

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

February 24, 1960



The February meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Wednesday, February 24, 1960, beginning at 2:00 p.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, 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. Mr. Wirt Herrick and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, 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. Joseph S. Begando, Assistant to the President, Mr. V. L. Kretschmer, Director of Auxiliary Services, Mr. C. E. Flynn, Director of Public Information; and the officers of the Board, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

COMMITTEE MEETINGS

Meetings of the Board's Committees on General Policy, Buildings and Grounds, Finance, and Chicago Departments were held in the forenoon beginning at 9:00 a.m. and again beginning at 3:30 p.m., following the Board meeting.

ADDRESS BY PROFESSOR NORMAN A. GRAEBNER

During the luncheon recess, following Board committee meetings, Dr. Norman A. Graebner, Professor of History and Chairman-elect of the Department of History, addressed the Board, discussing the work and goals of the Department.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on July 21, September 16, October 21, and November 18, 1959, press proof copies of which had been previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 559 to 1089, 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 November, 1959, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943, as amended:

BYRLE MARSH ABBIN (Evanston)	JOHN MILLER BROWN (Berwyn)
EDWARD MICHAEL ABRAMS (Chicago)	GEORGE NICKOLAS CAPPADAIS (Norridge)
MAX JAMES ADLER (Chicago)	NORBERT FRANCIS CHANDLER (Marengo)
GEORGE E. ALLEN (Chicago)	MICHAEL CHEMERS (Skokie)
WILLIAM ANTHONY AMELING (Deerfield)	SAMUEL JOSEPH CHIPRIN (Chicago)
JOSEPH MARTIN ANTOSZ (Chicago)	KENNETH EUGENE CHRISTIAN (Springfield)
CHARLES DAVID BAILIN (Chicago)	DANIEL JAMES CIECKO (Chicago)
JOHN CHARLES BALOUN (Chicago)	JERRELL DALE CLARK (Chicago)
DALLAS EARL BANDY (Belleville)	HOWARD RONALD COHEN (Chicago)
ARNOLD RICHARD BARNETT (Chicago)	THOMAS FRANCIS CONROY, JR. (Chicago)
GENE JOSEPH BARONI (Berwyn)	HAROLD EUGENE CORTWRIGHT (Riverside)
PATRICK JOHN BARRETT (Evergreen Park)	WILLIAM RICHARD COTTLE (Glencoe)
LUCIEN RAYMOND BATTIATO (Chicago)	ROYAL LEE COX (Chicago)
ARTHUR CHARLES BAUMANN, JR. (Lombard)	LUTHER DEARBORN, JR. (Evanston)
THOMAS HOWARD BEECHY (Chicago)	RUSSELL GLENN DEYONG (Chicago)
ALLAN EDWARD BIBLIN (Chicago)	THOMAS ALBERT DONAHOE (Evanston)
BRUCE HOWARD BLOCK (Chicago)	RAYMOND HENRY DOWNEY, JR. (Decatur)
PHILIP BLOCK (Chicago)	ROGER LYLE DUTSMAN (Dixon)
DAN SCHUMPERT BLOUNT (Lisle)	ROBERT JOHN EDWARDS (Peoria)
WILLIAM HENRY BOBSIN, JR. (Chicago)	RAYMOND CLYDE EGGLESTON (Oak Lawn)
MARTIN LEE BOGOT (Chicago)	GENE RUSSELL EHREN (Pontiac)
JAMES ROCKNE BOOTH (Chicago)	CHARLES ROBERT ENEVER (Chicago)
MARVIN BORNSTEIN (Chicago)	
DANIEL CLAYTON BRABEC (Oak Park)	
JAMES JOHN BRICE (Arlington Heights)	
GERALD EARL BROWN (Urbana)	

- EARL DAVID EPSTEIN (Glenview)
 DAVID LEE FAGEN (Chicago)
 DANIEL ROY FELDMAN (Skokie)
 JAMES WILLIAM FENNER (Chicago)
 LIBORIO JACK FERRACANE (Elmwood
 Park)
 MIKLOS CHARLES FERTSEK (Chicago)
 RALPH SAMUEL FINE (Chicago)
 MARVIN EUGENE FINN (Des Plaines)
 THOMAS PETER FLEMING, JR. (Chicago)
 NORMAN PHILIP FOSTER (Chicago)
 ALAN ARTHUR FOX (Chicago)
 JOHN CLEMENT FRIEDEN (Moline)
 HAZEL HOFFMAN FRIGERIO (Willow
 Springs)
 JAMES RONALD GABBARD (Oak Park)
 WILLARD HAROLD GALLIART (Chicago)
 JOHN ALFRED GARDA (Addison)
 JOHN ELROY GESSERT (Arlington
 Heights)
 LAWRENCE PATRICK GLASCOTT, JR.
 (Chicago)
 JERRY LEON GOLDBERG (Chicago)
 RAYMOND GOLDFARB (Chicago)
 FRED LOUIS GOLDMAN (Chicago)
 SOL GOLDMAN (Chicago)
 JULIAN IRVING GOLLAY (Chicago)
 HAROLD GOODMAN (Chicago)
 MORTON HERBERT GOODMAN
 (Lincolnwood)
 JOSEPH SANFORD GRAY (Chicago)
 KENNETH VIRGIL GRAY (Decatur)
 RONALD GREENBERG (Chicago)
 SYLVAN RAY GROSS (Chicago)
 DONALD JAMES GROSSMAN (Evanston)
 ORIN ROSS GRUBER (River Forest)
 ROGER WILLIAM GRUNDSTROM
 (Chicago)
 VINCENT ALOYSIUS GUEST (Chicago)
 WILLIAM BERNARD HAASE (Chicago)
 RICHARD HANSEN (Itasca)
 ROBERT CHESTER HARTMANN (Chicago)
 DANIEL MILLER HEALY (Arlington
 Heights)
 CLIFFORD STANLEY HICKS (Elmhurst)
 WAYNE MELVIN HIGLEY (Urbana)
 GERARD CHARLES HILLSMAN
 (Evanston)
 RICHARD MARVIN HIRSCH (Chicago)
 STANLEY HOFFMAN (Chicago)
 RAYMOND PATRICK HORAN (Chicago)
 SHELDON YEU HOWARD (Chicago)
 DELES DERNIER INGWERSON (Glenview)
 LESLIE JACOB (Maywood)
 CALVERD FALK JACOBSON (Chicago)
 GEORGE WILLIAM JAMES (Oak Park)
 WILLIAM JAMES JOHNSON (Chicago)
 JOHN HENRY JONES, JR. (East
 St. Louis)
 ISADORE KACSH (Chicago)
 GERALD KAPLAN (Chicago)
 NOEL KAPLAN (Chicago)
 JOSEPH GEORGE KASKI, JR. (Riverside)
 MELVIN LEROY KATTEN (Chicago)
- ROBERT JOHN KAUTZI (Niles)
 PAUL KESSLER (Chicago)
 MORRIS MAX KLAIMAN (Chicago)
 CHARLES MILTON KLEIM (Chicago)
 WALTER HARRY KLEINSTEIN (Skokie)
 PAUL CLETUS KRAFFL (Chicago)
 ROBERT JAMES KRUEGER (Chicago)
 GEORGE THEODORE KUTSUNIS (Rock
 Island)
 ALAN BUDWORTH LANGE (Morton
 Grove)
 THOMAS DOMINICK LAROCCA (Chicago)
 LAWRENCE EVERETT LARSEN (Chicago)
 EDWARD DEYO LEFEVRE (Peoria)
 JAMES GLASSMAN LERNER (Chicago)
 VICTOR ALAN LEVI (Chicago)
 BARRY LEVITT (Chicago)
 RALPH INGOLF ISAAK LEWY (Chicago)
 ANDREA LEE LIDSKY (Chicago)
 LORNE MERRIT LOCKER (Roselle)
 HILLARD IRWIN LOVETT (Chicago)
 FRANK GILBERT LOWNDS (Des Plaines)
 THOMAS JOSEPH LYDON, JR. (Chicago)
 KENNETH ALLEN MacKENZIE
 (Chicago)
 SHERWIN SAMUEL MALIS (Chicago)
 JUDD DAVID MALKIN (Chicago)
 JEROME DAVID MALLER (Chicago)
 GEORGE GUST MARINAKIS (Chicago)
 BERYL WAYNE MARKWELL (Berwyn)
 DAVID HAYNER MARSHALL (Brookfield)
 JACK VINCENT McAVINCHNEY
 (Westmont)
 FREDERICK ALBERT MESENBRINK
 (Villa Park)
 DONALD CARL MESSNER (Rockford)
 LAURANCE JOSEPH MEYER (Chicago)
 LEROY WALTER MEYER (Chicago)
 HAROLD JOHN MILLER (Chicago)
 ROBERT PAUL MINTZ (Chicago)
 JOSEPH HENRY MOEHLHOF (Peoria)
 RICHARD ADRIAN MORAN (Chicago)
 ALVIN WILLIS MOUSHON (Pekin)
 ROBERT JOHN NEARY (Peoria)
 WALTER JOSEPH NEWTON (Oak Park)
 GALE DWIGHT NISSLY (Waukegan)
 BERTIL DONALD NORDIN (Morton
 Grove)
 STEPHEN JOSEPH O'CONNOR (Chicago)
 JOHN REX ODOM (Elmhurst)
 WILLIAM ROBERT OHLSEN (Peoria)
 ROBERT JOSEPH OSWALD (Mount
 Prospect)
 DONALD CHARLES PETERSON (Chicago)
 BERNARD PIERCE (Chicago)
 RAYMOND WESLEY PITCHFORD
 (Nashville)
 HAROLD LEWIS PORTER (Springfield)
 ROY EDWARD POSNER (Villa Park)
 DAVID CHARLES RANNEY (Lombard)
 WILLIAM THOMAS REES (Chicago)
 ROBERT EARL REICHOW (Barrington)
 JERRY MICHAEL REINSDORF (Chicago)
 EUGENE FREDERICK RETZER (Peoria)

NORMAN DANIEL RICH (Chicago)	EDWARD JERRY TAYLOR (Peoria)
FREDERICK JEROME RICHTER (Chicago)	ARTHUR JEWELL TOLBERT (Mount Carmel)
FRED EDWARD ROSENTHAL (Chicago)	RAYMOND FRANCIS VAN DE WEGHE (Oak Park)
EMIL ELMER ROULD (Berwyn)	RICHARD AXEL VIKANDER (Westchester)
CLYDE STEVENSON ROWLEY, JR. (Oak Park)	VINCENT JAMES VIRRUSO (Cicero)
SHELDON BERNARD RUBIN (Chicago)	CHARLES RUDOLPH VLK, JR. (Evergreen Park)
MARVIN LAWRENCE SACHS (Chicago)	JOHN PAUL VOLKMAN (Chicago)
PAUL THEODORE SACHS (Chicago)	KENNETH LEE VON BEHREN (Chicago)
EUGENE JOHN SCHORB (Columbia)	RAYMOND EDWARD VOROS (Chicago)
EUGENE GORDON SEMMEN (Chicago)	DELBERT JOHN WACKER (Westchester)
ALLEN DAVID SERED (Chicago)	JOHN EDWARD WATSON (Blue Island)
JOHN ROBERT SIDENSTICK (Chicago)	DAVID EARL WEGMAN (Aurora)
ROBERT SILVER (Evanston)	STUART MELVYN WEIS (Skokie)
HOWARD BURTON SILVERMAN (Skokie)	ALLEN DAVID WEISS (Chicago)
HOWARD JAY SILVERSTONE (Chicago)	JERRY WEISS (Chicago)
JOHN THOMAS SLATTERY (Chicago)	WILLIAM HALLECK WELDON (Oak Park)
DAVID ERLE SMITH (Decatur)	ROBERT ELLWOOD WRIGHT (Berwyn)
EDWARD JAMES SMITH (Chicago)	LAWRENCE NORTON WRISLEY, JR. (Chicago)
JOE LUTHER SMITH (LaGrange)	CARLYLE CLARKE WULFF, JR. (Villa Park)
DONALD RAY SNYDER (Kankakee)	VIRGIL EUGENE WUTHRICH (Chicago)
GILBERT JOSEPH SPENCER (Mount Prospect)	ALFRED BERNARD YABLON (Chicago)
MATTHEW EDWARD STALA (Bellwood)	NORBERT JOSEPH ZABINSKI (Wilmette)
FREDERIC JOHN STEGGERDA (Berwyn)	
JOHN RAYMOND STONE (Chicago)	
DONALD FRANKLIN STORM (Urbana)	
FRANCIS JEROME SWEENEY (Chicago)	
MAX EDMUND TARBLE (Paris)	

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

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
WELTY CLYDE HOSPITAL, JR.	Park Ridge	District of Columbia
JOHN HENRY KOLHOVEN	Wheaton	Ohio
MELVIN DEWEY MOERSH	Mount Vernon, New York	New York
PHILLIP KENNETH SEIDMAN	Memphis, Tennessee	Michigan
ROBERT LEO SPENCER	Los Angeles, California	New York

I concur.

On motion of Mr. Harewood, 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.

- MAGNUS AGUSTSSON, Clinical Assistant Professor of Pediatrics, beginning January 1, 1960, without salary (DY).
- JOHN H. BIEL, Lecturer with rank of Assistant Professor, in the Department of Psychiatry, College of Medicine, beginning January 1, 1960, on 15/100 time, at an annual salary of \$1,800 (DY15).
- ROY M. HAMLIN, Professor of Psychology, beginning February 1, 1960, on one-third time, at an annual salary of \$3,600 (E33).
- ESTEL B. PENROD, Visiting Professor of Mechanical Engineering, for the academic year 1960-61, at a salary of \$13,000 (E).
- STANLEY W. RAHN, Assistant Director of Housing for Counseling and Residence Operations, in the Housing Division, beginning February 1, 1960, at an annual salary of \$8,970 (DY).

6. DIEGO SEGRE, Professor of Veterinary Microbiology and Public Health, in the Department of Veterinary Pathology and Hygiene, and in Veterinary Research, Agricultural Experiment Station, beginning February 1, 1960, at an annual salary of \$11,500 (AY).
7. PAUL D. SHAW, Assistant Professor of Plant Pathology, beginning July 1, 1960, at an annual salary of \$8,000 (BY).
8. ROMAN TOTENBERG, George A. Miller Visiting Professor of Music, for the academic year 1960-61, at a salary of \$11,500 (E).

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

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

(3) Appointments to the University of Illinois Citizens Committee are made by the Board of Trustees upon the recommendation of the President of the University. I submit nominations for new appointments for a period of three years from January 1, 1960, and nominations for reappointments for a period of three years from January 1, 1960, of a number of members whose terms have expired.

New Appointments

JOHN D. AMES
Partner, Bacon, Whipple and Company
135 South LaSalle Street, Chicago 3

ALFRED BENESCH
Consulting Engineer, Alfred Benesch
and Associates
10 South Wabash Avenue
Chicago, 3, Illinois

G. W. BOHANNON
President, The Pullman Company
165 North Canal Street
Chicago 6, Illinois

S. G. BURRITT
President, Starline Ink
Harvard, Illinois

WAYNE CLEMENS
Assistant Attorney General, State of
Illinois
Box 275
Golconda, Illinois

ROBERT M. COLE
Executive Director, Illinois Association
of School Boards
223½ East Washington Street
Springfield, Illinois

ARTHUR J. CORDING, Farmer
Route 1, Box 43
Galena, Illinois

MARK COX
Vice-President in charge of Sales and
Marketing, Golfcraft, Inc.
7059 West Addison Street
Chicago 34, Illinois

OLIVER C. DAGGERT
President, The National Bank of
Sterling
24 East Third Street
Sterling, Illinois

STEWART D. DANIELS
Executive Secretary, Alpha Tau
Omega Fraternity
627-629 East Green Street
Champaign, Illinois

JOSEPH M. DAVID
President, The Lewie David Company
P.O. Box 272
Sullivan, Illinois

W. M. DILLON
President, Northwestern Steel and
Wire Company
Sterling, Illinois

JOHN D. DOUGLAS
401 North Main
Benton, Illinois

HAROLD D. DUFLOTH
General Manager, Illinois Gas Com-
pany
1307 Seventeenth Street
Lawrenceville, Illinois

FRED T. EHLERT
Division Superintendent, Acme Steel
Company
201 West 146th Street
Riverdale 27, Illinois

DR. LESTER E. FISHER, Veterinarian
238 North Delaplaine Road
Riverside, Illinois

CHARLES W. FURST
President, Furst-McNess Company
120 East Clark Street
Freeport, Illinois

HOMER B. HARRIS, JR., Attorney
Griesheim Building
Lincoln, Illinois

B. W. HEINEMAN
Chairman, Chicago and North Western
Railway Company
400 West Madison Street
Chicago 6, Illinois

LEONARD HICKS
Vice-President and Managing Director,
Pick-Congress Hotel
Chicago, Illinois

JUDGE WILLIAM J. HILL
County Judge
Toledo, Illinois

A. EMANUEL JOHNSON, Farmer
Route 2
Aledo, Illinois

LEO KNUFF
Insurance and Variety Store Owner
208 Fourth Street
Vienna, Illinois

WILLIAM J. KUHFUSS
President, Illinois Agricultural
Association
43 East Ohio Street
Chicago 11, Illinois

O. J. LERE
Publisher, *The LeRoy Journal*
110 South Daniel Street
LeRoy, Illinois

DR. LESTER O. LITLÉ
Superintendent of Schools
Twelfth and Maine
Quincy, Illinois

IRL C. MARTIN
President and Chairman of the Board,
Woodward Governor Company
5001 North Second Street
Rockford, Illinois

STANLEY PARGELLIS
Librarian, The Newberry Library
60 West Walton Street
Chicago 10, Illinois

MRS. RALPH PEAK
Winchester, Illinois

JAMES E. RUTHERFORD
Vice-President in charge of Mid-
America Operations, Prudential In-
surance Company of America
Prudential Plaza
Chicago 1, Illinois

ROBERT W. SINK
Editor, *Champaign-Urbana Courier*
214 West Vermont Street
Urbana, Illinois

STANTON K. SMITH
President, Smith Oil and Refining
Company
1102 Kilburn Avenue
Rockford, Illinois

RAYNOR F. STURGIS, JR.
Vice-President, Pure Oil Company
(Chicago)
209 South River Street
Geneva, Illinois

WILBOR M. SUTHERLAND, Farmer
McNabb, Illinois

CHARLES M. ZIPPRODT
Managing Secretary, Association of
Commerce
Urbana, Illinois

Reappointments

EUGENE ABEGG
President, Illinois National Bank and
Trust Company
230 South Main Street
Rockford, Illinois

ELMER AIRHART
Farmer
Route 1, Box 121
Savanna, Illinois

VAUGHN ANDERSON
Farmer
Rushville, Illinois

JOHN P. BALLMAN
Investment Banker
105 West Adams Street
Chicago 3, Illinois

G. WILBUR BELL
Farmer and Grain Dealer
Route 2
Chandlerville, Illinois

GEORGE C. BIGGAR
President and Manager, WLBK
711 North First Street
DeKalb, Illinois

REUBEN A. BORSCH
Attorney
Room 1400
38 South Dearborn Street
Chicago 3, Illinois

Bishop CHARLES W. BRASHARES
77 West Washington Street
Chicago 2, Illinois

WILLIAM BRIDE, Farmer
Box 84
Villa Ridge, Illinois

The Right Reverend GERALD FRANCIS
BURRELL
Bishop of Chicago Episcopal Church
65 East Huron Street
Chicago 11, Illinois

JAMES CANNELL, Farmer
Route 1
Capron, Illinois

WALTER F. CAREY
President, Dealers Transit, Inc.
12601 South Torrence
Chicago 33, Illinois

