility was in accord with the unanimous finding of the Executive Committee of the faculty of the College of Liberal Arts and Sciences and that of the Committee on Academic Freedom of the Urbana-Champaign University Senate.

3. President Henry had no authority to and did not terminate Professor Koch's University contract. He suspended and preferred charges against Professor Koch and recommended the termination of the latter's contract to the Board as he is authorized and obligated by the provisions of the University Statutes to do when, in his judgment, such action is necessary and justified. His action was taken upon the recommendation of the Executive Committee of the faculty, including the Dean of the College of Liberal Arts and Sciences.

4. The public release, prior to the hearing before the Board, of the charges and President Henry's intention to recommend to the Board that Professor Koch's contract be terminated was proper in this instance because of the publicity which Professor Koch's letter to the Editor of *The Daily Illini* had received and the resulting advisability that the disapproval by the University administration of Professor Koch's actions be made known to the public. It did not operate to deprive Professor Koch of a fair hearing before and conscientious consideration of his case by the Board.

5. The members of the Board of Trustees were fully conscious of the vital

interest of the faculty of the University, as well as that of the University's students and the citizens of Illinois, in proper consideration being given and appropriate action being taken by the Board in the proceeding involving Professor Koch. The resolution adopted by the Urbana-Champaign University Senate and the report and recommendations of its Committee on Academic Freedom to the President were accorded careful consideration and due weight by the Board in reaching its decision. The members of the Board were under the duty and responsibility to all concerned to and did take the action which, in their own considered judgment, was proper and in the best interests of the University.

6. The procedures followed in the Koch case were substantially in accord with the provisions of the present University Statutes which were adopted by this Board in 1957 after they were drafted by a Committee composed largely of faculty members and had been approved by the University Senate. If these provisions are now not considered to be proper and adequate, the Board of Trustees is willing to consider suggested changes in them. The University Statutes specify the channels to be used and procedures to be followed in submitting suggested revisions to the Board for its consideration.

7. The members of the Board subscribe fully to the commonly accepted principles of academic freedom and desire and intend to maintain them unimpaired at the University. They recognize the right of *responsible* expression of their views by faculty members even though the views expressed are unpopular or even untenable. In determining whether a public expression of such views is a *responsible* one, they have been and will be guided by the criteria appearing in the University Statutes and the above mentioned 1940 Joint Statement of Principles on Academic Freedom and Tenure. In the opinion of the Board, Professor Koch's expression of his views, judged by those criteria, was not a responsible one.

8. The Board believes that the action taken in the Koch case was proper and in the best interests of the University and that the cause of academic freedom is strengthened by insisting upon exercise of the academic responsibility which necessarily accompanies it.

On motion of Mr. Johnston, the foregoing summary of the Committee's report was also adopted; and the Secretary was instructed to send copies of this summary and of the full report to all the signers of the open letter, with an appropriate letter of transmittal informing them that these constitute the Board's reply to the open letter.

#### COURT DECISION ON GARFIELD PARK LAND ACQUISITION

(30) Mr. Johnston, for the Committee on General Policy, called attention to the recent decision in the Circuit Court of Cook County, in the case of The People of the State of Illinois, Plaintiff, vs. Chicago Park District, a body corporate and politic, and The Board of Trustees of the University of Illinois, a public corporation, Defendants, No. 60C 5203, with respect to the acquisition by the University of land in Garfield Park for the Chicago Undergraduate Division. This decision holds that the Act of the General Assembly of Illinois approved July 22, 1959, authorizing the Chicago Park District to convey park lands to the University is unlawful, invalid, and unconstitutional.

The Committee on General Policy has considered this decision and recommends that it be appealed without prejudice to any alternate sites which may be proposed by the city of Chicago and its City Planning Department. A conference of the Board with Mayor Richard J. Daley on this matter is scheduled for September 27, 1960.

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

#### HEARING OF REPRESENTATIVES OF GARFIELD PARK COMMUNITY

At this point, Mr. Edward Rosewell, President of the Garfield Park Improvement Association, Mr. Gordon L. Mattson, Chairman of United Property Group, and Mrs. Ruth Lesei, representing the Bradley-Honore Association, who had requested a hearing by the Board of Trustees, appeared before the Board. Mr. Mattson spoke for the group and the organizations they represent and also for a number of other

organizations, churches, private enterprises on the west side of Chicago, including the Garfield Park Chamber of Commerce, the East Garfield Park Improvement Association, and Home Owners Enterprises. He urged the Board to reaffirm its decision in the selection of Garfield Park as a site for the Chicago Undergraduate Division and offered the support of the organizations and individual citizens in the Garfield Park community. A copy of his presentation has been filed with the Secretary of the Board for record.

At the conclusion of the hearing, Mr. Mattson and his associates presented petitions signed by approximately 18,000 citizens of Chicago in support of the selection of Garfield Park for the relocation of the Chicago Undergraduate Division, urging that the Board appeal the recent adverse court decision and offering their support should a referendum become necessary to make Garfield Park available to the University for educational purposes. These petitions were turned over to the Secretary of the Board and a copy has been filed by him as a part of the record of today's meeting.

#### MEMORIAL TO ARTHUR CUTTS WILLARD

Mr. Pogue offered the following:

The Board of Trustees of the University of Illinois records with deep sorrow the death on September 11, 1960, of Dr. Arthur Cutts Willard, President *Emeritus* of the University.

Dr. Willard was born in Washington, D.C., on August 12, 1878, and received his undergraduate and professional education at the National College of Pharmacy and the Massachusetts Institute of Technology. With the exception of a few years of teaching at the California School of Mechanical Arts in San Francisco and at George Washington University, and service as an engineer on the staff of the War Department just before coming to the University of Illinois, his life's work was at this University. He was married to Sarah Lamborn of Washington, D.C., November 26, 1907, who survives.

Dr. Willard came to the University of Illinois as Assistant Professor of Mechanical Engineering in 1913, progressing rapidly to full professorial rank in 1917. He was Head of the Department of Mechanical Engineering from 1920 to 1934, and Acting Dean of the College of Engineering and Director of the Engineering Experiment Station from 1933 to 1934, when he became the University's ninth President. He retired September 1, 1946, after thirty-three years of continuous service at the University of Illinois.

He had otherwise served the University on numerous important faculty committees dealing with educational and administrative problems. So when he was elected President of the University of Illinois, the Board of Trustees could proudly announce that in the election of Professor Arthur Cutts Willard, the Board had chosen from the faculty a man who through twenty-one years of loyal and distinguished service to the University as a teacher, scientist, and administrator had the respect of students, alumni, colleagues on the faculty and elsewhere in his profession, and of the industries of the State and the Nation.

Many Illini will remember him with gratitude as a great teacher and for his high professional standards which have influenced their careers. He also will be remembered by countless others for his contributions as a scientist to the engineering profession and for his services to industry and government. Outstanding among his achievements was the research he directed at the University of Illinois which produced the basic data for engineering the ventilating system of the Holland Tunnel connecting New York and New Jersey, a system subsequently also used elsewhere in the United States and abroad.

He came into the Presidency of the University at one of the most difficult periods in its history when institutional financial resources were greatly reduced and the immediate task was one of rebuilding and restoring confidence in the future. He brought the University from those years of the economic depression through a period of increasing prosperity and growth, and through the trying years of World War II, into a new era.

A complete listing of his achievements is unnecessary but significant examples should be noted. During his administration, the Chicago Professional Colleges were reorganized under the administration of an Executive Dean, now a Vice-President. The College of Veterinary Medicine, the Division of Special Services for War Veterans, the Small Homes Council, the Student Counseling Bureau, the Council on Teacher Education, and the Institute of Aviation were established. The University of Illinois Foundation was organized during his Presidency and he established the original Citizens Committee. The University's physical plant and campus development during his administration include such major projects as: the Illini Union Building, the first group of the Men's Residence Halls, Gregory Hall which replaced the old University Hall, the Abbott Power Plant without which expansion of the campus to its present state would have been impossible, additions to the Library, McKinley Hospital; and in Chicago the second unit of the Dentistry-Medicine-Pharmacy Building, the first of the University's buildings to be financed through a bond issue, and remodeling of the College of Pharmacy Building into the present Chicago Illini Union. Much of the planning which led to the establishment of the Chicago Undergraduate Division was done during the last year of his administration as President.

Dr. Willard gave the University distinguished leadership for twelve years, a leadership which had an impact on its growth and achievements following his retirement. The spirit of his administration was a reflection of his personal character: integrity, a fine sense of duty to students and staff, loyalty to the institution, industry, and courage. He was exemplary in his personal habits, modest, friendly, but withal had a wholesome dignity which inspired respect and affection.

With this tribute the Board also records its deep appreciation of Dr. Willard's life and of his many years of devoted service to the University of Illinois, and expresses its sympathy to the members of his family.

On motion of Mr. Pogue, this memorial was adopted by a rising vote, was ordered printed in the minutes of today's meeting, and the Secretary was directed to send suitable copies to members of Dr. Willard's family.

#### DEGREES CONFERRED

The Secretary presented for record the following list of degrees conferred at Urbana on August 15, 1960, and at the Chicago Professional Colleges on the dates indicated, on recommendation of the University Senates and by authority of the Board of Trustees.

##### Summary

Degrees in the Graduate College, conferred at Urbana:

Master of Arts.....	77
Master of Science.....	293
Master of Music.....	7
Master of Education.....	145
Master of Fine Arts.....	6
Master of Architecture.....	4
Master of Accounting Science.....	2
Master of Commerce.....	3
Advanced Certificate in Education.....	19
<i>Total, Graduate College.....</i>	<i>(556)</i>

Degrees in Law, conferred at Urbana:

Bachelor of Laws.....	4
-----------------------	---

Baccalaureate Degrees, conferred at Urbana:

Bachelor of Science, College of Agriculture.....	24
Bachelor of Science, College of Engineering.....	103
Bachelor of Arts, College of Liberal Arts and Sciences.....	62
Bachelor of Science, College of Liberal Arts and Sciences.....	48
Bachelor of Science, College of Education.....	23
Bachelor of Science, College of Commerce and Business Administration....	50
Bachelor of Science, College of Journalism and Communications.....	8
Bachelor of Architecture, College of Fine and Applied Arts.....	6

Bachelor of Fine Arts, College of Fine and Applied Arts.....	19
Bachelor of Science, College of Fine and Applied Arts.....	4
Bachelor of Science, College of Physical Education.....	6
Bachelor of Science, Division of Special Services for War Veterans.....	12
<i>Total, Baccalaureate Degrees.....</i>	<i>(369)</i>
<i>Total, Degrees Conferred at Urbana.....</i>	<i>(925)</i>
Degrees in Dentistry, conferred at Chicago:	
Bachelor of Science.....	50
Degrees in Medicine, conferred at Chicago:	
Bachelor of Science.....	1
Degrees in Nursing, conferred at Chicago:	
Bachelor of Science.....	1
Degrees in Pharmacy, conferred at Chicago:	
Bachelor of Science.....	5
<i>Total, Degrees Conferred at Chicago.....</i>	<i>(57)</i>
<i>Total, Urbana and Chicago.....</i>	<i>982</i>

### GRADUATE COLLEGE

#### Degree of Master of Arts

##### *In Art Education*

FRED GRANT ATTEBURY, B.F.A., 1958  
 JEAN DANIEL DEVAUD, B.F.A., 1950  
 THELMA LEE FITE, B.F.A., 1958  
 DIANNE MARY KESSER, B.F.A., 1959  
 SISTER MARY ALEXIA WALTERS, A.B., Saint Ambrose College, 1948  
 ALVIN SMITH, A.B., State University of Iowa, 1955

##### *In Art History*

HERMAN GUSTAV PUNDT, B.F.A., 1960

##### *In Economics*

GERALD RALPH MOODY, A.B., 1959

##### *In English*

GEORGE QUENTIN DAVIDSON, B.S., Oregon College of Education, 1957  
 PETER DAVIES, B.S., Northern Illinois University, 1959  
 HUGH JOSEPH DAWSON, A.B., Georgetown University, 1959  
 YVONNE NYENHUIS DRESSER, A.B., 1958  
 MURIEL SHEILA GOLDSMITH HARRIS, A.B., 1959  
 SYLVIA ANN JOHNSON, A.B., Marian College, 1959  
 JAMES MATTHEW KNAAK, B.S., 1953  
 PATRICIA NEWSOME LEIBY, A.B., 1959  
 WILLIAM THOMAS LISTON, A.B., State University of New York College for Teachers (Albany), 1957  
 IDABELLE KINCANNON MACHAMER, A.B., 1959  
 LORAYNE ADELL NISSEN, B.S., Concordia Teachers College, 1959  
 THOMAS NORRIS SMITH, A.B., University of Connecticut, 1959  
 KAREN VAN DOREN, B.S., 1959

##### *In French*

UNETTA THOMPSON MOORE, A.B., Mount Holyoke College, 1954; A.M., University of New Mexico, 1956; Ph.D., 1960

##### *In Geography*

DANIEL WAYNE GADE, A.B., Valparaiso University, 1959  
 FLOYD ARTHUR NICHOLS, A.B., 1959

##### *In History*

JAMES RAYMOND HAWKES, B.S., 1959  
 JOHN EDWARD HODGE, B.S., College of Charleston, 1959  
 RICHARD LEE MORGAN, A.B., University of North Dakota, 1959  
 EMIL CHARLES PIROK, A.B., 1957



*In Labor and Industrial Relations*

- PINAKI RANJAN DAS, B.S., Punjab University, 1955  
STANLEY LAWRENCE FRIEDLANDER, A.B., College of the City of New York, 1959  
SAGAR CHAND JAIN, A.B., A.M., University of Delhi, 1950, 1952  
BYRON YAFFE, A.B., Washington University, 1958

*In Mathematics*

- JAMES RAY DOWNING, B.S., Southwest Missouri State College, 1958  
ANN HARRIS IHRIG, A.B., 1960

*In Political Science*

- KENNETH EARL ALLEN, A.B., Miami University, 1959  
ROBERT DON HEIDORN, A.B., Lawrence College, 1959  
WALTER HARMON SLACK, A.B., 1956  
JOSEPH BLANTON TUCKER, A.B., Ohio Wesleyan University, 1958  
THOMAS DWIGHT WILSON, B.S., Illinois State Normal University, 1959

*In Psychology*

- CYNTHIA DIANE BURKE, A.B., 1959  
LEE NANCY KAUFMAN, A.B., Queens College, 1958  
AHMAD ABD EL AZIZ SALAMA, A.B., Cairo University, 1947; Diploma, Diploma,  
A.M., Ain Shams University, 1949, 1954, 1957  
ROBERT EMERY SCHULMAN, A.B., Northwestern University, 1958  
RICHARD ALAN STEFFY, A.B., Albright College, 1958

*In Russian*

- ALAN EDWARD HUDSON, A.B., 1959

*In Social Sciences*

- RALPH NEIL CHILDS, B.S., Northern Illinois University, 1956  
RICHARD EUGENE MATTESON, A.B., 1955  
DANIEL HOWARD PASTOOR, A.B., Calvin College, 1953

*In Sociology*

- BRUCE KENT ECKLAND, B.S., 1957  
PAUL JOSEPH HOLLANDER, A.B., University of London, 1959  
CAROL STICKLER LIERMAN, A.B., 1959  
OLGERT POCS, A.B., 1958

*In Speech*

- MARY BETH SAWYER ARMSTRONG, B.S., 1957  
WARREN FREDERICK CRAIG, B.S., Illinois State Normal University, 1948  
DENNIS GENE DAY, A.B., College of the Pacific, 1958  
WILLIAM NORTON GRANDGEORGE, A.B., Knox College, 1955  
PAUL HAVENER GRAY, A.B., Marietta College, 1959  
CAROLYN LEE GRIFFITH, A.B., Marietta College, 1959  
GEORGE NORMAN GUNKLE, A.B., 1955  
JOAN SMITH LUDWIG, B.S., Memphis State College, 1956  
EUGENE FRANK MAZZONE, B.S., Eastern Illinois University, 1952  
MOLLY NIEDERLANDER RAMSHAW, A.B., Mount Holyoke College, 1948  
JOHN HENRY RYAN, JR., A.B., Harding College, 1959  
RONNIE SHERILL TRENT, A.B., Southwestern State College, 1957  
DALE EDWARD WOOLLEY, A.B., Washington University, 1958

*In Statistics*

- R. MARILYN PYLE, A.B., Montana State University, 1956

*In the Teaching of English*

- CHARLOTTE CHRISTINE ANDERSON, A.B., Gustavus Adolphus College, 1928  
ROBERT CLYDE BAILEY, A.B., 1958  
LAWRENCE EDWARD CONNOLLY, A.B., 1952  
HOWARD MARTIN EVANS, B.S., Eastern Oregon College, 1958  
MARTHA JANE WOHLSCHEGEL, A.B., Bradley University, 1958

*In the Teaching of Social Studies*

- MARTHA LEE DONNELLY, A.B., 1954  
JOSEPH HARRY HARTMANN, A.B., 1956  
MARY MARGARET ZORGER PHILLIPS, B.Ed., Illinois State Normal University, 1930  
BARBARA REUTER SCHEMEL, A.B., 1959  
LEONARD LAVON SEMON, B.S., Illinois State Normal University, 1952  
ROSEMARY ELIZABETH WATKINS, A.B., DePaul University, 1951

**Degree of Master of Science***In Accountancy*

- VAHE BALADOUNI, A.B., Baldwin-Wallace College, 1959  
HAROLD LEE GEU, B.S., Colorado State University, 1959  
WAYNE MELVIN HIGLEY, B.S., University of Omaha, 1958; A.B., State University of Iowa, 1958  
CHI WONG JUNG, A.B., National Taiwan University, 1957  
WALLACE EMMERSON KELLY, B.S., Eastern Illinois University, 1958  
ALY MAHROUS SHADY, B.Com., University of Ein Shams, 1950

*In Aeronautical Engineering*

- KENNETH WARREN BAUD, B.S., 1959  
KRISHAN KUMAR KUMAR, B.S., 1959  
FRED SAMUEL SNYDER, JR., B.S., 1955

*In Agricultural Economics*

- DONALD GENE CLAMPET, B.S., 1956  
RALPH LESTER FORREST, B.S., 1952

*In Agricultural Education*

- ELDON RAY AUPPERLE, B.S., 1954  
STEPHEN RICHARD KINGRY, B.S., 1953  
HOWARD WILLIAM ROBINSON, B.S., 1953

*In Agricultural Engineering*

- DONALD RAY SISSON, B.S., Purdue University, 1949

*In Agronomy*

- CARROL DEAN BOLEN, B.S., 1959  
WILLIE ZACK BROCK, B.S., Alcorn Agricultural and Mechanical College, 1953  
NOELL SAMUEL RABINDRANATH DEY, B.S., University of Allahabad, 1940  
JOOST CHRISTIAAN DIJKERMAN, Candidate, State Agricultural University (Holland), 1959  
THOMAS EUGENE FENTON, B.S., 1959  
EARL HENRY SONNEMAKER, B.S., 1959  
EARL ALLEN WERNSMAN, B.S., 1958

*In Botany*

- RICHARD DEAN ALLEN, A.B., Greenville College, 1957  
BARBARA JANE SCHENCK COLLINS, B.S., Bates College, 1951; A.M., Smith College, 1953; Ph.D., 1955  
NANCY SUE MATHIS, B.S., 1959

*In Ceramic Engineering*

- CHARLES AINSLEY HALL, B.S., 1959  
DAVID GRIFFITH WIRTH, JR., B.S., 1959

*In Chemical Engineering*

- WILLIAM GORDON HUNTER, B.S.E., Princeton University, 1959  
PHILIPPE GASTON JEANNIN, Diploma, Ecole Centrale des Arts et Manufactures (Paris), 1959  
LEWIS PHILIP REISS, B.Ch.E., University of Delaware, 1958

*In Chemistry*

- MARJORIE LUCILLE ARNOLD, B.S., Bradley University, 1954  
WEILING CHANG, A.B., Mercyhurst College, 1959

- PATRICIA ANN HOLMES, A.B., Clarke College, 1958  
 YUEN-SAN LAI, A.B., Hollins College, 1958  
 AUDREY EVELYN MILLER, B.S., University of Rochester, 1959

*In City Planning*

- DONALD CLAY NEVILLE, B.S., 1957  
 CLIFTON MURRAY SMART, JR., B.Arch., Tulane University, 1956

*In Civil Engineering*

- ARGUN AFSAR, B.S., Robert College, 1959  
 TOSHINOBU AKAGI, B.Tech., University of Tokyo, 1957  
 RONALD EUGENE BUCKNAM, A.B., B.S., Tufts University, 1958, 1959  
 SAKDA BUNYASIRI, B.S., Chulalongkorn University, 1956  
 ALFREDO CARRIZOSA-GOMEZ, B.S., 1959  
 GEORGE ROBERT COOK, B.S., 1951  
 GUNNAR KETIL FOLKESTAD, B.S., University of Denver, 1959  
 EDGAR ALLAN GILBERT III, B.S., United States Military Academy, 1952  
 PHILLIP LOUIS GOULD, B.S., 1959  
 WILLIAM CHARLES GUSTAFSON, B.S., Illinois Institute of Technology, 1959  
 DAVID SHELDON HATCHER, B.S., University of Wyoming, 1953  
 GEORGE IGOR KOLOSOV, B.S., Illinois Institute of Technology, 1956  
 BYRON ARMIN MARKS, B.S., 1959  
 JOHN EDWARD MITCHELL, B.Eng., University of Southern California, 1952  
 VENKATACHARIAR SRINIVASAGOPALAN, B.S., University of Madras, 1949; B.Eng., M.S., Annamalai University, 1955, 1956

