

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

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**September 16, 1959**



The September meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Wednesday, September 16, 1959, beginning at 2:30 p.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Wirt Herrick, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Governor William G. Stratton was absent.

Also present were President David D. Henry, Vice-President and Provost 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, Dr. Donald J. Caseley, Associate Dean of the College of Medicine and Medical Director of the Research and Educational Hospitals, Dr. Orville S. Walters, Director of Health Services, Mr. C. S. Havens, Director of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. Joseph S. Begando, Assistant to the President, Professor Norman A. Parker, Chairman of the Building Program Committee, Mr. Donald E. Dickason, Director of Nonacademic Personnel, 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.

**MINUTES APPROVED**

The Secretary presented the minutes of the meeting of the Board of Trustees on May 16, 1959, press proof copies of which have previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 403 to 431, 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, 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>
RALPH KREAMER BROOKS	Dubuque, Iowa	Iowa
WALTER ORVILLE HARRIS	Chicago	Michigan
ALFRED LEO HUNT	Elmhurst	Minnesota
ARTHUR JAMES LAUGHLIN	University City, Missouri	Missouri
THOMAS EDWARD PURKY	Lake Forest	Indiana
GILBERT RAFF	Nutley, New Jersey	New Jersey
RONALD RANDALL RICE	Holland	Texas

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in May, 1959, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

GEORGE JAMES ACTON (Elk Grove Village)	PHILLIP GREGORY CONLON (Park Forest)
DONALD WALTER ADAMS (Chicago)	LEO ALAN CROTTY (Chicago)
ROBERT WALTER AHLGRIM (Elmhurst)	EDWARD HERRICK CULVER, JR. (Springfield)
JOSEPH DANIEL AMENT (Chicago)	EARL EUGENE CUNION (Hazelcrest)
JAY WESLEY ANDERSON (Berwyn)	NORMAN WILLIAM CUSICK (Champaign)
RICHARD EUGENE ANDERSON (Skokie)	LYLE MARION DAHLENBURG II (Lombard)
JOHN JAMES ARGOUEDELIS (Lockport)	JAMES ROBERT DEPAUW (Chicago)
LAWRENCE JAMES BALDWIN (Chicago)	MARILYN ANNE DERWENT (Chicago)
VICTOR HUGH BARBER (Peoria)	NANCY ANN McMILLAN DESMOND (Urbana)
WILLIAM BERNARD BARRETT (Charleston)	JOHN KARL DICKASON (Champaign)
ALBERT FRANCIS BERGSCHNEIDER (Ashland)	VANCE HOVET DILLINGHAM (Chicago)
PAUL WILSON BISHOP (Park Forest)	CHARLES NORMAN DOLD (Wilmette)
ROBERT LEE BLACK, JR. (Peoria)	THOMAS ANTHONY DOWD (Chicago)
KEITH VON BLACKSTONE (Oak Lawn)	RICHARD ALLYN DUNN (Evanston)
ROBERT GREGORY BLODGETT (Chicago)	JOHN WILLIAM DUNSKI (Zion)
NEIL GARY BLUHM (Chicago)	ROBERT EMMET DUNWORTH (Chicago)
DAVID EUGENE BODELL (Park Forest)	GERALD TAD EISENSTEIN (Chicago)
JOHN RICHARD BUTLER (Chicago)	NORMAN DARCY EMMERICH (Belleville)
ROBERT MICHAEL CALLERO (Niles)	GERALD FEITLER (Chicago)
ROGER WAYNE CALLIHAN (Rockford)	PHILIP EUGENE FESS (Urbana)
VENTON PARRISH CARLSTON (Chicago)	RICHARD PATRICK FINNEGAN (Chicago)
LAVERNE HENRY CASSENS (Rockford)	MICHAEL EDWARD FOX (Chicago)
SHELDON DAVID CHIZEVER (Chicago)	
JAMES EDWARD CLARK (Chicago)	
CHARLES PATRICK CLARKE (Chicago)	