- THOMAS H. COULTER
Chief Executive Officer, Chicago Association of Commerce and Industry
30 West Monroe Street
Chicago 3, Illinois
- Colonel HENRY CROWN
Business Executive
300 West Washington Street
Chicago 6, Illinois
- HENRY DRIEMEYER
Attorney
322 First National Bank Building
East St. Louis, Illinois
- DR. L. A. FLOYD
Dental Surgeon
Greenville, Illinois
- GUY C. FULLER
Soil Conservation Service, U.S.D.A.
708 Western Avenue
Macomb, Illinois
- JOSEPH GERMANO
Director, District No. 31, United Steelworkers of America
Room 2425
333 North Michigan Avenue
Chicago, Illinois
- A. ZOLA GROVES
Assistant Attorney General, State of Illinois
5630 Sheridan Road
Chicago 40, Illinois
- THOMAS J. HAGGERTY
Secretary-Treasurer, Milk Drivers Union
220 South Ashland Boulevard
Chicago 7, Illinois
- MRS. JAMES B. HALE
Omaha, Illinois
- WILLARD S. HANSEN
Editor, *The News-Gazette*
720 Southwest Drive
Champaign, Illinois
- EARL H. HANSON
Superintendent of Schools
Rock Island, Illinois
- WILFRED H. HEITMANN
Banker
Northwest National Bank of Chicago
3985 Milwaukee Avenue
Chicago 41, Illinois
- MRS. FRANK P. HIXON
999 Walden Lane
Lake Forest, Illinois
- FRED K. HOEHLER
Consultant to the Mayor of Chicago
64 East Lake Street
Chicago 1, Illinois
- J. WARD HOPWOOD
Farmer and Land Owner
P.O. Box 126
Athens, Illinois
- ROBERT B. HOWARD
Dairy Farmer — Breeder of Pure Bred Holstein Cattle
Route 2
Dundee, Illinois
- ROBERT JOHNSTON
Regional Director, UAW
Room 900
54 West Randolph Street
Chicago 1, Illinois
- WILLIAM V. KAHLER
President, Illinois Bell Telephone Company
212 West Washington Street
Chicago 6, Illinois
- CHRIS R. KETRIDGE
Editor, *The Star-Courier*
724 Henry Street
Kewanee, Illinois
- RONALD M. KIMBALL
Banker
231 South LaSalle Street
Chicago 90, Illinois
- WILLIAM V. KINNEY
Associate Editor, *The Argus*
Rock Island, Illinois
- VERLE V. KRAMER
Publisher
Gibson City, Illinois
- FRANCIS L. KUHNLINE
Livestock Farmer
Greenfield, Illinois
- JOSEPH LEBER
Farmer
Route 2
Valmeyer, Illinois
- PAUL A. LINDENMEYER
Editor-Publisher
P.O. Box 487
Arcola, Illinois
- PHILIP G. LISTEMAN
Attorney
316 Missouri Avenue
East St. Louis, Illinois
- H. J. LIVINGSTON
President, First National Bank of Chicago
38 South Dearborn Street
Chicago 90, Illinois
- RICHARD LOCKHART
President, Social Engineering Associates (Public Relations)
343 South Dearborn Street
Chicago 4, Illinois

EDWARD C. LOGELIN
Vice-President, United States Steel
Corporation
208 South LaSalle Street
Chicago 4, Illinois

Major LENOX R. LOHR
President, Museum of Science and
Industry
57th Street and South Lake Shore
Drive
Chicago 37, Illinois

LOUIS LUSSENHOP
Farmer
Manito, Illinois

LAWRENCE McMANUS
Livestock and Grain Farmer
Reynolds, Illinois

T. E. McNAMARA
Banker
202 East Main Street
Streator, Illinois

RICHARD P. MATTHIESSEN
Porter International Company
60 East Scott Street
Chicago 10, Illinois

R. D. MAXSON
Consulting Engineer
330 Cottage Hill Avenue
Elmhurst, Illinois

HOWARD G. MAYER
Chairman of the Board, Mayer and
O'Brien, Inc. (Public Relations Coun-
seling)
333 North Michigan Avenue
Chicago 1, Illinois

MONSIGNOR THOMAS A. MEEHAN
Pastor, St. Basil Church
1850 West Garfield Boulevard
Chicago 9, Illinois

HARRY J. NEUMILLER
President, Humitube Manufacturing
Company
233 North Madison Street
P.O. Box 929
Peoria, Illinois

DEXTER OBENHAUS
Feed Mill Owner
Route 1
Princeton, Illinois

JOHN M. OLIN
Chairman of the Financial and Oper-
ating Policy Committee and of the
Executive Committee, Olin Mathieson
Chemical Corporation
East Alton, Illinois

ALVA W. PHELPS
Chairman of the Board, The Oliver
Corporation
400 West Madison Street
Chicago 6, Illinois

C. EDWARD RAYMOND
President, DeKalb Chronicle Publish-
ing Company
DeKalb, Illinois

BEN REGAN
President, Nationwide Food Service,
Inc.
18 South Michigan Avenue
Chicago 3, Illinois

ARTHUR H. RICE
Editor, *The Nation's Schools*
Apartment 2107
900 North Lake Shore Drive
Chicago 11, Illinois

ARTHUR J. SCHMITT
Chairman, Amphenol-Borg Electronics
Company
Broadview, Illinois

MRS. JOSEPH C. SHANKLIN
Toluca, Illinois

P. L. SIEMILLER
General Vice-President, International
Association of Machinists
Suite 1612
176 West Adams Street
Chicago 3, Illinois

JOHN SLEZAK
Chairman, Kable Printing Company,
(Mt. Morris)
711 West State Street
Sycamore, Illinois

BURRELL L. SMALL
Newspaper Publisher and Radio Station
Manager
Kankakee Daily Journal
Kankakee, Illinois

HERMON DUNLAP SMITH
Insurance Broker
231 South LaSalle Street
Chicago 4, Illinois

LUCIUS S. SMITH, JR.
Publisher
Box 108
DuQuoin, Illinois

LEONARD SPACEK
Managing Partner, Arthur Andersen
and Company
120 South LaSalle Street
Chicago 3, Illinois

JAMES SYKORA
Wholesale Florist
1433 South Wabash Avenue
Chicago 5, Illinois

A. D. THEOBALD
President, First Federal Savings
111 North Jefferson
Peoria, Illinois

RICHARD F. UHLMANN
President, Uhlmann Grain Company
1480 Board of Trade Building
Chicago 4, Illinois

WILLIAM E. VOGELBACK
Consulting Engineer
230 North Michigan Avenue
Chicago 1, Illinois

PETER VOGEN
Farmer
Newark, Illinois

G. J. WILLINGHAM
President and General Manager, Peoria and Pekin Union Railway Company
Peoria, Illinois

DR. BENJAMIN C. WILLIS
Superintendent of Schools
5555 North Sheridan Road
Chicago 40, Illinois

WILLARD M. WOLL
Staff Assistant, Commercial Sales,
Commonwealth Edison Company
7601 South Lawndale Avenue
Chicago 52, Illinois

G. EARL WOOD
Publisher
c/o *News-Record*
Flora, Illinois

KENNETH V. ZWIENER
President, Harris Trust and Savings
Bank
111 West Monroe Street
Chicago 90, Illinois

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

CHANGES IN STUDENT FEES

(4) The Committee on Fees recommends the following changes in fees, effective September, 1960:

1. Laboratory, Library, and Supply Fee at Urbana-Champaign and at the Chicago Undergraduate Division, increase from \$10.00 to \$12.00 a semester,
2. Discontinuance of the University High School Tuition Fee of \$25.00 a semester,
3. Establishment of a Student Activity Fee of \$7.00 a semester at the University High School.

The fees for the Summer Session will be half these amounts. Students carrying eight semester hours of undergraduate or two units of graduate work or less in a semester (four hours or one unit or less in the Summer Session) will be charged one-half the Laboratory, Library, and Supply Fee.

The Laboratory, Library, and Supply Fee was set at \$11.00 in 1953 and was reduced to \$10.00 in 1959 when the Hospital-Medical-Surgical Insurance Fee was increased by one dollar. The increase now proposed is proportionately somewhat less than the general increase in the price level of laboratory materials and supplies, but the two-dollar adjustment is considered adequate at this time.

The University High School is a laboratory, hence it is desirable to have pupils of various aptitudes and talents. Elimination of the tuition fee is recommended so that gifted children from families of low economic status can be included in the program. Laboratory schools in other state-supported institutions of higher education in Illinois do not charge tuition, and a similar practice is followed in other states.

The University High School Student Activity Fee will eliminate the sale of activity tickets, ticket sales at plays and athletic events, sales at the school store and carnival, and sale of advertising in the yearbook. Outside support is available to take care of the fee for pupils from families in low income brackets.

1 concur.

On motion of Mr. Clement, these changes in fees were approved as recommended.

REQUIREMENTS FOR ADMISSION TO COLLEGE OF MEDICINE

(5) The Chicago Professional Colleges Senate, with the concurrence of the

Urbana and Chicago Undergraduate Division Senates,¹ recommends the following changes in existing admissions requirements for entrance to the College of Medicine:

An increase in the total number of semester hours of premedical college work from eighty-eight to ninety-four semester hours.

A change in specific course requirements to include the study of nuclear physics, and the addition of six hours in one subject-matter area in advanced (junior and senior) undergraduate courses not presently included in the specified requirements in chemistry, physics, biology, English, foreign language, social sciences, and humanities. The number of electives permitted, twenty-eight semester hours, remains the same.

The objectives of this change are to assure that students planning to study medicine are provided adequate preparation in certain sciences on which the medical curriculum is based, a breadth of education, particularly in nonscience areas, and depth in education in at least one subject-matter area.

It is proposed that this change become effective for students beginning their premedical studies in September, 1962.

A supporting memorandum giving the details of these changes and a statement from the Dean of the College of Medicine is submitted herewith, and a copy is being filed with the Secretary of the Board for record.

I concur in these recommendations.

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

LEASE OF SPACE FOR AGRICULTURAL EXTENSION SERVICE

(6) The Director of the Agricultural Extension Service and the Vice-President and Comptroller recommend the lease of Suite 301-303 in the 188 Randolph Tower Building, Chicago, from March 1, 1960, to June 30, 1961, at a rental of \$300 and \$450 a month. Since the space will not be completely used prior to July 1, the rental for the first four months has been reduced to \$300 a month. The space will be occupied by the 4-H Club staff which will be expanded through private contributions obtained through the Steering Committee for Urban 4-H Club Work. The rental will also be paid from these funds after July 1, 1960, and from federal extension funds prior to July 1.

I concur.

On motion of Mr. Johnston, this lease was authorized.

REASSIGNMENT OF FUNDS

(7) On July 29, 1959, the Board of Trustees approved several appropriations to provide additional classroom space for the College of Liberal Arts and Sciences, one item of which was \$29,500 for remodeling in the Natural History Building.

The cost of the work was less than estimated, and the Vice-President and Provost and the Vice-President and Comptroller recommend that \$5,425 of this amount be reassigned for remodeling in Davenport Hall and in the Woodshop to provide two additional classrooms.

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

SPECIAL APPROPRIATIONS

(8) The Vice-President and Provost and the Vice-President and Comptroller recommend the following assignments from the General Reserve:

Remodeling in the Physics Laboratory to provide additional laboratory space for the Departments of Physics and of Mining and Metallurgical Engineering	\$13 640
Equipment for producing liquid nitrogen.....	5 000
To be supplemented by \$15,000 from funds budgeted for assignment	

¹ The Senate Committee on Educational Policy, acting for the Urbana-Champaign Senate on this matter, has approved the change and has advised that in its judgment action by the Urbana-Champaign Senate is not required.

by the University Research Board, and approximately \$11,000 from reserves for replacement of liquid nitrogen facilities.	
Repairs and initial maintenance on property at 1207 West Stoughton Street, Urbana	3 572
An annual recurring assignment for operation and future maintenance of this property	2 375
Remodeling in Illini Hall for safety improvements and additional office space.....	8 000
Remodeling in Arcade Building and Illini Hall to provide additional space for Statistical Service Unit.....	68 000

I concur.

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

ENGINEERING SERVICES FOR IMPROVEMENTS IN UPPER EMBARRASS RIVER DRAINAGE DISTRICT

(9) Landowners in the Upper Embarrass River watershed, south of and adjacent to University property in the area, have instituted proceedings to organize the "Upper Embarrass River Drainage District" and to improve the main channel of this river from the Philo Road north and northwest into and through University property along the west fork of the channel. There are approximately 14,400 acres in the drainage area, but for the present the District will include approximately 9,866 acres of which 1,280 acres are University property. The balance may later be annexed to the District.

The proposed construction will be 33,000 feet of ditch improvement, approximately 12,000 feet across University property, and the underpinning or rebuilding of bridge structures. Preliminary estimates of cost are \$264,000 of which the University's proportionate share would be \$93,000, the city of Urbana's share would be \$21,000, and the cost to the District would be \$150,000.

Need for this improvement is of long standing, and it will be of benefit to the University if adequately engineered. It would provide an outlet for the University's proposed southwest campus storm sewer and the southwest campus storm sewer to be constructed in cooperation with the city of Urbana.

The Director of the Agricultural Experiment Station, the Director of the Physical Plant, and the Vice-President and Comptroller recommend that the University participate and share in the cost of this improvement provided that:

1. The University's participation and share in the cost will be on a contractual basis and subject to availability of funds. (No funds are currently available.)
2. The extent of the University's participation and share in the cost will be based on an independent engineering analysis of the design of the improvements to be made, the anticipated benefits to the University, the reasonableness of cost of the improvements, and the equitable distribution of the cost.
3. The report of the engineers for the District, including plans, specifications, and estimates to be filed with the County Court, will be available to the University for review.

It is further recommended that the firm of Wilson and Anderson, Champaign, be employed by the University to make an independent engineering analysis of the project and the proposed improvements, these services to include (a) general review of information now available pertaining to the proposed District and its relation to University properties; (b) a review and analysis of the proposed improvements to evaluate the total and comparative benefits to University properties; (c) a report of findings under (a) and (b) together with recommendations for and assistance in negotiation of an agreement with the District; and (d) expert witness testimony or other technical assistance as may be authorized by the University. The estimated cost of these services will be \$1,500.

The Committee on Buildings and Grounds has reviewed these recommendations and is prepared to support them.

I concur and recommend an assignment of \$1,500 from the General Reserve for these services.

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

**CONTRACTS FOR FOOD SERVICE EQUIPMENT
IN MEN'S RESIDENCE HALLS**

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$261,646 to the Illinois Range Company, Mount Prospect, Illinois, the lowest bidder, for the food service equipment to be installed in the Peabody Drive Residence Halls for undergraduate men students now under construction. This Company is currently completing an equipment contract for the Central Food Stores Building and is doing it in a very satisfactory manner.

Funds are available in the proceeds of the bond issue for this project.

I concur.

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

**CONTRACT FOR INTERIOR DECORATING
IN MEN'S RESIDENCE HALLS**

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend employment of Ernst C. Von Ammon, 920 North Michigan Avenue, Chicago, for interior decorating services in the public areas of the Peabody Drive Residence Halls at a fee of \$5,000, which is less than four per cent of the estimated cost of the furnishings for which he will be responsible.

I concur.

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

**CONTRACT FOR COOLING TOWER REPLACEMENT ON THE
ILLINOIS NEUROPSYCHIATRIC INSTITUTE BUILDING**

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$8,978 to the Mutual Contracting Company, Chicago, the lowest bidder, for the replacement of a cooling tower on the Illinois Neuropsychiatric Institute Building in Chicago.

The work will include demolition of the present obsolete tower from the roof of the building and the installation of structural steel, roofing, and siding and the setting in place of a new cooling tower being purchased by the University. The tower which was built into the top of the Illinois Neuropsychiatric Institute Building when it was constructed by the State Department of Public Welfare in 1940 does not have the capacity now required and is in such condition that a new cooling tower must be provided for operation of the air-conditioning systems in this building.

Funds are available in the Physical Plant budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

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

**ADDITION TO CONTRACT FOR ARCHITECTURAL SERVICES
FOR FAMILY HOUSING UNITS**

(13) The Director of the Physical Plant and the Vice-President and Comptroller

recommend that Lundeen and Hilfinger, Bloomington, architects for the family housing to be constructed in the area south of Florida Avenue between South Orchard and Race Street, Urbana, be reimbursed for additional costs incurred in changing working drawings at the request of the University that each building be extended two feet in each direction and that certain other modifications be made in the building and the site plans.

Additional compensation will be in accordance with the terms of the contract approved by the Board of Trustees on October 22, 1956. It amounts to approximately \$2,700 for Lundeen and Hilfinger, and \$2,200 for consultants employed by them.

I concur and recommend that the Comptroller be authorized to execute the contract change order.

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

ADDITION TO CONTRACT FOR CONSTRUCTION OF ASSEMBLY HALL

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$12,331 in the contract with Felmley-Dickerson Company, Urbana, for construction of the Assembly Hall to replace unsuitable soil with concrete where necessary under the ring footing around the building. This, plus the change order approved in December, substantially completes soil corrective work.

I concur and recommend that the Comptroller be authorized to execute the contract change.

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

PURCHASES

Purchases Authorized

(15) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
49.92 tons diammonium phosphate, 31 tons ammonium phosphate, and 5.40 tons calcium metaphosphate	Agricultural Economics	Tennessee Valley Authority, Knoxville, Tenn.	\$7 140 19 f.o.b. Sheffield, Ala.
32 stainless steel isolation cages (Horsfall units) with 52 feeding pans and three sterilizer pans	Veterinary Medicine Animal Science	Schroeder & Sons, Kenwood	4 812 00 f.o.b. Kenwood