*In Commercial Teaching*

- DONALD LESLIE WHITED, A.B., Illinois College, 1958

*In Dairy Science*

- FRANK ALWIN VERLEY, B.S., University of Connecticut, 1959

*In Economics*

- ROGENE AUGUST BUCHHOLZ, B.S., North Central College, 1959  
 KARL REYNOLDS LASSETER, JR., B.S., 1952  
 CRAIG JOSEPH RICHMOND, A.B., Oberlin College, 1956

*In Education*

- JOHN DONALD PULLIAM, A.B., 1953

*In the Education of Mentally Handicapped Children*

- CLAUDE ALBERT RASHID, A.B., Bradley University, 1960

*In Electrical Engineering*

- ROBERT JACKSON BAIRD, B.S., 1959  
 PRAHLADA RAO BATNI, B.Eng., University of Mysore, 1941  
 LOWELL DUANE BATSON, B.S., 1959  
 HARRY EDWARD BROBERG, B.S., 1959  
 BOBBY GENE DAY, B.S., Texas Technological College, 1955  
 JON CARL GEALOW, B.S., 1959  
 GLYDE BREWER HANNAH, B.S., United States Naval Academy, 1945; B.S., M.S., United States Naval Postgraduate School, 1953, 1954  
 LOREN VERNE HART, B.S., United States Military Academy, 1954  
 TERRY LEE HEWITT, B.S., 1959  
 CHUNILAL PARMANAND JETHWA, B.Eng., University of Baroda, 1958  
 DONALD DENIS KAVANAGH, B.S., United States Military Academy, 1948  
 JOHN MALCOLM MACCALLUM, JR., B.S., Massachusetts Institute of Technology, 1948; M.S., United States Air Force Institute of Technology, 1955  
 JOHN MUNROE MACLEOD, B.S., University of Alberta, 1959  
 RICHARD HASKEL MARKS, B.S., 1959  
 HAROLD STETSON MERRILL, JR., B.E.E., Marquette University, 1957  
 KALLURI NAGARAJA NAIDU, B.Eng., University of Madras, 1954  
 R. NARAYANASAMY, B.Eng., University of Madras, 1956  
 CLARKE LEO NEAL, B.S., 1959

JAMES RICHARD PACE, B.S., 1959  
HERBERT GEORGE RAYMOND, B.E.E., Manhattan College, 1959  
GAUTAM LALBHAI SHAH, B.Eng., Gujarat University, 1958  
BERNARD GEORGE THOMPSON, B.S., 1959  
KENNETH ROY WEINER, B.S., Illinois Institute of Technology, 1959  
JAMES RUFUS WILSON, JR., B.Eng., Vanderbilt University, 1955  
YONG KU YI, Graduate, Republic of Korea Naval Academy, 1952

*In Entomology*

HARLAND WADE FOWLER, JR., B.S., University of Florida, 1953  
CAROL ANN MORGAN, B.S., Eastern Illinois University, 1958

*In Finance*

RONALD JAY GRAYHECK, B.S., 1959

*In Geology*

JARMO GEORG WILLIAM SODERMAN, A.B., Columbia University, 1957

*In Health Education*

DOREEN MERCIA BROWN, Diploma, University of Otago, 1955  
MILTON WALTER DEDEK, B.S., State University of New York Teachers College  
(Cortland), 1959  
MARY HELEN LEDER, B.S., Brooklyn College, 1958  
MAX MESSER, A.B., Hunter College of the City of New York, 1959

*In Home Economics*

IRMA PORCHAMAE BURKS, B.S., Alcorn Agricultural and Mechanical College, 1954  
SUSAN ANNE KELLEY, B.S., Iowa State College, 1956  
WILLYE J. LEWIS NOLLIE, B.S., Alcorn Agricultural and Mechanical College, 1951  
BARBARA PROVART PRICE, B.S., Southern Illinois University, 1957  
ELIZABETH STERRETT SNIVELY, B.S., Texas Technological College, 1940  
JOANN LATIMER TOLLETT, B.S., University of Arkansas, 1958

*In Home Economics Education*

ROSEMARY ANN BOWALD, B.S., Illinois State Normal University, 1955  
KATHRYN LOUISE DEHAVEN, B.S., Western Illinois University, 1956  
JO ANN ROBINSON, B.S., Western Illinois University, 1954; M.R.Ed., Northern  
Baptist Theological Seminary, 1958  
JANET FLORENCE TRACY, A.B., Baker University, 1959

*In Horticulture*

ALBERT EDWARD MURRAY, JR., B.S., Rutgers University, 1958

*In Journalism*

DANA FRANK KELLERMAN, B.S., Marquette University, 1957

*In Library Science*

ESIN SIRIN ATAMAN, Diploma, University of Ankara, 1959  
MARY CAROLINE ATTEBERY, B.S., Greenville College, 1957  
RUTH ELEANOR BIRKHEAD, A.B., Oberlin College, 1959  
IMOGENE IRIS CLARK BOOK, B.S., Southern Illinois University, 1946  
PATRICIA ALICE DABNEY, A.B., A.M., Southern Methodist University, 1957, 1960  
NICOLETTE EHERNBERGER, A.B., Webster College, 1955  
MARY JEAN EILERT, A.B., Wheaton College (Illinois), 1951  
BARBARA EILEEN EISENLOHR, A.B., Dickinson College, 1959  
LENORA PATRICIA ANN ELLIS, B.S., Illinois State Normal University, 1958  
PAULINE KINCADE GALBREATH, B.S., Eastern Illinois University, 1957  
WILLIAM WAYNE GARTON, A.B., Simpson College, 1959  
LENORE MARIE GLANZ, A.B., A.M., 1954, 1957  
WAYNE CARROLL GOAD, B.S., 1959  
RUTH CLAUDINE HORRELL, B.S., Southern Illinois University, 1952  
ANITA LEE WALDEN JACKSON, B.S., Indiana State Teachers College, 1955  
DONALD FRANKLIN JOYCE, A.B., Fisk University, 1957

CHARLES JACKSON LAW, A.B., Washington Missionary College, 1947  
 WILLIAM LAWRENCE MITCHELL, A.B., University of Kansas, 1959  
 WALTER DUNLAP MORRILL, A.B., Monmouth College, 1957  
 NILUFER FATMA NORMAN, Diploma, University of Ankara, 1959  
 LORENE EDNA PIXLEY, B.S., Eastern Illinois University, 1958  
 ARNE HJORT RICHARDS, A.B., Yankton College, 1954  
 RUSSELL CLARK ROBERTSON, A.B., University of California (Los Angeles), 1949  
 DANIEL LEE SMITH, B.S., Wabash College, 1950  
 CAROL ANDREWS SPAZIANI, A.B., University of California (Los Angeles), 1953  
 SARA LOUISE STROUD, A.B., B.S., North Carolina College, 1947, 1949  
 RUBY MAE TAYLOR, A.B., Southern Illinois University, 1951  
 LEILA FERN THOMPSON, A.B.(L.S.), George Washington University, 1936  
 JANICE MARILYN THORNTON, A.B., MacMurray College, 1959  
 HYMAN VINAR, B.S., St. Ambrose College, 1950  
 DIANNE WALKER, A.B., University of Texas, 1956  
 MARY LOUISE WALKER, A.B., Lake Erie College, 1948; A.M., 1949  
 JOSEPHINE MARIE WINNABERG, A.B., Luther College, 1950

#### *In Management*

JOHN PATRICK PHILLIPS, B.S., 1959  
 METIN MEHMET SABUNIS, A.B., Robert College, 1958

#### *In Marketing*

WILLIAM DALE BOUB, B.S., Kansas State Teachers College (Emporia), 1953  
 ROBERT LOUIS JOHNSON, A.B., Northwestern University, 1958  
 ROBERT NORTH MERRILL, B.S., 1958  
 JOHN EUGENE SHAFFER, B.S., 1959

#### *In Mathematics*

MARY ELIZABETH BLEWETT, B.S., 1959  
 MARVIN WILLARD GROSSMAN, A.B., Queens College, 1959  
 ERMA TIMKO LEICHTNER, A.B., St. Mary's College, 1957

#### *In Mechanical Engineering*

ASOK KUMAR DHOL, B.S., City College of Calcutta, 1952; B.M.E., College of Engineering and Technology (Bengal), 1954  
 YUAN HUANG, B.S., National Taiwan University, 1953  
 THOMAS JOSEPH KELLY, B.S., 1958  
 LEKHRAJ MANKANI, B.S., Banaras Hindu University, 1951; Diploma, University of Roorkee, 1959  
 RAVINDER NANDA, B.S., Banaras Hindu University, 1960  
 WILLIAM DALE NORVELL, B.S., United States Military Academy, 1955  
 BINDU MADHAVA BANDIATMAKUR RAO, B.S., Banaras Hindu University, 1952  
 JOE RIOS, B.S., University of Puerto Rico, 1957  
 M. R. SREEDHARAN NAIR, B.S., University of Kerala, 1958

#### *In Microbiology*

WILLIAM RODNEY WILEY, B.S., Tougaloo College, 1954

#### *In Mining Engineering*

RICHARD FREDERICK MAST, B.S., 1957  
 GUBBI RAJAGOPALACHAR RAMA GOPAL, B.S., University of Mysore, 1956

#### *In Music Education*

ALEJANDRA CUMAGUN ATABUG, B.Mus., University of Santo Tomas, 1951  
 ROBERT WILLIAM BEALS, B.S., Eastern Illinois University, 1957  
 JOAN ADELE BEHRENS, B.S., Greenville College, 1955  
 MARJORIE ALICE ROBERTSON BLAHOUS, B.S., 1959  
 JOYCE JOHNSON BOLDEN, A.B., Fisk University, 1953  
 BARBARA THOMAS BONNER, B.S., Southern University, 1950  
 MERVIN WENTZ BRITTON, B.S., 1955  
 ROBERT EARL BROWN, B.S., Olivet Nazarene College, 1956  
 ROBERT HAROLD BROWN, B.Mus., Oberlin College, 1959

PAUL DAVID FINNEY, B.S., 1956  
EUGENE WILBUR FOLLES, B.S., Olivet Nazarene College, 1957  
GEORGE WILLIAM GEIS, B.S., 1959  
DELORES JEAN GILLAN, B.S., 1954  
RUTH BOYD GUSTAFSON, B.Mus.Ed., North Central College, 1940  
MARY BALDWIN JONES, B.Mus.Ed., Indiana University, 1951  
LAWRENCE KATZ, B.F.A., Carnegie Institute of Technology, 1959  
DONALD ELMER KRAMER, B.Mus., Oklahoma City University, 1954  
MARGARET ELAINE LAROWE, B.S., 1955  
MARY ELIZABETH LUTZ, B.S., 1959  
ORESTE MICHI, B.S., 1939  
PAUL ALBERT PIZNER, B.S., 1955  
HAROLD EUGENE RAY, B.S., 1957  
FAITH JOYCE ROUBIK, B.S., 1958  
RALPH BAXTER SHUMAKER, JR., B.S., East Carolina College, 1958  
SISTER MARY VIRGINIA DARVEAUX, B.Mus., Fontbonne College, 1950  
SISTER THOMASINE IROSE, B.Mus., Fontbonne College, 1956  
ARTHUR GERALD STONE, B.S., 1957  
FRED ALVIN WICKSTROM, JR., B.S., Northwestern University, 1953  
WENDY YVONNE WILSON, B.Mus.Ed., B.Mus., University of Colorado, 1958, 1958  
PHILLIP WAYNE WINTERGERST, B.S., 1959

*In Nuclear Engineering*

THOMAS VAN CHANG TUNG, B.S., 1959

*In Physical Education*

CHARLES TAKESHI ARAKI, B.Ed., University of Hawaii, 1957  
DONALD EUGENE ARNOLD, B.S., Eastern Illinois University, 1959  
GEORGE ERNEST BOSSI, B.S., Springfield College, 1959  
CLEMENTINE PRUETT CLARK, B.S., 1952  
HELGA META DEUTSCH, A.B., Hunter College of the City of New York, 1959  
DOUGLAS JOHN GIBSON, B.S., Nebraska State Teachers College (Peru), 1958  
ROBERT ERNEST HERRON, A.B., The Queen's University of Belfast, 1958; Certificate, University of Nottingham Institute of Education, 1959; Diploma, Loughborough Training College, 1959  
LARRY G. HULCE, A.B., Albion College, 1959  
RICHARD KNIGHT JACKSON, JR., B.S., Murray State College, 1959  
LEON KAMAJIAN, B.S., 1956  
JAMES ALBERT LA CHAPPELLE, B.S., Winona State Teachers College, 1951  
GASTON ERNEST MARCOTTE, A.B., University of Ottawa, 1959  
ROBERT EARL MCCARTY, B.S., Winntenberg College, 1959  
ROBERT GEORGE MCKINNON, B.S., State University of New York Teachers College (Cortland), 1950  
JAMES ARTHUR MEYERS, B.S., 1952  
KENNETH RUE MILLER, B.S., 1954  
CHARLES JAMES RASMUSSEN, B.S., 1959  
DONALD GEORGE SAMMONS, B.S., 1955  
DONALD JAMES SANSERVINO, B.S., Drake University, 1957  
JAMES STUART SMITH, B.S., University of South Dakota, 1957  
EDGAR CHARLES-AUGUSTE THEORET, A.B., University of Montreal, 1957; A.B. (P.Ed.), University of Ottawa, 1959  
MILAN TRNKA, A.B., Syracuse University, 1956  
JACQUELINE SYLVIA WAGEMANN, B.S., Valparaiso University, 1959

*In Physics*

GEORGE ROBERT LEO, B.S., Wheaton College (Illinois), 1959  
JOHN WILLIAM PETERSON, B.S., Tufts University, 1953  
RICHARD EARL SCHWEMM, A.B., Amherst College, 1959  
VELLO SOOTS, A.B., University of Toronto, 1959  
CHARLES GUSTAVE STENBERG, B.S., 1959

*In Physiology*

JOHN ANTHONY NICOLETTE, A.B., Dartmouth College, 1956  
ROBERT JAY ROSENBERG, B.S., Roosevelt University, 1959

*In Plant Pathology*

DALE IVAN EDWARDS, B.S., Eastern Illinois University, 1956  
WILLIAM LEONARD HAGAN, B.S., 1959

*In Recreation*

JERRY DEE BURNAM, B.S., 1957  
HARRY RODNEY VALENTINE, B.S., Springfield College, 1958  
JOHN WAYNE WHITE, JR., A.B., University of Kansas, 1952

*In Speech Correction*

CARL DEAN FOGLE, B.S., Eastern Illinois University, 1958  
BEVERLY ARLENE BARNHART HERR, B.S., State Teachers College (Shippensburg, Pennsylvania), 1954  
BARBARA WILLIAMS HODSON, B.S., 1958  
THOMAS DOUGLAS JONES, A.B., Whittier College, 1947  
ROBERT GENE MEYER, B.S., 1950  
WILLIAM WAYNE MONKS, JR., A.B., Iowa State Teachers College, 1956  
ELEANOR RIGHTSEL MOSLEY, B.S., Indiana State Teachers College, 1953

*In the Teaching of the Biological Sciences and General Science*

FRANKLIN WETMORE BLYE, B.S., 1959  
ADOLPH FALLER III, A.B., Kenyon College, 1958  
KATHRYN MAXINE ROWLEY, B.S., Monmouth College, 1944  
ELIZABETH NETTLES THOMAS, A.B., Straight College of Dillard University, 1935;  
A.M., Xavier University, 1954  
NICK EARL ZENZEN, B.S., 1959

*In the Teaching of Chemistry*

FRANCIS STUART HARMON, JR., A.B., Princeton University, 1954

*In the Teaching of Mathematics*

MERRY LEWIS ALLEN, B.S., College of William and Mary, 1951; Ed.M., University of Virginia, 1955  
GENE BARRETT, B.S., Ohio University, 1951  
GEORGE EDWARD BLYLER, B.S., State Teachers College (Bloomsburg, Pennsylvania), 1952  
SYDNEY TILFORD CAMMenga, A.B., Calvin College, 1958  
CARL ONEAL DALTON, A.B., Northwestern College, 1952; M.S., University of Oregon, 1955  
GERALDINE CLAUDETTE DARDEN, B.S., Hampton Institute, 1957  
JOYCE ROBERTA DELCAMP, B.S., Pennsylvania State Teachers College (West Chester), 1956  
JOHN RICHARD DENNIS, B.S., Wittenberg College, 1958  
WILLIAM RAY EVERETT, B.S., Wittenberg College, 1954  
BARBARA ANN EVERT, B.S., Colorado State University, 1955  
JOHN FRANCIS FITZGERALD, B.S., St. Louis University, 1958  
VERNON EUGENE FRIESEN, A.B., Bethel College, 1953  
VIRGIE HERRIN FULLER, A.B., Berea College, 1943  
FRANK THOMAS GALLENSTEIN, B.S., A.M., Morehead State College, 1949, 1950  
MILDRED RICHMANN GAUSMAN, A.B., Hamline University, 1947  
ALICE GRAEDER, A.B., A.M., University of California (Berkeley), 1941, 1948  
MERLIN DONALD HALLE, B.S., Wisconsin State Teachers College (Oshkosh), 1950  
MARY VIRGINIA HEIER, B.S., Northern State Teachers College (South Dakota), 1956  
CARL LANE HENMAN, A.B., University of Missouri, 1955  
FRED MOBLEY HENRY, JR., B.S., Ed.M., University of Texas, 1955, 1957  
ROBERT WESLEY HESS, B.S., University of Wisconsin, 1953  
ROBERT LEO JOHNSON, JR., A.B., A.M., Colorado State College of Education, 1951, 1952  
JACK CLIFFORD KONKLIN, B.S., University of Oklahoma, 1957  
WILLIAM EUGENE LANE, A.B., Carthage College, 1954  
VIRGINIA MOSER LATSHAW, A.B., Pennsylvania State University, 1956  
RALPH RAYMOND LINDSTROM, B.S., Northern Michigan College of Education, 1957  
HARVEY ALLEN LUNDIN, A.B., Augsburg College, 1956

LEO WESLEY MANUEL, B.S., Kansas State College (Pittsburg), 1958  
 JAMES CLINTON MARTIN, B.S., M.S., Southern Illinois University, 1949, 1952  
 HAROLD GENE MCDANIEL, A.B., Park College, 1958  
 JAMES JOHN MEADERS, B.S., Midland College, 1941; A.M., Colorado State College of Education, 1952  
 GAIL JEAN HIVELY MOYZIS, B.S., 1957  
 VIRGINIA WILLIAMS MULLINS, B.S., Northeast Louisiana State College, 1956  
 WALTER ARTHUR PARSONS, A.B., Sacramento State College, 1952  
 VAUGHN JOSEPH PIPER, A.B., Manchester College, 1958  
 THEODORE ROOSEVELT PORTIS, B.S., Alabama State College, 1955  
 ROBERT WALTER PRIELIPP, B.S., Wisconsin State College (Stevens Point), 1958  
 JOSEPH ANTON RAAB, B.S., Wisconsin State College (Oshkosh), 1957  
 JOAN LANGE ROSS, A.B., Western Michigan College of Education, 1948  
 JOHN FRANCIS ROSS, A.B., Washington and Jefferson College, 1954; Ed.M., Duquesne University, 1958  
 SELMA LEONA RUBIN, B.S., Temple University, 1953  
 EDWIN THEODORE SCHULZ, JR., B.S., Northern Illinois University, 1957  
 SHIRLEY JEAN SCHWARTZ, B.S., Illinois State Normal University, 1956  
 SIGMUND ARNOLD SMITH, B.S., State University of New York College for Teachers (Albany), 1956; M.S., State University of New York Teachers College (Brookport), 1958  
 SYDNEY STEPHENS, JR., B.S., Eastern Kentucky State College, 1957  
 JOSEPH EARL VALENTINE, B.S., Southwest Missouri State College, 1958  
 HOWARD LEROY WILSON, A.B., Willamette University, 1954  
 RITA MAE WOLBERT, B.S., Marquette University, 1956  
 RUTH EIKO WONG, B.Ed., University of Hawaii, 1948

*In the Teaching of the Physical Sciences*

CLIFFORD PAUL JENSEN, B.S., 1958  
 RAYMOND GALE WILSON, B.S., 1958

*In Theoretical and Applied Mechanics*

NIKANDR SLAWOMIR CIOTH, B.S., 1958  
 DONALD WAYNE PFEIFER, B.S., 1959  
 RAYMOND ALFRED WILLEM, B.S., 1959

*In Veterinary Medical Science*

THOMAS EDWARD FRITZ, B.S., D.V.M., Michigan State University, 1955, 1957

*In Zoology*

BUCK DEAN NELSON, A.B., Central Michigan College, 1958

**Degree of Master of Music**

DAVID GEORGE DUNBAR, B.Sacred Mus., Canadian Nazarene College, 1956; B.S., Olivet Nazarene College, 1959  
 MARY RUTH HARTMAN, B.Mus., Indiana University, 1959  
 CLYDE SIMONS HISS, B.Mus., Baldwin-Wallace College, 1959  
 CAROL MAY McDUGALL, B.Mus., Syracuse University, 1959  
 SIDNEY MURRAY, B.Mus., 1960  
 THORKELL SIGURJORNSSON, A.B., Hamline University, 1959  
 OLLY WOODROW WILSON, JR., B.Mus., Washington University, 1959