- THOMAS ROLAND FRANKLIN (Elmwood Park)  
 ROBERT JOHN FUCHS (Chicago)  
 JAMES PHILIP GEIMER (Chicago)  
 JOSEPH ALBERT EMILE GERVAIS (Chicago)  
 ABRAHAM GOLDSTEIN (Chicago)  
 CHARLES MICHAEL GOODMAN (Chicago)  
 ROBERT BURTON GORDON (Moline)  
 JOHN FRANCIS GORMAN (Chicago)  
 JERALD DALE GRANDE (Park Forest)  
 MARVIN GREENE (Chicago)  
 JOHN JOSEPH GRIFFIN (Chicago)  
 ROBERT MICHAEL GROTZ (Chicago)  
 RICHARD LOUIS GUIAND (Libertyville)  
 MARSHALL LESTER HAMMERSLEY (Chicago)  
 THEODORE EDGAR HANSON (Evanston)  
 HERBERT MACKLYN HARRIS (Chicago)  
 JOHN PETER HARTMANN (Chicago)  
 DAVID JOSEPH HEARNE, JR. (Riverdale)  
 MILFORD NATHANIEL HEDBERG, JR. (Chicago)  
 WILLIAM CLARK HEDDEN (Chicago)  
 RAYMOND JOHN HEIDERSCHIEDT (Brookfield)  
 HERBERT ALLAN HELLER (Skokie)  
 GEORGE HELLMANN, JR. (Chicago)  
 DOUGLAS PAUL HERR (Evanston)  
 ROBERT LEWIS HINES (Villa Park)  
 WILLIAM HENRY HINTON (Chicago)  
 DONALD ROBERT HOUK (Scott Air Force Base)  
 JAMES AKIO ITO (Chicago)  
 JAMES CONRAD JACOBSEN (Libertyville)  
 HAROLD WILLIAM JASPER (Champaign)  
 VERNON ARTHUR JOHNSON (Chicago)  
 THEODORE EUGENE JORDAN (Normal)  
 RUSSELL HENRY JUHRE (Arlington Heights)  
 MELVYN RICHARD KALAS (Chicago)  
 SOLOMON MESSIAH KAMM (Chicago)  
 ROBERT AMBROSE KENNEDY (Evanston)  
 JOSEPH ALLEN KIBORT (Chicago)  
 HAROLD THOMAS KILLGORE (LaGrange)  
 JOSEPH CHARLES KLACZYNSKI (Chicago)  
 SHERWIN KLASSMAN (Chicago)  
 MERLIN DEAN KNISPEN (Park Forest)  
 EDWARD PAUL KNOLL (Chicago)  
 PAUL KOLE (Chicago)  
 ARTHUR SYDNEY KRAUS (Chicago)  
 MICHAEL JAY KUHN (Chicago)  
 RONALD ELMER KURZ (Elmhurst)  
 ROBERT LEE LAWRENCE (Chicago)  
 BURTON JAY LEADER (Chicago)  
 KENNETH SHERMAN LEVIN (Chicago)  
 JOSEPH RUBIN LOWENSTEIN (Chicago)  
 MICHAEL LEVY LOWENTHAL (Chicago)  
 MANUEL LUBELFELD (Chicago)  
 PHILMORE LURIE (Chicago)  
 GERALD MAURICE MARKS (Chicago)  
 WILLIAM JOSEPH MARTIN (Dolton)  
 SIGRID MARGUERITE MAYNARD (Chicago)  
 NATHAN LeROY McCLURE (Chicago)  
 J. KENT McHOSE (LaGrange)  
 RAYMOND CHARLES MEYSING (Chicago)  
 ESTHER GERTRUDE MIGDAL (Chicago)  
 GIRARD GEORGE MILLER (Chicago)  
 ROBERT SHELDON MOE (Villa Park)  
 DANIEL FRANCIS MULLIGAN (Oak Park)  
 WILLIAM EMIL NAEDEL (Chicago)  
 ROBERT MANLEY NAIMAN (Chicago)  
 MICHAEL ANTHONY KENGO NAKAMURA (Chicago)  
 JOHN CLIFFORD NELSON (Rockford)  
 ROGER PAUL NOORTHOEK (Evanston)  
 JAMES C. OEHRRING (Park Ridge)  
 RAY HARRIS OLESON (Rockford)  
 RONALD LEONARD ORLEAN (Chicago)  
 JOHN CARL ORTBERG (Rockford)  
 ARNOLD JULIUS OUNAPU (North Chicago)  
 WILLIAM HARVEY OWENS (Evanston)  
 ALFRED OTTO PAULUS (Chicago)  
 JAMES LOREN PENCE (Champaign)  
 NELS LEO PIERSON (Chicago)  
 HAROLD GEORGE POINDEXTER (Champaign)  
 FRANKLIN THOMAS POPELKA (Chicago)  
 MORTON SUMNER POSTELNEK (Chicago)  
 HARRY GEORGE POWELL (Westchester)  
 JAMES BYE PRENTICE (Chicago)  
 LESLIE PHILIP PRIZANT (Chicago)  
 TED MORRIS RABUN (Champaign)  
 ARLAN MILES RAUL (Chicago)  
 RICHARD CARL RAUPP (Decatur)  
 STUART WAYNE RICHARDSON (Park Forest)  
 LOUIS EDWARD ROSEN (Chicago)  
 BURTON ROTTMAN (Chicago)  
 EDWARD ANDREW ROZETKA (Cicero)  
 NORMAN RUBENS (Chicago)  
 DONALD JOHN RYAN (Chicago)  
 EUGENE EDWARD RYAN (Oak Park)  
 RICHARD JOSEPH RYAN (Peoria)  
 DENNIS JOSEPH SANTONI (Evergreen Park)  
 STEWART SCHENCKER (Chicago)  
 HAROLD SCHY (Skokie)  
 RICHARD EDWARD SHEA (Glenview)  
 ROBERT STUART SILVER (Chicago)  
 ZIGMOND JOSEPH SLIAZAS (Chicago)  
 DEAN ALLEN SMITH (Oak Park)  
 GEORGE LeROY SORENSON (Rockford)  
 ROBERT FRANK STEDRONSKY (Elk Grove Village)  
 JACK MARVIN STERN (Chicago)  
 LEROY LOUIS STERRENBURG (Chicago)  
 KENNETH GLEN STROM (LaGrange Park)  
 FREDERICK WILLIAM STUCKWISCH (Harvey)  
 WALTER BERNARD SUGAR (Chicago)  
 SANFORD EDWARD TAKIFF (Chicago)  
 WILBERT ARTHUR THIEL (Chicago)  
 DEAN EDWARD THOM (Decatur)  
 JOHN LEONARD THOMAS (Park Forest)