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 bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One ultracentrifuge, for speeds up to 40,000 r.p.m., complete with refrigeration and vacuum systems	Animal Science	Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.	\$6 796 00 f.o.b. delivered
Two rotors and standard accessories, 120-208 volt, 60-cycle			
One fuel consumption scale for engine testing	Agricultural Engineering	Toledo Scale Corp., Toledo, Ohio	2 724 00 f.o.b. delivered
One 1960 truck cab and chassis, two-ton capacity, with special equipment, for mounting of aviation jet refueler body	Institute of Aviation	University Ford Sales, Inc., Champaign	2 802 85 f.o.b. Urbana
One aviation refueler truck body only, mounted on truck cab and chassis furnished by the University	Institute of Aviation	Progress Manufacturing Co., Inc., Arthur	10 278 50 f.o.b. Arthur (mounted)
One special laboratory glassware washer, to handle glassware maximum of 25 in. in diameter, 19 in. high, washing sprays inside-outside of glassware	Chemistry and Chemical Engineering	Better Built Machinery Co., New York	7 510 50 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One water chiller, 30 h.p., 80 g.p.m., 208 volt, 3-phase, 60-cycle, with pneumatic control system and auto transformer type reduced voltage starter	Chemistry and Chemical Engineering	Trane Co., Peoria	\$5 095 00 f.o.b. delivered
One lot laboratory apparatus	General Chemical Stores	Schaar & Co., Chicago	55 839 47 f.o.b. delivered
One lumatron model 112-3-4 oscilloscope with push-button camera controls, built-in digital clamp, synchronizing trigger unit, pulse generator, high impedance probe, trigger amplifier, and oscilloscope cart	Digital Computer Laboratory	Lumatron Electronics, Inc., Westbury, Long Island, N.Y.	6 860 00 f.o.b. delivered
Six Hewlett-Packard model 721A transistor power supplies	Electrical Engineering	Hewlett-Packard Co., c/o Crossley Associates, Inc., Chicago	3 623 00 f.o.b. delivered
One Hewlett-Packard model 205AG audio signal generator			
Five Hewlett-Packard model 120A industrial oscilloscopes			
One Universal milling machine, 5 h.p., with standard equipment less dividing head and lead attachment	Electrical Engineering	Kearney & Trecker Corp., Chicago	12 730 00 f.o.b. delivered
One precision tool room lathe, 12 1/2 in. swing, 20 in. between centers, with 5 h.p. motor, controls, 8 in. chuck, follower rest and taper attachment	Electrical Engineering	E. L. Essley Machinery Co., Chicago	11 105 62 f.o.b. delivered
One vertical band sawing, filing, and polishing machine with 2 h.p. motor and all standard equipment	Electrical Engineering	DoAll Rockford Co., Rockford	3 224 10 f.o.b. delivered
Graphite for the 4 ft. x 4 ft. thermal column for the TRIGA Mark II Reactor	Engineering Administration	General Atomic Division, General Dynamics Corp., San Diego, Calif.	8 000 00 f.o.b. delivered
One radioisotope specimen production facility for use in the TRIGA Mark II Training and Research Reactor	Nuclear Engineering	General Atomic Division, General Dynamics Corp., San Diego, Calif.	3 300 00 f.o.b. delivered
One capacitor bank of special capacitor units totaling 4500 mfd.	Physics	Westinghouse Electric Corp., Peoria	30 475 00 f.o.b. delivered
156 auditorium tablet arm seats to be installed in the Krannert Art Museum	Fine and Applied Arts	Franklin-Lee Co., Chicago	4 195 00 f.o.b. delivered and installed
Gallery and office furniture for the Krannert Art Museum	Fine and Applied Arts	Marshall Field & Co., Chicago	9 974 73 f.o.b. Urbana
20 special geology storage cabinets, steel, to accommodate 42 specimen trays; over-all size 36 in. wide x 72 in. high x 25 in. deep	Geology	W. M. Putnam Co., Bloomington	2 824 00 f.o.b. Urbana
Accumulated human relations area files, with subscription for 1959-60 files	Library	Human Relations Area Files, New Haven, Conn.	26 697 45
One recording spectrofluorometer, with grating monochromators for the ultraviolet visible range 220-800 Mu, complete with recorder, power equipment, optics, cuvettes, and standard accessories	Microbiology	American Instrument Co., Inc., Silver Spring, Md.	5 512 50 f.o.b. Urbana
One spectrometer, liquid scintillation, automatic, complete with electronic accessories, optics, controlled area chamber, automatic numerical read-out, turntable for up to 100 samples, and timer system, complete and installed	Microbiology	Packard Instrument Co., Inc., LaGrange	12 530 00 f.o.b. delivered and installed
One ultracentrifuge, analytical precision model, for measurement of molecular properties in centrifugal fields to 29,000 g, including optical system and accessories	Microbiology	Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.	25 723 00 f.o.b. delivered and installed
One analytrol recording scanner and integrator with microanalyzer attachment			
One lot of scientific supplies, including one refrigerated centrifuge and accessories, 2,000 pints of reagent chemicals, and 305 packages of filter paper	Medicine	Chicago Apparatus Co., Chicago	3 080 00 delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One fully automatic mobile freeze drying laboratory	Medicine	E. H. Sargent & Co., Chicago	\$4 360 00 delivered
One sound-on-film camera and accessories	Psychiatry	Altman Camera Co., Chicago	6 995 07 delivered
100,000 mysoline tablets, 0.25 gm.	Research and Educational Hospitals	Ayerst Laboratories, Chicago	2 658 00 net delivered
20,000 tetracycline V capsules, 250 mg. (this quantity represents approximately sixty to ninety days of this item)	Research and Educational Hospitals	Charles Pfizer & Co., Chicago	3 640 00 delivered
20,000 chroamphenical capsules, 250 mg. (this quantity represents approximately sixty to ninety days supply of this item)	Research and Educational Hospitals	Parke-Davis & Co., Skokie	5 100 00 delivered
One Auricon Pro-600, CM-75 camera with carrying trunk, sun shade, telefinder optical system, zoom lens door, three magazines with case, filmagnetic recording system, power supply unit, dolly, battery charger, three lenses, two telefinder objectives, microphone with cable, neck strap, and focusing prism and magnifier	Television-Motion Pictures	Alpine Camera Co., LaGrange	4 028 67 f.o.b. delivered
Two model 1900 addressographs and accessories	Mailing Service	Addressograph- Multigraph Corp., Peoria	13 440 25 f.o.b. Cleveland, Ohio
Two model 500 addressographs			
One model 7780 tape perforator			
One model 6781 automatic graphotype			
Less trade-in allowance for two model 1900 addressographs and one model 6383 graphotype			
Approximately 6,000 diplomas as required for June, August, and October, 1960, and February, 1961, graduations at Urbana and at the Chicago Professional Colleges	Admissions and Records	W. M. Welch Manufacturing Co., Chicago	2 460 00 f.o.b. delivered
White sulphite offset paper as follows: 100 reams 22 ½ in. x 35 in. 58-lb. 5,000 reams 8 ½ in. x 11 in. 50-lb. 5,000 reams 8 ½ in. x 11 in. 60-lb. 1,000 reams 8 ½ in. x 11 in. 70-lb.	Office Supply Stores	Decatur Paper House, Inc., Decatur	11 040 57 f.o.b. delivered
26 tons 15-5-5 organic and inorganic fertilizer in 80-lb. bags	Physical Plant	George A. Davis, Inc., Chicago	3 477 50 f.o.b. delivered
15,750 ft. galvanized pipe, various sizes, 21-ft. lengths	Physical Plant	Wilkins-Bloomington Co., Bloomington	4 434 98 f.o.b. delivered
8,820 ft. black pipe, various sizes, 21-ft. lengths			
Three 76 in. riding-type lawn mowers with semi-pneumatic tires, less trade-in allowance for three mowers of the same type	Physical Plant	Scruggs-Drake Equipment Co., Decatur	2 805 00 f.o.b. delivered
Eight standard four-door sedans	Physical Plant	Rossetter Motor Co., Peoria (Ford)	
Ten compact four-door sedans	Animal Science	Five standard sedans	4 250 00
One standard four-door sedan equipped for police use		Eight compact sedans	4 980 40
One station wagon		University Ford Sales, Inc., Champaign	
One pickup truck, ¾ ton		Three standard sedans	2 586 62
		One pickup truck	1 785 83
		Rogers Chevrolet Co., Rantoul	
		Two compact sedans	2 559 68
		One station wagon	2 330 98
		Courtesy Motor Sales, Inc., Chicago (Ford)	
		One standard sedan for police use	1 220 06
Furnish and install in the Illini Union Building (Pine Lounge), two new carpets and pads 11 ft. 3 in. wide x 45 ft. long and one new carpet and pad 20 ft. 3 in. wide x 45 ft. long	Illini Union	Slater Co., Chicago	4 280 00 f.o.b. delivered and installed
68 automatic washing machines (used Commercial Bendix equipment), coin-operated, 9-lb. capacity	Housing Division	Wise Electric, Champaign	7 060 00 installed

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Furnish and install hardware and draperies at 324 windows in the Graduate Student Residence Hall	Housing Division	Leiper Furniture Store, Monticello	\$ 175 00 f.o.b. delivered and installed
Furniture for 24 nurses' apartments consisting of: 24 upholstered walnut arm chairs 24 upholstered walnut sofas 24 9 ft. x 12 ft. tufted rayon rugs	Housing Division, Chicago Professional Colleges	Gilbert A. Force Co., Chicago	3 742 08 delivered
One electronic console organ with two 61-note manuals and full 32-note pedal complete with four sound cabinets, cables, five dollies and cover	Chicago Colleges	Baldwin Piano Co., Chicago	4 830 00 delivered and installed
Rental of caps, gowns, and hoods as required by faculty and students for the June 18, 1960, Commencement	Committee on Commencement	Collegiate Cap & Gown Co., Champaign	7 450 00 f.o.b. delivered
One passenger automobile, eight-passenger limousine, used 1959 Model 75 Cadillac, to replace present 1956, eight-passenger Model 75 Cadillac sedan	Physical Plant Motor Vehicle Pool	Cadillac Motor Car Division, General Motors Corp., Chicago	4 500 00 (net)
One large-scale fatigue testing machine, approximately 200,000-lb. capacity	Civil Engineering	Northwestern University, Evanston	6 000 00

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

COMPTROLLER'S REPORT OF CONTRACTS

(16) The Comptroller's report of contracts executed during the period January 1 to 31, 1960.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Allied Chemical Corp., Nitrogen Division	Occurrence of residual fertilizer among various soil fractions as indicated by isotopic nitrogen	\$ 2 500 00	January 21, 1960
Federal Housing Administration	Field investigation and report of vacant commissioner-owned houses within the jurisdictional area of the FHA insuring office at Indianapolis, Indiana	2 000 00	January 12, 1960
Mark L. Morris Animal Foundation	Paper electrophoretic analysis of serum proteins of debilitated dogs before, during and after special dietary treatment	2 415 00	January 12, 1960
United States Air Force AF11(602)-2066	Academic instruction	2 648 00	November 24, 1959
United States Air Force AF29(601)-2372	Behavior and design of deep structural members	44 000 00	December 1, 1959
United States Army DA-49-146-XZ-023	Feasibility of designing and building a soil loading system	34 000 00	September 1, 1959
United States Air Force AF49(638)-763	Electron microscopy of ultrasonically irradiated muscle	14 820 00	November 1, 1959
United States Industrial Chemicals Co.	Soil fertility requirements of different genetic lines of soybeans	9 000 00	January 8, 1960

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
International Harvester Co.	One power take-off attachment for TD-9 No. 65902	\$ 24 97 annually	December 14, 1959
New Idea Farm Equipment Co.	One No. 10 New Idea corn picker	142 20 annually	November 2, 1959
Perfection Steel Body Co.	One No. 51B Cobey PTO unloading wagon, complete	40 10 annually	December 21, 1959

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Allied Chemical Corp.	Ruminant nutrition with particular regard to energy and nitrogen utilization	\$ 2 000 00	December 31, 1959
Association of American Railroads and American Iron and Steel Institute	Causes of failures in railroad rails in service together with their prevention	5 000 00	November 12, 1959

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Corn Products Refining Co.	Carbohydrates and unidentified growth factors for the baby pig	\$ 1 500 00	December 14, 1959
Portland Cement Association	Strength and deformation characteristics of reinforced concrete beam-column connections subjected to axial and transverse loads	28 000 00	January 5, 1960
Shell Chemical Corp., Agricultural Chemicals Division	Evaluation of a series of chlorinated hydrocarbon compounds as insecticides	2 500 00	December 4, 1959
United States Air Force AF29(601)-464	Analysis and design of domes, arches, and shells	3 000 00	December 29, 1959
United States Army DA-36-039 SC-78313	Microwave duplexer switching mechanisms	68 833 00	January 4, 1960
United States Army DA-49-007-MD-794	Carcinogenicity of foods preserved by radiation	8 382 00	December 21, 1959
United States Atomic Energy Commission AT(11-1)-415	Unclassified research on electronic high-speed digital computers	340 000 00	December 21, 1959
United States Navy Nonr-1834(17)	Current problems of solid state and surface physics of semiconductors	45 000 00	November 5, 1959
United States Navy N61339-297	Visual displays for aviation training	32 959 00	November 30, 1959
VioBin Corp.	Value of wheat germ oil in physical fitness programs	4 800 00	December 17, 1959

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)	Thirty-two items: \$255.41 deduct to \$219.00	\$ 397 74	December, 1959, and January, 1960

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(17) The Comptroller presented his quarterly report to the Board as of December 31, 1959.

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

BEQUEST OF INA MEREDITH HUNTER

(18) The late Mrs. Ina Meredith Hunter of Eureka, California, and an alumna of the University of Illinois, Class of 1914, included in her will the following bequest: "I give and bequeath to the University of Illinois Student Loan Fund, of Urbana, Illinois, the sum of \$4,000.00 to be used in making loans to deserving junior and senior students who won honors in scholarship in the sophomore year."

This bequest has been accepted on behalf of the University and is reported for record. The University has been advised by the attorney for Mrs. Hunter's estate that probate proceedings should be completed and payment received by the University not later than December, 1960.

Confirmation of acceptance is requested.

On motion of Mr. Johnston, this acceptance was confirmed.

HANGAR AT UNIVERSITY AIRPORT

(19) The National Distillers and Chemical Corporation, New York, New York, has offered to construct a hangar at the University of Illinois Airport and, upon completion, to deed it to the University. In return, the University would be asked to lease the hangar to the Corporation at a nominal rental for ten years, subject to negotiated renewal for an additional five-year period. The University's only other obligation would be to bring utilities to the site and provide for exterior maintenance of the building. Plans and specifications will be approved by the University, and the supervising engineer at the Airport will superintend construction. No aircraft or other maintenance will be performed in the hangar without specific University approval.

The improvements will increase the University's physical assets by at least \$100,000. The Director of the Institute of Aviation and the Vice-President and Comptroller recommend approval of the proposal.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents, subject to approval of the Legal Counsel.

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

ACQUISITION OF FARM LAND FOR COLLEGE OF AGRICULTURE AND EXPERIMENT STATION

(20) By authority of the Board of Trustees, the University instituted proceedings, under its right of eminent domain conveyed upon it by law, in the Circuit Court of Champaign County for the acquisition of the H. N. Pell farm of 160 acres southeast of Urbana for the College of Agriculture and the Agricultural Experiment Station.

These proceedings have been concluded, and the jury has fixed a price of \$700 an acre, or \$112,000, as the fair value of this land, and the Court has entered an order authorizing its sale to the University. It is now necessary for the Board of Trustees to take certain actions:

Authorize the payment of the compensation determined in these legal proceedings and accept title to the land;

Transfer of title of this land, when conveyed to the University, to the University of Illinois Foundation which will finance its purchase;

Lease of the land from the Foundation.

The University will have the option under the lease of the land to purchase it when funds are available.

I recommend that purchase of the land under the conditions indicated and the adoption of the resolution submitted herewith.

Resolution Authorizing Payment for Pell Tract, Conveyance of Title Thereto, and Leasing Thereof

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, hereinafter referred to as "University," that the Comptroller and Secretary of this University be, and they hereby are, authorized for, and in the name of, and on behalf of, this University to enter into an agreement with University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, with its principal office in the City of Urbana, in the County of Champaign, and State of Illinois, hereinafter referred to as "Foundation," providing for the sale and conveyance to Foundation of title to the tract of land hereinafter described and herein referred to as the "Pell Tract" at a sale price equivalent to the compensation award of \$112,000.00 entered by the Circuit Court of Champaign County, Illinois, on February 18, 1960, in the eminent domain proceedings entitled, "The Board of Trustees of the University of Illinois, a public corporation, vs. Gordon Moser et al., Defendants, Law No. 60-L-10," and any additional costs incidental thereto incurred by University in acquiring title to said Pell Tract.

Be It, And It Hereby Is Further Resolved that upon compliance with the terms of said agreement by Foundation, and in accordance with the terms thereof, said Comptroller and Secretary be, and they hereby are, authorized and directed to execute, acknowledge, and deliver, in the name and in behalf of, this University, and under its Corporate Seal, a Warranty Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to Foundation title to the following described property, viz:

The Northwest Quarter (NW $\frac{1}{4}$) of Section Twenty-eight (28) in Township Nineteen (19) North, Range Nine (9) East of the Third Principal Meridian (3rd P.M.) in Urbana Township, in the County of Champaign and State of Illinois;

hereinafter referred to as the "Pell Tract."

Be It, And It Hereby Is Further Resolved that said Comptroller and Secretary be, and they hereby are, authorized for, and in the name of, and on behalf of, this University to enter into a Lease Agreement with Foundation providing for the leasing to this University of the tract of land hereinabove described as the Pell Tract for an original term, commencing on the date Foundation acquires title to said Pell Tract and ending on the 30th day of June, 1961, and which term shall be automatically extended for successive two (2) year periods from July 1, 1961, to June 30, 1963, and from July 1, 1963, to June 30, 1965, unless written notice of termination is given to Foundation by this University on or before June 30, 1961, whereupon said Lease shall terminate on June 30, 1961; or on or before June 30, 1963, whereupon said Lease shall terminate on June 30, 1963. The rental shall be equivalent to the interest charges incurred by Foundation under its Loan Agreement with The First National Bank of Chicago providing for funds for the acquisition by Foundation of title to said Pell Tract and any financial charges incidental to the acquiring or renewal of said Loan Agreement. During the term of the Lease the University shall pay any and all special assessments or taxes assessed against said Pell Tract or will secure an exemption therefrom, or will otherwise see that no lien for taxes or assessments is or becomes effective, or if becomes effective is not enforced against said premises, and University shall agree that it will keep said Pell Tract free from any Mechanic's Liens and to make, and to pay for any costs of, necessary repairs and upkeep of said Pell Tract while in its possession under this Lease. Said Lease shall contain an option giving this University the right to purchase and acquire title in fee simple absolute to said Pell Tract by paying all principal and interest costs and financial charges incidental thereto incurred by Foundation under the terms of said Loan Agreement with The First National Bank of Chicago or in connection therewith.

Be It, And It Hereby Is Further Resolved that the Comptroller of this University be, and he hereby is, authorized and directed to deposit with the County Treasurer of Champaign County, Illinois, for the benefit of the persons thereto entitled, as provided for by statute, the amount of the compensation award for said Pell Tract entered by the Circuit Court of Champaign County, Illinois, in the sum of \$112,000.00, and to pay the court costs of said suit, and any additional costs incidental thereto or incurred in connection therewith in the acquiring of, or in order to vest in this University title to, said Pell Tract.

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

HOMECOMING, 1960

Mr. Clement presented the following statement and motion:

October 8, 1960 has been designated as Homecoming Day this year. It is noted that the tradition of observing Homecoming Day, which has now been established at many colleges and universities, was started at the University of Illinois in 1910, and this year will mark the Fiftieth Anniversary of Homecoming on the University of Illinois campus. The University of Illinois Alumni Association is making a special effort to have this Golden Anniversary Homecoming be a week end of significance. On behalf of the Committee on Alumni, I move that the Board of Trustees request Governor William G. Stratton to issue a proclamation calling public attention to the "Golden Anniversary of the University of Illinois Homecoming" on October 8, 1960.

This motion was unanimously adopted.

APRIL MEETING

On motion of Mr. Swain, the Board voted to hold its April meeting in Chicago on Wednesday, April 20, 1960.

DEGREES CONFERRED

The Secretary presented for record the following list of degrees con-

ferred February 13, 1960, on recommendation of the Urbana-Champaign Senate and by authority of the Board of Trustees.