**Degree of Master of Education**

JAMES RUSSELL ALDRIDGE, B.S., Southern Illinois University, 1956  
 BETTY DOSS ASHFORD, A.B., Harris Teachers College, 1957  
 RICHARD LEVERNE BARHAM, B.S., 1956  
 NORMA BARNES BEACH, B.S., Carthage College, 1954  
 VERNE DALE BEAR, B.S., Eastern Illinois University, 1954  
 BARBARA HOSTETTLER BEYER, B.S., Illinois State Normal University, 1957  
 RICHARD DOYLE BIBERSTINE, B.S., Th.B., Olivet Nazarene College, 1952, 1954; B.D., Nazarene Theological Seminary, 1957  
 ELLEN LOIS BLACK, A.B., Carthage College, 1950  
 VIRGINIA TRAPPE BLACK, B.S., 1939



- SAMUEL WILLIAMS BLISS, B.S., Eastern Illinois University, 1951  
ETHEL AMES BLYTHE, B.S., Eastern Illinois University, 1960  
THELMA WILLIAMS BOBO, B.S., Lincoln University, 1952  
ROBERT LEROY BOWSER, A.B., McKendree College, 1956  
CAROL JOYCE BRADFORD, B.S., Illinois State Normal University, 1957  
EVERETTE RALPH BRENINGMEYER, B.S., Eastern Illinois University, 1958  
JAMES RODNEY BRIM, B.S., 1952  
SANDRA BEUSHAUSEN BRITTON, B.S., 1957  
VIRGINIA MCGREW BROCHE, B.Mus., MacMurray College, 1955  
HELEN WREN BROWN, B.S., Tennessee State College, 1944  
DOROTHY ELLEN BURGESS, B.S., Taylor University, 1953  
VICTORIA WALLER BUTTON, B.S., Eastern Illinois University, 1955  
LEEDIO LEE CABUTTI, B.S., Southern Illinois University, 1948  
MAURINE JOHNSON CADDY, A.B., 1931  
DOUGLAS CRAIG CAMPBELL, B.S., Lewis and Clark College, 1957  
MARY ESTHER CARRIDINE, A.B., Central State College (Ohio), 1954  
ROBERT LOUIS CIOTA, B.S., Illinois State Normal University, 1957  
JAMES ALDEN CLARK, B.S., Illinois Wesleyan University, 1958  
MARJORIE REDMAN CLEAVES, B.Ed., Western Illinois University, 1953  
HERBERT WALTER CLUTTS, B.S., Southern Illinois University, 1952  
ERNEST RAYMOND COLE, B.S., Eastern Illinois University, 1950  
FLOYD HENRY CORL, B.S., Northern Illinois University, 1946  
BETTY OAKES CORNISH, B.Ed., Northern Illinois University, 1940  
LORRAINE PETERSON DEAN, A.B., Iowa State Teachers College, 1943  
JULIET SCARDACCIONE DELANO, A.B., Hunter College of the City of New York, 1946  
CHARLES LUDWIG DUE, B.S., 1957  
RUTH WEIGLE DUMBAUGH, B.S., 1958  
ERMA JEAN EDWARDS, B.S., Eastern Illinois University, 1953  
NADINE MCKINLEY EWING, A.B., Wartburg College, 1935  
MARY CHRISTINE FELTY, B.S., Southern Illinois University, 1958  
HELEN ANNE FLEWELLYN, B.S., 1959  
DALE WENDAL FOSTER, B.S., 1956  
HARRY JAMES FRANCK, JR., A.B., Augustana College, 1957  
WILLIAM TAYLOR GILKEY, A.B., Ripon College, 1940  
MILDRED MAE GILMORE, B.S., Bradley University, 1938  
BARBARA ANN GOODWIN, B.S., Indiana University, 1957  
EMMA PHIPPS GORMAN, B.S., Alcorn Agricultural and Mechanical College, 1955  
CLIFFORD DEAN GUTHRIE, A.B., 1951  
CATHERINE AILEEN HAGELE, B.S., 1940  
LORRAINE HOPKINS HARDING, B.S., 1959  
GEORGE EDWARD HAST, B.S., 1956  
JANE PRICHARD HEDGE, B.S., Indiana University, 1957  
JOHN ALVIN HENRIKSEN, A.B., Augustana College, 1951  
BARBARA WOLFORD HENSLEY, B.S., Illinois Wesleyan University, 1951  
THEODORE WALLACE HIPPLE, B.S., Northern Illinois University, 1957  
EVA CUMA HONN, B.S., Eastern Illinois University, 1957  
JOANN ROSE HORKY, B.S., Illinois State Normal University, 1955  
DONALD LEE HOWARD, B.S., Illinois State Normal University, 1957  
HAROLD DEAN HUBER, B.S., 1953  
HOWARD DOUGLAS HUDSON, JR., B.S., Agricultural, Mechanical, and Normal College (Arkansas), 1954  
MARGARET GEDDES HUTTON, B.S., Illinois State Normal University, 1945  
GORDON WILLIAM JOHNSON, A.B., 1953  
HELEN COURTNEY JOHNSON, A.B., St. Ambrose College, 1956  
INA JOYCE JOHNSON, B.S., Eastern Illinois University, 1951  
RUTH CANNON KEARNS, A.B., Clarke College, 1932  
ANN LUCILLE KEMENA, B.S., 1944  
MARY VIRGINIA KIRBY, B.S., Indiana State Teachers College, 1930  
EDWIN FREDERICK KOENIG, B.S., 1932  
GEORGENE NAKARI KREGER, B.S., University of Minnesota, 1955  
ETHEL BULGER KUMLER, B.S., Illinois State Normal University, 1956  
HARRY THOMAS LASHMET, JR., B.S., 1952  
MARIE RUSH LAWSON, B.S., Tuskegee Institute, 1950  
PAUL MARVIN LERNER, B.S., 1959

- MARGARET MARAS LLOYD, A.B., 1939  
THEODORE FRANKLIN LONG, B.S., Illinois State Normal University, 1954  
DUANE LUVERNE LOVESTRAND, B.S., Bradley University, 1956  
CLARENCE MALCOLM, JR., B.S., Washington University, 1958  
ELMA HUBBARD MARDIS, B.S., LeMoyne College, 1952  
WILLIAM GLENN MATLACK, B.S., Western Illinois University, 1957  
ALBERT J. MCHENRY, B.Ed., Eastern Illinois University, 1940  
VIRGIL FRANKLIN MCKITRICK, B.S., 1939  
MARY JANE MEREDITH, A.B., Monmouth College, 1951  
RUTH THOMPSON MEYERS, A.B., Northwestern University, 1936  
ALVIN JACKSON MICHELL, B.S., Northern Illinois University, 1950  
EVELYN PAULINE MINTUN, B.S., 1959  
MOTI KUNDANDAS MOOLANI, B.S., University of Bombay, 1950; M.S., University of Poona, 1951  
PATRICIA JULIA MOORE, A.B., Harris Teachers College, 1955  
ROBERT WESLEY NELSON, B.S., Jackson College, 1952  
MARY INEZ O'MEARA, B.S., Washington University, 1946  
HARRIS JAMES PEARSON, B.S., Missouri Valley College, 1955  
PHYLLIS SABEN PENCE, B.S., 1932  
JOYCE MARLENE PERRY, A.B., University of Michigan, 1955  
JOHN WALTER PHILLIPS, B.S., 1939  
OLVA HESTER PHILLIPS, B.S., Kansas State College (Emporia), 1956  
DEAN CHARLES PIEPER, B.S., Illinois State Normal University, 1951  
GEORGENE G. SMITH PIKORN, B.S., 1958  
ELAINE MECHALAS POLIZOS, B.S., 1952  
MARGERY EDITH RASMUSSEN, B.S., Illinois Wesleyan University, 1946  
JAMES LECIAL RAYMER, B.S., Southern Illinois University, 1955  
KENNETH EUGENE ROBBINS, B.S., Illinois State Normal University, 1956  
LEONARD DEAN ROBERTS, B.S., 1958  
HERBERT EARL RODGERS, B.S., 1956  
SAMUEL ROSEN, B.S., Northern Illinois University, 1957  
GEORGE DEE ROTH, B.S., 1957  
WANDA VOGEL RUYLE, B.S., 1956  
ANN JANET STINE SCHMIDT, B.S., Maryland State Teachers College, 1955  
MARY ELIZABETH SCHNOBRICH, B.S., 1959  
DURWARD LOUIS SCHUETZ, B.S., Illinois State Normal University, 1953  
DONALD GENE WARD SCHUTTE, A.B., 1957  
JOHN WARD SCOTT, A.B., North Central College, 1951  
ROBERT GENE SEALS, B.S., Western Illinois University, 1958  
WILLIAM EDWARD SEXTON, B.S., Eastern Kentucky State College, 1957  
CURTIS M. SHARP, Ph.B., Illinois Wesleyan University, 1954  
JOHN DAVID SHIELDS, B.S., Southern Illinois University, 1953  
DONALD GEORGE SIMPSON, A.B., McKendree College, 1958  
SISTER CELESTE ODORIZZI, A.B., Fontbonne College, 1954  
SISTER MARY ANDREW WOLF, B.S., De Paul University, 1952  
SISTER MARY DANIEL COMMERFORD, B.S., De Paul University, 1950  
ANNE FLINT SLUDER, B.S., 1950  
HELEN SPANGLER SMITH, B.Ed., Western Illinois University, 1942  
EARL EUGENE SNACK, B.S., Eastern Illinois University, 1953  
WILLIAM R. SNEDECOR, B.S., Texas Christian University, 1951  
FRANCIS EDWARD SOMERS, Ph.B., Illinois Wesleyan University, 1950  
ROSEMARY SPENCE, B.S., Illinois State Normal University, 1957  
RICHARD WALTER STANOWSKI, B.S., Northwestern University, 1950  
FRANCES DONALD STOTTS, A.B., Augustana College, 1952  
JOHN ELMER TERWILLIGER, B.S., 1958  
BRUCE THACKER, B.S., Eastern Kentucky State College, 1956  
ROY VERNON THOMAS, B.S., Southeast Missouri State College, 1957  
CHARLES LEWIS THOMPSON, B.S., 1958  
MARGIE ANN TIFFANY, B.S., Illinois State Normal University, 1944  
OMER MORRIS TOBIAS, JR., B.S., Eastern Illinois University, 1948  
CHARLES EDWIN TURNER, A.B., McKendree College, 1958  
VIOLET MERLDEAN TYLER, B.S., Southern Illinois University, 1953  
LEWIS WAYNE UHRICH, B.S., Illinois State Normal University, 1957  
NANCY MARIE VEDRAL, A.B., Marycrest College, 1957

RUTH ANNA WAGNER, B.S., 1956  
 JAMES MITCHEL WALSH, B.S., Southwest Missouri State College, 1949  
 CHLOE LARETTA WALTON, B.Ed., Eastern Illinois University, 1942  
 SUSIE SKINNER WARD, A.B., Roosevelt University, 1949  
 JOHN JOSEPH WARMBRODT, B.S., Lincoln University, 1957  
 EVA ARELENE WASEM, B.Ed., Southern Illinois University, 1931  
 CAROL JEAN WEIDNER, B.S., Illinois State Normal University, 1957  
 EMIL FREDERICK WILLIAMS, A.B., McKendree College, 1957  
 JAMES THOMAS WILSON, B.S., Southern Illinois University, 1954  
 CLIFFORD CHRISTIAN YODER, B.S., Oklahoma Agricultural and Mechanical College, 1952

#### Degree of Master of Fine Arts

##### *In Landscape Architecture*

CHARLES OLIVER BROWN, B.S., Pennsylvania State University, 1958  
 KRISHAN LAL DATTA, Diploma, Sir J.J. School of Art (Bombay), 1954  
 THOMAS CALVIN HAZLETT, A.B., College of Wooster, 1950; B.S., Michigan State University, 1955

##### *In Painting and Printmaking*

CAROLEE SCHNEEMANN, A.B., Bard College, 1956  
 ALAN LOUIS STACELL, B.F.A., 1955  
 LAWRENCE MARVIN WILLIAMS, B.F.A., Kansas City Art Institute and School of Design, 1958

#### Degree of Master of Architecture

JOHN FREDERICK BRAY, A.B., Certificate, Diploma, University of Manchester, 1956, 1956, 1957  
 WEN-LONG CHEN, B.S., Taiwan Provincial Cheng Kung University, 1955  
 HARLYN ELWOOD THOMPSON, B.Arch., North Dakota Agricultural College, 1956  
 EARL ROY WARDRUM, B.Arch., 1957

#### Degree of Master of Accounting Science

MARY KATHLEEN FAHRNKOPF, B.S., 1958  
 EARL LARSEN KESLER, B.S., 1955

#### Degree of Master of Commerce

LAWRENCE ALLEN BAGGERLY, B.S., 1959  
 EDWARD GERARD ENNIS, B.S., Stonehill College, 1955  
 ELMER CHARLES MAY, B.S., 1959

#### Advanced Certificate

##### *In Education*

BERTHA CLARA BERNS, B.S., M.S., 1941, 1946  
 ROBERT CLYDE BIERMA, A.B., Blackburn College, 1952; A.M., Washington University, 1956  
 PATTI VIVIAN BOLIN, A.B., B.S., Western Kentucky State College, 1928, 1931; A.M., University of Kentucky, 1938  
 MARY LOU CARRICO, B.S., Eastern Illinois University, 1952; Ed.M., 1955  
 FERNE SCHOMBURG CROUSE, B.S., A.M., 1949, 1951  
 HAZLE MILLER DANNER, B.S., Illinois State Normal University, 1952; M.S., Indiana State Teachers College, 1954  
 JOE MORRIS HIGGINS, B.Ed., M.S., Southern Illinois University, 1940, 1956  
 MABEL REDMAN JORDAN, B.S., Ed.M., 1952, 1954  
 LINDA MATTA ABDEL-MALEK MATHEWS, A.B., Cairo University, 1952; Ed.M., University of Buffalo, 1958  
 WARREN TAYLOR PAGE, JR., B.Ed., Western Illinois University, 1941; M.S., 1949  
 FRANCIS FLEMING PANKEY, B.S., Eastern Illinois University, 1950; M.S., Western Illinois University, 1955  
 HAROLD WILLIAM PENSTONE, A.B., Culver-Stockton College, 1951; M.S., Illinois State Normal University, 1955  
 BHATRA PRADITHAVANIJ, B.Ed., Chulalongkorn University, 1956; Ed.M., 1959  
 ALVIN WILLIAM QUINN, B.S., Ed.M., 1947, 1957

FREDERICK REED, B.S., M.S., Millikin University, 1951, 1958

ROBERT JAMES STEIN, B.S., M.S., 1954, 1955

ESTELLA PAULINE CROWLEY VOELCKER, B.S., M.S., 1939, 1947

MARGARET LONG WARD, B.S., Indiana State Teachers College, 1951; Ed.M., 1956

*In Music Education*

RAMON EVERALD LACOSTE, B.Mus., M.Mus., Illinois Wesleyan University, 1950, 1951

**COLLEGE OF AGRICULTURE**

**Degree of Bachelor of Science**

*In Agriculture*

RICHARD ALLAN ALMQUIST

JOHN RAYMOND BRUCKER

ROBERT EDWARD GANT

RICHARD JACQUES GREEN

JAMES PAUL HART

ROBERT LEE HENSON

DALE RAY HICKS

EDMUND FREDERICK JANSEN, JR.,

Honors

RONALD ADNEY KOLLMAN

ARMIN EBERHARD KURZ

JAMES CALVIN MANUEL

DALE EDWIN MCBETH

JOHN ROGER OLSON

HARRY ERNEST REMMERS

ROBERT GEORGE SHISSLER

JOHN THOMAS SMITH

JAMES JOHN WABOL

*In Food Technology*

ROBERT THOMAS ANDERSEN

DEAN ANDREW BODNAR

*In Home Economics*

PATSYMAE HELEN EATON

VIDA MARIJA JUCAS

MARGOT FREY NOLL

NANCY ELLEN VEACH

*In Home Economics Education*

DONNA MILLER SHUFORD

**COLLEGE OF ENGINEERING**

**Degree of Bachelor of Science**

*In Aeronautical Engineering*

RONALD PAUL BANAS

RICKARD MAROLD BLOMGREN

*In Agricultural Engineering*

HARRY ERNEST REMMERS

WILLIAM LORENZ SCHUBERT

STEPHEN CHARLES WOOD

*In Ceramic Engineering*

DEWAINE SEETS

*In Civil Engineering*

HAROLD JOSEPH ABRAMOWSKI

HAROLD LEE AHLBERG, High Honors

LESTER DUANE BACON

JAMES PAUL BIGGEES

JOHN ROBERT BOLDEN

DONALD MARK CARLSON, Honors

ROLF DEMOLL

RICHARD ALLEN DROGEMULLER

PHILIP EMMANUEL FARIA, Honors

JOHN MARK HEALY, High Honors

LEE CONRAD HERWIG, JR.

GERALD CHARLES HOFF

LEONARD CASIMIR KORZEN

DAVID HAROLD PAONI

VLADISLAV PRIETO SANTOS, Honors

NORMAN CLEMENT RIORDAN

ROBERT STEPHEN SCHAEFER, Honors

ROGER GEORGE SCHNOOR

HISHAM RASHID TABARI

TIN TUN

GERMÁN URDANETA-HERNÁNDEZ

RANDALL SCOTT VAN DYKE

WALTER FRANCIS VEGRZYN

RICHARD FRANK WALLACE

GUILLERMO YEPES MAYA

*In Electrical Engineering*

ARTHUR WILLIAM ALDRIDGE, JR.

PETE G. ANGELOPOULOS

AUGUSTO BERNAL JIMENEZ

GERALD LORING BOWES

JAMES DANIEL CENTANNI

HERBERT YU-PANG CHANG

DONALD WILLIAM DARLING, Honors  
 ROBERT WILLIAM EUSTICE  
 JAMES YUKIO FUJITANI  
 FRANCIS EDGAR GREELEY, JR., Honors  
 WILLIAM ELDER HAMMER  
 WILLIAM MICHAEL HENEBRY  
 JOHN CODY HOLMQUEST  
 RICHARD SCOTT HOPPOUGH  
 DICK TSING-PING HSU  
 PETE KONIDARIS  
 ROBERT CHARLES KRAMP  
 BILL KAYE LANGFORD  
 RAYMOND JOHN LATCHFORD  
 ROGER DEAN LILLY

LOUIS MATTHEW LUTOSTANSKI  
 HERNANDO MEDELLIN FORERO  
 JOHN EVERETT MEECE  
 ROBERT CARL MURDOCK  
 ALLAN ALBERT NOSTWICK  
 CLIVE JOSEPH REINWALD  
 SEGUNDO MARCELINO RUBIANO MORENO  
 LEONARD EUGENE SMITH  
 EDMUND CHARLES STANWICH  
 CARYL A. THORN  
 JOHN RAY THURBER  
 ALBAN MARTIN WOLIN  
 GARY LEW WRIGHT

#### *In Engineering Physics*

EDWARD LOUIS GIESZELMANN  
 THOMAS ERWIN GODFREY  
 LESLIE ALFORD HORVE  
 RICHARD CHARLES KREEGER

ELIO MARZULLO  
 NAHUM RAND  
 JOHN WILLARD SWANSON, JR.

#### *In General Engineering*

DAVID ALLEN BROWNLEE  
 WILLIAM ALBERT GUETSCHOW, JR.  
 RUSSELL JOHN HURLIMAN  
 VINCENT CHARLES MANDARINO

JULIUS EDWIN MONGE  
 LARRY ELLIOT SHPNER  
 CLINTON GEORGE TOWNE  
 WILLIAM CHARLES TUTTLE

#### *In Industrial Engineering*

JOHN MICHAEL DELANEY  
 ANIBAL OSORIO SILVA

LEON ROBERT ZETER

#### *In Mechanical Engineering*

DAVID STUART ANDERSON  
 CHARLES LEE GRANDE BADGER  
 WILLIAM CLAUS BIALLAS  
 JOHN ARTHUR BRONSON  
 LEHEL DE KRIVATSY  
 ROBERT JAMES GEISER  
 MICHAEL EDWARD GRANT  
 RONALD JACK HAKY  
 ROBERT EDWARD HOLTZ, Honors  
 JAMES ARTHUR JOHNSON, JR.