CLARENCE LESLIE TUPPER, JR.  
(Evanston)  
EDWIN WESSEL UTAY (Skokie)  
GENE PAUL UTLEY (Chicago)  
FRANK JAY VAN OVERSTRAETEN  
(Blue Island)  
DONALD JOHN WALLNER (Park Ridge)  
RUSSELL JAMES WARD (Arlington  
Heights)

STANLEY JOSEPH WCISLO (Chicago)  
IRWIN WEINER (Calumet City)  
ROBERT HAROLD WHITE (Chicago)  
HAZARD CLARKE WHITMORE  
(Evanston)  
BERNARD WICZER (Chicago)  
IRVIN EDWIN WILLIAMSON (Evanston)  
ROBERT CLARENCE WOJCIK (Berwyn)  
LINCOLN J. WOODYARD (Charleston)

I concur.

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

#### HEADSHIP OF DEPARTMENT OF SOCIOLOGY

(2) The Dean of the College of Liberal Arts and Sciences recommended the appointment of Dr. Louis Schneider, presently Professor of Sociology at Purdue University, as Professor of Sociology on indefinite tenure and as Head of the Department beginning March 1, 1960, at an annual salary rate of \$15,000 on "A" basis. Dr. Schneider is presently on leave of absence from Purdue, having accepted an appointment as Visiting Professor of Sociology at Dartmouth College for the academic year 1959-60, but Dartmouth is willing to release him from this assignment at the end of its second quarter in March. Professor Schneider was unanimously recommended for this appointment by a special search committee which conducted an exhaustive study of the qualifications of a long list of candidates over a period of several months. Members of the Department of professorial rank were subsequently consulted as required by the University Statutes. The Vice-President and Provost and the Dean of the Graduate College join in the recommendation of this appointment.