Summary

Degrees in the Graduate College:

Doctor of Philosophy.....	90
Doctor of Education.....	2
Master of Arts.....	47
Master of Science.....	201
Master of Music.....	4
Master of Education.....	34
Master of Architecture.....	4
Master of Accounting Science.....	2
Advanced Certificate in Education.....	3
<i>Total, Graduate College.....</i>	<i>(387)</i>

Degrees in Law:

Bachelor of Laws.....	7
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Baccalaureate Degrees:

Bachelor of Science, College of Agriculture.....	72
Bachelor of Science, College of Engineering.....	266
Bachelor of Arts, College of Liberal Arts and Sciences.....	106
Bachelor of Science, College of Liberal Arts and Sciences.....	81
Bachelor of Science, College of Education.....	52
Bachelor of Science, College of Commerce and Business Administration..	115
Bachelor of Science, College of Journalism and Communications.....	31
Bachelor of Architecture, College of Fine and Applied Arts.....	32
Bachelor of Fine Arts, College of Fine and Applied Arts.....	33
Bachelor of Music, College of Fine and Applied Arts.....	2
Bachelor of Science, College of Fine and Applied Arts.....	12
Bachelor of Science, College of Physical Education.....	22
Bachelor of Science, Division of Special Services for War Veterans.....	19
<i>Total, Baccalaureate Degrees.....</i>	<i>(843)</i>
<i>Total, Degrees Conferred.....</i>	<i>1,237</i>

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

CHARLTON GEORGE SCHOEFLER, B.S., State University of New York College for Teachers (Albany), 1939; A.M., Wayne University, 1950

In Agronomy

ASOKE KUMAR GHOSH, B.S., Allahabad University, 1946; M.S., Agra University, 1955
ELLERY LOUIS KNAKE, B.S., M.S., 1949, 1950

In Animal Nutrition

SAMUEL VALENTINO AMATO, B.S., M.S., University of Connecticut, 1954, 1956

In Botany

MELVYN IRA SELSKY, A.B., A.M., Brooklyn College, 1954, 1956

In Business

JOHN ALFRED REINECKE, B.B.A., Loyola University (New Orleans, Louisiana), 1951; M.B.A., Tulane University, 1953

In Ceramic Engineering

DANIEL LEW DEADMORE, B.S., M.S., 1949, 1956

In Chemical Engineering

- RICHARD ANDREW EPPLER, B.S., Carnegie Institute of Technology, 1956; M.S., 1958
 EDWARD JOHN KOVAL, B.S., University of Notre Dame, 1951; M.S., 1958

In Chemistry

- STANLEY WALTER BLUM, B.S., University of Wisconsin, 1955
 RICHARD WAYNE BUSH, B.S., Massachusetts Institute of Technology, 1956
 WILLIAM EDWARD CHAMBERS, B.S., Marshall College, 1955; M.S., 1957
 HUNG YU CHEN, B.S., National Taiwan University, 1953
 MARY JOAN SIROTEK CRESPI, B.S., Rosary College, 1952
 DANICA DABICH, B.S., University of Michigan, 1952; M.S., Ohio State University, 1955
 WILLIAM ALEXANDER DEMEESTER, A.B., Hope College, 1949; M.S., University of Vermont, 1951
 GABRIEL LOUIS DE TOMMASO, B.S., University of Rhode Island, 1956
 JÜRGEN DIEKMANN, A.B., Kalamazoo College, 1956
 JAMES FRANCIS DUNPHY, B.S., Boston College, 1951
 ROBERT LOUIS EISSLER, B.S., Evansville College, 1949; M.S., 1956
 DAVID EDWARD FRANKHOUSER, B.S., Albright College, 1955
 EDWARD JOHN GALL, B.S., Rutgers University, 1954
 CAROLE RUTH GATZ, B.S., Iowa State University, 1954
 THEMISTOCLES PANTELIS HADJIIOANNOU, Diploma, University of Salonika, 1951; M.S., 1958
 CHARLES CHIA-LIEH HWA, B.S., St. John's University (China), 1945
 JOSEPH PINCUS KLEIMAN, B.S., Carnegie Institute of Technology, 1955
 JOHN EDWARD McNARY, B.S., Massachusetts Institute of Technology, 1954; M.S., University of Wisconsin, 1956
 GERARDINE MEERMAN, B.S., A.M., 1950, 1955
 VIRGIL DALE MOCHEL, B.S., M.S., Purdue University, 1952, 1954
 EARL THOMAS NILES, A.B., Hope College, 1956
 ALAN HERBERT PETERSON, A.B., Augustana College (Illinois), 1955
 WILLIAM HOWARD PITTMAN, B.S., University of Missouri, 1956
 JOHN RICHARD ROGERS, B.S., University of Wisconsin, 1953
 JOHN ARDEN ROTHFUS, A.B., Drake University, 1955
 SUNT TECHAKUMPUCH, B.S., Massachusetts Institute of Technology, 1953; M.S., 1954
 ROBERT JOSEPH TUITE, B.S., St. John Fisher College, 1956
 PETROS DEMETRIOS ZAVITSANOS, A.B., University of California (Berkeley), 1955; M.S., 1957

In Civil Engineering

- ARTHUR FELDMAN, B.S., Washington University, 1952; M.S., 1954
 SAMUEL SUTCLIFFE, B.S.S., University of Connecticut, 1955; M.S., 1958

In Communications

- JOHN MICHAEL KITROSS, A.B., Antioch College, 1951; M.S., Boston University, 1952

In Dairy Science

- KENNETH E. HARSHBARGER, B.S., M.S., 1937, 1939

In Economics

- NAI-RUENN CHEN, A.B., National Taiwan University, 1950; M.S., 1955
 YU-MIN CHOU, A.B., A.M., 1954, 1955
 ED FRANKLIN CRIM, JR., B.S., University of Oklahoma, 1943; M.S., 1953

In Education

- ELIAS BLAKE, JR., A.B., Paine College, 1951; A.M., Howard University, 1954
 GEORGE ALBERT ROBINSON, JR., B.S., M.S., 1955, 1956
 CAROL RITA NEWTON WHITE, A.B., Smith College, 1949; Ed.M., 1953

In Electrical Engineering

- MURRAY LEWIS BABCOCK, B.S., M.S., 1948, 1949
 DONALD LESTER BITZER, B.S., M.S., 1955, 1956
 SHLOMO KARNI, B.S., Technion, Israel Institute of Technology, 1956; M.Eng., Yale University, 1957
 RUEY-WEN LIU, B.S., M.S., 1954, 1955
 VEMPATI GOPALA KRISHNA MURTI, B.Eng., University of Madras, 1953; M.Eng., Yale University, 1957
 HING-CHEONG SO, B.S., M.S., 1956, 1957
 WILLIAM HENRY STEIER, B.S., Evansville College, 1955; M.S., 1957
 IRA WEISSMAN, B.S., M.S., 1949, 1950

In Food Technology

- SHANTILAL NATHUBHAI SHAH, B.S., University of Bombay, 1951; B.S. (Technology), M.S., Nagpur University, 1954, 1959

In French

- THOMAS HAROLD BROWN, A.B., Brigham Young University, 1955; A.M., 1957

In Geography

- ALBERT JOSEPH KORSOK, B.S., Western Reserve University, 1949; A.M., Northwestern University, 1950

In Geology

- RICHARD ALLEN YUND, B.S., 1956

In History

- ROY ANTHONY RAUSCHENBERG, A.B., A.M., 1951, 1956
 GERTRUDE ALMY SLICHTER, A.B., Vassar College, 1949; A.M., 1952

In Library Science

- ROBERT WILSON KIDDER, A.B., A.M., University of New Hampshire, 1938, 1939; B.S., M.S., 1941, 1947
 JOE WALKER KRAUS, A.B., Culver-Stockton College, 1938; B.S., A.M., 1939, 1941
 WESLEY CLARK SIMONTON, A.B., University of Cincinnati, 1941; B.S., M.S., Columbia University, 1946, 1948

In Mathematics

- MILDRED JEANNETTE BRANNON, B.Mus., 1940; M.Mus., Indiana University, 1942; A.M., 1945
 GREGORY LAWRENCE CURME, B.S., A.M., 1951, 1954
 JOHN ARTHUR ERNEST, A.B., Drew University, 1957; M.S., 1958
 DONALD EARL MYERS, B.S., M.S., Kansas State University, 1953, 1955
 SUBRAMONIER PARAMESWARAN, B.S., M.S., University of Travancore, 1941, 1957
 MUDOMO SUDIGDOMARTO, M.S., University of Indonesia, 1954

In Metallurgical Engineering

- JOSEPH FRANCIS ENRIETTO, B.S., M.S., 1956, 1957

In Microbiology

- ROGER LOUIS STORCK, Diploma, Institute of Fermentation Industries, 1945, 1946

In Physical Education

- STANLEY RICHARD BROWN, Diploma, University of Otago, 1951; M.S., 1957
 EVERETT EARL PHILLIPS, JR., B.S., Southwest Missouri State College, 1952; M.S., 1956
 FREDERICK BOYS ROBY, JR., B.S., State Teachers College (Slippery Rock, Pennsylvania), 1953; M.S., 1954
 ELMER ARTHUR SCHOLER, B.S., M.S., 1950, 1957
 LEROY FARWELL STERLING, B.S., M.S., 1955, 1956

In Physics

- JOHN DAVID FOX, B.S., Massachusetts Institute of Technology, 1951; M.S., 1954
 NEAL LOUIS LAURANCE, B.S., M.S., Marquette University, 1954, 1955
 ROBERT LEE MIEHER, B.S., M.S., 1954, 1955

In Plant Pathology

- AKKIHEBBAL N. NAGARAJ, B.S., University of Mysore, 1950; Associate, Indian
 Agricultural Research Institute, 1952

In Political Science

- ALICE LUCINDA EBEL, A.B., Heidelberg College, 1927; A.M., University of Chi-
 cago, 1931
 WILLIAM THOMAS McCLURE, JR., A.B., A.M., 1954, 1955

In Psychology

- CHARLES MACMILLAN BRODIE, A.B., Carleton College, 1954
 MELVIN LEON GOLDSTEIN, A.B., New York University, 1948; M.S., Washington
 State University, 1951
 MILTON OTTO MEUX, A.B., Kalamazoo College, 1953
 WARREN LESLIE SMITH, B.S., Bradley University, 1947; M.S., 1950

In Sociology

- LEWIS JAMES DAVIES, A.B., A.M., University of Texas, 1947, 1950

In Zoology

- WALTER JAMES HARMAN, B.S., Louisiana Polytechnic Institute, 1948; A.M., Uni-
 versity of Arkansas, 1950
 EUGENE WILLIAM McARDLE, B.S., St. Mary's College, 1953; M.S., Marquette Uni-
 versity, 1956

Degree of Doctor of Education*In Education*

- CHARLES RENNIE HICKLIN, A.B., Drury College, 1949; A.M., 1953
 JOHN D. ROWLETT, B.S., M.S., North Texas State College, 1949, 1950

Degree of Master of Arts*In Economics*

- ROBERT FERDINAND SEVERSON, JR., B.S., 1958

In English

- SAYRE DUNBAR ANDERSEN, A.B., 1959
 FORDYCE JUDSON BENNETT, A.B., Greenville College, 1945
 EDWARD WATSON CADE, B.S., Memphis State College, 1958
 ELEANOR FRANCES GORNT0, A.B., 1958
 DONALD BRUCE HALOG, B.S., University of San Francisco, 1958
 MARY ALICE HEAGARTY, A.B., Seton Hill College, 1958
 ARTHUR LEROY KISTNER, A.B., 1955
 LOREN LEROY LOGSDON, A.B., Eureka College, 1958
 PRISCILLA THORPE REHM, A.B., 1959
 ROBERT LEROY SCHRAG, A.B., 1958
 MARILYN JOAN WHITSITT, A.B., Monmouth College, 1957
 JACOB JOSEPH ZUBATY, B.S., 1953

In French

- CORNELIA MARIE CARNES, A.B., 1959

In Geography

- ROBERT WILLIAM LATTA, A.B., Indiana University, 1956
 HUBERT GUSTAV HILMAR WILHELM, B.S., 1958

In German

ELLEN MARGOT BULEY, Certificate, Friedrich-Wilhelm University at Bonn, 1931
 FRANZ JOSEF PFISTER, A.B., Bowling Green State University, 1958
 AUSRELE MARY VENCLOVA, A.B., 1956

In History

RICHARD ELMER GEIGER, A.B., University of Notre Dame, 1957
 RICHARD JAMES MASKOFF, A.B., 1958
 JAMES OLIN RICHARDS, A.B., Georgetown College, 1958

In Labor and Industrial Relations

CARL ALVIN BLOOMQUIST, JR., B.S., Washington University, 1956
 ROBERT THALLON HALL, A.B., University of Texas, 1958
 ABRAHAM KENNETH KORMAN, A.B., Brooklyn College, 1956
 CHARLES GEORGE WEAVER, A.B., Muskingum College, 1958

In Political Science

MERWIN KENNETH SIGALE, B.S., 1957

In Psychology

JOHN RICHARD HURLEY, A.B., 1955
 JAMES WILLIAM JULIAN, A.B., Michigan State University, 1955
 ELEANOR FRANCES PEER MEUX, A.B., University of Michigan, 1956
 DEMETRIOS PAPAGEORGIS, A.B., Hamilton College, 1957
 ROBERT CHARLES PIERCE, A.B., Stanford University, 1957
 JAMES SHAW TERWILLIGER, B.S., 1957

In Social Sciences

WILLIAM WALTER BAST, A.B., Lawrence College, 1958
 LYLE DOUGLAS JACOBSON, A.B., 1959

In Sociology

PHILIP WOBBER MARDEN, A.B., Rutgers University, 1955
 SHELVIN SINGER, B.S., Northern Illinois University, 1954

In Speech

CHARLES ROSS LOVE, A.B., Howard College, 1955
 CHARLES JOSEPH STEWART, B.S., Indiana State Teachers College, 1958

In Statistics

DENNIS LOUIS CWIK, A.B., 1955

In the Teaching of English

FRANCISCA DYCUECO GO, B.S.E., University of Santo Tomas, 1946
 THERESA STINE WISSMILLER, A.B., 1957

In the Teaching of French

HELEN SONORA GOFF, A.B., Talladega College, 1956

In the Teaching of German

RENATE MARGARET OPPENLANDER, B.S., 1956
 KENNETH LLOYD WIGGINS, A.B., Wayne University, 1957

In the Teaching of Social Studies

HAROLD ALBERT EHRLICH, A.B., 1953
 MARY A. FALETTI LAUCK, A.B., 1952

Degree of Master of Science*In Accountancy*

- BERNARD ANTHONY CODA, JR., B.S., Olivet Nazarene College, 1957
 ROBERT REON IRISH, A.B., 1943
 MARGARET CHIEN-JUNG LEE, A.B., National Taiwan University, 1956
 MELVIN THEODORE McCLURE, A.B., University of Maine, 1957
 HWA WANG, A.B., National Taiwan University, 1955

In Aeronautical Engineering

- WARREN ROBERT JAMES, B.S., 1958
 TZU-SIEN SHAO, B.S., National Taiwan University, 1956
 WOLFGANG HERMANN FRANZ STAHL, Diploma, Technical Institute (Stuttgart),
 1956

In Agricultural Economics

- RICHARD EDWARD CAPRA, B.S., Cornell University, 1958
 CLARENCE OLIVER DAVIS, B.S., 1959
 HAROLD JAMES TIPPETT, B.S., 1958
 FORREST EUGENE WALTERS, B.S., Oklahoma State University, 1958

In Agricultural Education

- LOWELL EDWIN AKERS, B.S., 1956
 LELAND ELMER ASHBY, JR., B.S., 1954

In Agricultural Engineering

- ERROL DAVID RODDA, B.S., 1951

In Agronomy

- SHARANJIT SINGH BAL, B.S. (Agriculture), Panjab University, 1952
 NARSINGH DASS, B.S., M.S., University of Punjab, 1937, 1943
 DONALD STUART GALITZ, A.B., Monmouth College, 1956
 PRITAM SINGH HOSHIARPURI, B.S., East Panjab University, 1948; M.S., Panjab
 University, 1955
 MORRIS GLEN HUCK, B.S., 1958
 VED BHANU MALIK, B.S., Agra University, 1947
 DARRELL ALVIN MILLER, B.S., 1958
 RUSSELL CLARENCE TURNER, JR., B.S., 1958

In Animal Science

- ROBERT ROBBINS GARRIGUS, B.S., University of Kentucky, 1958
 ROBERT EDWIN SCHMELZER, B.S., 1958

In Architectural Engineering

- RONALD GENE BOWEN, B.Arch., 1957

In Biological Sciences

- NAOMI ISHINO LIDICKER, B.S., 1956
 WELDON FREDERICK MAISCH, B.S., Illinois Wesleyan University, 1957

In Botany

- ROBERT ARTHUR CLAUS, B.S., Northwestern University, 1951

In Ceramic Engineering

- GENE HENRY HAERTLING, B.S., University of Missouri School of Mines and
 Metallurgy, 1954
 RICHARD JOSEPH HERBST, B.S., 1958
 DORIS MARGARET MARONEY, B.S., Alfred University, 1958

In Chemical Engineering

DIBYENDU NARAYAN GHOSH, B.Ch.E., Jadavpur University, 1956

In Chemistry

LEE MASON CHAMBERS, B.S., Marshall College, 1958
 JAMES LORAN FOGHT, B.S., University of Akron, 1958
 WALTER WILSON GALE, B.S., Brown University, 1958
 MINAS PRODROMOS GEORGIADIS, Graduate, Athens National and Capodistria University, 1953
 HERBERT JOHN HAVERA, B.S., Bradley University, 1958
 JAMES CAMERON HILL, B.S., Northwestern State College of Louisiana, 1957
 GEORGE LOUIS MORGAN, B.S., Case Institute of Technology, 1958
 DOCTOR STEVEN MORRISSEY, B.S., Agricultural and Technical College of North Carolina, 1953
 SUBHARP MUENNICKORN, B.S., Chulalongkorn University, 1955; M.S., Indiana University, 1959
 ROBERT JOSEPH NIEDZIELSKI, B.S., Aquinas College, 1958
 BETTY JANKY SHEPHERD, B.S., University of Dubuque, 1958
 KATHLEEN ELLEN SLAVIN, B.S., Mount Mary College, 1958
 HAROLD SPENCER SWOFFORD, JR., A.B., Western Washington College of Education, 1958
 ERIC CLIFFORD TOREN, JR., A.B., Northwestern University, 1955
 JOHN FINLEY WITHERSPOON, B.S., Ed.M., 1955, 1958

In City Planning

DEBAJYOTI AICHBHAIUMIK, B.Arch., University of Calcutta, 1957
 DAVID RAY MCCULLOUGH, A.B., Miami University, 1948; LL.B., Ohio Northern University, 1952
 DOUGLAS ROGER PORTER, B.S., Michigan State University, 1957

In Civil Engineering

DARRELL RAYMOND ANDERSON, B.S., United States Military Academy, 1954
 HARRY EUGENE AULD, B.S., Michigan College of Mining and Technology, 1954
 WILBUR CRAIG BUCKHEIT, B.S., United States Military Academy, 1954
 ARUN CHAISERI, B.S., Chulalongkorn University, 1956
 ROBERT JOSEPH CONLON, B.S., Queen's University, 1958
 WILLIAM GENE CORLEY, B.S., 1958
 EDWARD LOUIS DAMAL, B.S., 1954
 HENRY ALBERT RAWDON DE PAIVA, B.S., University of Alberta, 1955
 DAVID LORING DIMICK, B.S., United States Military Academy, 1954
 PAUL CYR DRISCOLL, B.S., United States Military Academy, 1954
 CLIFFORD THOMAS FLANIGAN, B.S., United States Military Academy, 1954
 GEORGE WATKINS GREENWOOD, B.S., University of Maine, 1951
 LAURENCE ROBERT HALL, B.S., Queen's University, 1958
 JAMES ELLIS HAYS, B.S., United States Military Academy, 1954
 ADOLPH AUBREY HIGHT, B.S., Hampton Institute, 1953
 PETER GEORGE HOADLEY, Duke University, 1957
 LEIF HOGNESTAD, B.S., University of Leeds, 1958
 WEI HSIONG, B.S., Taiwan Provincial Cheng Kung University, 1953
 CHI LUNG HUANG, B.S., National Taiwan University, 1955
 WEN-HSIUNG HUANG, B.S., National Taiwan University, 1956
 MAXIMIANO ROMUALDEZ JANAIRI, JR., B.S., United States Military Academy, 1954
 CHUNILAL KOTUMAL LALWANI, B.Eng., Gujarat University, 1958
 TORSTEN CARL IVAR MUHR, B.S., 1954
 ABDUL GHAAFOOR QAISSAUNEE, B.S., University of Wyoming, 1955
 FREDERICK PRATT REYNOLDS III, B.S., United States Military Academy, 1953
 NORMAN CARL RODEN, B.S., 1958
 GAUTAM THAKORBHAI SHROFF, B.Eng., Gujarat University, 1956
 WAYNE MANNING STEVENS, B.S., Agricultural and Mechanical College of Texas, 1950
 ROGER LEWIS STOUGHTON, B.S., State University of Iowa, 1958
 WILLIAM EDWARD THORNTON, B.S., 1959

CHUNG CHI TSAI, B.S., Taiwan Provincial Cheng Kung University, 1955
 CARL JOHN TURKSTRA, B.S., Queen's University, 1958
 EDWARD GEARY WORTH, B.S., Oregon State College, 1957

In Commercial Teaching

MARY ELLEN GUFFEY, B.S., Bowling Green State University, 1958

In Dairy Science

GERRIT CORNELIS VAN DAM, Candidate, Utrecht University, 1952

In Dairy Technology

RAM AUTAR CHAUDHARY, B.S., M.S., Agra University, 1949, 1952

In Economics

EUGENE ALBERT PHILIPPS, B.S., 1958

In Education

DAVID PHILLIP BUTTS, B.S., Butler University, 1954
 MAKONNEN KEBRET, B.S., Imperial Ethiopian College of Agriculture and Mechanical Arts, 1957
 JULIA WOOD LORD, A.B., Pennsylvania State University, 1950