DEAN JAMES KUEHL, High Honors  
 JAMES WILLIAM MAUCK  
 DAN BRUCE McVICKAR  
 DONALD RAY MUSICK  
 WILLIAM RUSSELL PATTON  
 VICTOR PAUPERAS  
 ROBERT EDWARD ROMAN  
 RICHARD ANTHONY SEILHEIMER  
 NED BARCLAY WHEELER

#### *In Metallurgical Engineering*

THOMAS LINK FOLLENSBEE

ELDON ARTHUR MATTICK

### COLLEGE OF LIBERAL ARTS AND SCIENCES

#### Degree of Bachelor of Arts

##### *In Liberal Arts and Sciences*

LAWRENCE WARD AGNEW, JR., Honors  
 in Liberal Arts and Sciences  
 EDWARD LEON ANDERSON  
 ROBERT LAWRENCE ANDRESEN  
 ROBERT WILLIAM BACKOFF, Honors in  
 Liberal Arts and Sciences with  
 Distinction in Political Science  
 MARY ANN BEAUCHAMP  
 DAVID SPRINGER BOGE  
 DANIEL WILLIAM BOONE  
 DAVID FREDERICK BROWN  
 MARJORIE ANN BUELL  
 PRATHER LEROY COOPER  
 NED NATHANIEL COWAN, Honors in  
 Liberal Arts and Sciences

ROGER HAL DAVIS  
 JOSEPH CHAUNCEY FRANCIS DEPEW  
 EUGENE BARRY DINKIN  
 HERBERT EISEMAN  
 CHESTER GEORGE ELIAS, JR.  
 THOMAS DUDLEY FERGUSON  
 SAMUEL HOUSTON GORE  
 PATRICIA ERNESTINE GREGANTI  
 RONALD JACK HAKY, Honors in Liberal  
 Arts and Sciences  
 TERRY ORVILLE HELMICH  
 RICHARD SAUL HOLLOBOW  
 LAWRENCE KAYTON, Honors in Liberal  
 Arts and Sciences  
 LINDA JEAN KOHN

BRUCE WILLIAM KUSS  
 NORRIS CARTER LARSON  
 PATRICIA GERRITY MELKA  
 HARRIET MARGIE MERLANDER  
 MARIE MINNIE MITCHELL  
 ROBERT LLOYD MORGAN, Honors in Liberal Arts and Sciences with Distinction in Political Science  
 LYNN STADELMAN MURPHY  
 LENOR GUSTAFSON NICHOLS  
 MILAN G. OKLEPEK  
 INGRID BAERBEL PETTY  
 DARRYL JOHN PIROK  
 JORGE PRATS-MARTI  
 ROBERT MARTIN RICH  
 LARRY KEITH RICHARDS, Honors in Liberal Arts and Sciences

ELIZABETH JOAN ROBERTS, Honors in Liberal Arts and Sciences  
 RICHARD JAMES RUSSELL  
 WALTER MILTON SCHRAMM  
 LEAH SCHROTBERGER SCHROEDER, Honors in Liberal Arts and Sciences with Highest Distinction in History  
 RAYMOND LEON SCHROEDER  
 GAYLE BREUKER SOMMERFELD  
 MARTIN SOMMERFIELD  
 EDWIN JOHN STEINAM, JR.  
 BRUCE WARREN STRAUSBERG  
 DAVID PAUL TABOR  
 SANDRA LEHMAN TUNG, Honors in Liberal Arts and Sciences  
 PATRICIA HAGER WALL  
 STEPHEN HUGHES WILLIAMS

*In the Teaching of English*

BARBARA ELIZABETH BARNES, Honors in Liberal Arts and Sciences  
 JENNIE LOU BOSTON  
 PATRICIA ANN CROSS

FRANK PETER GOODMAN  
 JUNE ANN HUTCHCRAFT  
 ELAINE ROSE SCHINDEL  
 JANET CAROLE SCHMIDT

*In the Teaching of Social Studies*

SANDRA SELLERS KIONKA

EDWARD ANDREW LOUGHMILLER

*In the Teaching of Spanish*

MARGARET MARY KRIEGE, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

PATRICIA ALLEN LANNON, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

**Degree of Bachelor of Science**

*In Chemical Engineering*

SEYMOUR AARON BROWN  
 ANTON JOHN CAROLLO  
 ROBERT BRUCE HUSTON, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

JAMES OLIVER LOVE, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum  
 THOMAS FRANK TROUSIL  
 DARSHANLAL TILAKCHAND WASAN

*In Chemistry*

TOBY MARSHALL CHAPMAN, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

JOHN WILLIAM DIXON KAY  
 THOMAS MICHAEL KRIGAS  
 JUDITH ANN OGNIBENE

*In Home Economics*

BERNADINE COLEMAN THOMAS

*In Liberal Arts and Sciences*

NEIL STUART AGRUSS, Honors in Liberal Arts and Sciences  
 JACK LEROY ARCHER  
 IRWIN LIONEL BLISS  
 MARILYN JEAN DAY  
 ROBERT ANTHONY DEFILIPPS  
 DIAMOND DONALD DETTORE  
 PAUL JOHN DURAND  
 DONALD EUGENE ETTER  
 ARNOLD BURTON GRAUER, Honors in Liberal Arts and Sciences  
 JOHN WILLIAM HAWKINS  
 DANIEL JOSEPH HERMAN, Honors in Liberal Arts and Sciences

JON IRWIN ISENBERG  
 JERROLD MARVIN KAPLAN, Honors in Liberal Arts and Sciences  
 ATILLA KAPRALI  
 MARSHALL RICHARD KESSLER  
 CHARLES EDWARD KUNDE  
 DONALD ALVIN LEVIN, Honors in Liberal Arts and Sciences with High Distinction in Botany  
 MICHAEL PAUL LIPSICH, Honors in Liberal Arts and Sciences  
 PHILLIP MARVIN LOEB  
 MICHAEL THOMAS LUKERT

KEITH RICHARD MCCLOSKEY, Honors in  
Liberal Arts and Sciences with  
Highest Distinction in Chemistry  
CHARLES EDWARD PFLUM  
JAMES CALVIN REID  
DAVID LEIFF ROSEMAN

WILLIAM EUGENE STEWART  
MELVYN GARY VORONOFF  
JOHN DANA WELCH  
JOSEPH ALPHONSE ZALAR  
RONALD KEITH ZIMMERMAN

*In Speech Correction*

MARGARET BESSEY HYINK

*In the Teaching of the Biological Sciences and General Science*

RICHARD JOSEPH KAMPWIRTH, Honors in Liberal Arts and Sciences

*In the Teaching of Geography*

VIVIAN BEELER, JR.

*In the Teaching of Mathematics*

MILTON BINS

LINDA ARGENTINA CORDOGIAN, Honors  
in Liberal Arts and Sciences with  
Distinction in the Curriculum

JUDITH ANN DELP, Honors in Liberal  
Arts and Sciences with Highest  
Distinction in the Curriculum

EMANUEL HURWITZ, Honors in Liberal  
Arts and Sciences  
ROBERT WILLIAM KUKLA

**COLLEGE OF LAW**

**Degree of Bachelor of Laws**

GERALD LEE BOYD, B.S., University of  
Kansas, 1953  
JAMES EDWARD CRAWFORD, A.B., 1956

THOMAS MICHAEL LAMKIN, B.S., 1959  
JAMES T. OYAMA, B.S., University of  
Denver, 1958

**COLLEGE OF EDUCATION**

**Degree of Bachelor of Science**

*In Education*

ROBERT ALAN DOEPP, Honors  
ROBERT ECHT

FAYE GREEN RESLER  
FREDA KITTINGER SHADOWEN

*In the Education of Mentally Handicapped Children*

JUDITH DENTON KAY

*In Elementary Education*

LYNN ELLEN BELL, High Honors  
ROSEMARY TANKERSLEY DOUTHIT  
NANCEE CLARK FINNEY  
SANDRA DAVITA GOLTER, Honors  
SONDRA STRONG GULLETT  
SUSIE HODGSON HAYES  
KATHRYN SILSBY JOHNSON  
MYRA STEPHENS JONES

INA HARRIET KAPLAN  
DIANE BURDICK OLSON  
SAMUEL SMITH ROMINE  
JANICE ELISE SCRIBANO  
ADA RUTH SHEURING  
MYRTLE WILLIAMS SILVA  
JANET ALMA WALBERG  
BARBARA ANN WORTHINGTON

*In Industrial Education*

ELDON WAYNE DAMERON

STANLEY EUGENE PUGH

**COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**

**Degree of Bachelor of Science**

*In Accountancy*

TOMMY J. BRINKERHOFF, High Honors  
DONALD JULIAN BRUMLIK  
MYRON ARTHUR CARPENTER  
STEPHEN JOEL COHEN  
HAROLD FINKELSTEIN

DONALD FRANCIS FRANA  
JAMES WILLIAM FRANCISSEN  
HERBERT CHARLES GOLDMAN  
CHARLES WILSON HINTON  
LAWRENCE WALTER MARSHALL, JR.

THOMAS RICHARD MCGLENN  
 WILLIAM JOHN MCVITTIE  
 ROBERT RAY MILLER  
 NEIL MARTIN RICHTER  
 EUGENE RAPHAEL SNYDERS

KENNETH ALFRED STICKEL  
 DONALD WARREN SWANSON  
 LARRY LEON TROUTMAN  
 CARL LEONARD WIGGINS

*In Commerce and Law*

FRANKLIN DAVIS GARRISON, JR.

VANCE IVAN KEPLEY

*In Economics*

ROBERT ANTHONY RZONCA

*In Finance*

RONALD KATZ FELLHEIMER  
 JOHN MICHAEL LYNCH

LARRY GENE SHOWLEY  
 JAMES PAUL STAES

*In Industrial Administration*

MICHAEL VINCENT HIPPLER  
 DONALD JEROME MUCHA  
 STANLEY PAUL SKLAR

ROBERT STEVEN STEIGER  
 RONALD EUGENE TEMPLE

*In Management*

LAVERN WAYNE ALTEMEYER  
 WALTER IGNATIUS DUBEK  
 ANDREW JEROME ROCHELLES  
 LOWELL DEAN SCHMIDT

JERRY LEE STOUT  
 HAROLD JUNJI TOKUJO  
 RICHARD LEE WELLEK

*In Marketing*

WILLIAM LAWRENCE BLAKE, JR.  
 DAVID SMITH BUYHER  
 WILLIAM ROGER CARLSON  
 ROBERT GEORGE DES FORGES  
 THOMAS PATRICK DOLAN

WILLIAM ARTHUR GRANDA  
 THOMAS PETER LACKOVIC  
 KEITH MILLER, High Honors  
 PAUL GEORGE NEUHAUSER  
 JOHN JOSEPH PAWLUS

*In Secretarial Training*

MADA ANN BEAUCHAMP

*In Urban Land Economics*

HAROLD CURTIS PLAUTZ

**COLLEGE OF JOURNALISM AND COMMUNICATIONS**

**Degree of Bachelor of Science**

*In Communications*

JESSE WILLIAM BARR  
 JOSEPH THOMAS BARTULIS  
 PATRICIA ANNE TIEDJE CRANDALL  
 STEVEN WELLS MENGLER

DONALD MARVIN MOYER  
 CHARLES GEORGE PETTIT  
 MAXINE MARSHA POSLOSKY  
 PATRICIA ALMA ROLLINS

**COLLEGE OF FINE AND APPLIED ARTS**

**Degree of Bachelor of Architecture**

VYTAUTAS BALZARAS  
 RODNEY MARCUS COENEN, High  
 Honors  
 MARTIN HANNIBAL GINOCCHIO

FRANK JOHN MOULIS  
 WILLIAM POULOS  
 JAMES DEAN STILLWELL

**Degree of Bachelor of Fine Arts**

*In Advertising Design*

WILLIAM ERNEST ARLOFF  
 KENNETH LOUIS SCHAEFER

ZVENYSLAVA KATHERINE VYTANOVYCH

*In Art Education*

BLANCHE LOUISE CAMPAGNONI  
 BARBARA GITLER GOLDSMITH  
 SUSAN IELER NELSON  
 MARGARET SHERWIN PHILIPPSON,  
 High Honors

PATRICIA SCHMITT TAYLOR  
 LOIS JOY TIMKO, High Honors  
 MARION CAROL WOGNUM, Honors



*In Industrial Design*

WILLIAM JOSEPH ARMSTRONG  
 ROBERT WILLIAM CARLTON  
 RICHARD LYNN CRAIG  
 ROBERT WARREN DOWNS, Honors

WILLIAM MICHAEL ENGLAND  
 RAYMOND HOWARD PITTMAN  
 JOHN EDWARD THOMSON, High  
 Honors

*In Landscape Architecture*

BRIAN GENE WITTENKELLER

*In Painting*

THANE ROCKWELL HALSTEAD, JR.

**Degree of Bachelor of Science***In City Planning*

KENNETH HOWARD FRITZ

*In Music Education*

GEORGE NEWTON HUFFMAN  
 GEORGE ALLYN KENT

SISTER MARY BENEDICT BUTLER,  
 High Honors

**COLLEGE OF PHYSICAL EDUCATION****Degree of Bachelor of Science***In Physical Education*

RUTH ELLEN HADLER

*In Recreation*

HENRY LLEWELLYN CHAPMAN  
 BONNIE MARIE DALLMAN  
 ALVIN WILLIAM TOLLE

HELEN SUE WITTENBORN  
 JACQUELINE JEANNE WOLF

**DIVISION OF SPECIAL SERVICES FOR WAR VETERANS****Degree of Bachelor of Science**

DAVID ALAN CASTEEL  
 DONALD WAYNE COLAW  
 LAMONTE CURTIS CORUM  
 VIRGIL RAY CRANDALL  
 CHARLES ARTHUR EKLUND  
 JAMES WILSON FRYE

CARROLL EDWARD GAMMILL  
 ROBERT GEORGE NOTMAN  
 WILLIAM LEE SCHWAKE  
 JOSEPH WELLS SKEHEN  
 GARY OGBURN TALLY  
 BERNARD KEITH WILLIAMS

*Degrees Conferred at Chicago***COLLEGE OF DENTISTRY****Degree of Bachelor of Science in Dentistry**

(Conferred June 10, 1960)

BEN DICK ALLISON, A.B., Taylor  
 University, 1957  
 MAX LEE BOTTRELL  
 EUGENE THOMAS BUCINA  
 STEPHEN JEROME COLE  
 JOHN FRANCIS DALTON  
 MARSHALL M. DOLNICK  
 THOMAS DANIEL DOWNEY, A.B.,  
 St. Ambrose College, 1953  
 JOHN LARSON ELLIOTT, A.B., 1955  
 GEORGE OLIVER FOSTER  
 ROBERT ZANE FOX, B.S., 1957  
 JEREMY SAUL GOLDBERG  
 JOEL STUART GOLDBERG  
 ARNOLD WARREN GORCHOW  
 ROLF LEOPOLD GROSS, B.S., Loyola  
 University, 1955

MARSHALL BARTON GRUNWALD  
 BRUCE MORGAN HEFLIN  
 DAVID H. HERZON  
 RICHARD DONALD HESS, A.B., Knox  
 College, 1958  
 RAY ERVIN HOLLOWAY  
 DAVID GERARD IMM  
 EDWIN THOMAS JACH, B.S., M.S.,  
 1954, 1958  
 EDWARD JOEL JOHN  
 WILLIAM BERNARD KORT  
 KENNETH WAYNE KUEHN  
 JOSEPH EDWARD KUHA, JR.,  
 D.D.S., 1960  
 DONALD WAYNE LAUTENBACH  
 DAVID LIEBMAN  
 GORDON CARL LOFGREN

FRED AKIRA MATSUMOTO  
 FREDERICK JERRY MATTKA  
 JOSEPH MORGAN  
 DANIEL MOW  
 DALE CHARLES NICKELSEN  
 IVAN STUART PELTON  
 ZIGMUND COLEMAN PORTER  
 MORGAN COLE POWELL  
 LOUIS EDWARD RAPP  
 JAMES RICHARD REHAK  
 DONALD MERVIN SANDERCOCK  
 ROBERT RAY SCHMISSEUR

DAVID HOWARD SHARP  
 HAROLD MARK SHAVELL, B.S., 1957  
 KYRIAKOS SIOUKAS  
 NORMAN DIXON SPEARS, B.S.,  
 Colorado College, 1957  
 BURTON SAUL TUREK  
 ERNEST JOSEPH VISCO  
 JOSEPH GEORGE WALDECK  
 RAY EDWIN WHEATON  
 ROBERT EUGENE WILLIAMSON  
 BERNARD ASHBEL YOCKE

#### COLLEGE OF MEDICINE

##### Degree of Bachelor of Science in Medicine

(Conferred June 10, 1960)

ALEXANDER DOOLAS

#### COLLEGE OF NURSING

##### Degree of Bachelor of Science in Nursing

(Conferred September 10, 1960)

PATSY KAI-MIN DIAO

#### COLLEGE OF PHARMACY

##### Degree of Bachelor of Science in Pharmacy

(Conferred September 10, 1960)

THOMAS JAMES CECOLA

LAWRENCE JAY MANNERING

IRWIN DORFMAN

JAMES EBERT PICKENS

EUGENE ANTHONY GUALANDRI

#### SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations and declinations; (4) leaves of absence; (5) changes in sabbatical 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.)

ADEN, MARVILEE, Research Assistant in Medicine (Medicine), August 15, 1960-June 30, 1961, \$4,650 a year (7-18-60).

ADES, HARLOW W., Consultant in Electrical Engineering (C), one year from September 1, 1960, \$3,000 (7-27-60).

AHLBERG, HAROLD L., Research Assistant in Civil Engineering (C), nine months from September 16, 1960, \$5,400 (8-29-60).

ALEXANDER, CHARLES S., Research Assistant Professor of Geography, six months from September 1, 1960, \$3,750; and Assistant Professor of Geography, six months from March 1, 1961, \$3,750, to render service during the first semester of the academic year 1960-61, supersedes (8-11-60).

ALLEN, CHARLES M., Professor of Education, on indefinite tenure, and Associate Dean of the College of Education and Coordinator of the University Council on Teacher Education, one year from September 1, 1960, \$16,000 a year, supersedes (7-27-60).

ALLHANDS, JESSIE V., Instructor in Mathematics, academic year beginning September 1, 1960, \$5,400 (8-11-60).

ANDERSON, TRUMAN O., Research Associate in Medicine (Medicine), one year from July 1, 1960, without salary, supersedes salaried appointment (8-11-60).

ANDERSON, WILLIAM L., Project Assistant in the State Natural History Survey, one year from September 1, 1960, \$4,200 (8-27-60).

ANDREWS, RICHARD D., Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine), August 8, 1960-August 31, 1961, \$5,000 a year (8-27-60).

APPLEGATE, SHELTON, Assistant in Biological Sciences (Chicago Undergraduate Division), nine months from September 16, 1960, \$4,600 (8-2-60).

- ARGOUDELIS, CHRISTOS J., Assistant in Food Technology (S), one year from September 1, 1960, \$4,800 (8-19-60).
- ASCH, WALTER B., Instructor in History (Chicago Undergraduate Division),  $\frac{1}{2}$  time, academic year beginning September 1, 1960, \$2,300 (7-18-60).
- ASCHNER, MARY J., Research Assistant Professor in the Institute for Research on Exceptional Children, one year from September 1, 1960, \$8,500 (8-3-60).
- AXEL, PETER, Professor of Physics (C), September 1-15, 1960, \$522.22 for the period; this is an additional appointment (7-28-60).
- AZUMA, HIROSHI, Research Associate in the Bureau of Educational Research, one year from September 1, 1960, \$7,000 (7-28-60).
- BAILAR, FLORENCE L., Instructor in Mathematics, academic year beginning September 1, 1960, \$5,400 (8-11-60).
- BANKS, EDWIN M., Assistant Professor of Biological Science, Division of General Studies, and of Animal Behavior, Department of Animal Science, academic year beginning September 1, 1960, \$6,900, supersedes (8-17-60).
- BARR, THOMAS R. B., Instructor in Veterinary Pathology and Hygiene, in the State Natural History Survey,  $\frac{3}{4}$  time, four months from September 1, 1960, \$383.33 a month, supersedes (7-28-60).
- BARRETT, ROBERT B., JR., Visiting Instructor in Philosophy, academic year beginning September 1, 1960, \$5,800 (7-12-60).
- BARRETT, WILLIAM B., Instructor in Accountancy,  $\frac{3}{4}$  time, academic year beginning September 1, 1960, \$3,600, supersedes (6-24-60).
- BARTHA, TAMAS L., Assistant in Mathematics (Chicago Undergraduate Division), nine months from September 16, 1960, \$4,200 (8-30-60).
- BARTHEL, HAROLD O., Research Assistant Professor of Aeronautical Engineering (C), two months from July 1, 1960, \$955.56 a month; this is in addition to his present appointment (7-18-60).
- BATEMAN, FELICE D., Assistant Professor of Mathematics,  $\frac{1}{2}$  time, academic year beginning September 1, 1960, \$3,300 (8-11-60).
- BAUER, ROBERT O., Instructor in the Bureau of Business Management, one year from September 1, 1960, \$6,000 (6-28-60).
- BEHERMAN, MAX, Professor of Education in University High School, academic year beginning September 1, 1960, \$16,375, the payment of \$3,275 of this stipend being a temporary supplement based on his work with the NETRC Mathematics Study; and on indefinite tenure from September 1, 1961, to render service during each academic year, \$13,100 a year, supersedes (8-11-60).
- BECHTEL, LINWOOD G., Assistant in Physical Education for Men, nine months from September 16, 1960, \$5,000 (7-19-60).
- BERGER, CLEMENS R. A., Assistant in the Radiocarbon Laboratory, one month from July 8, 1960, \$450 (7-12-60).
- BERGERON, CLIFTON G., Research Associate in Ceramic Engineering (S),  $\frac{3}{4}$  time, September 16, 1960-August 31, 1961, \$7,125 a year, supersedes (8-11-60).
- BICKFORD, MARION E., Assistant in Education, July 11-August 13, 1960, \$650 (7-19-60).
- BLUHM, ELAINE A., Instructor in Anthropology, one year from September 1, 1960, \$6,400 (8-27-60).
- BOOCOCK, JOHN R. B., Research Associate in Chemistry, four months from October 1, 1960, \$550 a month (8-24-60).
- BOONE, WILLIAM W., Professor of Mathematics,  $\frac{1}{2}$  time, on indefinite tenure, and Associate Member of the Center for Advanced Study,  $\frac{1}{2}$  time, September 1, 1960-August 31, 1961, to render service during the academic year, \$14,000 a year; and Professor of Mathematics, on indefinite tenure beginning September 1, 1961, to render service during each academic year, \$14,000 a year, supersedes (8-10-60).
- BORCHART, EUGENE K., Assistant in Radiology (Medicine), one year from September 1, 1960, without salary (7-27-60).
- BRANDIS, ROYALL, Associate Professor of Economics, for services in connection with 1960 Executive Development Program, June 20-July 15, 1960, \$1,044.44 for the period; this is in addition to his present appointment (8-15-60).
- BRANT, CLAUDIA, Resident Assistant, Allen Hall (North), ten months from September 1, 1960, \$1,600; for the convenience of the University she will be furnished board and room, while on duty, valued at \$31 a month (7-28-60).
- BRATTON, EDWARD W., Assistant in English, nine months from September 16, 1960, \$4,000 (7-2-60).