The Department of Sociology has voted in favor of a change in departmental organization from the present organization under a chairman to a department organized with a head. The Dean of the College of Liberal Arts and Sciences recommends this change effective as of March 1, 1960, and that Professor J. E. Hulett be reappointed Chairman for the period September 1, 1959, to March 1, 1960. Professor Hulett, who has served as Chairman since 1953, asked to be relieved of the chairmanship at the end of the academic year 1958-59, but he is willing to continue serving as Chairman for the interim period indicated. He will be on sabbatical leave during the second semester.

I have approved the appointment of Professor Schneider and request confirmation of my action. I also concur in the recommendation for the change in departmental organization.

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

#### APPOINTMENTS TO THE FACULTY

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

1. JACK LAWRENCE ALBRIGHT, Assistant Professor of Dairy Husbandry, beginning September 1, 1959, at an annual salary of \$7,350 (BY).
2. JAMES E. AMBROSE, Assistant Professor of Architecture, beginning September 1, 1959, at an annual salary of \$7,000 (B).
3. KURT E. M. BAIER, Visiting Professor of Philosophy, for the second semester of 1959-60, at a salary of \$4,800 (D).
4. GERTRUDE LEANN BORCHERS, Assistant Professor of Home Economics, beginning September 1, 1959, at an annual salary of \$7,350 (DY).
5. HARRINGTON C. BREARLEY, JR., Research Assistant Professor in the Digital Computer Laboratory and in the Department of Electrical Engineering, beginning September 1, 1959, at an annual salary of \$10,400 (BY).
6. KEITH OLIVER CAMPBELL, Visiting Professor of Agricultural Economics, on one-half time, for the first semester of 1959-60, at a salary of \$3,500 (G50).
7. ZANE B. CAROTHERS, Assistant Professor of Botany, beginning September 1, 1959, at an annual salary of \$6,000 (B).
8. GERHARD JOHN CHRISTENSON, Assistant Professor of Agricultural Extension and Assistant State Leader of Farm Advisers in County Farm Extension, beginning September 1, 1959, at an annual salary of \$9,000 (DY).