In Electrical Engineering

LAWRENCE WILLIAM AMIOT, B.S., 1959
 THOMAS FINLEY DEBNAM, JR., B.E.E., Georgia Institute of Technology, 1954
 ARNOLD WILLIAM DIPERT, B.S., 1958
 DEAN RICHARD EVERT, B.S., 1959
 SIDNEY BRUCE FRANKLIN, B.S., Union University, 1952
 YU-MIN FU, B.S., National Taiwan University, 1955
 JAMES BERNARD GERARDO, B.S., 1959
 ELMER ANSON GOETSCH, B.S., University of Wisconsin, 1953
 HENRY GUCKEL, B.S., University of Buffalo, 1958
 ALEXANDER HACHIGIAN, B.S., Ed.M., 1953, 1954
 THOMAS MILTON HALLMARK, B.S., University of Tennessee, 1958
 JAMES EDWARD HANLEY, B.S., 1959
 KERMIT KEITH WILLIAM HEID, B.S., 1959
 RONALD PAUL JETTON, B.S., 1959
 YING-CHAO KIANG, B.S., Taiwan Provincial Cheng Kung University, 1953
 JOHN ALLAN KLOBUCHAR, B.S., 1958
 HEYDON ZANE LEWIS, B.S., University of Arkansas, 1958
 WESLEY ALEXANDER NEWSOME, JR., B.S., United States Naval Academy, 1954
 FRANK T. PIMENTEL, B.S., United States Military Academy, 1952
 DONALD FRANCIS SCHILTZ, B.S., 1959
 FRED JOHN WYMER, B.S., 1958

In Entomology

RICHARD LESTER HURLEY, A.B., Queen's University, 1957
 CALVIN FRANKLIN SOO HOO, A.B., University of California (Santa Barbara), 1957

In Finance

WARNER OTTO BRANDENBURG, B.S., Northwestern University, 1937; Graduate, United States Air Force Institute of Technology, 1953

In Geology

JAMES DUDLEY CARL, B.S., University of Missouri School of Mines and Metallurgy, 1957
 ALLEN REED KRUEGER, A.B., Antioch College, 1955
 SAMUEL SEH-SHUE LEUNG, B.S., National Taiwan University, 1957
 ROGER GLEN WOLFF, B.S., South Dakota School of Mines and Technology, 1958

In Home Economics

ELIZABETH LINCOLN HALLMARK, B.S., University of Tennessee, 1958

In Home Economics Education

EVELYN JEAN KOLLER, B.S., Wheaton College (Illinois), 1955
 BETTY COLEMAN THOMAS, B.S., Wayne State University, 1949

In Journalism

PHIL BRYAN JONES, B.S., 1958

In Library Science

AARON GREEN, A.B., University of California (Berkeley), 1939
 HAZEL DETER NICE, B.S., Goshen College, 1952
 VIRGINIA GLENN RUBINSTEIN, A.B., University of Tennessee, 1956
 JULIA HARDESTY TRIPLEHORN, A.B., Ohio Wesleyan University, 1957
 HILDA FRASE WOMACK, B.S., St. Ambrose-Marycrest College, 1949

In Management

RICHARD HARRY FABRIS, B.S., La Salle College, 1958
 WILLIAM THEODORE HERMAN, B.S., 1958

In Marketing

CARL JACOB SCHUETZE, JR., B.S., 1958

In Mathematics

JACK WILFRID BISHOP, A.B., University of New Mexico, 1956; B.S., 1958
 GORDON EDGAR CASH, B.S., 1958
 LENA CHANG, B.S., 1958
 JAMES FREDRICK DEVINE, B.S., 1958
 DALE EUGENE KAISER, B.S., 1954
 JOSEPH GEORGE KAPPEL, JR., B.S., St. Louis University, 1956
 BHUBANANANDA RAY, A.B., Utkal University, 1945; A.M., University of Calcutta,
 1947
 MICHAEL SAMUEL SKAFF, B.S., University of Michigan, 1958

In Mechanical Engineering

ARAMANGALAM ASTHAGIRI ANANTHANARAYANAN, B.S., University of Madras,
 1950; B.Eng., Annamalai University, 1954
 ARTHUR MARVIN CLAUSING, B.S., Valparaiso University, 1958
 DANIEL EDWARD CZERNIK, B.S., 1959
 SHASHINATH JAIWANT GUDE, B.Eng., University of Poona, 1956
 WILLIAM FREDERICK SHARP, B.S., 1958
 ERNEST MYLES WILLER, B.S., 1959
 KHAJA ZUHURUDDIN, B.Eng., Osmania University, 1958

In Metallurgical Engineering

WILLIAM THEODORE BECKER, B.S., 1957
 KENNETH THOMAS KAMBER, B.S., 1958

In Microbiology

JOANNA GAIL SKEIVYS, B.S., 1958
 RAYMOND CARLYLE VALENTINE, B.S., 1958

In Mining Engineering

ARTHUR RICHARD SCHLEICHER II, A.B., Oklahoma Baptist University, 1956
 HASAN NECDET SUNAY, E.M., Colorado School of Mines, 1958

In Music Education

JAMES MILTON BRINKMAN, B.S., Quincy College, 1957
 ARTHUR RAY KELLER, B.Mus.Ed., Bradley University, 1959
 BEATRICE MARTHA WRIGHT, A.B., Greenville College, 1955

In Physical Education

JEFFREY MINER AUSTIN, B.S., 1955
 JOHN RICHARD BAUER, B.S., 1958
 THOMAS WAYMAN LEAMING, A.B., Earlham College, 1954
 JAMES THOMAS SCHULDIT, B.S., 1954
 JAMES STANFORD SKINNER, B.S., 1958

In Physics

RICHARD KEITH AHRENKIEL, B.S., 1959
 VAN FONKEN WILFORD BLUEMEL, B.S., University of Michigan, 1956
 JAMES ROBERT BOYD, A.B., Hastings College, 1958
 ROBERT GERALD CAWLEY, B.S., Massachusetts Institute of Technology, 1958
 BRENT C. CUMMINGS, B.S., University of Idaho, 1958
 RICHARD LEO FREDRICKSON, A.B., San Diego State College, 1958
 HOWARD MICHAEL GILDER, B.M.E., Cooper Union, 1958
 STANLEY PHILLIP GUDDER, B.S., Washington University, 1958
 DAVID WALTER HAFEMEISTER, B.S., Northwestern University, 1957
 RANDOLPH HARTVIG JEPPESEN, A.B., Montana State University, 1958
 JOHN WILBERT KANZ, B.S., University of Washington, 1958
 RONALD NORMAN LEE, B.S., 1958
 CHARLES HERBERT NEUMAN, B.S., California Institute of Technology, 1958
 TIN OHN, B.S., University of Rangoon, 1956
 JOHN RICHARD PARSONS, B.A.Sc., University of Toronto, 1958
 OTIS GRANVILLE PETERSON, B.S., 1958
 DAVID NIEMAN PIPKORN, B.S.E., Princeton University, 1958
 WILLIAM REESE, A.B., Reed College, 1958
 RICHARD WHITE SIEGEL, A.B., Williams College, 1958
 DOMINIC ORESTES SKAPERDAS, B.E.E., M.E.E., New York University, 1950, 1954
 ROY STEPHEN TUCKER, B.S., Trinity College, 1958
 EMERY CLARANCE WISMAN, B.S., 1958
 CHARLES GORDON WOHL, A.B., Harvard College, 1958

In Physiology

ALMA WINIFRED DRAKE, B.S., Purdue University, 1955
 FORREST RAYMOND GOODALL, A.B., Colby College, 1956
 RICHARD ALAN NYSTROM, B.S., Tufts University, 1957
 ROBERT JOHN SIMPSON, A.B., Houghton College, 1950

In Speech Correction

JUDITH BAN HASTEROK, B.S., 1954
 JACQUELINE MARIE PIEPER, A.B., B.F.A., 1941, 1943

In the Teaching of Biological Sciences and General Science

GEORGE RICHARD ABRAHAM, B.S., Wisconsin State College (Superior), 1953

In the Teaching of Chemistry

EDWARD LAPORTE SAFFORD, B.S., Northern Illinois University, 1958

In the Teaching of Mathematics

PHYLLIS JEAN WATTS, A.B., Monmouth College, 1955

In the Teaching of the Physical Sciences

MARGARET HALL KLOCK, B.S., University of Missouri, 1956

In Theoretical and Applied Mechanics

CHU-SHIANG CHEN, B.S., National Taiwan University, 1956
 JAMES DENNIS LEASURE, B.S., Drexel Institute of Technology, 1958
 SHUN-KU LEE, B.S., National Taiwan University, 1956
 RALPH IVAN STEPHENS, B.S., 1957
 I CHIH WANG, B.S., National Taiwan University, 1956

In Veterinary Medical Science

JOHN CONNER BARTLEY, B.S., D.V.M., Colorado State University, 1954, 1956
 GANPATRAO MARUTIRAO KANGUDE, Diploma, Bombay Veterinary College, 1945
 DEVARAKONDA KRISHNA MURTY, B.V.S., University of Madras, 1943

Degree of Master of Music

PATRICIA ANNE McLEAN FRANKLIN, A.B., Washington State University, 1956
 STERLING SCOTT JONES, B.Mus., University of Wisconsin, 1951
 FRED A POPE PIERCE, B.Mus., University of Louisville, 1949
 NORMA JEAN MENTZER RUSSAK, B.Mus., Oberlin College, 1957

Degree of Master of Education

JOYCE WHITE ASHBY, B.S., 1954
 ROBERT DEAN BECKER, B.S., Illinois State Normal University, 1955
 MARTHA MARIE CARBERRY, B.S., 1958
 KUO-LIN CHUNG, B.Ed., Taiwan Normal University, 1954
 JOHN MARTIN CIESIELSKI, B.S., Illinois State Normal University, 1951
 ROBERT LYNN CLEVER, A.B., 1959
 ROBERT LOUIS DAVIS, B.S., 1952
 ROSETTA FAY DAWKINS, B.S., Illinois State Normal University, 1956
 RITA FRANCES EPLEY, B.S., Eastern Illinois University, 1950
 JAMES EUGENE FINICAL, B.S., Eastern Illinois University, 1954
 MARY EILEEN GAVICAN, B.S., 1957
 JOAN LEE HARDEN, B.S., Illinois Wesleyan University, 1954
 CONSTANCE BENNETT JOHNSON, B.S., 1958
 ALICE JEAN JONES, B.S., University of Pittsburgh, 1956
 LESTER EUGENE KLAY, B.S., Eastern Illinois University, 1953
 SARYAN LERTPRUK, A.B., Diploma, Chulalongkorn University, 1955, 1956; M.S., 1958
 JAMES ALBERT MAJER, B.S., 1955
 ROBERT EUGENE MATHIS, A.B., University of Oregon, 1951
 DATHANIE McSWINE, B.S., Lincoln University (Missouri), 1955
 RUSSELL LEROY MINARD, A.B., Earlham College, 1958
 ROBERT EDWARD PRELLER, A.B., Northwestern University, 1957
 GEORGE PIERCE PSAUTE, A.B., Olivet Nazarene College, 1950
 ROSEMARY STANTON RICHARDSON, B.S., 1958
 JOSEPH EARL ROSS, A.B., McKendree College, 1957
 NETTIE ROBERTA KLITZING SABIN, A.B., Greenville College, 1953
 EDWARD SCHUTZMAN, B.Ed., Duquesne University, 1951; B.S., Pennsylvania State University, 1952
 JOHN ROY SCHWALBE, B.S., Stout Institute, 1950
 ARTHUR SHARPE, JR., A.B., Harris Teachers College, 1955
 STEPHEN WILKIN SPUDICH, B.S., Rockford College, 1959
 LARRY ARTHUR STONEBURNER, A.B., Augustana College (Illinois), 1956
 EDYTHE BAT TOM, B.Ed., University of Hawaii, 1948
 JEANNE MARIE JOSEPHSON TREBBIEN, A.B., 1955
 ANNA MARIE PORTER WALL, A.B., 1958
 ERNEST WARREN, B.S., Eastern Illinois University, 1949

Degree of Master of Architecture

GEORGE LEWIS CRAIG, B.S., M.S., Virginia Polytechnic Institute, 1954, 1955
 ROBERT DAVID LITVAN, B.Arch., 1958
 HOUNG LIN SWEI, B.S., Taiwan Provincial Cheng Kung University, 1955
 JIA-HUEI YEE, B.S., Taiwan Provincial Cheng Kung University, 1956

Degree of Master of Accounting Science

JOHN ALLAN BROWN, B.S., Illinois Wesleyan University, 1958
DONALD ERVIN KIESO, B.S., Aurora College, 1958

Advanced Certificate*In Education*

JOHN ROBERT DOBSON, A.B., A.M., 1938, 1952
EARL LEE, A.B., Shurtleff College, 1946; Ed.M., 1955
RALPH ANSLEY WANTLAND, B.S., Illinois State Normal University, 1949; M.S., 1952

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science***In Agriculture*

HANS JENS ANDRESEN	PERCY RANSOM JOHNSON
RICHARD REED ANDRESS	RONALD ERNEST JUNKER
CHARLES ROBERT APER	EARL RAYMOND KARGES
BRUCE NATHANIAL BECKMANN	ANTONE LLOYD KEMNETZ
ROGER KEITH BOTTRELL	ROGER FRANKLIN KENSIL
JOHN WARREN BROWN, JR.	DALE FREDRICK LARSON, Honors
VERNON EUGENE BUSBOOM	PAUL VERNON MALVEN, High Honors
EARNEST LAVERLE CHAPMAN	DONALD LEROY NOONAN
LARRY LYNN CLARK	GENE ELLSWORTH POTTER, High Honors
LAWRENCE ALVIN DUEWER	ELMER LEE READLE
STANLEY RAY EDEN	KENNETH WILLIAM RIECKS
HAROLD LEROY EVANS	DONALD ALLEN ROBB
LESTER CECIL FARRIS	CLYDE ALBERT OTTO RUNGE
JOHN ARDEN FASSLER, High Honors	KENNETH FRANCIS SCHWAB
GEORGE WELDON FOGAL	CLYDE FRANK SMITH
ROBERT JAUDON FOSTER	DON THURLOW SMITH
JOHN ANDREW GESELL	ROGER WILBUR STEIGER
ROGER DWIGHT GILLESPIE	DONALD OSCAR STEINKAMP
MILTON CHARLES HALLBERG	ALLAN FRANCIS VINTON, JR.
WAYNE JOEL HEBERER, Honors	GERALD ANDREW WILSON
JOHN GEORGE HUFTALIN	JOHN LARUE WOODS
BILLY SHERWOOD HULL	OSCAR GENE WRIGHT
RONALD LEE IOERGER	KENNETH WADE WYATT
ROBERT JOHN	

In Dairy Technology

JOHN WESTERLAND KIBLER LEON HENRY LANGHAUSER

In Floriculture

CAROL STONEMAN ROLLER, Honors HERLEY CURRY THOMPSON
JAMES LOUIS SANDENO

In Food Technology

STEPHEN LEONARD NORTON

In Home Economics

ROSAMUND ALBERTA ASHWILL	EDRA SCHNEIDER MCHARRY
PATRICIA KENTNER BIELEFELD	SAROJA SPIRAMULU METTA
BARBARA FAY BROWN	KATHERINE AGNES NIEMEYER
KARIN LOUISE EKDAHL	MARY KATHRYN PETER
PAMELIA PALMER FAWCETT	MARION LILLIAN STUENKEL
WENDE WALTA CLAUDIA FEITLER	YOON-HEE SUK
CAROL ANN JACOBSON	MARJORIE ANN SWANSON
NANCY MARIE KAY	MARIAN MURRAY VREELAND, Honors
JOANNE ALDENE LEONARD	

In Home Economics Education

NANCY JOHNSON HENDERSON

KAY DOUGLAS WALTERS

COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Aeronautical Engineering*

KENJI GEORGE ANDO, High Honors
 DONALD JAY BECK
 CHARLES THOMAS CASE
 LAWRENCE HUGH COLLIFLOWER
 GEORGE PAUL EDGELL
 JAMES EDGAR FORRESTER, JR.
 MILTON ALVIN HAEFNER, Honors
 WALLACE JAMES HAHN, JR.
 WILLIAM HENRY HUFFMAN
 GREGORY WAYNE JORDAN

BERNARD ROBERT KIBORT
 RICHARD STANLEY MICHALAK
 RICHARD ARNOLD NORDSIECK
 SHELDON OSHEFF
 KENNETH PENNINGTON
 EDWARD JAMES ROLLO, JR.
 RICHARD WAYNE SIEVERS, Honors
 HOWARD SPRINGER
 RONALD OWEN WOODS

In Agricultural Engineering

ERWIN ONNO ARENDS
 FINIS WILLIAM SCHULTZ

CARL HEINZ SILVA

In Ceramic Engineering

CHARLES WILLIAM BALDRIDGE CONNORS
 JOHN FRANKLIN KRUMWIEDE, Honors
 MILTON CHARLES OTTO

FREDERICK VINCENT REVEN
 EARL FREDRICK SCHAEFER

In Civil Engineering

DARWIN GENE ABBY
 ROY LEE ALLEN
 MANUEL ANCIZAR DUQUE
 LESTER SIDNEY BAKER
 HAROLD EUGENE BIRKEY
 TERRY WILLIAM BOLLAND
 ROBERT MARSHALL BROWN
 HAROLD GLENN CLARIDA
 EDWARD PAUL COOK
 RONALD DENNIS CROWELL
 ROBERT W. DIETZ
 JERRY MARVIN DUNLAP
 RUSSELL WAYNE FAUST
 JAMES ELLIOTT FEE
 MILTON SUMNER FISTEL
 JOSEPH WILLIAM GANCI
 NICHOLAS JOHN GEIBEL
 CHARLES DENNIS GRIGG, Honors
 JOHN ROBERT HAWTHORNE, JR.
 CHARLES WILLIAM HUNT
 EUGENE VASILI IGNATOV
 RICHARD FRED LANYON

JACK CHARLES MARCELLIS
 JOHN ARTHUR MARTELL
 DORIAN ARVO NIEMI
 DAVID HENRY OVERAKER
 ROBERT FRANCIS PETERS
 HOWARD ESTES REEVES
 LARRY ALAN RENCH
 FRANK JOSEPH RIZZO, Honors
 THEODORE CLYDE SCHNEIDER
 ARNOLD FOLKE SEABERG, Honors
 FREDERICK JAMES SENA
 DENNIS CHESTER STANKE
 EDWARD JOSEPH STROUGAL
 ROBERT WILLIAM SULLIVAN
 ANTHONY SPIRO TADIN
 RAYMOND RICHARD TOMASKO
 SEYMOUR ROBERT VAN DEURSEN
 FRANKLIN RALPH VAN MATRE
 CHARLES ORAL VELZY, Honors
 BRUCE EDWARD WARLOE
 ROBERT MARION WILLIFORD

In Electrical Engineering

ALLEN DALE ADAMS
 BRUCE COLEMAN ANDERSON
 EDWARD WINDSOR BAILEY
 ALVARO BARRERA TORRES
 DONALD KENNETH BATES
 RONALD EUGENE BERLIN
 GERALD NELSON BIESTER
 DAVID EDWARD BLAND
 JOSEPH DANIEL BOENITZ, JR.