- BREARLEY, HARRINGTON C., JR., Research Assistant Professor of Electrical Engineering, in the Digital Computer Laboratory, one year from September 1, 1960, \$11,000, supersedes (6-22-60).
- BREWER, ROBERT L., Instructor in Veterinary Clinical Medicine (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), July 1, 1960-August 31, 1961, \$6,400 a year (7-27-60).
- BRIDGEWATER, FRANK A., Assistant to the Dean of Admissions and Records, one year from September 1, 1960, \$11,000, supersedes (6-28-60).
- BRILEY, BRUCE E., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1960, \$444.44 a month, supersedes (7-12-60).
- BROTT, EUGENE E., Instructor in English (Division of Business English),  $\frac{2}{3}$  time, academic year beginning September 1, 1960, \$3,200 (8-11-60).
- BROWN, ROBERT C., Assistant in the Institute of Aviation, nine months from September 16, 1960, \$4,500 (7-18-60).
- BUCKMAN, CHARLES M., Assistant Professor of Clinical Dentistry, Patient Admissions (Dentistry),  $\frac{1}{2}$  time, one year from September 1, 1960, \$1,600 (8-30-60).
- BUDRYS, MILDA, Clinical Instructor in Medicine (Medicine), July 1, 1960-August 31, 1961, without salary (8-29-60).
- BUDZEIKA, MARIANNE, Clinical Instructor in Pediatrics (Medicine),  $\frac{3}{10}$  time, one year from September 1, 1960, \$1,650, supersedes (8-29-60).
- BUTLER, BARTLETT R., Visiting Instructor in Music, academic year beginning September 1, 1960, \$6,000 (7-28-60).
- CAMBLIN, BOB, Instructor in Art, academic year beginning September 1, 1960, \$5,400 (7-2-60).
- CAMEY, MRS. LOUISE M., House Director, Delta Cooperative, ten months from September 1, 1960, \$2,000; for the convenience of the University she will be furnished board and room, while on duty, valued at \$31 a month (7-28-60).
- CAPEK, RAYMOND G., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1960, \$550 a month, supersedes (8-10-60).
- CARREL, ROBERT L., Research Associate in Electrical Engineering (C), one year from September 1, 1960, \$6,800, supersedes (7-12-60).
- CHORBIKIAN, FILOR K., Research Assistant in Psychiatry (Medicine), one year from September 1, 1960, \$4,650 (8-30-60).
- CHOW, JUDITH K., Microanalyst in Chemistry, one year from September 1, 1960, \$4,700 (7-27-60).
- CLAAR, JOHN B., Associate Director of Agricultural Extension, with rank of Professor (E), one year from September 1, 1960, \$16,000 (8-8-60).
- CLARK, JOHN P., Instructor in Sociology, academic year from September 1, 1960, \$6,500 (7-2-60).
- CLOSE, PATRICIA A., Assistant Extension Editor, with rank of Instructor (E), one year from September 1, 1960, \$5,500, supersedes her nonacademic appointment (7-18-60).
- COHEN, MENDEL F., Instructor in Philosophy, academic year beginning September 1, 1960, \$5,500 (7-12-60).
- COLE, ROBERT E., III, Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1960, \$4,800 (7-18-60).
- COLLIN, MRS. ELINOR E., Lecturer in Art, academic year beginning September 1, 1960, \$5,800 (7-5-60).
- COLMAN, MRS. FAYE M., Resident Assistant, Arbor Suites, ten months from September 1, 1960, \$1,600; for the convenience of the University she will be furnished an apartment and meals (8-2-60).
- COOVERT, RICHARD, Research Associate in Electrical Engineering (S), June 16-August 31, 1960, \$600 a month, supersedes (8-11-60).
- COX, RICHARD H., Research Associate in Psychiatry (Medicine),  $\frac{3}{4}$  time, July 1, 1960-August 31, 1961, \$5,650 a year, supersedes (8-11-60).
- CRABE, ROBERT L., Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1960, \$4,700, supersedes (7-2-60).
- CRAIG, ROY R., Assistant Professor of Theoretical and Applied Mechanics (C), academic year beginning September 1, 1960, \$6,600 (8-19-60).
- DAVIS, JIM E., Instructor in Economics, academic year beginning September 1, 1960, \$6,800 (8-3-60).
- DAVISSON, MELVIN T., Assistant Professor of Civil Engineering (C and S), academic year beginning September 1, 1960, \$7,000, supersedes (9-2-60).

- DEBRUNNER, PETER G., Research Associate in Physics (C), one year from September 1, 1960, \$7,500 (7-2-60).
- DEPINTO, JOHN A., JR., Assistant in Microbiology, one year from September 1, 1960, \$5,100 (8-30-60).
- DETWILER, BETTY C., Instructor in Mathematics, academic year beginning September 1, 1960, \$6,500 (7-28-60).
- DICKERSON, DONALD R., Special Associate Chemist in the State Geological Survey, three months from October 1, 1960, \$592 a month (9-2-60).
- DICKERSON, RICHARD E., Assistant Professor of Physical Chemistry, one year from September 1, 1960, \$8,190, supersedes (7-28-60).
- DICKETT, GUST W., Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1960, \$4,500, supersedes (7-2-60).
- DICKMAN, KERN W., Research Associate in the Digital Computer Laboratory, academic year beginning September 1, 1960, \$7,000 supersedes (7-12-60).
- DIMMICK, JOHN, Research Assistant in Physiology, two months from June 16, 1960, \$450 a month, supersedes (7-12-60); and Research Associate in Physiology, one year from September 1, 1960, \$6,500 (8-24-60).
- DOBER, MRS. FRANCES M., Resident Assistant, Allen Hall (South), ten months from September 1, 1960, \$1,600; for the convenience of the University she will be furnished an apartment and meals (7-28-60).
- DODD, JEREMY S., Instructor in Landscape Architecture, academic year beginning September 1, 1960, \$6,900 (8-3-60).
- DORNBERG, OTTO, Instructor in German, academic year beginning September 1, 1960, \$5,700 (6-24-60).
- DOWNING, RONALD G., Visiting Research Associate in the Institute of Government and Public Affairs, seven months from February 1, 1961, \$5,600 (6-23-60).
- DREWS, HENRIQUE, Assistant in Electrical Engineering (C), nine months from September 16, 1960, \$4,000 (7-28-60).
- EGGER, WILLIAM, JR., Assistant Professor of Civil Engineering (C), academic year beginning September 1, 1960, \$7,000, supersedes (7-28-60).
- EGRI, TED, Lecturer in Art, academic year beginning September 1, 1960, \$5,300 (7-2-60).
- EHERNBERGER, NICOLETTE, Acquisition Assistant in the Library, one year from September 1, 1960, \$5,200 (8-24-60).
- EICHHOLZ, ALEXANDER, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1960, \$4,650 (8-8-60).
- ELLIOTT, CHARLES R., Assistant Professor of Otolaryngology (Medicine), Speech Pathologist to the Cleft Palate Training Program (Division of Services for Crippled Children), 9/10 time, and Assistant Professor of Teacher Education (Dentistry), 1/10 time, one year from September 1, 1960, \$9,800 (7-27-60).
- ELLIS, JACK A., Research Associate in the State Natural History Survey, one year from September 1, 1960, \$5,640 (8-27-60).
- ELSEY, JOHN C., Instructor in Electrical Engineering (C), 1/2 time, academic year beginning September 1, 1960, \$2,800; this is in addition to his appointment as Bendix Aviation Corporation Teaching Fellow in Electrical Engineering (7-27-60).
- EMMERING, THOMAS E., Instructor in Radiology (Dentistry), one year from September 1, 1960, \$7,000, supersedes (8-30-60).
- ETTER, DONALD E., Research Assistant in the State Water Survey, August 15, 1960-June 30, 1961, \$5,400 a year (8-10-60).
- EVERSON, TILDEN C., Clinical Associate Professor of Surgery (Medicine), 1/4 time, two months from July 1, 1960, \$300 a month, supersedes (7-12-60).
- FAHRNKOPF, MARY K., Instructor in the Graduate School of Business Administration (College of Commerce and Business Administration), one year from September 1, 1960, \$6,000 (7-5-60).
- FIEDLER, FRED E., Associate Professor of Psychology, August 16-31, 1960, \$494.44; this is in addition to his present appointment (8-24-60).
- FISCH, MAX H., Professor of Philosophy, 1/3 time, on indefinite tenure, and Associate Member of the Center for Advanced Study, 2/3 time, for six months from March 1, 1961, \$14,700 a year; and Professor of Philosophy, on indefinite tenure from September 1, 1961, \$14,700 a year, to render service during each academic year, supersedes (6-23-60).

- FRANCIS, GUNA, Research Assistant in Clinical Science (Medicine), two months from July 1, 1960, without salary, supersedes salaried appointment (7-2-60).
- FRENCH, JAMES L., Instructor in Mechanical Engineering (C), academic year beginning September 1, 1960, \$6,000, supersedes (8-19-60).
- FRERICHS, ALMUT K., Research Assistant in Chemistry, one month from August 16, 1960, \$411 (8-13-60).
- FROELICH, GUSTAV J., Acting Director of the Bureau of Institutional Research, one year, with rank of Associate Professor, on indefinite tenure, from September 1, 1960, \$11,000 a year, supersedes (8-30-60).
- FRUCHTMAN, STANLEY A., Research Assistant in Medicine (Medicine), two months from July 1, 1960, \$387.50 a month (7-18-60).
- FULCHER, CHARLES E., Research Assistant in Agronomy (S), July 1, 1960-August 31, 1961, \$5,300 a year, supersedes (8-3-60).
- FULTON, ROBERT E., Assistant Professor of Civil Engineering (C), academic year beginning September 1, 1960, \$6,500, supersedes (7-28-60).
- GEORGIU, GEORGE T., Physician in the Health Service (Chicago Professional Colleges),  $\frac{3}{4}$  time, one year from September 1, 1960, \$6,500 (8-30-60).
- GIESELMAN, ROBERT D., Instructor in Business English, academic year beginning September 1, 1960, \$4,500 (7-28-60).
- GILMORE, THOMAS B., Assistant in English, nine months from September 16, 1960, \$4,000, supersedes (8-11-60).
- GINSBERG, JAMES, Clinical Assistant Professor of Psychiatry (Medicine),  $\frac{3}{10}$  time, one year from September 1, 1960, \$3,000, supersedes (8-11-60).
- GLADISH, ROBERT W., Instructor in English (Chicago Undergraduate Division), to render service during the first semester of the academic year, September 1, 1960-January 31, 1961, \$2,400 (7-2-60).
- GLISSENDORF, OWEN F., Assistant Editor, with rank of Assistant Professor of Agriculture (S), one year from September 1, 1960, \$8,000, supersedes (7-12-60).
- GOLDSMITH, HENRY J., Research Associate in Medicine (Medicine), four months from July 1, 1960, \$500 a month, supersedes (8-11-60).
- GOVINDJEE, Research Assistant in Botany, two months from July 1, 1960, \$366.66 a month (7-19-60).
- GRAY, JOSEPH L., III, Instructor in Foreign Languages (Chicago Undergraduate Division),  $\frac{1}{2}$  time, academic year beginning September 1, 1960, \$2,400 (6-25-60).
- GREEN, AARON, Librarian in the Library and in the Institute of Labor and Industrial Relations, with rank of Assistant Professor, one year from September 1, 1960, \$7,750 (8-8-60).
- GREENFIELD, GEORGE B., Clinical Instructor in Radiology (Medicine),  $\frac{1}{4}$  time, one year from September 1, 1960, \$3,250 (7-12-60).
- GRIMM, CLYDE L., JR., Assistant in English, nine months from September 16, 1960, \$4,200, supersedes (7-2-60).
- GRUBBS, EDWARD J., Research Assistant in Chemistry, January 11-August 31, 1961, \$5,200 a year (8-27-60).
- GUDAUSKAS, ROBERT T., Assistant in Plant Pathology (S), two months from July 1, 1960, \$366.66 a month, supersedes (7-18-60).
- GUNTER, RICHARD L., Instructor in English as a Foreign Language, academic year beginning September 1, 1960, \$5,000 (7-28-60).
- GUSS, CYRUS O., Visiting Lecturer in Chemistry,  $\frac{1}{2}$  time, nine months from September 16, 1960, \$3,900 (7-28-60).
- GUTH, SHERMAN L., Research Assistant in Psychology, August 16-31, 1960, \$400 a month (8-15-60).
- HAERTLING, GENE H., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1960, \$550 a month, supersedes (8-10-60).
- HAGER, LOWELL P., Research Assistant Professor of Chemistry, two months from July 1, 1960, \$1,000 a month (7-28-60).
- HAKE, HAROLD W., Associate Professor of Psychology, August 16-22, 1960, \$255.55; this is in addition to his present appointment (9-1-60).
- HAKKI, BASIL W., Research Assistant Professor of Electrical Engineering (C), one year from September 1, 1960, \$9,500 (9-2-60).
- HALKO, ARLENE A., Clinical Assistant Professor of Radiology (Medicine), one year from September 1, 1960, without salary (7-2-60).

- HANLEY, JOHN T., Instructor in Civil Engineering (C),  $\frac{1}{4}$  time, academic year beginning September 1, 1960, \$1,650; this is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Civil Engineering, supersedes (8-19-60).
- HARBY, CAROLINE, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1960, \$4,650, supersedes (9-2-60).
- HARNISH, BENJAMIN F., III, Instructor in Architecture, academic year beginning September 1, 1960, \$5,500, supersedes (7-18-60).
- HARPER, ANNE Y., Research Assistant in the Bureau of Economic and Business Research, September 19, 1960-August 31, 1961, \$4,650 a year (8-8-60).
- HARRISON, JOHN C., Instructor in Library Science (Graduate School of Library Science),  $\frac{1}{2}$  time, academic year beginning September 1, 1960, \$4,000 (8-13-60).
- HART, MRS. ALICE G., Assistant Professor of Mathematics, academic year beginning September 1, 1960, \$7,000, supersedes (8-13-60).
- HASTINGS, J. WOOLAND, Research Assistant Professor of Chemistry, two months from June 16, 1960, \$922.50 a month; this is in addition to his present appointment (7-12-60).
- HAWKINS, HELEN A., Head Resident, Taft House, ten months from September 1, 1960, \$4,200; for the convenience of the University she will be furnished board and room, while on duty, valued at \$31 a month (7-18-60).
- HEAGARTY, MARY A., Assistant in English, nine months from September 16, 1960, \$3,800 (8-8-60).
- HEALY, JAMES H., Research Assistant in Mechanical Engineering (C), one year from September 1, 1960, \$5,640 (8-19-60).
- HEATER, NANCY L., Engineering Library Assistant (Library), one year from September 1, 1960, \$5,400, supersedes (7-2-60).
- HEDEGAARD, JENS, Research Associate in Chemistry, one year from September 1, 1960, \$5,500 (8-8-60).
- HENNESSEY, JAMES J., Instructor in Art, academic year beginning September 1, 1960, \$5,300 (7-2-60).
- HERRING, TOD H., Instructor in Industrial Education, academic year beginning September 1, 1960, \$5,800 (8-3-60).
- HERSON, EDWARD J., Assistant in English, nine months from September 16, 1960, \$3,800 (8-2-60).
- HERTEL, MARGARET S., Serials Assistant in the Library, one year from September 1, 1960, \$5,200 (7-29-60).
- HICHENS, MARTIN, Research Associate in Chemistry, one year from September 1, 1960, \$5,500 (8-13-60).
- HINMAN, NORMAN H., Assistant in Animal Science (S), one year from July 1, 1960, \$4,800 (7-18-60).
- HINTON, ROYCE A., Assistant Professor of Farm Management (Agricultural Economics) (S), August 1, 1960-August 31, 1961, \$8,000 a year, supersedes (8-13-60).
- HODGES, RALPH R., JR., Research Associate in Electrical Engineering (S),  $\frac{3}{4}$  time, one year from September 1, 1960, \$4,800 (7-2-60).
- HOLDEN, MATTHEW, JR., Research Associate in the Institute of Government and Public Affairs, September 16, 1960-January 31, 1961, \$500 a month (8-11-60).
- HOLLEY, EDWARD G., Education, Philosophy, and Psychology Librarian, with rank of Instructor (Library), one year from September 1, 1960, \$7,700, supersedes (7-2-60).
- HULSEY, ELIZABETH B., Reference Assistant in the Library, one year from September 1, 1960, \$5,400, supersedes (7-2-60).
- HOLLINGSWORTH, JOSEPH R., Instructor in History, academic year beginning September 1, 1960, \$6,000 (7-28-60).
- HOOPS, MRS. HELEN W., Assistant in Speech, September 16, 1960-January 31, 1961, \$2,100 (7-28-60).
- HOTTA, YASUO, Research Associate in Botany, one year from September 1, 1960, \$5,500 (7-28-60).
- HRADEK, RICHARD W., Research Associate in Theoretical and Applied Mechanics (C),  $\frac{3}{4}$  time, academic year beginning September 1, 1960, \$3,467, supersedes (8-19-60).
- HUANG, TSENG, Assistant Professor of Civil Engineering (S), academic year beginning September 1, 1960, \$6,300, supersedes (9-2-60).

- HUNDLEBY, JOHN D., Research Associate in Psychology, one year from September 1, 1960, \$6,000 (8-17-60).
- HUNT, MARIANNE, Assistant in English (Chicago Undergraduate Division), nine months from September 16, 1960, \$4,200 (7-2-60).
- HUSSEY, MARY A., Instructor in English, academic year beginning September 1, 1960, \$5,700 (7-2-60).
- ISOLINE, CHARLES J., Assistant Extension Editor, with rank of Assistant Professor (E), one year from September 1, 1960, \$7,700, supersedes (8-13-60).
- ITO, RIKUMA, Research Assistant in the Bureau of Economic and Business Research (College of Commerce and Business Administration and Graduate College), one year from September 1, 1960, \$4,775 (7-29-60).
- JACOBS, NICHOLAS J., Research Associate in Dairy Science (S), one year from September 1, 1960, \$6,000 (8-19-60).
- JANN, BARBARA M., Research Assistant in Chemistry, one year from September 1, 1960, \$5,000 (6-25-60).
- JANSEN, MATHILDA J., Research Assistant Professor in the Institute of Communications Research, 9/10 time, nine months from September 1, 1960, \$5,400 (6-24-60).
- JENSIK, ROBERT J., Clinical Associate Professor of Surgery (Medicine),  $\frac{1}{2}$  time, July 1, 1960-August 31, 1961, \$2,400 a year, supersedes nonsalaried appointment (7-28-60).
- JONES, JOAN M., Instructor in Chemistry (Chicago Undergraduate Division), academic year beginning September 1, 1960, \$5,800 (8-29-60).
- KABLER, MILTON N., Research Associate in Metallurgical Engineering (C), one year from September 1, 1960, \$7,500, supersedes (8-27-60).
- KAPLAN, HERBERT H., Instructor in History, academic year beginning September 1, 1960, \$5,500 (7-27-60).
- KARNI, SHLOMO, Assistant Professor of Electrical Engineering (C), academic year beginning September 1, 1960, \$6,500 (7-28-60).
- KARSH, BERNARD, Associate Professor of Sociology, College of Liberal Arts and Sciences on  $\frac{1}{4}$  time, and Institute of Labor and Industrial Relations on  $\frac{3}{4}$  time, indefinite tenure from September 1, 1960, \$11,750 a year, supersedes (8-29-60).
- KEITH, WALTER M., Associate Professor of Landscape Architecture, one month from July 1, 1960,  $\frac{3}{4}$  time, \$780; this is in addition to his present appointment (8-24-60).
- KELLEY, WILBUR A., Research Assistant in Horticulture (S), one year from September 1, 1960, \$5,520 (7-19-60).
- KELLY, MRS. LORENE M., Assistant to the Dean of Women,  $\frac{1}{2}$  time, nine months from September 16, 1960, \$1,900 (8-12-60).
- KEMMAN, ROBERT C., Visiting Lecturer in Education,  $\frac{1}{2}$  time, June 20-August 13, 1960, \$800 (7-18-60).
- KENNYBREW, ALONZO H., Research Assistant in the Institution for Tuberculosis Research (Chicago Professional Colleges), one year from September 1, 1960, \$6,000 (8-3-60).
- KHANNA, SHANTI S., Research Assistant in Agronomy (S), July 1, 1960-August 31, 1961, \$5,400 a year, supersedes (7-18-60).
- KIBLER, VICTOR A., Assistant Professor of Architecture, academic year beginning September 1, 1960, \$7,200 (7-12-60).
- KIEFER, EDGAR F., Research Associate in Chemistry, one year from October 1, 1960, \$5,700 (8-24-60).
- KIEN, GERALD A., Assistant Professor of Pharmacology (Medicine), academic year beginning September 1, 1960, \$8,500 (7-18-60).
- KIM, MRS. NANCY S., Research Assistant in Botany, June 16-August 31, 1960, \$400 a month (7-19-60).
- KINDLSPERGER, RONALD, Research Assistant in Pedodontics (Dentistry), one year from September 1, 1960, \$4,800 (8-30-60).
- KIRK, HAROLD Q., Clinical Assistant Professor of Ophthalmology (Medicine), 15/100 time, one year from September 1, 1960, \$1,500 (7-28-60).
- KIRSCHFELD, SIGRID J., Research Associate in Animal Science (S), October 1, 1960-August 31, 1961, \$5,800 a year (8-10-60).
- KOLB, PHILIP, Professor of French,  $\frac{1}{2}$  time, on indefinite tenure, and Associate Member of the Center for Advanced Study,  $\frac{1}{2}$  time, one year from Sep-



- tember 1, 1960, to render service during each academic year, \$12,000 a year; his appointment will revert to the conditions of his previous appointment as of September 1, 1961 (6-11-60).
- KORD, VICTOR G., Instructor in Art, academic year beginning September 1, 1960, \$5,300 (7-2-60).
- KOSEKI, YUICHI, Research Associate in the Institution for Tuberculosis Research (Chicago Professional Colleges), one year from September 1, 1960, \$7,500 (7-12-60).
- KRIECKHAUS, EDWARD E., Research Assistant in Electrical Engineering (S), one year from September 1, 1960, \$5,250 (6-24-60).
- KRIMMER, BURTON M., Clinical Instructor in Ophthalmology (Medicine),  $\frac{1}{2}$  time, one year from September 1, 1960, \$1,500 (7-28-60).
- KUO, MAU-HUAI, Research Associate in Dairy Science (S), September 6, 1960-August 31, 1961, \$6,200 a year (8-27-60).
- LAFont, MRS. FRANCES M., Assistant in Home Economics (S), one year from September 1, 1960, \$4,800 (8-13-60).
- LAMB, JOHN H., JR., Instructor in Civil Engineering (S),  $\frac{1}{4}$  time, September 1, 1960-February 28, 1961, \$116.67 a month; this is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Civil Engineering for the first semester of the academic year 1960-61, supersedes (8-19-60).
- LAMBERT, ROBERT J., Research Assistant in Plant Breeding (Agronomy) (S), one year from September 1, 1960, \$5,200 (8-27-60).
- LANDWEHR, GOTTFRIED, Research Associate in Electrical Engineering (S),  $\frac{1}{2}$  time, one year from September 1, 1960, \$3,400, supersedes (7-27-60).
- LANGE, CHARLES, Research Associate in Biological Chemistry (Medicine), one year from September 1, 1960, \$6,500 (8-8-60).
- LEARNER, AARON, Associate Professor of Pathology (Medicine), 10/100 time, indefinite tenure from September 1, 1960, \$1,200 a year (8-13-60).
- LEICHNER, MRS. E. JEANNINE, Research Associate in the Coordinated Science Laboratory (C),  $\frac{1}{2}$  time, one year from September 1, 1960, \$3,400 (9-2-60).
- LEININGER, MRS. DOROTHEA, Resident Assistant, Allen Hall (South), ten months from September 1, 1960, \$1,600; for the convenience of the University she will be furnished an apartment and meals (8-27-60).
- LEKAN, EUGENE C., Research Associate in Oral and Maxillofacial Surgery (Dentistry),  $\frac{1}{2}$  time, one year from September 1, 1960, \$3,750 (8-13-60).
- LENER, ISIDOR, Instructor in Physics (Chicago Undergraduate Division), to render service during the first semester of the academic year, September 1, 1960-January 31, 1961, \$3,300 (8-13-60).
- LEVY, LUCRETIA, Instructor in Mathematics, 5/12 time, academic year beginning September 1, 1960, \$2,625; this is in addition to her nonacademic appointment as Assistant to the Editor of the Illinois Journal of Mathematics on 7/12 time (8-12-60).
- LIEPINS, KURT, Research Assistant in Clinical Science (Medicine), two months from July 1, 1960, without salary, supersedes salaried appointment (7-2-60).
- LILJEQUIST, JON L., Instructor in Mechanical Engineering (Shop Laboratories) (Chicago Undergraduate Division), academic year beginning September 1, 1960, \$7,000 (7-19-60).
- LINDSTROM, DAVID E., Professor of Rural Sociology in the College of Agriculture, Jabalpur, M.P., India, under Contract ICAC-1453, two years from September 15, 1960, \$12,800 a year; in addition to salary, allowances as provided in the Standardized United States Government Civilian Allowance Regulations (Foreign Areas) as from time to time amended, will also be paid; and Professor of Rural Sociology, Department of Agricultural Economics (C and S) and Department of Sociology (College of Liberal Arts and Sciences), indefinite tenure from September 15, 1962, supersedes (8-13-60).
- LITTLE, ELLIS B., Assistant Dean of Liberal Arts and Sciences (Chicago Undergraduate Division), one year from September 1, 1960, \$9,800 supersedes (7-18-60).
- LITZ, KATHERINE, Visiting Lecturer in Physical Education for Women, to render service during the second semester of the academic year, February 1-June 15, 1961, \$3,000 (8-8-60).
- LOESCH, JOHN, Assistant Professor of Psychiatry (Medicine), July 1, 1960-August 31, 1961, \$12,300 a year, supersedes (8-13-60).

- LOFGREN, LARS E., Visiting Research Assistant Professor of Electrical Engineering (C), one year from September 1, 1960, \$8,800, supersedes (9-2-60).
- LOFTISS, EUGENE W., Assistant in Speech, nine months from September 16, 1960, \$4,000 (8-17-60).
- LORBE, RUTH E., Instructor in German, academic year beginning September 1, 1960, \$6,000 (6-25-60).
- LORD, REXFORD D., JR., Research Associate in the State Natural History Survey, one year from September 1, 1960, \$6,480 (8-27-60).
- LUTON, JOSEPH M., JR., Assistant in the Institute of Aviation, nine months from September 16, 1960, \$4,050 (8-17-60).
- LUX, DONALD G., Associate Professor of Industrial Education, on indefinite tenure, and Counselor on the University Council on Teacher Education (Teacher Training Counseling), for one year, \$9,150 a year, and Assistant Dean of the College of Education, for one year at an additional salary of \$500, total salary, \$9,650 a year, from September 1, 1960, to render service during the academic year, supersedes (8-3-60).
- MACINTYRE, JAMES M., Assistant in English, nine months from September 16, 1960, \$4,200 supersedes (7-2-60).
- MACPHIE, ROBERT H., Research Assistant in Electrical Engineering (S), one year from September 1, 1960, \$5,650 (7-2-60).
- MALM, NORMAN R., Research Associate in Plant Pathology (S), July 15, 1960-August 31, 1961, \$6,000 a year, supersedes (8-13-60).
- MANGAN, KENNETH R., Research Associate in the Institute for Research on Exceptional Children, academic year beginning September 1, 1960, without salary (8-24-60).
- MANN, DENNIS K., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine),  $\frac{3}{4}$  time, one year from September 1, 1960, \$4,650 (7-2-60).
- MARSH, RICHARD R., Professor of Food Technology (Division of University Extension),  $\frac{2}{3}$  time, indefinite tenure, and Assistant Director of the University Honors Programs (Provost's Office),  $\frac{1}{3}$  time, one year from September 1, 1960, \$11,000 a year, supersedes (7-14-60).
- MARSHALL, THOMAS C., Research Associate in Electrical Engineering (S),  $\frac{3}{4}$  time, one year from September 1, 1960, \$5,700 (7-12-60).
- MARTIN, CLIFFORD K., Assistant in Soil Fertility (Agronomy) (S), one year from September 1, 1960, \$4,800 (8-27-60).
- MARTIN, DAVID M., Assistant in English, nine months from September 16, 1960, \$3,800 (7-2-60).
- MARTINI, NAEL, Instructor in Surgery (Medicine),  $\frac{7}{10}$  time, one year from July 1, 1960, \$4,000 (7-18-60).
- MARVEL, MRS. KATHRYNE E., Resident Assistant, Allen Hall, ten months from September 1, 1960, \$1,600; for the convenience of the University she will be furnished board and room, while on duty, valued at \$31 a month (6-25-60).
- MCCALLUM, DOUGLAS M., Visiting Lecturer in Political Science, February 1-June 15, 1961, \$4,000 (8-13-61).
- MCCOLLEY, ROBERT M., Instructor in History, academic year beginning September 1, 1960, \$6,000 (7-27-60).
- MCINERNEY, JAMES F., Assistant in Mathematics (Chicago Undergraduate Division), September 16, 1960-January 31, 1961, \$2,000 (8-3-60).
- MCINTYRE, LUCY M. S., Resident Assistant, Arbor Suites, ten months from September 1, 1960, \$1,800; for the convenience of the University she will be furnished an apartment and meals while on duty (7-18-60).
- MCNABB, WILLIAM J., Instructor in Oral and Maxillofacial Surgery (Dentistry),  $\frac{3}{10}$  time, one year from September 1, 1960, \$2,175 (8-3-60).
- MCPHERSON, WARREN G., Clinical Assistant Professor of Psychiatry (Medicine), one year from September 1, 1960, without salary (8-29-60).
- MEDANSKY, ROLAND S., Instructor in Dermatology (Medicine),  $\frac{3}{10}$  time, one year from September 1, 1960, \$1,650 (8-3-60).
- MEINHARDT, WARREN L., Assistant in Spanish, academic year beginning September 1, 1960, \$5,400 (8-24-60).
- MELE, STEPHEN A., Instructor in Operative Dentistry (Dentistry),  $\frac{1}{2}$  time, one year from September 1, 1960, \$3,300 (7-18-60).

- MEYER, FRANCIS A., Instructor in the Institute of Aviation, one year from September 1, 1960, \$7,500 (6-22-60).
- MIKOLACZYK, HENRY L., Associate Professor of Architecture (Chicago Undergraduate Division), Summer Session of 1960, two months from June 20, 1960, \$2,089 for the period (8-3-60).
- MILLER, DONALD L., Visiting Lecturer in Music, and Headmaster, Elementary String Camp (Division of University Extension), Summer Session of 1960, July 10-23, 1960, \$200 for the period; for the convenience of the University he will receive board and room while on duty (7-12-60).
- MILOSH, JOSEPH E., Assistant in English, nine months from September 16, 1960, \$3,800 (7-2-60).
- MINAMI, KAZUMORI, Research Associate in Chemistry, one year from September 1, 1960, \$6,000, supersedes (7-12-60).
- MIRON, MURRAY S., Research Assistant Professor in the Institute of Communications Research (Graduate College),  $\frac{2}{3}$  time, and Assistant Professor of Psychology (College of Liberal Arts and Sciences),  $\frac{1}{3}$  time, academic year beginning September 1, 1960, \$6,750 (6-22-60).
- MISIASZEK, EDWARD T., Assistant Professor of Civil Engineering (C), academic year beginning September 1, 1960, \$6,800, supersedes (7-28-60).
- MITCHELL, GERTRUDE M., Assistant Head Resident, Lincoln Avenue Residence (South), ten months from September 1, 1960, \$4,200; for the convenience of the University she will be furnished meals, while on duty, valued at \$21 a month (7-7-60).
- MITRI, TALAAT K., Research Assistant in the State Natural History Survey,  $\frac{1}{2}$  time for nine months from September 1, 1960, and full time for three months from June 1, 1961, \$370 a month (6-27-60).
- MODUTHAGAM, MICHAEL, Assistant in Physics, Department of Chemistry (Pharmacy), nine months from September 16, 1960, \$3,800 (8-13-60).
- MOORE, JAMES E., Assistant in Home Economics (C), one year from September 1, 1960, \$5,400 (8-19-60).
- MORCH, ERNST T., Clinical Professor of Anesthesiology, Department of Surgery (Medicine), indefinite tenure from July 1, 1960, without salary, supersedes salaried appointment (7-12-60).
- MORRIS, CHARLES E., Research Associate in Education (University High School),  $\frac{1}{2}$  time, academic year beginning September 1, 1960, \$2,750 (6-18-60).
- MOSS, JAMES W., Research Associate in the Institute for Research on Exceptional Children, academic year beginning September 1, 1960, \$6,900 (8-11-60).
- MOYAR, GERALD J., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1960, \$6,300 (6-17-60).
- MUNRO, CLARE, Research Associate in Psychiatry (Medicine), July 1, 1960-April 30, 1961, \$541.67 a month (7-12-60).
- NAOUMIDES, MARK, Instructor in the Classics, including supervision of the Museum of European Culture, academic year beginning September 1, 1960, \$5,400 (8-3-60).
- NARASINGA-RAO, KOTCHERLAKOTA V., Research Assistant in Electrical Engineering (S), one year from September 1, 1960, \$5,000 (7-18-60).
- NICHOLS, BRYAN W., Research Associate in Chemistry, one year from September 1, 1960, \$5,800 (6-17-60).
- NICHOLS, ROGER C., Research Assistant in Nuclear Engineering (C), August 23-November 15, 1960, \$1,168.88 (8-11-60).
- NORTON, OLIVER W., Spectroscopist in Chemistry, one year from September 1, 1960, \$7,200, supersedes (8-15-60).
- NOSKER, HERBERT D., Assistant Extension Editor, with rank of Instructor (E), one year from September 1, 1960, \$6,200 (8-24-60).
- OBATA, MORIO, Visiting Assistant Professor of Mathematics, Summer Session of 1960, June 20-August 13, 1960, \$1,667 for the period (7-22-60); and to render service during the first semester of the academic year, September 16, 1960-January 31, 1961, \$833.34 a month (7-20-60).
- OLSEN, IRVING S., Instructor in Foreign Languages (Chicago Undergraduate Division),  $\frac{1}{2}$  time, academic year beginning September 1, 1960, \$2,750 (7-2-60).
- OLSEN, RAYMOND E., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine), two months from July 1, 1960, \$483.33 a month, supersedes (7-19-60); and one year from September 1, 1960, \$7,500, supersedes (8-27-60).

- OLSON, ROY E., Assistant Professor of Civil Engineering (C), eleven months from October 1, 1960, to render service during the academic year, \$6,300 a year, supersedes (7-28-60).
- OMORI, DOROTHY K., Instructor in Occupational Therapy (Medicine), one year from September 1, 1960, \$6,400 (7-18-60).
- OWENS, JOAN M., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station),  $\frac{3}{4}$  time, September 12, 1960-August 31, 1961, \$4,600 a year (9-6-60).
- OWENS, RHODELL E., Lecturer in Recreation (College of Physical Education), September 16, 1960-January 31, 1961, \$800 (6-20-60).
- PACHMUSS, TEMIRA, Instructor in Russian, academic year beginning September 1, 1960, \$6,500 (7-28-60).
- PAINTER, NORMAN W., Lecturer in Sociology, academic year beginning September 1, 1960, \$7,500 (7-12-60).
- PAK, JINGYAL, Assistant in Mathematics, September 16, 1960-January 31, 1961, \$422.22 a month (7-28-60).
- PALMER, JOHN R., Assistant Professor of Education, academic year beginning September 1, 1960, \$6,800 (8-22-60).
- PAPAGEORGIS, DEMETRIOS, Research Assistant in Psychology, one month from July 16, 1960, \$400, supersedes (7-28-60).
- PARKS, JOE M., Research Associate in Chemistry,  $\frac{1}{2}$  time, one year from September 1, 1960, \$3,600; this is in addition to his appointment as United States Public Health Postdoctoral Fellow in Chemistry on  $\frac{1}{2}$  time, supersedes (8-13-60).
- PATTON, WILLARD T., Instructor in Electrical Engineering (C), academic year beginning September 1, 1960, \$6,930, supersedes (8-19-60).
- PAUL, SHERMAN, Professor of English on indefinite tenure, and Associate Member of the Center for Advanced Study, March 1-August 31, 1961, to render service during each academic year, \$13,400 a year; and Professor of English, on indefinite tenure beginning September 1, 1961, to render service during each academic year, \$13,400 a year, supersedes (6-23-60).
- PAWLIK, KURT, Research Associate in Psychology, one year from September 1, 1960, \$5,600 (6-17-60).
- PECK, JAMES R., Instructor in English (Chicago Undergraduate Division), academic year beginning September 1, 1960, \$5,600 (7-2-60).
- PERELMUTER, SAMUEL, Instructor in Biological Sciences (Chicago Undergraduate Division)  $\frac{1}{2}$  time, academic year beginning September 1, 1960, \$2,400 (7-18-60).
- PERLMUTTER, DANIEL D., Research Assistant Professor of Chemical Engineering, two months from June 16, 1960, \$789 a month; this is in addition to his present appointment (8-8-60).
- PETERS, JOSEPH A., Research Assistant in Mathematics, August 15-September 3, 1960, \$260.14 (8-17-60).
- PETERS, STANLEY, Research Assistant in the Institute for Research on Exceptional Children, two months from June 16, 1960, \$400 a month, supersedes (8-8-60).
- PIERSON, IRENE D., Lecturer in Recreation (College of Physical Education), September 16, 1960-January 31, 1961, without salary; this is in addition to her appointment as Social Director of the Illini Union (6-18-60).
- PINTER, JOYCE K., Research Assistant in Preventive Medicine (Medicine), August 1, 1960-August 31, 1961, \$5,000 a year (8-30-60).
- PINTO, LEONARD J., Instructor in Sociology (Chicago Undergraduate Division),  $\frac{2}{5}$  time, academic year beginning September 1, 1960, \$2,200 (8-8-60).
- PLATT, GEORGE M., Research Associate and Staff Counsel for the Municipal Law Codification Project, Institute of Government and Public Affairs, five months from September 1, 1960, \$833.33 a month (6-18-60).
- POTEMPA, SYLVESTER, Instructor in Physical Sciences (Chicago Undergraduate Division),  $\frac{1}{2}$  time, academic year beginning September 1, 1960, \$2,900 (6-21-60).
- POTTLE, CHRISTOPHER, Research Associate in the Coordinated Science Laboratory (C),  $\frac{1}{2}$  time, one year from September 1, 1960, \$3,400 (8-29-60).
- PRANGER, ROBERT J., Instructor in Political Science, academic year beginning September 1, 1960, \$6,000 (8-13-60).

- PREVIC, EDWARD P., Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1960, \$4,650 (6-17-60).
- PRICE, BARBARA P., Assistant in Home Economics (C), nine months from September 16, 1960, \$4,650 (9-2-60).
- PRICE, THORNTON W., Associate Professor of Mechanical Engineering (C),  $\frac{1}{2}$  time, and Assistant Coordinator for Engineering in the Provost's Office,  $\frac{1}{2}$  time, under Contract ICAC-1220, one year from September 1, 1960 (on Y basis) \$11,400; and Associate Professor of Mechanical Engineering (C), on indefinite tenure beginning September 1, 1961, to render service during each academic year, \$9,300 a year, supersedes (8-13-60).
- PRINCE, LOUISE, Head Resident, Noble House, ten months from September 1, 1960, \$4,200; for the convenience of the University she will also be furnished an apartment and meals, valued at \$31 a month, supersedes (7-28-60).
- PRINCE, THOMAS R., Instructor in Accountancy,  $\frac{1}{4}$  time, academic year beginning September 1, 1960, \$1,200 (6-17-60).
- PROFF, FRED C., Associate Professor of Education,  $\frac{1}{2}$  time, August 14-27, 1960, \$244.44 (8-15-60).
- RACKIN, PHYLLIS, Assistant in English, nine months from September 16, 1960, \$3,800 (6-22-60).
- RAGAB, MOHAMED H. H., Research Associate in Vegetable Crops (Horticulture) (S), one year from September 1, 1960, \$7,000 (8-8-60).
- RAMA RAO, PALAMANDA B., Research Associate in Animal Science (S), one year from September 1, 1960, \$5,700 (7-18-60).
- RASMUSSEN, MRS. LORE, Visiting Research Associate in Education, August 15-20, 1960, \$167 (8-24-60).
- REDDY, THOMAS B., Research Associate in Chemistry, ten months from September 1, 1960, \$5,500 a year (7-19-60).
- REID, ERNEST A., Professor of Electrical Engineering (College of Engineering and Graduate College),  $\frac{1}{2}$  time, academic year beginning September 1, 1960, \$4,500 (7-28-60).
- REIMER, BENNETT, Instructor in Education, Office of Teacher Placement, academic year beginning September 1, 1960, \$6,500 (8-11-60).
- REINER, IRMA M., Assistant Professor of Mathematics,  $\frac{1}{2}$  time, academic year beginning September 1, 1960, \$3,600 (8-12-60).
- RENICK, THEODORE F., Counselor in the Student Counseling Service, Provost's Office, five months from September 1, 1960, \$566.67 a month (7-27-60).
- RITCHIE, MRS. FLORENCE, Resident Assistant, Arbor Suites, ten months from September 1, 1960, \$1,600; for the convenience of the University she will also be furnished an apartment and meals (8-27-60).
- ROBBINS, WALTER L., Instructor in German, academic year beginning September 1, 1960, \$5,700 (6-25-60).
- ROBERT, BARBARA, Research Associate in Biological Chemistry (Medicine), one year from September 1, 1960, \$6,700 (8-8-60).
- ROBERTS, JOHN R., Assistant in English, nine months from September 16, 1960, \$4,200, supersedes (7-2-60).
- ROBINET, McLOUIS J., Assistant in Physics, Department of Chemistry (Pharmacy), nine months from September 16, 1960, \$3,800 (8-15-60).
- ROBINSON, WILFRED K., Assistant in the Institute of Aviation, nine months from September 16, 1960, \$4,500 (6-18-60).
- ROOTS, BETTY I., Visiting Assistant Professor of Physiology, nine months from September 16, 1960, \$6,500 (8-27-60).
- ROSENSTEIN, HERBERT R., Instructor in Applied Materia Medica and Therapeutics (Dentistry),  $\frac{2}{3}$  time, one year from September 1, 1960, \$2,800 (8-29-60).
- ROSTAS, FRANCOIS M., Research Assistant in Electrical Engineering (S), eleven months from October 1, 1960, \$5,000 a year (9-2-60).
- ROTH, MARTIN, Assistant in English (Chicago Undergraduate Division), to render service during the first semester of the academic year, September 16, 1960-January 31, 1961, \$466.67 a month (7-7-60).
- ROWE, RICHARD L., Assistant in English, nine months from September 16, 1960, \$3,800 (7-2-60).
- ROWIN, GERALD, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1960, \$4,650, supersedes (8-30-60).
- RUSSMAN, BURTON A., Clinical Instructor in Ophthalmology (Medicine),  $\frac{1}{2}$  time, one year from September 1, 1960, \$1,500 (7-27-60).