RICHARD ROBERT BOSE
 RICHARD LEO BOWERS
 JOHN RICHARD BRANDENBERGER
 FRANCIS GENE BRICKER
 JOHN ANDERSON BRINKER
 LESLIE WALTER BUHRMESTER
 RONALD FREDERICK CAPRATA
 ALFRED CHO
 HENRY SHUI CHING CHOW

EDWARD CRAIG CLEVELAND
 THOMAS FRANCIS CURRAN
 ROBERT MICHAEL CZAJKOWSKI
 MELVYN BERNARD DEMATOFF
 DANIEL LEIST DILTS
 ROBERT JULIUS DONNER
 DONALD ARTHUR DRESCH
 ROBERT CALHOUN ED
 JON WILCOX ERICKSON
 GORDON RICHARD FABIAN
 WALTER CLAYTON FARLEY
 JAMES FISK
 LEROY CHARLES GALL
 DONALD KENNETH GEORGI
 DARRELL LEE GIESEKING
 LEONARDO GOMEZ RUEDA
 JAMES CURTIS GREEP
 CARL LAWRENCE GRUBER, Honors
 KENNETH CHARLES GUTH
 PAUL ERWIN HALL
 DAVID HENRY HARWOOD
 LOWELL DICKEY HEDGES
 JOHN THEODORE HOJNACKI
 ERNEST JOSEPH HOOD
 ROBERT WILLIAM INGRAM
 EDWARD THOMAS JOHNSON
 JOHN FRANKLIN KAMPMEIER, High
 Honors
 MICHAEL JEROME KELLY
 JOHN JOSEPH KENNEDY
 EUGENE KIOLBASA
 DELOS THOMAS KITTOE
 FRANKLIN RALPH KOLLER
 JACOB KOOPMANS
 JOHN ALLAN KORNFELD
 JOHN WARREN KRAVICI
 MELVIN EARL KREJCI
 JAMES ARTHUR LEAVERTON
 KEITH JOHN LENTNER
 ORESTE JOSEPH LUCCHESI
 RICHARD GUSTAV MAEDE

JOHN HOWARD MAENPAA
 WALTER OTTO MARQUARDT
 ORVILLE LEE MCCLELLAND
 JACK DENNIS MELZER
 LARRY MEOLI
 VITO MILIAUSKAS
 GERALD PHILLIP MINARCIC
 VIKTOR MINNESTE, JR.
 JOHN SHERIDAN MURRAY
 THOMAS ALBERT PACER, Honors
 PAUL LEVI PARSONS
 ROBERT FRANK PASTERIS
 DAVID WILLIAM PRINE
 ROGER ALLEN PYATT, High Honors
 JOHN JEROME QUINLIVAN
 GLEN HARRY REDIESS
 VERNER KENNETH RICE, JR.
 ORVILLE ALTON RICH
 PETER LEONARD ROSE
 LOREN LUMLEY SANDERS
 CHARLES SPRINGER SCHECK
 DONALD HOMER SHAVER
 RICHARD DONALD SIGRIST
 DONALD RUDOLPH SORCHYCH
 MARCUS STALOFF
 SARANTIS PETER STAMATIS
 JOHN EDWARD STICKLING
 DARYL JOHN STRAHAN
 KWANG GUN TAN
 RICHARD JOHN TWAROWSKI
 JOHN FREDRICK VANDERMOLEN
 DONALD NORMAN WARD
 PAUL BROOKS WEAVER, JR.
 ROBERT LEE WERTH
 NORMAN LEE WHISLER, High Honors
 ROGER MOFFET WHITSON
 JAMES MASON WILLIAMS
 HOWARD LEROY WIRSING
 JOHN WALTER WOLF
 HOWARD LAURANCE WOLFMAN
 CHARLES WILLIAM WOODWARD

In Engineering Physics

RICHARD WILLIAM BLOMME
 RICHARD JAMES BURTON
 JAMES FRANCIS MCINERNEY
 NORMAN LEWIS PRUVOST

RAYMOND JOSEPH SARWINSKI
 EARL DAVID SHAW
 RICHARD BRUCKNER STATHAM

In General Engineering

WILLIAM JACOB BAUM
 JAMES PATRICK BRUEN, Honors
 KENNETH WILLIAM BURCH
 JACK LEROY DIEDERICH
 WILLIAM DONALD DILLMAN
 THOMAS HARDY GABBARD, Honors

DAVID EDWARD HARTNETT
 OTIS EUGENE HUBBARD
 MELVIN FRANCIS JAGER
 MARVIN LOUIS MRNKA
 MAX EUGENE QUIGLEY

In Industrial Engineering

RICHARD BURNHAM BERBAUM, JR.
 DAVID LEWIS FISCHER
 JAMES LEE GHIGHI
 BERNARD GENE RICHARDS
 THOMAS FRANK SLANINKA

JOSEPH ROGER STRODE, High Honors
 WILLIAM STEPHEN WESTERMAN
 JAMES EDWARD WHEELER
 RAYMOND GUY ZELLER

In Mechanical Engineering

LAWRENCE ALLEN ABBOTT	GEORGE EDMUND MILLER
EGON STEPHAN BABLER	LARRY DEAN MITCHELL
GABRIEL BARBOSA	MOHYIEDDIN ABDUL GHANI MOHAMMAD
JOSÉ ANTONIO BARRAGÁN RUIZ	ABRAHAM A. MURRA BABÚN
KNUD OTTAR BERGE, High Honors	JAMES PRESTON NEAL IV
RICHARD JOHN BERTOLDI	JOHN JOSEPH NELSON
ALFRED HENRY BOOTS	PHILIP ALAN NELSON
JOSEPH ROBERT DEMARAIS	PHILIP RAY NELSON
RICHARD ARTHUR DEPAUW	ROBERT EARL NETH
JAMES BARTA DOYLE	RONALD STANLEY NIETUPSKI
WILLIAM DENNIS DOYLE	GERALD LEROY OELBERG
DAVID ALBERT ERICKSON	DAVID IRVIN PARKER
DOUGLAS ROSS FARR	DON EDWIN PETERSEN
ROBERT THEODORE FISCHER	PETER PHILIP PHILHOWER
RUSSELL EDWARD FUNDERBURG	MICHAEL THEODORE ROTTER
CARLOS ALBERTO GARCIA LEON	RUSSELL RAY RUPPEL
MILTON JAMES GARDINER	ALBERT LEO RUPPERT, JR.
STEPHEN STALEY GROVES II	RICHARD ALBERT SCHAEFFER, High Honors
CARL TRUMAN HALE, JR.	BOBBY RAY SCHELLER
CARL BERNARD HILBLOM	DAVID ALAN THOMAS
ROY GEORGE HLAVACEK	WALTER URIC THOMPSON
KENNETH MAX JAUCH	GUS H. TRESLO
LAWRENCE CLINTON JOINER	KENNETH FOLKE ULLENIUS
RICHARD LOUIS KOSS	JOHN DREW UNISON
GEORGE CARL KUHLMAN, JR., Honors	JOHN EDWARD VAULATO
JOHN CHARLES LEMAK	GEORGE DONALD WISNIOWICZ, Honors
EDWARD ALLEN LIESKE	JOSEPH WILLARD WISWALL
JOHN GERALD MATHEIS	WILLIAM ALLAN WORKMAN
JOHN EDWARD MCGREAL	HOMER FRANKLIN WRIGHT, JR.
DON EDWIN MILLER	

In Metallurgical Engineering

CHARLES ROBERT CASEY	BARRY GEORGE KOEPKE, Honors
THEODORE CHARLES GREYER	GEORGE JOSEPH SCHAUNER
CHARLES ERNEST GODFREY	DAVID FORREST TOWER
MICHAEL HYMAN	

In Mining Engineering

WILLIAM EUGENE CULLUM	JAMES CLARENCE LARSON
GABRIEL FORERO DE FRANCISCO	

In Sanitary Engineering

GEORGE MINORU TERAMOTO

COLLEGE OF LIBERAL ARTS AND SCIENCES**Degree of Bachelor of Arts***In Liberal Arts and Sciences*

BESSIE ADAMIDES	JOHN EARL BONE
ALBERT WILLIAM ALBRECHT	WILLIAM EUGENE BOROS
DONALD ROBERT ALDEEN	KENNETH RAYMOND BOYLE, Honors in Liberal Arts and Sciences with Highest Distinction in Political Science
GENE SCOTT ANDERSON, Honors in Liberal Arts and Sciences	LUCY C. BREGER
LINDRA VALLALY ANDERSON	ULLA CONSTANCE BREMS
GUY PERCY BALMER	JOHN ALDEN BREWSTER, Honors in Liberal Arts and Sciences
LYNETTE FAY BARRY	ROBERT LAYNE BURNETT
DAVID ALLEN BENDER	JAMES OTTO BYRNE
ESTHER LEWITZKY BLAU, Honors in Liberal Arts and Sciences	MICHAEL HERMAN BYRON
THOMAS MICHAEL BLOOM, Honors in Liberal Arts and Sciences	

- STEPHEN LEWIS CARMEAN, Honors in
Liberal Arts and Sciences
BARNEY DAVID CLAMAGE
ROBERT EARL COLEN
CLARENCE JAMES CROOKS, JR.
LINDLEY JANE CROUCH, Honors in
Liberal Arts and Sciences
KENNETH ROBERT DAVIS
SANDERS ROBERT DOLCE, Honors in
Liberal Arts and Sciences
JACK DAVID DONAHUE, Honors in
Liberal Arts and Sciences
EDWARD JOSEPH DUFFY
MARY ANN EUBANKS
ADOLPH BELDEN FIELDS, Honors in
Liberal Arts and Sciences with
High Distinction in Political
Science
SUSAN ELIZABETH FITCH
THOMAS GENE FREEMAN, JR.
EMILIE JENNIE GILLESPIE, Honors in
Liberal Arts and Sciences
ROBERT LEO GORMAN
PHYLLIS JEAN HANSEN, Honors in
Liberal Arts and Sciences
MARSHALL IRVING HARRIS
RICHARD EMIL HERBSTER
GAIL ELIZABETH HOY, Honors in
Liberal Arts and Sciences
KEVIN JOSEPH HURLEY, Distinction in
History
ANN HARRIS IHRIG
DONALD MELVIN KABAKER
MARY ANN KELLING, Honors in
Liberal Arts and Sciences
BERLIN KELLY
ROGER KLOSE, Honors in Liberal Arts
and Sciences
LINDA ANN KNOX
ROBERT JOHN KRAJCIR
EUGENE PAUL KRAVITZ
GEORGE EDWARD LADELFA
GLORIA ANN LANER
- LARRY LEE LESSEN
CHAO-HUA LIU
ANN FLORENCE LIVINGSTON
BERNARD EUGENE MAREK
DONALD VINCENT MAREK
THERESA MATUSEVICIUS
WILLIAM HULL MAY
SANDRA CAROLE McCASLIN
ALAN FLEMING McLAUGHLIN
DONALD ROBERT McVAY
MARGUERITE CECILE MIZELLE, Honors
in Liberal Arts and Sciences
MARILYN RACHEL MURRAY
BARRY BENJAMIN NEKRITZ
KENNETH BURTON PEISER
CLOTILDE YVONNE PHELPS
BARBARA JANE POLLACK
FELIX ARMANDO QUIROS
SHIRLEE JUDITH RICH
ROBERT IRVING ROCKWELL
MARILYN EVELYN ROSS
EDITH LYNN RUBELL
DAVID NORMAN SATTEM
DAVID ARTHUR SCHAEFER
CAROL JANE SCHMALZ, Honors in
Liberal Arts and Sciences
LAWRENCE BENJAMIN SCHRIK, Honors
in Liberal Arts and Sciences with
Distinction in Spanish
ELIZABETH HAMILTON SHAFFER, Hon-
ors in Liberal Arts and Sciences
DONALD EDWARD SHAUGER
ALLEN IRA SORKIN
HARVEY JOSEPH STEELE
DAVID RAYMOND SULLIVAN
CHARLES SCOTT THOMAS
MARGO HELTON TUIE, Honors in Lib-
eral Arts and Sciences with High
Distinction in Psychology
GEORGE LAWRENCE TUTT
BRUCE FULLERTON WILLIAMS
ERIC DONALD WUTH

In the Teaching of English

- SUSAN MOSHIER BAUER, Honors in
Liberal Arts and Sciences
BARBARA FRANCES BUSCH
CLARA JEAN LUEKER CARMEAN, Honors
in Liberal Arts and Sciences
BARBARA JEAN KATZ
JOAN ANDERSON McCLURE, Honors in
Liberal Arts and Sciences
- KAY SANDRA McLEY, Honors in
Liberal Arts and Sciences
DONALD LEE NAGEL
KATHERINE JANE PARKER
KAYETTA SINKS, Honors in Liberal
Arts and Sciences

In the Teaching of French

- LOUISE SIMON BROWN
ADELBERT FOREST CARPENTER
- PATRICIA MARABETH CARROLL

In the Teaching of German

- KIRSTEN IRENE BRONDSTED LOMASK

In the Teaching of Social Studies

DAVID LAWRENCE BACHELOR, Honors in Liberal Arts and Sciences with Distinction in the Curriculum	JACK HOWARD CUTLER, Honors in Liberal Arts and Sciences
MARTHA VIRGINIA COOMBE, Honors in Liberal Arts and Sciences with Distinction in the Curriculum	BARBARA JEAN HUMMER
	GEORGIA FRANCES JACKSON
	RUSSELL EDWARD OLSON
	MARILYN ANN WILLIAMS

In the Teaching of Spanish

ROSE MARIE CZEKALA, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

In the Teaching of Speech

DOROTHY CHAMBERS PHILLIPS

Degree of Bachelor of Science*In Chemical Engineering*

NORMAN BRUCE ANGELO	EUGEN FRANZ POLKA
DAVID ROBERT FERGUSON	GEORGE HERBERT ROEMER, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
RONALD GENE FICKEL, Honors in Liberal Arts and Sciences with Distinction in the Curriculum	EUGENE DALE SINGER
FRANK TETSUO KAMBARA	FREDERICK JOSEPH SZYMANSKI
ISTOK MARCO LEBAN, Honors in Liberal Arts and Sciences with Distinction in the Curriculum	HEINO TAMM
ELIO PAUL NANNI, Honors in Liberal Arts and Sciences	RONALD VAN MYNEN

In Chemistry

BERNARD SAMUEL GREEN	HARRY DADY SIMMONS, Jr., Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
CHUNG HO PARK, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum	
MALCOLM BENNY POLK	

In Home Economics

NINA ARMEN NOUBAR

In Liberal Arts and Sciences

ALDONA STASE AVIZIENIS	MARK THEODORE FULMER
CARL WILLIAM BAUMANN	ROBERT ERNEST GIESEL
SYLVIA DEAN BELLOW, Honors in Liberal Arts and Sciences	NEIL GEORGE GRANT
MARI KLEMOLA BROWN, Honors in Liberal Arts and Sciences	MERRILL HERBERT GREENBERGER, Honors in Liberal Arts and Sciences
RICHARD MICHAEL BRUGGER, Honors in Liberal Arts and Sciences	RODNEY LEE HAMBURG
CHRISTINE ELIZABETH BUZDYGAN	RONALD LAWRENCE HEIDKE
GARY WAYNE CAMENISCH	CHARLES WILLIAM HELMIG
GLEN PHILLIP CARTWRIGHT	CAROL LOU JOHNSON
CANDACE RUTH CLIFFORD	HIROSHI KANNO
BRUCE BENNER CRILEY, Honors in Liberal Arts and Sciences with Distinction in Zoology	JOSEPH ANDREW JAMES KOGUT
RAMON SAMUEL DE MARK	VITALIJA KRIAUCIUNAITA
ELDON WENDELL DURR	RICHARD ARLYNN LACQUEMENT
ADRIENNE ENGELHARDT	BARBARA ANN LAZAR
STUART GERALD FERST	JOHN TUGAW LECIER
WILLIAM ROBERT FISHBURN	GARY JOE LOGAN
ELEANOR ANDERSON FLINN	CAROL WROBLEWSKI LUKER
	THOMAS BENJAMIN MALTAS
	CHARLOTTE ELIZABETH MAY

EILEEN JANET McWILLIAMS, Honors
in Liberal Arts and Sciences
WILLIAM DALE MESSERSMITH
WILLIAM FRANCIS MIDDLETON
PHILIP LAN-SHEU MOY
MELVIN GEORGE PROVENCHER, Honors
in Liberal Arts and Sciences
WILLIAM FRANKLIN RIPLEY
ROCHELLE MYRA ROSENBERG
WALTER RICHARD RUF
GEORGE EDWARD RUSSELL

LEON PAUL SHALLA
SHERWIN SPIRA
STANLEY TINSLEY
BARBARA ARLENE TOBOR
ROBERT BRUCE TOWNSEND
DORIS SIDNEY ULLMAN
JAMES EDWARD VERMETTE
ROBERT ARTHUR WALLHAUS
FRED HODGES WARRICK
DAVID ARTHUR WEBSTER
BETTY ANN WILK

In Physics

FRANCIS DONALD BUCKLEY

In Speech Correction

SONYA OLSON BUDKA

In the Teaching of the Biological Sciences and General Science

MARION ESSIE EGGERS
DIANA RUTH FRANCIS
JURA BERNICE GELAZIUS
RALPH EDWARD GOOD

MARCUS LLOYD GRICE, JR.
JENNA LAMBERT STICKLER, Honors in
Liberal Arts and Sciences with
Distinction in the Curriculum

In the Teaching of Chemistry

JUDITH SUSAN WRIGHT

In the Teaching of Physics

ALFRED EUGENE RICCOMI

COLLEGE OF LAW**Degree of Bachelor of Laws**

DONALD GENE COHAN, A.B., 1957
CHARLES ALLEN COVEY, A.B., Gettys-
burg College, 1955
CARL WILLIAM GABEL, A.B., 1955

JAMES JOSEPH GENDE, B.S., 1950
ALLEN STEPHEN PESMEN, B.S., 1957
CHARLES EDWIN SHEPHERD, B.S., 1955
RICHARD CHARLES STEVENS, A.B., 1954

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

EDWARD CHARLES ANDREWS
VIRGINIA BOWLES KARPAWICH
BARBARA RUTH SIMON MARX
DIANA DIXON ROTHERT
GARY WILLIAM SABEN

RONALD WOODROW SADEWATER, High
Honors
WENDELL EMERSON ST. JOHN
LINETTE GLEASON SCHUC
MARGO SULLIVAN

In Elementary Education

SONJA MARIE ALEXANDER
ALMA TOSHIE AOYAGI
DARLENE JANET BAKER, High Honors
MARGARET LAWRENCE BUCHANAN
PATRICIA ANN CONNOR
WANDA WYLLIE DIESNER
KAY WHITLOW DOUGLASS
ANNE EASTBURN
BEVERLY JOYCE FINKELMAN
JUDITH ILENE GELMAN, Honors
SALLY GELSTEIN
SANDRA ANN GOLDBERG
CAROL ANNE HAY, High Honors

CORALEE DENNIS HOLT
SYLVIA HILL HUFFMAN
NANCY LOUISE HUSTON
CARLOTTA PAULA KAISER
HARRIET ELAINE LANG
MURIEL ROSIN LIPSON
JEANETTE LEE LOHBAUER
CHARLENE ELIZABETH LUEBKE
SHEILA ANN McMILLAN
LEE MILLER
ROZANNE MILLMAN
PATRICIA ANN NELSON
JUDITH LOUISE OHLSON

DONNA LUCILLE SEARING
 JEAN MARIE SQUIER
 LAURIS GOFF STANTON
 CAROLE WIEHE STIVEN, Honors

KARIN JANE WILLIAMS
 NANCY LEE WILSON, Highest Honors
 VIRGINIA ROSE ZOLLA

In Industrial Education

CARL PAUL AUDO
 LORY THOMAS BONNER
 THOMAS THEODORE BROWNFIELD
 ROBERT IRWIN GOODWIN
 JOHN CLIFTON HARRINGTON

DON GORDON LARSON
 ALAN BERNARD LATZ
 CLIFFORD ABBOTT LEVITAN
 ROY MALLINSON
 WILHELM CARL MAYER

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

CHARLES MORRIS BLEY, Honors
 BRUCE BARTON BOWERS
 RONALD LEE BRETZLAFF
 RONALD DALE BROWN, Honors
 LOUIS JOHN FABBRI, JR.
 SHAN RICHARD HISE
 PAUL HERMAN HOFFMEISTER
 STEWART WAYNE HOLLOCKER
 DENNIS THADDEUS KAAS
 NEIL IRWIN KAPLAN
 DAVID JULES KAYNER
 RAYMOND BEN KUEY LEE
 GERALD ALAN LEEB
 DAVID EARL LIPSON
 STEVE LARRY MARCUS

MICHAEL STAMOS MARIS
 GUS MIHALOPULOS, JR.
 CECIL WAYNE NEAL
 ISAAC OBERMAN
 ROBERT LEWIS PACKARD
 HARVEY STANFORD PINE
 ROBERT EARL RAINSBERGER
 RICHARD EUGENE RAPP
 ROBERT LEE SAGADINE
 ALBERT EDWARD SMITH
 LYLE DAVID SMITH, Honors
 GERALD FRANCIS TIETZ
 ROBERT LEWIS WALLIS
 ORVILLE AUSTIN WISEMAN, JR.
 JANET DOROTHY ZACHARIAS

In Commerce and Law

JAMES FOWLER BANTON

ROBERT MILES PHILBROOK, JR.