- SABINE, CLARK L., Instructor in Occupational Therapy (Medicine), one year from September 1, 1960, \$5,900 (7-18-60).
- SALKASKAS, NIJOLE A., Instructor in Applied Materia Medica and Therapeutics (Dentistry), one year from September 1, 1960, \$7,000, supersedes (8-29-60).
- SAMPSON, JESSE, Professor of Veterinary Physiology and Pharmacology and Head of the Department (College of Veterinary Medicine) and Professor of Veterinary Research (Agricultural Experiment Station), indefinite tenure beginning September 1, 1960, \$12,900 a year, supersedes (7-14-60).
- SANDERSON, GLEN C., Research Associate in the State Natural History Survey, one year from September 1, 1960, \$6,000 (8-27-60).
- SANFORD, EDWARD T., Acting Director of the Undergraduate Scholarship Program, Office of Admissions and Records, one year from September 1, 1960, \$9,600, supersedes (8-22-60).
- SANGSTER, WILLIAM, Professor of Biological Sciences, on indefinite tenure, and Acting Chairman of the Division, one year (Chicago Undergraduate Division), to render service during each academic year, beginning September 1, 1960, \$10,200 a year, supersedes (7-18-60).
- SANKOVITCH, ANATOL, Clinical Instructor in Surgery (Medicine), July 1, 1960-August 31, 1961, without salary (7-27-60).
- SATO, TAKEO, Research Associate in Chemistry, one year from October 1, 1960, \$5,700 (8-24-60).
- SATTERLEE, MARILYN M., Assistant Acquisition Librarian, with rank of Assistant Professor (Library), one year from September 1, 1960, \$7,500, supersedes (8-11-60).
- SAVIO, MARY A., Assistant in English, nine months from September 16, 1960, \$3,800 (7-2-60).
- SAVOY, MICHAEL, Instructor in Physical Sciences (Chicago Undergraduate Division),  $\frac{1}{2}$  time, academic year beginning September 1, 1960, \$2,900 (6-21-60).
- SCHAFFNER, BETTE T., Instructor in Home Economics (C), academic year beginning September 1, 1960, \$5,400 (7-27-60).
- SCHEYER, FREDERICK D., Assistant in the Institute of Aviation, nine months from September 16, 1960, \$4,050 (8-17-60).
- SCHMIDT, JOHN E., Instructor in Veterinary Anatomy and Histology (College of Veterinary Medicine), one year from September 1, 1960, \$6,500, supersedes (8-13-60).
- SCHNEIDER, JOHN M., Instructor in Electrical Engineering (C),  $\frac{1}{2}$  time, academic year beginning September 1, 1960, \$1,000, supersedes (7-27-60).
- SCHOOLMAN, HAROLD M., Clinical Assistant Professor of Medicine (Medicine), eleven months from October 1, 1960, without salary (8-29-60).
- SCHWARZ, ENRIQUE, Assistant Professor of Radiology (Medicine),  $\frac{3}{4}$  time, one year from September 1, 1960, \$10,650, supersedes (7-12-60).
- SCOGGINS, JAMES L., Assistant in English, nine months from September 16, 1960, \$3,800 (7-2-60).
- SECTER, IRVING I., Instructor in Patient Admissions (Dentistry),  $\frac{1}{2}$  time, one year from September 1, 1960, \$1,400 (8-29-60).
- SEN, ARUN K., Clinical Assistant Professor of Anesthesiology, in the Department of Surgery (Medicine), July 1, 1960-August 31, 1961, without salary (7-27-60).
- SEN GUPTA, RANAJIT, Research Associate in Chemistry, three months from September 1, 1960, \$1,500 (8-13-60).
- SHANNON, MRS. BARBARA M., Assistant in Home Economics (C and S), one year from September 1, 1960, \$5,100 (7-28-60).
- SHANNON, DONALD T., Assistant Professor of Psychology, academic year beginning September 1, 1960, \$7,800, supersedes (7-28-60).
- SHEN, FA-CHUN, Research Assistant in Civil Engineering (S), July 1-September 15, 1960, \$466.67 a month (7-18-60).
- SHERMAN, MARILYN J., Assistant in Education (University High School), nine months from September 16, 1960, \$4,700 (8-30-60).
- SHIN, KOO C., Research Associate in Civil Engineering (S),  $\frac{3}{4}$  time, September 15, 1960-August 31, 1961, to render service during the academic year, \$3,900 a year (8-8-60).
- SHKLAIR, IRVING L., Research Associate in Applied Materia Medica and Therapeutics (Dentistry),  $\frac{1}{10}$  time, one year from September 1, 1960, \$800 (8-29-60).

- SHOULDERS, MRS. BETTY K., Assistant Head Resident, Lincoln Avenue Residence (North), ten months from September 1, 1960, \$420 a month; for the convenience of the University she will be furnished meals, while on duty, valued at \$21 a month (7-18-60).
- SHUGRUE, MICHAEL F., Instructor in English, academic year beginning September 1, 1960, \$5,800 (8-13-60).
- SIMIOS, NICHOLAS, Instructor in Operative Dentistry (Dentistry),  $\frac{3}{4}$  time, one year from September 1, 1960, \$3,000, supersedes (8-29-60).
- SINHA, RANA P., Research Associate in Ophthalmology (Medicine), July 1, 1960-March 31, 1961, without salary (7-27-60).
- SIPPY, RODNEY E., Instructor in Full and Removable Partial Dentures (Dentistry),  $\frac{1}{2}$  time, one year from September 1, 1960, \$3,300 (6-25-60).
- SLANKER, MRS. BARBARA O., Library Assistant in the Library, one year from September 1, 1960, \$5,400, supersedes (7-12-60).
- SLOAN, THOMAS O., Assistant Professor of Speech and Theater, academic year beginning September 1, 1960, \$6,300, supersedes (8-24-60).
- SMALLEY, WEBSTER L., Assistant Professor of Speech, academic year beginning September 1, 1960, \$6,300, supersedes (7-12-60).
- SMITH, CEDRIC M., Associate Professor of Pharmacology (Medicine), indefinite tenure beginning September 1, 1960, \$13,200 a year, supersedes (8-11-60).
- SMITH, ROBERT I., Research Associate in the State Natural History Survey, one year from September 1, 1960, \$5,880 (8-27-60).
- SONS, GLEN F., Instructor in Agricultural Extension and Assistant State Leader of Farm Advisers (E), one year from September 1, 1960, \$10,000 (8-8-60).
- SOPHIANOPOULOS, JUDITH, Research Associate in Chemistry, one year from September 1, 1960, \$5,700 (8-15-60).
- SPILLMAN, CHARLES K., Assistant in Agricultural Engineering (S), June 20-August 13, 1960, \$400 a month, supersedes (8-3-60); and one year from September 1, 1960, \$4,800 (9-1-60).
- SPRENKLE, CASE M., Research Assistant in Economics, in the College of Commerce and Business Administration on  $\frac{1}{2}$  time, and in the Graduate College on  $\frac{1}{2}$  time, two months from July 1, 1960, \$1,555.56 for the period (7-21-60); and Assistant Professor of Economics, academic year beginning September 1, 1960, \$7,000, supersedes (7-7-60).
- STACHNIAK, JOSEPH, Instructor in Fixed Partial Prosthodontics (Dentistry),  $\frac{1}{2}$  time, one year from September 1, 1960, \$3,500, supersedes (8-29-60).
- STANSEL, HORACE C., Instructor in Surgery (Medicine),  $\frac{7}{10}$  time, one year from July 1, 1960, \$4,000 (7-18-60).
- STEIMLEY, LEONARD L., Associate Professor of Mathematics, August 15-September 11, 1960, \$280 (9-1-60).
- STEIN, LASZLO, Instructor in Audiology, Department of Otolaryngology (Medicine), one year from September 1, 1960, \$6,800 (8-13-60).
- STEINBERG, MARVIN A., Research Assistant in the Institute for Research on Exceptional Children, two months from June 16, 1960, \$400 a month, supersedes (7-28-60).
- STEINHARDT, MARY-DELL M., Research Assistant in Chemistry, two months from June 16, 1960, \$400 a month (7-28-60).
- STEINRAUF, LARRY K., Assistant Professor of Physical Chemistry,  $\frac{1}{2}$  time, and Research Assistant Professor of Chemistry,  $\frac{1}{2}$  time, academic year beginning September 1, 1960, \$6,400, supersedes (8-29-60).
- STRIEGLER, KLAUS B., Research Associate in Chemistry, one year from September 1, 1960, \$5,500 (6-18-60).
- SUGAI, MASUO, Research Associate in Food Technology (S), one year from September 1, 1960, \$5,500 (7-2-60).
- SWARTS, CHARLES L., Instructor in Pediatrics (Medicine),  $\frac{1}{2}$  time, one year from September 1, 1960, \$2,750 (8-29-60).
- SWENEY, ARTHUR B., Research Assistant Professor of Psychology, academic year beginning September 1, 1960, \$7,400 (7-7-60).
- SYED, AMNA K., Instructor in Education, six months from September 1, 1960, to render service during the first semester of the academic year, \$458.33 a month (9-6-60).
- TAKAYAMA, NORIYUKI, Instructor in Surgery (Medicine),  $\frac{3}{4}$  time, one year from July 1, 1960, \$3,600 (7-12-60).

- TALBOT, GEORGE A., Lecturer in Sociology, one year from September 1, 1960, \$6,500 (7-12-60).
- TELLING, FERN, Housemother in the Speech Summer Residential Program, Summer Session of 1960, June 20-August 13, 1960, \$250 for the period, supersedes her previous Summer Session appointment (8-2-60).
- THOMSON, ROBB M., Associate Professor of Physical Metallurgy (C), two months from June 16, 1960, \$933.33 a month; this is in addition to his present appointment (7-28-60).
- THUDIUM, D. ESTHER, Instructor in Hygiene and Psychiatric Social Worker in the Health Service, one year from September 1, 1960, \$7,200 (8-13-60).
- TRIANDAFILIDIS, GEORGE E., Assistant Professor of Civil Engineering (C), academic year beginning September 1, 1960, \$6,800, supersedes (7-28-60).
- TUCK, SAMMIE, JR., Research Assistant in Physical Medicine and Rehabilitation (Medicine), one year from September 1, 1960, \$5,400, supersedes (7-7-60).
- TUCKER, ROSS N., Research Associate in Metallurgical Engineering (C), one year from September 1, 1960, \$7,500, supersedes (8-27-60).
- ULLMAN, ROBERT W., Visiting Lecturer in Education, July 18-August 13, 1960, \$1,100 (7-19-60).
- VAUGHAN, HERBERT E., Professor of Mathematics, academic year beginning September 1, 1960, \$12,000; and Professor of Mathematics, on indefinite tenure beginning September 1, 1961, to render service during each academic year, \$9,000 a year, supersedes (8-19-60).
- VERDEYEN, JOSEPH T., Instructor in Electrical Engineering (S), one year from September 1, 1960, \$7,800, supersedes (7-2-60).
- VOGEL, WADE W., Assistant in the Institute of Aviation, nine months from September 16, 1960, \$4,050 (6-18-60).
- VORBECK, JOSEPH F., Assistant in the Institute of Aviation, nine months from September 16, 1960, \$4,500 (6-18-60).
- WAITZ, MRS. JANET L., Reference Assistant in the Library, one year from September 1, 1960, \$5,350, supersedes (7-7-60).
- WALDBAUER, GILBERT P., Assistant Professor of Entomology, academic year beginning September 1, 1960, \$6,000, supersedes (7-2-60).
- WALDIE, SUE L., Research Assistant in the Bureau of Economic and Business Research, one year from September 1, 1960, \$4,775 (7-18-60).
- WALKER, DIANNE, Undergraduate Library Assistant (Library), one year from September 1, 1960, \$5,350, supersedes (7-12-60).
- WALKER, HELEN E., Visiting Lecturer in Library Science (Graduate School of Library Science),  $\frac{1}{4}$  time, academic year beginning September 1, 1960, \$1,600 (8-13-60).
- WALLACE, CHRISTOPHER S., Research Associate in the Digital Computer Laboratory, eleven months from October 1, 1960, \$6,200 a year (6-22-60).
- WANG, SHU-YUNG, Research Associate in Oral Pathology (Dentistry),  $\frac{1}{2}$  time, one year from September 1, 1960, \$4,360, supersedes (7-27-60).
- WARE, EDWARD E., Research Assistant Professor in the Institute of Communications Research, one year from September 1, 1960, \$7,700 (7-19-60).
- WEATHERFORD, MRS. MARY A., Microanalyst in Chemistry, September 12, 1960-August 31, 1961, \$4,700 a year (9-2-60).
- WEBB, ROBERT J., Professor of Agricultural Research and Extension and Adviser to Farm Manager Tarai State Farm, Rudrapur, U.P. India, November 1, 1959-October 31, 1961, \$14,300 a year; in addition, allowances and expenses will be paid as provided in the Standardized United States Government Civilian Allowance Regulations (Foreign Service) as applied to services in India; and Superintendent of Dixon Springs Experiment Station and Professor of Agricultural Research and Extension (S and E), on indefinite tenure beginning November 1, 1961, \$12,000 a year; for the convenience of the University he will also be furnished housing, supersedes (7-18-60).
- WEINBERG, ELLIOT C., Instructor in Mathematics, academic year beginning September 1, 1960, \$7,000 (7-28-60).
- WEINSTEIN, SHIRLEY, Instructor in Medical Social Work (Medicine),  $\frac{1}{4}$  time, ten months from September 1, 1960, \$127.50 a month, supersedes (9-2-60).
- WEINSWIG, PATRICIA A., Assistant in Pharmacy (Pharmacy), nine months from September 16, 1960, \$3,800 (7-7-60).
- WENAS, PAUL E., Instructor in Chemistry,  $\frac{1}{2}$  time, academic year beginning September 1, 1960, \$2,400 (9-6-60).



- WESTMEYER, PAUL, Assistant Professor of Education (University High School), academic year beginning September 1, 1960, \$7,600, supersedes (8-13-60).
- WESTON, PATRICIA G., Research Assistant in Chemistry, nine months from September 16, 1960, \$3,800 (6-18-60).
- WETMORE, LOUIS B., Professor of City and Regional Planning, Department of City Planning and Landscape Architecture, July 1-August 15, 1960, \$2,300; this is in addition to his present appointment (8-24-60).
- WHITE, MARGARET, Assistant in English, September 16, 1960-January 31, 1961, \$422.22 a month (8-17-60).
- WHITENER, ROBERT W., Psychiatrist and Associate Professor of Hygiene in the Health Service, indefinite tenure beginning September 1, 1960, \$15,000 a year, supersedes (7-28-60).
- WICKS, MALCOLM J., Instructor in Mathematics, to render service during the first semester of the academic year, September 16, 1960-January 31, 1961, \$3,000 (7-22-60).
- WILD, WOLFGANG, Research Associate in Physics (C), September 15-October 31, 1960, \$650 a month (8-24-60).
- WILLIAMS, EDWARD W., Assistant in Animal Science (C and S), two months from July 1, 1960, \$366.67 a month (7-18-60).
- WILLIAMS, THOMAS H., Research Associate in Accountancy,  $\frac{1}{2}$  time, academic year beginning September 1, 1960, \$2,500 (7-5-60).
- WILLIS, ALICE, Visiting Lecturer in Library Science (Graduate School of Library Science),  $\frac{1}{4}$  time, academic year beginning September 1, 1960, \$2,000 (8-13-60).
- WILSON, BETTY R., Extramural Loans Librarian, with rank of Assistant (Library), one year from September 1, 1960, \$5,450, supersedes (7-2-60).
- WILSON, HAROLD K., Assistant Professor of Dairy Technology (Food Technology), in the College of Agriculture on  $\frac{3}{10}$  time, and in the Agricultural Experiment Station on  $\frac{7}{10}$  time, one year from September 1, 1960, \$7,350 (7-2-60).
- WILSON, PAUL E., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1960, \$5,600 (6-17-60).
- WINTON, HENRY J., Instructor in Electrical Engineering (C),  $\frac{1}{2}$  time, academic year beginning September 1, 1960, \$3,200; this is in addition to his appointment as Hewlett-Packard Company Teaching Fellow in Electrical Engineering (8-8-60).
- WOZNIAK, ROBERT S., Instructor in Theoretical and Applied Mechanics (C),  $\frac{1}{2}$  time, academic year beginning September 1, 1960, \$2,700 (6-17-60).
- WRIGHT, JUDITH S., Assistant in Chemistry, nine months from September 16, 1960, \$3,800 (8-3-60).
- YANKOVSKY, SAUL A., Research Assistant in Microbiology, one year from September 1, 1960, \$5,200, supersedes (8-27-60).
- YUSKEN, JOHN W., Research Associate in Radiology (Medicine), one year from September 1, 1960, \$7,250, supersedes (7-12-60).
- ZACCARIA, LUCY C., Assistant Professor of Psychology, and Supervisor for Test Research and Services and Counselor in the Student Counseling Service (Chicago Undergraduate Division), one year from September 1, 1960, \$9,100 (6-17-60).
- ZACHMAN, HELEN, Cataloger, with rank of Instructor (Library), one year from September 1, 1960, \$5,500 (8-11-60).
- ZAHNER, LOUIS C., Visiting Professor of Education (University High School), nine months from September 16, 1960, \$11,700 (7-28-60).
- ZIMMERMAN, MRS. MARIE, Counseling Assistant in the Student Counseling Service, nine months from September 16, 1960, \$4,500 (9-2-60).
- ZIPFRODT, MARILYN F., Assistant in Speech and Theater, September 16, 1960-January 31, 1961, \$422.22 a month (8-24-60).

#### GRADUATE FELLOWS

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

- ANDERSEN, BURTON R., United States Public Health Service Postdoctoral Research Fellow (Special) in Medicine (Chicago Professional Colleges), one year from July 1, 1960, without stipend (8-19-60).

- BAER, DANIEL, United States Public Health Service Student Fellow in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1960, \$600 (8-30-60).
- BEAMAN, DONALD R., Inland Steel Foundation Fellow in Metallurgical Engineering, nine months from September 16, 1960, \$2,400 (7-22-60).
- BOROWITZ, GENE H., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1960, \$3,600 (7-15-60).
- BRAKE, JON M., Charles Pfizer Fellow in Chemistry, nine months from September 16, 1960, \$2,000 (8-16-60).
- BUZDYGAN, DANUTA J., Center for Handicapped Children Fellow (Trainee) (Chicago Professional Colleges), eleven months from October 1, 1960, \$5,000 (8-30-60).
- CARBERRY, MARTHA M., United States Public Health Service Fellow (Trainee) in Education, two months from June 16, 1960, \$500 (7-27-60).
- COOPER, LESLIE M., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$3,000 (8-8-60).
- ENDRES, JOSEPH G., United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1960, \$2,200, supersedes (8-1-60).
- FERRER, JOSE L., Cancer Clinic Trainee (Tumor Clinic) (Chicago Professional Colleges), one year from July 1, 1960, \$3,600 (8-16-60).
- FRIEDMAN, STEPHEN B., United States Public Health Service Fellow (Trainee) in Microbiology, nine months from September 16, 1960, \$1,800 (7-29-60).
- GOVINDJEE, Postdoctoral Fellow in Physiology-Biophysics, nine months from October 1, 1960, \$4,500 (9-2-60).
- HANSON, RICHARD S., United States Public Health Service Fellow (Trainee) in Microbiology, nine months from September 16, 1960, \$1,800 (7-29-60).
- HAYASHI, MASAKI, United States Public Health Service Fellow (Trainee) in Microbiology, nine months from September 16, 1960, \$1,800 (7-29-60).
- HOLMES, PETER K., United States Public Health Service Fellow (Trainee) in Microbiology, nine months from September 16, 1960, \$1,800 (7-29-60).
- IRGENS, ROAR L., United States Public Health Service Fellow (Trainee) in Microbiology, three months from June 16, 1960, \$600 (7-8-60).
- JACOBSON, MARCUS A., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1960, \$3,600 (7-15-60).
- JANADO, MASANOBU, United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1960, \$2,200 (8-1-60).
- JOHNSON, HAROLD J., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$3,000 (8-8-60).
- KAEBERLE, MERLIN L., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from June 16, 1960, \$1,500 (8-9-60).
- KANO-SUEOKA, TANIKO, United States Public Health Service Fellow (Trainee) in Microbiology, nine months from September 16, 1960, \$1,800 (7-29-60).
- KUNIN, SAMUEL S., Student Public Health Service Fellow in the Chicago Professional Colleges, two months from July 1, 1960, \$600 (6-17-60); and United States Public Health Service Student Fellow in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1960, \$600 (8-30-60).
- LANGFORD, ROBERT P., United States Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1960, \$700 (8-2-60).
- LEEDOM, JOHN M., United States Public Health Service Postdoctoral Research Fellow (Special) in Medicine (Chicago Professional Colleges), one year from July 1, 1960, without stipend (8-13-60).
- LOOKER, JEROME J., Charles Pfizer Fellow in Chemistry, nine months from September 16, 1960, \$1,800 (7-22-60).
- LUNN, HUEY N., General Electric Foundation Teaching Fellow in Accountancy, nine months from September 16, 1960, \$1,000 (7-1-60).
- MARQUINEZ, ANA C., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), four months from September 1, 1960, \$1,000 (7-15-60).
- MARSHALL, WILLIAM E., JR., United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1960, \$2,200 (8-1-60).