In Commercial Teaching

SALVATORE ANTHONY DISPENSA
 NADINE JANES KISER

BETTY BRADSHAW WADE

In Economics

WALTER FORD
 RAY WALLACE KOHEN

PALMER DEWAIN LEE
 RAY EDGAR LOGAN

In Finance

ROBERT FRANCIS GANGALA
 CHARLES VERNON HENDRICKSON
 LAWRENCE FARMER HORNBECK
 WILLIAM CHARLES IEUTER

LESTER ARTHUR JENSEN, High Honors
 ROBERT WILLIAM OLSON
 JAMES EDWARD SHOTLIFF
 THEODORE TRAVIS

In Industrial Administration

GEORGE ALAN CAMERON
 WILLIAM LAWRENCE FEDOR
 JOSEPH WARREN GLASS
 EDWARD ROBERT KUCH
 RONALD PAUL LISICK

THOMAS BRUCE MACNEISH
 CHARLES LEONARD PHILBLAD
 ROBERT FRANK PRIEVE
 RONALD BRUCE SHIPKA

In Management

JOHN JOSEPH ARENDS, JR.
 WINFRIED KWAMI BIDDIER

VITA ANTANINA CERSKUS
 JOHN CLIFFORD HALL

DAVID ELLIS HART
 THOMAS MICHAEL HEFFERN
 DOUGLAS RAY INGRAHAM
 RANSE WALTER KESL
 CHARLES JOSEPH MALICKI
 CARL PATRICK MARRONE, JR.
 ROBERT JOSEPH MECH

NEIL LAWRENCE MURPHY
 VIRGIL LESTER REED, JR.
 WAYNE LEE SCHULTZ
 ALAN ARTHUR SWANSON
 WILLIAM EDWARD URE
 CHARLES EDWIN VOHS
 JAMES DALE YOUNG

In Marketing

DAVID LEE BIBA
 ROGER MARSHALL BIELEFELD
 MAURICE THURSTON BOBBITT II
 CHARLES PATRICK BROWN
 ROBERT STANLEY CARLSON
 FRANK LEE CLINTON
 HARVEY EDWIN COHEN
 RICHARD WALTER DUBBERKE
 PHILLIP HENRY FIELD
 RONALD BURTON FIELD
 MARVIN FRUCHTER
 ROBERT LOUIS HECKLER
 MARVIN LESTER HERMAN
 NORMAN RAY HULL
 KASIMIR KURT KAZMIERSKI
 WAYNE FLOYD KELLER
 HOWARD LEE KRAVETZ
 JOHN ROBERT KURINSKY
 JOHN PATRICK MCCLORY

GILBERT JACK MILGROM
 WILLIAM DONOVAN NAYLOR
 AINA OSIS
 PATRICK JOSEPH PALM
 JAMES FRANKLIN PALMER
 TERRY GRIFFITH PARKER
 PHILLIP BROOKE PETERSON
 JEROME PURZE
 NORMAN SHIRRELL SATTERFIELD
 RICHARD BUTLER SCHIFFMAN
 JOEL ALAN SEGALL
 WILLIAM PAUL SMITHING
 JOSEPH ANTHONY SPADARO
 LOUIS FRANK SPIZZIRRI
 RONALD CHARLES WACKER
 ROBERT JOSEPH WILCOX
 WARREN WRIGHT
 NATALIANO MARKIDO ZIRINO

In Secretarial Training

MARION ELIZABETH KLAJNIK

In Urban Land Economics

ROBERT ADRIAN SNOW
 BENJAMIN BRUCE STEINBERG

KENTON CHARLES WILLIAMS

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Communications

JERRY JAY BELSON
 MARVIN JAY BOEHM
 STEPHEN RALPH BROWN
 GEORGE PETER CALAMARAS
 RICHARD EARL CARLSON, Honors
 NORMAN KENDRICK CARRIER
 LINDA MILLER CRAIG
 NANCY ELIZABETH CUBBAGE
 HAROLD ARTHUR EDMONSON
 MARY ALICE EHRLICHER
 JOHN ALLEN FINLEY
 GERALD ROBERT GLAUB
 SHELDON ZISSE HOFFENBERG
 JAMES ROBERT HUTCHINS
 KENT WILLIAM KELLING
 PETER LANDIS KENDALL, High Honors

DAVID LEE LANGE
 RAYMOND LEE LEVIN
 HANS OTTO ALBERT LUSTIG
 JEROME MICHAEL MODJESKI
 MANFRED PAGEL, Honors
 DUANE RICHARD PLACKO
 MARILYN LAWRENCE PLEASANT
 JOHN ADDISON RAVENCROFT
 BARBARA ANN ROPERS
 WILLIAM MICHAEL ROTZ
 KEITH FRANCIS RYAN, Honors
 MARVIN BRADLEY SCOTT, High Honors
 BERYL GERALDINE SMITH
 MICHAEL COSGROVE WELSH
 WILLIAM DOUGLAS WHEELER

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

SHERWIN JACK BRAUN
 DAVID LEE BROST

DANIEL HENRY FENDER
 MARCEL FREIDES

SEYMOUR REES FROLICHSTEIN
 ROBERT JOEL GLASER
 BENJAMIN FRANKLIN HARNISH III
 VALDMAR HEITUR, Honors
 GLEN HOWARD ISAACS
 ROBERT EUGENE JENKINS
 DAVID JAMES MARSHALL
 WARREN MASAICHI MATSUI
 ROBERT HARRIS OSTROW
 GARY EDWARD PECK
 HAROLD ADDISON PECKHAM
 KEITH LEONARD PETERSON
 JAMES FREDERICK PFISTER
 JAMES ROY SAULE

HAROLD STEVEN SCHATZ
 MICHAEL ERNEST SEYMOUR
 FRANCIS ROBERT SMITH
 LOUIS STANKAITIS
 ROBERT HOWARD STIEVATER
 GARY KEITH STONEBRAKER
 DONOVAN SWARTZ
 ANTONI WALENTY SZYSZKOWSKI
 RICHARD ALLEN TATER
 PETER MICHAEL TSOLINAS
 THOMAS FRANCIS TULLY
 LEONARD JOHN URBAN
 KESTUTIS ANTON VAICIUS
 WILLIAM EUGENE VAN WIENEN

Degree of Bachelor of Fine Arts

In Advertising Design

WILLIAM JOSEPH BONANSINGA
 JAMES ALBERT BUDDENBAUM
 BARBARA ANN BURDON, Honors
 JOHN ERASEMUS BUSSJAGER
 GLENN ALAN CUERDEN

DORA LEE
 AURELIA MARY MCCORMICK
 BRUCE SHERWOOD SCHULTZ
 PEGGY OVERSTREET SUTCLIFFE

In Art Education

SARA RICHARDS FRANK
 CHARLOTTE KAUFMAN, Honors
 WILLIAM EARL KORBUS
 MARILYN JOAN MILETICH

CLAUDIA LIPPERT MUELLER
 JANE COWLING POTTER, Honors
 HARRIET SPURLOCK SCHMIDT
 JAMES FREDERICK WOELL, Honors

In Industrial Design

SARA LILY BALBACH
 JOHN FOSTER CALL
 STEPHEN GABRIEL PALUCH
 JORDAN IRA ROTHEISER
 GEORGE WILLIAM SAUER

GEORGE JACOB UTZ
 PETER FRED VAN DYKE
 LARRY LYNN WELLMAN
 CHARLES MARTIN WIRTH

In Landscape Architecture

RAYMOND FREDERICK CAIN

BERNARD JOHN NIEMANN, JR.

In Painting

SUSAN DORRIS LEE

In the History of Art

SHIRLEY LOUISE COURTOIS, High
 Honors
 WELBORN DUNCAN EATON

JAMES DAVID KORNWOLF
 HERMAN GUSTAV PUNDT, Honors

Degree of Bachelor of Music

SIDNEY MURRAY, Highest Honors

GEORGE PAUL SANDERS, Honors

Degree of Bachelor of Science

In City Planning

CHARLES LARRY TOMPKINS

In Music Education

WAYNE HAROLD BRADTKE, Honors
 LOIS IRENE DONIGER, Highest Honors
 GLEN LOREN FERGUSON, High Honors
 MELVIN RONNY FINK
 JOANNE STORER FLYNN, Honors
 JULIA BARBARA CASH FROCK

GWENDOLYN JEAN HAYES
 JOHN LEMUEL SANDERS
 KAREN KATHALEEN SMITH, Honors
 EUGENE FELIX TOLON
 DAVID EARL ULFENG, Honors

COLLEGE OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

DAVID IRWIN ASH
 MARY ANN BAKER
 GLENN WAYNE BELSLEY
 JOSEPH CHESTER CWIK
 EDGAR RUSSELL DANIELSEN
 JAMES WALTER FRILLMAN
 DONALD CHARLES GILKISON
 STEPHEN DENNIS GRANT
 ABRAHAM ISRAEL GROSSFELD

PAUL J. HARDY
 ROBERT FRANCIS KLAUS
 RONALD THEODORE KLEIN
 ROBERT EUGENE LANZOTTI
 RICHARD SHELDON LINKEMER
 ALFRED JOSEPH OSTROWSKI
 GEORGE JOHN SEDLACEK
 DAVID LARRY STEWART
 JOHN FRANCIS WOODS

In Recreation

SARA DUNCOMBE CAMERON
 ASTRIDA VIJA DRULLIS

EILEEN GOLDMAN
 MARIETT DAVENPORT McCALL

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

WILLIAM EDWARD BAILEY, HONORS
 KENNETH REGINALD BIBA
 GEORGE WILLIAM DYSON
 ERWIN JULIAN FRANCO
 RALPH McLEAN GERRARD
 SYDNEY DION GRONERT
 KENNETH EUGENE HEINICKE
 CLARK E. HOBBY
 GARRY VERN KENWORTHY
 WILLIAM STUART MERCER

ALBERT DAVID PERNICHELE
 JOHN TORRENCE RINALDO
 DONALD GORDON ROLLER
 GERALD STEINBERG
 CHARLES RUEL THOMAS
 JERRY ERNEST THOMPSON
 RICHARD PAUL VENZKE
 KENNETH THOMAS WAIGHT, JR.
 DAVID DALBY WILLARD

SECRETARY'S REPORTS

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

- ABSHIRE, CLAUDE J., Research Associate in Chemistry, January 21-August 31, 1960, \$6000 a year (1-29-60).
 ADAMS, MARY J. N., Instructor in Microbiology, February 1-June 15, 1960, \$666.66 a month (1-26-60).
 ALAUPOVIC, PETAR, Research Associate in Animal Science (S), nine months from December 1, 1959, \$6000 a year, supersedes (1-29-60).
 ARAKI, HUZUHIRO, Research Associate in Physics (C), five months from February 1, 1960, \$600 a month (1-12-60).
 BARRON, SAMUEL H., Clinical Assistant Professor of Pediatrics (Medicine), eight months from January 1, 1960, without salary, supersedes salaried appointment (1-21-60).
 BITZER, DONALD L., Research Assistant Professor in the Coordinated Science Laboratory (C), seven months from February 1, 1960, \$11,000 a year, supersedes (2-2-60).
 BRANIT, JOSEPH T., Clinical Assistant in Medicine (Medicine), eight months from January 1, 1960, without salary (2-2-60).
 BRODY, VIOLA A., Research Associate in Psychiatry (Medicine), eight months from January 1, 1960, without salary, supersedes salaried appointment (1-21-60).
 BROWN, OLIVER R., JR., Assistant in Education (University High School), February 1-June 15, 1960, \$444.44 a month, supersedes (1-15-60).

- BURCHELL, ROBERT C., Assistant Professor of Obstetrics and Gynecology (Medicine), two months from July 1, 1960, \$908.33 a month (1-26-60).
- CHANNAPRAGADA, RAO S., Research Associate in Mining and Metallurgical Engineering (C), seven months from February 1, 1960, \$7200 a year (1-12-60).
- COHEN, KENNETH, Clinical Assistant in Medicine (Medicine), eight months from January 1, 1960, without salary (2-10-60).
- CURTIS, HERBERT J., Assistant Professor of Mathematics and Acting Head of the Division (Chicago Undergraduate Division), one year from March 1, 1960, \$650 a month, and Assistant Professor of Mathematics for six months from March 1, 1961, \$600 a month, to render service during each academic year, supersedes (1-26-60).
- DEGRYSE, MRS. RUBY V., Instructor in Speech (Chicago Undergraduate Division), $\frac{1}{2}$ time, five months from February 1, 1960, \$2080 (1-12-60).
- EASLEY, JOHN A., JR., Visiting Lecturer in Education (University High School Mathematics Project), February 1-June 15, 1960, \$3800 (1-29-60).
- ECKHARDT, SUE A., Research Assistant in Botany, three months from January 1, 1960, \$383.33 a month (1-15-60).
- EPLEY, DONALD L., Instructor in Electrical Engineering (C), $\frac{3}{4}$ time, six months from March 1, 1960, to render service during the second semester of the academic year, \$4125 a year, supersedes (2-8-60).
- ESPENSCHIED, ROLAND F., Instructor in Vocational Agriculture, $\frac{1}{2}$ time, and in Agricultural Engineering, $\frac{1}{2}$ time, (C), seven months from February 1, 1960, \$8300 a year, supersedes (1-26-60).
- FEUCHTWANG, T. E., Research Associate in the Coordinated Science Laboratory (C), eight months from January 1, 1960, \$7000 a year (1-26-60).
- FOULKS, FREDERICKA L., Instructor in Occupational Therapy (Medicine), seven months from February 1, 1960, \$6100 a year (1-26-60).
- FRITZ, THOMAS E., Instructor in Veterinary Pathology and Hygiene (Veterinary Medicine), seven months from February 1, 1960, \$6000 a year, supersedes (1-22-60).
- GHOSH, ASOKE KUMAR, Assistant in Agronomy (S), February 1-May 15, 1960, \$416.67 a month, supersedes (2-2-60).
- GOODMAN, ALAN B., Research Assistant in the Institution for Tuberculosis Research, eight months from January 1, 1960, \$4400 a year, supersedes (2-10-60).
- GRILLO, MARIA A., Research Associate in Animal Science (S), eight months from January 1, 1960, \$6000 a year, supersedes (1-21-60).
- GRUBBS, EDWARD J., Research Assistant in Chemistry, one year from January 11, 1960, \$5200 (1-21-60).
- HAMILTON, TOM S., Adviser to Vice-Chancellor in India at the U. P., Agricultural University, Phoolbagh, U. P., under Contract ICAC-1258 with the International Cooperation Administration, beginning January 21, 1960 (five working days prior to arrival in India) and continuing until five working days after departure from India, but not later than June 30, 1960, \$1666.67 a month; in addition, allowances in accordance with Standardized United States Government Civilian Allowance Regulations (Foreign Areas) will be paid; supersedes (1-26-60).
- HERBST, RICHARD J., Assistant in Ceramic Engineering (C), $\frac{1}{4}$ time, February 1-June 15, 1960, \$137.50 a month; and Research Assistant in Ceramic Engineering (S), $\frac{3}{4}$ time, February 1-August 31, 1960, \$412.50 a month, supersedes (2-8-60).
- HESELBERTH, CASSIUS A., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, March 1-August 31, 1960, to render service during the second semester of the academic year, \$187.50 a month, supersedes (2-10-60).
- HUSSEY, FRANK L., Clinical Instructor in Radiology (Medicine), one year from September 1, 1959, without salary (1-21-60).
- JACKSON, JEANNE M., Instructor in Home Economics (C), February 1-July 31, 1960, to render service during the second semester of the academic year, \$416.67 a month (2-2-60).
- JANN, KLAUS, Research Associate in Chemistry, January 16-August 31, 1960, \$6600 a year (1-21-60).
- JOHANNSEN, ROBERT W., Associate Professor of History, indefinite tenure beginning March 1, 1960, to render service during each academic year, \$8000 a year, supersedes (1-22-60).

- KAHN, HERBERT, Research Associate in Clinical Science (Medicine), nine months from December 1, 1959, without salary, supersedes salaried appointment (2-4-60).
- KLAIN, GEORGE, Assistant in Animal Science (S), six months from January 1, 1960, \$2200 (1-22-60).
- KOYAMA, IKUKO, Research Assistant in Psychiatry (Medicine), six months from March 1, 1960, \$5000 a year (2-8-60).
- KRUMWIEDE, JOHN F., Assistant in Ceramic Engineering (C), February 1-June 15, 1960, \$422.22 a month (1-21-60).
- LAMB, JOHN H., JR., Instructor in Civil Engineering (C and S), $\frac{1}{4}$ time, March 1-August 31, 1960, to render service during the second semester of the academic year, \$116.67 a month, supersedes; this is in addition to his Engineering Faculty Development Teaching Fellowship in Civil Engineering (2-2-60).
- LANGE, CHARLES, Research Associate in Biological Chemistry (Medicine), eight months from January 1, 1960, \$6500 a year, supersedes (1-12-60).
- LAU, WILLIAM F., Registered Pharmacist in Hospital Pharmacy (Research and Educational Hospitals) (Pharmacy), January 6-August 31, 1960, \$6000 a year (1-21-60).
- LIGHT, MAX I., Manager of Public Information Offices (Chicago Professional Colleges), seven months from February 1, 1960, \$9500 a year (1-22-60).
- LOUIS, JOHN, Research Associate in Medicine (Medicine), 9/10 time, eight months from January 1, 1960, \$7500 a year, supersedes (1-26-60).
- MAR, THERESE MING-CHUNG, Research Assistant in Microbiology, February 1-June 15, 1960, \$400 a month, supersedes (2-3-60).
- MARSI, JULIO, Clinical Instructor in Medicine (Medicine), December 30, 1959-August 31, 1960, without salary (1-21-60).
- MART, MRS. DOROTHY, Assistant in Physical Education for Women (Chicago Undergraduate Division), February 1-June 15, 1960, \$555.55 a month (1-12-60).
- MARTIN, CLIFFORD K., Assistant in Agronomy (S), seven months from February 1, 1960, \$4800 a year (2-8-60).
- MATTHEWS, JOHN W., Associate Professor of Agricultural Engineering in India at Balwant Rajput College, Agra, U. P. under Contract ICA-W-48 with the International Cooperation Administration, February 1, 1960-August 31, 1961, \$11,000 a year; in addition, allowances in accordance with Standardized United States Government Civilian Allowance Regulations (Foreign Areas) will be paid; supersedes (1-26-60).
- MULVANEY, JAMES E., Research Associate in Chemistry, six months from March 1, 1960, \$6600 a year (1-29-60).
- OUSQUI, MOHAMMAD S., Research Associate in Ophthalmology (Medicine), eight months from January 1, 1960, without salary (1-21-60).
- PERLIA, MILDRED H., Assistant in Nursing, eight months from January 1, 1960, \$5500 a year (1-21-60).
- PFEIFER, DONALD W., Assistant in Theoretical and Applied Mechanics (C), February 1-June 15, 1960, \$444.44 a month, supersedes (1-21-60).
- PORTER, DOUGLAS R., Assistant in City Planning and Landscape Architecture, February 1-June 15, 1960, \$466.66 a month (1-25-60).
- PRICE, THORNTON W., Associate Professor of Mechanical Engineering (C) and Assistant Coordinator for Engineering of the International Cooperation Administration Programs for one year from September 1, 1959, \$11,000; and Associate Professor of Mechanical Engineering (C), indefinite tenure from September 1, 1960, to render service during each academic year, \$9,000; supersedes (1-6-60).
- PUGSLEY, JAMES H., Instructor in Electrical Engineering (C), $\frac{3}{4}$ time, March 1-August 31, 1960, to render service during the second semester of the academic year, \$281.25 a month (2-10-60).
- PUMPER, ROBERT W., Assistant Professor of Microbiology (Medicine), January 1, 1960-August 31, 1961, \$9000 a year, supersedes (1-26-60).
- QUERRESHI, MOHAMMED Y., Research Associate in the Institute for Research on Exceptional Children, seven months from February 1, 1960, \$6400 a year (2-3-60).
- RICE, WILLIAM A., Visiting Associate Professor of Geology, in the Department of Geology $\frac{1}{2}$ time, and in the Division of General Studies $\frac{1}{2}$ time, six months