- MASON, RICHARD A., National Institutes of Health Fellow (Trainee) in Veterinary Medical Science, one year from August 1, 1960, \$6,700 (6-2-60).
- MAURER, EVA D., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$1,800 (8-8-60).
- MCCLURE, MELVIN T., General Electric Foundation Fellow in Accountancy, nine months from September 16, 1960, \$1,000 (7-1-60).
- MCQUEEN, RALPH D., National Institutes of Health Fellow (Trainee) in Veterinary Medical Science, one year from July 1, 1960, \$2,900 (8-9-60).
- MEYEROVITZ, ROBERT, United States Public Health Service Student Fellow in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1960, \$600 (8-30-60).
- MILLER, JOHN P., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3,000 (7-8-60).
- MUSLIN, HYMAN, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), six months from July 1, 1960, \$1,800 (7-15-60).
- PAPAGEORGIS, DEMETRIOS, United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$2,400 (8-8-60).
- PARKS, JOE M., United States Public Health Service Postdoctoral Fellow in Chemistry,  $\frac{1}{2}$  time, one year from September 1, 1960, \$3,600; this is in addition to his appointment as Research Associate in Chemistry,  $\frac{1}{2}$  time (8-13-60).
- PERCHONOK, KENNETH S., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$1,800 (8-8-60).
- PERKINS, CHARLES W., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$2,000 (8-8-60).
- PIECHOWSKI, MICHAEL, United States Public Health Service Fellow (Trainee) in Microbiology, September 16, 1960-January 31, 1961, \$900 (7-29-60).
- PIEPER, WILLIAM, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1960, \$3,000 (7-15-60).
- PIORKOWSKI, GERALDINE K., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$2,400 (8-8-60).
- PRINCE, THOMAS R., General Electric Foundation Teaching Fellow in Accountancy, nine months from September 16, 1960, \$1,000 (7-1-60).
- REEVE, SYDNEY JOAN, United States Public Health Service Fellow (Trainee) in Microbiology, nine months from September 16, 1960, \$1,800 (7-29-60).
- RUSSELL, PETER B., Teaching Fellow in Mathematics, nine months from September 16, 1960, \$1,000, superseded (7-26-60).
- SAMPSON, LAWRENCE, United States Public Health Service Fellow (Trainee) in Medicine (Chicago Professional Colleges), July 1-September 15, 1960, \$600 (7-15-60).
- SCHULMAN, ROBERT E., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$2,400 (8-8-60).
- SOLOWAY, HARRY, United States Public Health Service Student Fellow in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1960, \$600 (8-30-60).
- STONE, WILLIAM G., Seymour Vestermark Fellow (American Psychiatric Association) (Chicago Professional Colleges), two months from July 1, 1960, \$600 (7-19-60).
- STORCK, ROGER L., Postdoctoral Fellow in Microbiology, one year from September 1, 1960, \$7,500 (8-27-60).
- SZULCZYNSKI, TADEUSZ, Postdoctoral Fellow in Civil Engineering, one year from September 1, 1960, \$4,200 (5-6-60).
- TERWILLIGER, JAMES S., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$2,400 (8-8-60).
- UNGER, LEON, United States Public Health Service Fellow (Trainee) in Microbiology, nine months from September 16, 1960, \$1,800 (7-29-60).
- VANEGEREN, LAWRENCE F., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$1,800 (8-8-60).
- WEBER, DENNIS F., United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), one year from September 1, 1960, \$4,500 (7-26-60).

- WEINBERG, HOWARD, United States Public Health Service Student Fellow in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1960, \$600 (8-30-60).
- WHITMAN, JOHN M., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1960, \$3,000 (7-15-60).
- WIELAND, ANNA M., Fight for Sight Summer Student Fellow in Ophthalmology (Chicago Professional Colleges), three months from July 1, 1960, \$600 (7-5-60).
- WILCOX, DAVID L., Lead Industries Association Fellow in Ceramic Engineering, nine months from September 16, 1960, \$2,000 (8-2-60).
- WILLIAMS, DONALD H., United States Public Health Service Post-Sophomore (Medical) Research Fellow (Chicago Professional Colleges), one year from July 1, 1960, \$3,200 (7-7-60).
- WRIGHT, WILLIAM V., United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1960, \$2,200, supersedes (8-1-60).
- ZALIS, ORESTE, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1960, \$3,000 (7-15-60).

#### RESIGNATIONS AND DECLINATIONS

- ACKERT, MRS. HELEN O., Instructor in Nursing—resignation effective August 31, 1960.
- ALAUPOVIC, PETAR, Research Associate in Animal Science—resignation effective September 1, 1960.
- ALLEN, RICHARD R., National Science Foundation Cooperative Fellow in Physics—resignation effective September 1, 1960.
- ANDERSEN, BURTON R., Research Assistant in Medicine (Medicine)—resignation effective July 1, 1960.
- APPELL, ALICE J., Assistant Acquisition Librarian, with rank of Assistant Professor—declination effective September 1, 1960.
- BAKER, PETER E., Fellow in Geology—resignation effective September 16, 1960.
- BARKER, VICTOR G., Fellow in Business Administration—resignation effective September 16, 1960.
- BATELL, THOMAS F., Assistant in English—resignation effective September 16, 1960.
- BAUM, BARBARA, Research Assistant in Education (University High School)—resignation effective March 31, 1960.
- BAY, MRS. ANCILLA S., Microanalyst in Chemistry—resignation effective September 14, 1960.
- BERKWITS, EDWARD, Physician in the Health Service (Chicago Professional Colleges)—resignation effective May 24, 1960.
- BILLINGER, WILBERT, Registered Pharmacist (Pharmacy)—resignation effective September 1, 1960.
- BOATMAN, RALPH H., Lecturer in Public Health, with rank of Assistant Professor (Medicine)—resignation effective September 1, 1960.
- BROWN, ROGER K., Instructor in Education—declination effective July 18, 1960.
- BRUNSCHWIG, FREDERIC, Research Associate in Electrical Engineering—declination effective September 1, 1960.
- CHAO, BEI TSE, Professor of Mechanical Engineering, two months from June 16, 1960—resignation effective July 16, 1960.
- CHIPMAN, WILMON B., Research Assistant in Chemistry—resignation effective July 16, 1960.
- CHOW, JUDITH K., Microanalyst in Chemistry—declination effective September 1, 1960.
- COLE, ROBERT E., III, Instructor in Economics (Chicago Undergraduate Division)—declination effective September 1, 1960.
- CRAIG, JEWELUS, Research Associate in Plant Pathology—resignation effective August 26, 1960.
- CRUZ, NORA J., Fellow in Communications—resignation effective September 16, 1960.
- CUMMINS, RICHARD L., Research Assistant in the Digital Computer Laboratory—resignation effective August 1, 1960.

- DAVIS, BARBARA E., Music Library Assistant, with rank of Instructor — declination effective September 1, 1960.
- DICKENS, RUTH E., Assistant in Rural Recreation — resignation effective October 23, 1960.
- DILLMAN, PHILLIP, Assistant in English — declination effective September 16, 1960.
- DUST, ALVIN I., Assistant in English — resignation effective September 16, 1960.
- FOSDICK, ERICA R., Assistant in Education (University High School) — declination effective September 16, 1960.
- FRENCH, JAMES L., Engineering Faculty Development Teaching Fellow in Mechanical Engineering — resignation effective September 1, 1960.
- FRIERMOOD, MARGARET J., Resident Assistant, Allen Hall — declination effective September 1, 1960.
- GANTT, MARGARET E., Research Associate in Medicine (Medicine) — declination effective September 1, 1960.
- GARMAN, PAUL M., Assistant Coordinator of School and University Articulation — declination effective September 1, 1960.
- GERLER, WILLIAM, Clinical Counselor in the Student Counseling Service, with rank of Assistant Professor — declination effective September 1, 1960.
- GOLDSMITH, HENRY J., Research Associate in Medicine (Medicine) — declination effective September 1, 1960.
- GREATHOUSE, TERRY R., Instructor in Animal Science Extension — resignation effective October 1, 1960.
- GUPTA, OM P., Assistant Professor of Applied Materia Medica and Therapeutics (Dentistry) — resignation effective September 1, 1960.
- HAMMER, JOHN G., Associate Professor of Civil Engineering — resignation effective October 1, 1960.
- HARADA, MASARO, Instructor in Applied Materia Medica and Therapeutics (Dentistry) — declination effective September 1, 1960.
- HEAGARTY, MARY A., Teaching Fellow in English — resignation effective September 16, 1960.
- HINMAN, NORMAN H., Assistant in Animal Science — resignation effective September 1, 1960.
- HOOPS, HELEN W., Assistant in Speech — declination effective September 16, 1960.
- HUBER, WILLIAM G., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science — resignation effective September 1, 1960.
- JAMBOR, JAMES J., Assistant Professor of Dermatology (Medicine) — resignation effective September 1, 1960.
- KENNIEBREW, ALONZO, Research Assistant in the Institution of Tuberculosis Research (Chicago Professional Colleges) — declination effective September 1, 1960.
- KETCHUM, JERALD W., Assistant in English — declination effective September 16, 1960.
- KOLKER, HAROLD J., National Science Foundation Cooperative Fellow in Chemistry — resignation effective September 15, 1960.
- KRISHNA, KUMAR, Instructor in Biological Sciences (Chicago Undergraduate Division) — declination effective September 1, 1960.
- KREZYWOLOCKI, M. ZBIGNIEW, Professor of Aeronautical Engineering — declination effective September 1, 1960.
- KUMAR, HARDARSHAN, Fellow in Botany — resignation effective September 16, 1960.
- LAUCHNER, JULIAN H., Research Associate Professor of Ceramic Engineering — declination effective September 1, 1960.
- LEE, DONALD A., Research Associate in the Coordinated Science Laboratory — declination effective September 1, 1960.
- LEEDOM, JOHN M., Research Assistant in Medicine (Medicine) — declination effective July 1, 1960.
- LEFORT, HENRY G., Research Associate in Ceramic Engineering — resignation effective August 1, 1960.
- LEWIS, MRS. ORDA E., Mathematics Institute Fellow in Mathematics — resignation effective September 16, 1960.
- LIND, NIELS C., Assistant Professor of Theoretical and Applied Mechanics — resignation effective September 1, 1960.
- MACEY, ROBERT, Assistant Professor of Physiology (Medicine) — declination effective September 1, 1960.

- MANGAN, KENNETH R., Associate Professor of Education in the Institute for Research on Exceptional Children—declination effective September 1, 1960.
- MCALLESE, DESMOND M., Research Associate in Animal Science—resignation effective September 1, 1960.
- MCDONOUGH, GEORGE F., Assistant Professor of Civil Engineering—declination effective September 1, 1960.
- MCGREW, ELIZABETH A., Associate Professor of Pathology (Medicine), and Associate Pathologist in the Research and Educational Hospitals—resignation effective September 1, 1960.
- MEDLEY, KEITH G., Assistant Professor of Anesthesiology (Medicine)—resignation effective July 1, 1960.
- METTA, VENKATA C., Research Assistant Professor of Animal Nutrition (Animal Science)—resignation effective September 1, 1960.
- METZGER, MARY J., Fellow in the Chicago Professional Colleges—resignation effective September 1, 1960.
- MITCHELL, GEORGE E., JR., Assistant Professor of Animal Science—resignation effective September 17, 1960.
- MOON, CARL A., Assistant in English—declination effective September 16, 1960.
- MORGAN, JAMES J., Instructor in Civil Engineering—declination effective September 1, 1960.
- MOUNT, WILLIAM J., Instructor, and Specialist in Food Merchandising and Consumer Education—resignation effective July 15, 1960.
- NENADOVICH, LUBITSA, Assistant in English—declination effective September 16, 1960.
- NOJIMA, SHOSHICHI, Research Associate in Chemistry—resignation effective July 16, 1960.
- NUNNALLY, JUM C., JR., Associate Director of University Honors Programs, Associate Dean of the College of Liberal Arts and Sciences, and Associate Professor of Psychology—declination effective September 1, 1960.
- OTSU, TAKAYUKI, Research Associate in Chemistry—resignation effective August 25, 1960.
- RHODES, MRS. CHARLOTTE K., Assistant in Home Economics—resignation effective September 1, 1960.
- SANER, REGINALD, Assistant in English—resignation effective September 16, 1960.
- SAXTON, GEORGE A., Director of Research in the Respiratory Center, with rank of Associate Professor (Medicine and Research and Educational Hospitals)—declination effective September 1, 1960.
- SCHAEFFLER, WILHELM F., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station)—resignation effective September 12, 1960.
- SCHOONOVER, DAVID M., Assistant in Agricultural Economics—declination effective September 1, 1960.
- SCHUETZ, WARREN H., Instructor in Education (University High School)—resignation effective September 1, 1960.
- SCOTT, ROBERT B., Assistant Professor of Pharmacy Administration (Pharmacy)—resignation effective September 1, 1960.
- SHIELDS, DONALD H., Fellow in Civil Engineering—resignation effective September 16, 1960.
- SHIN, KOO C., Research Associate in Civil Engineering—declination effective September 15, 1960.
- SINAIKO, H. WALLACE, Research Assistant Professor in the Coordinated Science Laboratory and Research Assistant Professor of Psychology—resignation effective September 1, 1960.
- SMITH, GARMOND S., Research Associate in Animal Science—declination effective September 1, 1960.
- SPAETH, JOE L., Instructor in Sociology (Chicago Undergraduate Division)—resignation effective September 1, 1960.
- SPUHLER, HAROLD A., Research Associate in Electrical Engineering—declination effective September 1, 1960.
- STACHNIAK, ANNE A., Instructor in Nursing—resignation effective September 1, 1960.
- STEVENS, HELEN L., Assistant in Education (University High School)—declination effective September 16, 1960.

- STEWART, MARY E., Research Assistant in Psychiatry (Medicine) — declination effective September 1, 1960.
- STROMLUND, ERNEST V., Instructor in Veterinary Anatomy and Histology — declination effective September 1, 1960.
- SULLIVAN, DENIS G., Fellow in Political Science — declination effective August 1, 1960.
- TENNY, KENNETH S., United States Public Health Service Fellow (Trainee) in Food Technology — resignation effective September 1, 1960.
- VENEMA, WILLIAM, JR., Instructor in Operative Dentistry (Dentistry) — resignation effective September 1, 1960.
- WARWARUK, ALEXANDRA, Research Assistant in Agricultural Entomology — resignation effective August 1, 1960.
- WEEKS, WALTER L., Associate Professor of Electrical Engineering — resignation effective September 1, 1960.
- WISNER, RICHARD P., Research Associate in the Coordinated Science Laboratory — resignation effective September 1, 1960.
- YOUNG, JAMES R., Instructor in Electrical Engineering — declination effective September 1, 1960.
- ZABORETZKY, FRANK T., Registered Pharmacist (Pharmacy) — resignation effective August 31, 1960.

#### LEAVES OF ABSENCE

- ALEXANDER, CHARLES S., Assistant Professor of Geography — leave of absence, with pay, from March 1 through August 31, 1961.
- ANDERSON, TRUMAN O., Research Associate in Medicine, in the College of Medicine — leave of absence, without pay, for one year from July 1, 1960.
- BARTHEL, MRS. CHRISTINA G., Assistant in Veterinary Pathology and Hygiene, in the College of Veterinary Medicine, and in Veterinary Research, Agricultural Experiment Station — leave of absence, without pay, from August 1 through September 5, 1960.
- CURTIS, JAMES O., Assistant Professor of Agricultural Engineering, College of Engineering and Agricultural Experiment Station — leave of absence, without pay, extended to September 1, 1961.
- HARSHBARGER, KENNETH E., Associate Professor of Nutrition (Dairy Science), in the College of Agriculture, and in the Agricultural Experiment Station — leave of absence, without pay, for one month from November 15, 1960, so that he may serve on a National Defense team to conduct a nutrition survey of the Thai Armed Forces and selected civilians in Thailand.
- HELDT, CARL R., Assistant Professor of Art — leave of absence, without pay, for the academic year 1960-61, on account of illness in the family.
- JOHNSON, LEO T., Assistant Professor of Physical Education for Men — leave of absence, without pay, for the academic year beginning September 1, 1960.
- KARSH, BERNARD, Associate Professor of Sociology, in the College of Liberal Arts and Sciences and in the Institute of Labor and Industrial Relations — leave of absence, one-half pay, for 1960-61.
- LOCKLIN, D. PHILIP, McKinley Professor of Economic Public Utilities, in the Department of Economics — leave of absence, without pay, for one year from September 1, 1960, so that he may accept an appointment on a mission to Argentina to study the transportation needs of that country and make suitable recommendations to its Government.
- RICHARDSON, THOMAS S., Assistant Professor of Music, in the College of Fine and Applied Arts, and Assistant to the Director of Music Extension, in the Division of University Extension — leave of absence, without pay, for one year from September 1, 1960.
- SLICHTER, CHARLES P., Professor of Physics, in the College of Engineering — leave of absence, without pay, from February 1 through June 15, 1961, so that he may be Morris Loeb Lecturer at Harvard University.

#### CHANGES IN SABBATICAL LEAVES OF ABSENCE

- GAGE, NATHANIEL L., Professor of Education, in the Bureau of Educational Research — sabbatical leave of absence for one-half year beginning August 12, 1960, with full pay, instead of for the full year beginning September 1, 1960, on one-half pay.

METCALF, LAWRENCE E., Associate Professor of Education—leave of absence without pay for one year from September 1, 1960, in lieu of the sabbatical leave of absence on full pay for the first semester of 1960-61.

THORNBURN, THOMAS H., Professor of Civil Engineering, in the College of Engineering and in the Engineering Experiment Station—sabbatical leave of absence for the first semester of 1960-61, with full pay, instead of for the academic year 1960-61, on one-half pay.

#### OCTOBER MEETING

Under the By-Laws of the Board of Trustees, its next meeting is scheduled for Wednesday, October 19, 1960.

On motion of Mr. Hughes, the Board voted to hold this meeting and meetings of Board Committees in Chicago according to a schedule and at a place to be determined by the President and Secretary of the Board.

#### EXECUTIVE SESSION

At this point, on motion of Mr. Pogue, an executive session was ordered for consideration of the following matters of business.

#### PURCHASE OF LAND

(1) The Director of the Physical Plant and Vice-President and Comptroller recommend the acquisition, through purchase by the University of Illinois Foundation, of the East Half of the Northeast Quarter of Section Thirty, Township Nineteen, Champaign County, containing eighty acres, presently owned by Mrs. Ruth Newton, Urbana. Mrs. Newton proposes to exchange the land with Mr. Boyd Harper, Champaign, for other land which she desires to acquire, and Mr. Harper will sell the eighty-acre tract to the University of Illinois Foundation at a price of \$1,750 an acre, or \$140,000.

This land is completely surrounded by University property, and the University has been attempting to acquire it for a number of years for the College of Agriculture and the Agricultural Experiment Station.

The First National Bank of Chicago has agreed to loan the money to the Foundation for the acquisition of this property under the same conditions as other recent purchases.

I concur and recommend that the University of Illinois Foundation be requested to purchase this property and to lease it to the University at a rental of \$3,310 a year, subject to adjustment in accordance with any change in the interest rate charged by the Bank on the loan to the Foundation, until such time as funds become available for the purchase of the property by the University.

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

#### POLICY GOVERNING MEETINGS OF THE BOARD AND OF ITS COMMITTEES

Mr. Clement asked for a discussion of the current practice and policy with respect to meetings of the Board and of its Committees. He suggested that more of the work before Board Committees be transacted at meetings of the Board.

This matter was discussed but no action was requested or taken.

On motion of Mr. Harewood, the Board adjourned.

A. J. JANATA  
*Secretary*

KENNEY E. WILLIAMSON  
*President*