- from March 1, 1960, to render service during the second semester of the academic year, \$8000 a year, supersedes (1-26-60).
- ROBERT, MRS. BARBARA, Research Associate in Biological Chemistry (Medicine), nine months from December 1, 1959, \$6500 a year (1-26-60).
- SCHWARZ, MARVIN J., Assistant Professor of Psychiatry (Medicine), six months from January 1, 1960, \$13,000 a year, supersedes nonsalaried appointment (1-12-60).
- SHAFFER, PAUL R., Professor of Geology, one month from July 1, 1960, \$1280; this is in addition to his present appointment (2-10-60).
- SHERMAN, CARL W., Lecturer in Mining and Metallurgical Engineering (C), $\frac{1}{2}$ time, to render service during the second semester of the academic year, February 1-June 15, 1960, \$1,000 (1-29-60).
- SMART, CLIFTON M., JR., Assistant in City Planning and Landscape Architecture, February 1-June 15, 1960, \$555.55 a month, supersedes (1-26-60).
- SPURLOCK, JEANNE, Clinical Assistant Professor of Psychiatry (Medicine), eight months from January 1, 1960, without salary, supersedes salaried appointment (2-4-60).
- SRINIVASAN, V. R., Research Associate in Microbiology, seven months from February 1, 1960, \$7000 a year (2-8-60).
- STEYERT, WILLIAM A., JR., Research Associate in Physics (C), January 15-August 31, 1960, \$7000 a year (2-4-60).
- STRIEGLER, KLAUS B., Research Associate in Chemistry, seven months from February 1, 1960, \$5370 a year (1-22-60).
- VANDI, ANTONIO F., Research Associate in Chemistry, March 16-August 31, 1960, \$458.34 a month (1-21-60).
- VORBECK, JOSEPH F., Assistant in the Institute of Aviation, February 1-June 15, 1960, \$475 a month (1-22-60).
- WANG, MAW SHIU, Research Associate in Soils (Agronomy) (S), nine months from December 1, 1959, \$6000 a year, supersedes (1-21-60).
- WEI, LUN-SHIN, Research Associate in Food Technology (S), eight months from January 1, 1960, \$5870 a year, supersedes (2-4-60).
- WEINSTEIN, HERBERT, Clinical Instructor in Psychology, Department of Psychiatry (Medicine), eight months from January 1, 1960, without salary (1-21-60).
- WEINSTEIN, SHIRLEY, Instructor in Medical Social Work (Medicine), $\frac{2}{3}$ time, six months from January 1, 1960, \$4080 a year, supersedes (2-4-60).
- WEISKOFF, HENRY S., Clinical Instructor in Ophthalmology (Medicine), nine months from December 1, 1959, without salary (1-12-60).
- WESTMAN, LARS F., Research Associate in Chemistry, four months from March 1, 1960, \$470 a month (1-29-60).
- WHITFIELD, GEORGE D., Research Associate in Physics (C), eight months from January 1, 1960, \$6500 a year, supersedes (1-21-60).
- WILLMORE, TRACY A., Research Associate Professor of Ceramic Engineering (S), indefinite tenure beginning February 1, 1960, \$9150 a year, supersedes (2-4-60).
- WILSON, BETTY R., Extramural Loans Librarian Assistant, February 15-August 31, 1960, \$5100 a year (1-12-60).
- WILSON, PAUL, Instructor in Theoretical and Applied Mechanics (C), six months from March 1, 1960, to render service during the second semester of the academic year, \$5400 a year, supersedes (1-21-60).
- ZIMMERMAN, PHILIP D., Research Assistant in Ceramic Engineering (S), seven months from February 1, 1960, \$5500 a year, supersedes (2-8-60).

FELLOWS

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

- CARLSON, RICHARD E., Francis J. Plym Fellow in Architecture for 1960.
- SCHNEIDER, HERBERT, Francis J. Plym Fellow in Architectural Engineering for 1960.

GRADUATE FELLOWS

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

- ABELS, SONIA L., Special Fellow in Social Work, February 1-June 15, 1960, \$900 (1-18-60).
- ALTENBERND, A. LYNN, Fellow in English, three months from June 16, 1960, \$900 (1-6-60).

- BELLOWS, SYLVIA D., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation (Education), February 1-June 15, 1960, \$900 (2-5-60).
- BERGER, BENNETT M., Fellow in Sociology, three months from June 16, 1960, \$900 (1-6-60).
- BIRGE, WESLEY, Fellow in Zoology, three months from June 16, 1960, \$900 (1-6-60).
- CHAN, SHU PARK, Fellow in Electrical Engineering, February 1-June 15, 1960, \$750 (2-3-60).
- COLBY, MARY M., Fellow in Geography, three months from June 16, 1960, \$900 (1-6-60).
- CURTIN, WILLIAM, Fellow in English, three months from June 16, 1960, \$900 (1-6-60).
- DANELSKI, DAVID J., Fellow in Political Science, three months from June 16, 1960, \$900 (1-6-60).
- ENGEL, JAMES E., Fellow in German, three months from June 16, 1960, \$900 (1-6-60).
- EVANS, OLIVER, Fellow in English, three months from June 16, 1960, \$900 (1-6-60).
- FELDMAN, ROSS, Seymour Vestmark Fellow in the Chicago Professional Colleges, eight months from November 1, 1959, \$60.00 a month (1-25-60).
- FREIBERG, RICHARD, Samuel Higby Camp Foundation Fellow in the Chicago Professional Colleges, six months from January 1, 1960, \$250 a month (1-12-60).
- GABURO, KENNETH, Fellow in Music, three months from June 16, 1960, \$900 (1-6-60).
- GREEN, CHARLES R., Kendric C. Babcock Teaching Fellow in Political Science, February 1-June 15, 1960, \$550; this is in addition to his one-fourth time teaching assistantship in Political Science, supersedes (1-11-60).
- GREENBERG, MICHAEL J., Fellow in Zoology, three months from June 16, 1960, \$900 (1-6-60).
- HARRIS, HENRY S., Fellow in Philosophy, three months from June 16, 1960, \$900 (1-6-60).
- HOLDEN, MATTHEW, JR., Fellow in the Institute of Government and Public Affairs, three months from June 16, 1960, \$900 (1-6-60).
- HUMPHREYS, DEVERL S., Paul V. Galvin Teaching Fellow in Electrical Engineering, February 1-June 15, 1960, \$1000; this is in addition to his appointment as Instructor in Electrical Engineering on one-half time (2-5-60).
- JACKSON, BILLY, Fellow in Art, three months from June 16, 1960, \$900 (1-6-60).
- KEY, JOE L., Postdoctoral Fellow in Chemistry, seven months from August 1, 1959, \$5500 a year, supersedes (1-29-60).
- KHETTRY, ARUN, Parke-Davis Fellow in Chemistry, four months from February 1, 1960, \$880 (1-28-60).
- LAMB, JOHN H., JR., Engineering Faculty Development Teaching Fellow in Civil Engineering, seven months from February 1, 1960, \$934; this is in addition to his appointment as Instructor in Civil Engineering (1-22-60).
- LANGEBARTEL, RAY F., Fellow in Mathematics, three months from June 16, 1960, \$900 (1-6-60).
- LANGENHEIM, RALPH L., Fellow in Geology, three months from June 16, 1960, \$900 (1-6-60).
- LONDON, PERRY, Fellow in Psychology, three months from June 16, 1960, \$900 (1-6-60).
- MARCELLIS, JACK C., Automotive Safety Foundation Fellow in Highway Engineering, Department of Civil Engineering, February 1-June 15, 1960, \$750 (1-21-60).
- MARQUINEZ, ANA C., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), eight months from January 1, 1960, \$250 a month (1-20-60).
- MARTIN, DEAN F., Fellow in Chemistry, three months from June 16, 1960, \$900 (1-6-60).
- MARTIN, MARVIN B., Fellow in Art, three months from June 16, 1960, \$900 (1-6-60).
- MCCONNELL, ANN L., Special Fellow in Social Work, February 1-June 15, 1960, \$900 (1-18-60).
- ORNSTEIN, ROBERT, Fellow in English, three months from June 16, 1960, \$900 (1-6-60).

- OSTHOFF, F. IRENE, United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation (Education), February 1-June 15, 1960, \$900 (1-8-60).
- PAULSON, RONALD, Fellow in English, three months from June 16, 1960, \$900 (1-6-60).
- PFLANZE, OTTO P., Fellow in History, three months from June 16, 1960, \$900 (1-6-60).
- POST, DOUGLAS M., Fellow in Botany, three months from June 16, 1960, \$900 (1-6-60).
- QUILLIAN, ELAINE, Special Fellow in Social Work, February 1-June 15, 1960, \$900 (1-18-60).
- RHEE, YOUNGHEE, Special Fellow in Social Work, February 1-June 15, 1960, \$900 (1-18-60).
- RICHARDS, CLAIRE, Fellow in Music, three months from June 16, 1960, \$900 (1-6-60).
- RINEHART, KENNETH L., JR., Fellow in Chemistry, three months from June 16, 1960, \$900 (1-6-60).
- SCOTT, LYALL W., Special Fellow in Social Work, February 1-June 15, 1960, \$1000 (1-18-60).
- SINSABAUGH, ARTHUR R., Fellow in Art, three months from June 16, 1960, \$900 (1-6-60).
- STEWART, JAMES, Special Fellow in Social Work, February 1-June 15, 1960, \$900 (1-18-60).
- STEWART, THOMAS B., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from September 1, 1960, \$5400 (2-4-60).
- STORCK, ROGER L., Postdoctoral Fellow in Microbiology, seven months from February 1, 1960, \$625 a month, supersedes (2-3-60).
- SULLIVAN, DENIS G., Fellow in Political Science, three months from June 16, 1960, \$900 (1-6-60).
- TILLMAN, NAOMI, Special Fellow in Social Work, February 1-June 15, 1960, \$900 (1-18-60).
- TROBENICK, JOAN G., Special Fellow in Social Work, February 1-June 15, 1960, \$900 (1-18-60).
- VON NEUMANN, ROBERT, Fellow in Art, three months from June 16, 1960, \$900 (1-6-60).
- WALDBAUER, GILBERT P., Fellow in Entomology, three months from June 16, 1960, \$900 (1-6-60).
- WILCOX, DAVID L., Lead Industries Association Fellow in Ceramic Engineering, February 1-June 15, 1960, \$1000 (1-14-60).

RESIGNATIONS AND DECLINATIONS

- BARTLEY, JACK C., Instructor in Veterinary Research (S) — resignation effective February 6, 1960.
- BERLSTEIN, ALFRED, Bibliographer in the Library, with rank of Instructor — resignation effective February 10, 1960.
- BLAHA, GORDON, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges) — resignation effective January 1, 1960.
- BLANKFIELD, ALAN, Research Associate in the Coordinated Science Laboratory (C) — resignation effective February 1, 1960.
- BROWN, STANLEY R., Instructor in Physical Education for Men — resignation effective March 1, 1960.
- BURCHELL, ROBERT C., Assistant Professor of Obstetrics and Gynecology (Medicine) — declination effective July 1, 1960.
- CUMMISFORD, PATRICIA D., Fellow in Food Technology — resignation effective February 1, 1960.
- DELANEY ROBERT F., Assistant in Physical Education for Men — resignation effective February 1, 1960.
- ELIASSON, ELIAS, Fellow in Law — resignation effective January 1, 1960.
- ERNEST, JOHN A., National Science Foundation Cooperative Fellow in Mathematics — resignation effective February 1, 1960.
- FASS, PETER J., Fellow in Psychology — declination effective September 16, 1959.
- FINNEY, JOSEPH C. J., Lecturer in Psychology, with rank of Assistant Professor — resignation effective March 1, 1960.

- FRANZEN, JAMES, Research Assistant in Biological Chemistry (Medicine) — resignation effective February 1, 1960.
- GASTINEAU, MARIANNE, Fellow in French — declination effective September 16, 1959.
- GLAVIANO, VINCENT V., Assistant Professor of Physiology (Medicine) — resignation effective September 1, 1960.
- HIRSCH, JAY G., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges) — resignation effective January 1, 1960.
- KOUCKY, FRANK L., JR., Assistant Professor of Geology (Division of General Studies and College of Liberal Arts and Sciences) — resignation effective September 1, 1960.
- LINGARD, DONALD R., Instructor in Veterinary Clinical Medicine — resignation effective March 12, 1960.
- MEAGHER, RALPH E., Research Professor of Physics and of Electrical Engineering (C) and Head of the Digital Computer Laboratory (Graduate College) — resignation effective April 1, 1960.
- MERZ, EARL H., Clinical Associate in Ophthalmology (Medicine) — resignation effective February 1, 1960.
- MILLER, MARJORIE E., Instructor in Library Science, University High School Librarian, and Instructor in Library Administration — resignation effective September 1, 1960.
- MITTMAN, CALVIN H., Fellow in Mathematics — declination effective September 16, 1959.
- MURTI, VEMPATI G. K., Instructor in Electrical Engineering (C) — resignation effective March 1, 1960.
- OLAFSSON, JON A., Fellow in Law (Graduate College) — resignation effective January 1, 1960.
- REYNOLDS, HARRY A., JR., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine) — resignation effective February 1, 1960.
- ROBERTSON, DONALD C., Instructor in Art — resignation effective January 16, 1960.
- RUQUIST, RICHARD D., Ford Foundation Fellow (Trainee) in Mechanical Engineering — declination effective September 16, 1960.
- SHANNON, ROBERT D., Research Associate in Ceramic Engineering (S) — resignation effective February 1, 1960.
- SMITH, ROBERT J., Instructor in English (Chicago Undergraduate Division) — resignation effective March 1, 1960.
- SO, HING-CHEONG, Instructor in Electrical Engineering (C) — resignation effective March 1, 1960.
- STANBERRY, ALICE E., United States Public Health Service Fellow (Trainee) in Education — resignation effective February 1, 1960.
- STUDLEY, CHARLES B., Assistant in Physical Education for Men — resignation effective February 1, 1960.
- SUCIC, STEVE, Instructor in Physical Education for Men — resignation effective March 1, 1960.
- VADOPALAS, PATRICIA J., Instructor in Occupational Therapy (Medicine) — resignation effective February 1, 1960.
- VICARI, GIUSEPPE, Research Associate in Chemistry — resignation effective January 1, 1960.
- WEISSMAN, IRA, Research Associate in the Coordinated Science Laboratory (C) — resignation effective March 17, 1960.
- YOUNG, RAYMOND J., Associate Professor of Education, in the Bureau of Educational Research — resignation effective September 1, 1959.

LEAVES OF ABSENCE

- CARMICHAEL, HUGH T., Clinical Professor of Psychiatry (Medicine) — leave of absence, without salary, beginning January 1 and continuing through August 31, 1960.
- JOHNSTONE, H. FRASER, Research Professor of Chemical Engineering (Engineering Experiment Station and College of Liberal Arts and Sciences) — leave of absence, with full pay, March 22 to May 22, 1960, for the purpose of making a trip to Europe in connection with his research work.
- MASSLER, MAURY, Professor of Pedodontics, Head of the Department, and Lecturer in Postgraduate Studies (Dentistry) — leave of absence, without salary,

- for one month from July 1, 1960, following his sabbatical leave of absence which expires June 30, 1960.
- MEAGHER, RALPH E., Research Professor of Physics and of Electrical Engineering (College of Engineering), and Head of the Digital Computer Laboratory (Graduate College) — leave of absence without pay for one year from April 1, 1959, changed to leave of absence without pay, beginning May 22, 1959, and continuing through March 31, 1960.
- MILLER, ROBERT L., Counselor in the Student Counseling Service and Instructor in Chemistry (Chicago Undergraduate Division) — leave of absence, without pay, for one year from September 1, 1960, so that he may make use of a National Science Foundation Faculty Fellowship which has been granted him for a period of fourteen months from July 1, 1960.
- PEARSON, JOHN E., Professor of General Engineering (College of Engineering) — leave of absence, without pay, beginning April 1 and continuing through May 31, 1960, so that he may do meteorological research work in cooperation with the Argonne National Laboratory.
- SILVA, PAUL C., Associate Professor of Botany — leave of absence, without pay, for one year from September 1, 1960, so that he may serve as Visiting Professor at the University of California during that period.
- SINAIKO, H. WALLACE, Research Assistant Professor of Psychology (College of Liberal Arts and Sciences), and Research Assistant Professor in the Co-ordinated Science Laboratory (College of Engineering) — leave of absence, without pay, beginning February 1 and continuing through August 31, 1960.
- STOECKER, WILBERT F., Associate Professor of Mechanical Engineering — leave of absence, without pay, for the academic year beginning September, 1960.

EXECUTIVE SESSION

At this point, an executive session was requested and ordered for the consideration of the following items of business:

REPORT OF COMMITTEE ON GENERAL POLICY ON ACQUISITION OF PROPERTY IN GARFIELD PARK

The Committee on General Policy reported that at a meeting held earlier today it received from its chairman, from Director C. S. Havens of the Physical Plant Department, and from Professor Rubin G. Cohn of the College of Law (who has been serving as Special Counsel on legal matters relating to the acquisition of a site for the Chicago Undergraduate Division), reports on the developments in negotiations with officials of the city of Chicago and the Chicago Park District on site acquisition.

Mr. Johnston stated that after due discussion and consideration of the information submitted, the Committee reached the conclusion that it must now be made perfectly clear to all officials and parties concerned that the Central Area site involved in the several proposals which have been made for consolidation of railroad terminal facilities can not be made available satisfactorily to the University for the relocation of the Chicago Undergraduate Division; and that steps must be taken promptly to resolve the legal questions affecting the conveyance by the Chicago Park District of land in Garfield Park to the University, and the question of cost of such land to the University.

Professor Cohn advised the Committee that when legal proceedings have been instituted to establish the power of the Chicago Park District to convey park property to the University, official action by the Board of Trustees will need to be taken promptly which will require either a special meeting of the Board or authorization of the Executive Committee to act for the Board.

The Board concurred in the conclusions of the Committee on General Policy, and the President of the University was requested to confer with the Mayor of Chicago and other public officials concerned as soon as possible to present the University's position.

On motion of Mr. Swain, the Board authorized its Executive Committee to consider, and in its discretion to accept, for a consideration not in excess of \$1,000, an option, if offered by the Board of Commissioners of the Chicago Park District, to purchase a portion of the area

embraced within Garfield Park for use by the University of Illinois as an institution of higher education, provided that the purchase price specified in the option represents an approximate valuation of the market value of such property as determined by the Executive Committee.

This motion was unanimously adopted.

PURCHASE OF PROPERTY AT 903 WEST NEVADA STREET, URBANA

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property, including all the furnishings in the house, at 903 West Nevada Street, Urbana, at a price of \$43,000.

This property consists of a lot, 66 ft. by 104 ft., and an adjoining parcel, 43.4 ft. by 16 ft. (total land area of 7,558 square feet), and a three-story and basement frame house which is presently used as a rooming house for women students. The lot adjoins University property and is within the area of long-range campus expansion. In the meantime, the house, which has been improved in recent years and is in very good condition, can be used to advantage as a cooperative house for women students. There is a need for expansion of such housing, and this house can accommodate twenty-eight women and a housemother.

The average of four independent appraisals made of the property by local real estate experts is \$34,300. The furnishings in the house and the food service equipment are relatively new and in good condition. They are offered to the University for \$8,700, which is less than half of what new equipment would cost.

No funds are available in the state capital appropriations to the University for 1959-61, but it is recommended that \$43,000 be advanced from funds accumulated in the operation of the temporary housing units to be repaid with interest at a rate of 3½ per cent a year from the net income of all cooperative housing. A rental rate of \$240 a year per occupant will be charged in all cooperative units and will provide sufficient net income to liquidate the investment in twenty years.

The Committee on Buildings and Grounds has previously reviewed these recommendations and is prepared to support the same.

I recommend that the purchase of the property be authorized and that funds be assigned from Housing Division reserves as indicated.

On motion of Mr. Clement, the purchase of this property was authorized, and the requested assignment of funds was approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton.

RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE

(22) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendation relating to an invention by a member of the staff.

Method of preparing and dehydrating foods—A. I. Nelson, Professor of Food Processing, inventor. This is a new way of dehydrating and preparing foods, especially precooked, cream-style sweet corn. It was developed by the Department of Food Technology under a contract with the Quartermaster Corps of the United States Army. The Head of that Department is doubtful that the method constitutes a patentable invention; and both he and the inventor are convinced that the method has no commercial possibilities, although it may have some value in the preparation of military rations. After considering this matter, the Patent Committee recommends the release of all rights of the University in this development to the United States Government.

I concur in this recommendation.

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

On motion of Mr. Pogue, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President