9. DOMINICK A. COVIELLO, Assistant Professor of Chemistry, in the College of Pharmacy, beginning November 1, 1959, at an annual salary of \$7,000 (D).
10. RICHARD E. DICKERSON, Assistant Professor of Physical Chemistry, beginning September 1, 1959, at an annual salary of \$6,200 (D).
11. AMIEL FEINSTEIN, Assistant Professor of Mathematics, beginning February 1, 1960, at an annual salary of \$7,000 (B); superseding appointment.
12. LAWRENCE A. FISHER, Associate Director of Research in Medical Education, in the College of Medicine, and Associate Professor of Education, in the College of Education, beginning September 24, 1959, at an annual rate of \$12,750 (BY).
13. RAYMOND W. FRANKMANN, JR., Assistant Professor of Psychology, beginning September 1, 1959, at an annual salary of \$6,600 (B).
14. BRIAN HACKETT, Visiting Professor of Landscape Architecture, in the Department of City Planning and Landscape Architecture, beginning March 1, 1960, and continuing to February 28, 1962, at an annual salary of \$11,000 (G).
15. ROGER F. HARRINGTON, Visiting Associate Professor of Electrical Engineering, on one-half time, for the academic year 1959-60, at a salary of \$4,600 (E50).
16. NELSON H. HARRIS, Visiting Professor of Education, for the academic year 1959-60, at a salary of \$9,000 (E).
17. I. IRVING HOLLAND, Associate Professor of Forest Economics, in the Department of Forestry, beginning September 1, 1959, at an annual salary of \$10,000 (BY).
18. HARRY LUSTIG, Visiting Research Assistant Professor of Physics, on one-half time, beginning September 16, 1959, at an annual salary of \$4,500 (E50).
19. JAMES J. JAMBOR, Assistant Professor of Dermatology, beginning September 1, 1959, at an annual salary of \$9,940 (DY).
20. ROBERT D. KATZ, Assistant Professor of City Planning, in the Department of City Planning and Landscape Architecture and in the Bureau of Community Planning, beginning September 1, 1959, at an annual salary of \$7,750 (BY).
21. SCOTT KEYES, Associate Professor of Regional Planning, in the Bureau of Community Planning and in the Department of City Planning and Landscape Architecture, beginning September 1, 1959, at an annual salary of \$10,800 (AY).
22. JAMES CLARENCE LAVERTY, Assistant Professor of Agronomy, beginning September 1, 1959, at an annual salary of \$7,350 (BY).
23. EDGAR LÜSCHER, Research Assistant Professor in the Coordinated Science Laboratory and in the Department of Physics, beginning October 1, 1959, at an annual salary of \$9,000 (DY).
24. JOHN FAIRBANKS LYNNEN, Assistant Professor of English, beginning September 1, 1959, at an annual salary of \$6,300 (B).
25. KENNETH R. MANGAN, Associate Professor in the Institute for Research on Exceptional Children, beginning September 1, 1959, at an annual salary of \$8,500 (D).
26. CLYDE MANWELL, Assistant Professor of Physiology, beginning September 1, 1959, at an annual salary of \$7,200 (B).
27. GERALD S. MARYANOV, Assistant Professor of Political Science, beginning September 1, 1959, at an annual salary of \$6,000 (D).
28. LAWRENCE JOHN McCAFFREY, Assistant Professor of History, beginning September 1, 1959, at an annual salary of \$6,500 (B).
29. ROBERT A. MUNGERSON, Assistant Professor of Medical Social Work, in the College of Medicine, on one-half time, beginning September 1, 1959, at an annual salary of \$3,825 (DY50).
30. ARTHUR GEORGE NIKELLY, Clinical Psychologist and Assistant Professor of Hygiene in the Health Service, beginning September 1, 1959, at an annual salary of \$7,500 (DY).
31. MANFRED J. RAETHER, Research Assistant Professor in the Coordinated Science Laboratory and in the Department of Physics, beginning September 1, 1959, at an annual salary of \$9,000 (DY).
32. LLOYD WARREN RAVLIN, Psychiatrist and Assistant Professor of Hygiene in the Health Service, beginning September 1, 1959, at an annual salary of \$14,000 (DY).
33. WILLIAM ABBOTT RICE, Visiting Associate Professor of Geology, in the Division of General Studies, beginning September 1, 1959, at an annual salary of \$8,000 (D).

34. MIODRAG RISTIC, Professor of Veterinary Pathology and Hygiene, in the College of Veterinary Medicine, beginning October 1, 1959, at an annual salary of \$13,000 (AY).
35. DONALD MERLE ROBERTS, Assistant Professor of Mathematics, beginning September 1, 1959, at an annual salary of \$6,500 (B).
36. CALVIN O. SCHRAG, Visiting Assistant Professor of Philosophy, for the first semester of 1959-60, at a salary of \$4,200 (G).
37. MORRIS SIEGEL, Visiting Professor of Anthropology, for ten months from September 1, 1959, at a salary of \$9,000 (G).
38. ARTHUR REEDER SINSABAUGH, Assistant Professor of Art, beginning September 1, 1959, at an annual salary of \$7,000 (B).
39. WILBUR J. THOM, Acting Auditor in the Business Office, beginning September 1, 1959, at an annual salary of \$10,500 (DY).
40. BRINLEY THOMAS, George A. Miller Professor of Economics, for the second semester of 1959-60, at a salary of \$8,000 (E).
41. JAN B. THOMAS, Visiting Professor of Botany, beginning September 1, 1959, at an annual salary of \$14,000 (DY).
42. ANNE ELIZABETH VAN DYKE, Assistant Professor of Hygiene and Physician to McKinley Hospital and the Health Center, beginning September 1, 1959, at an annual salary of \$12,000 (DY).
43. FREDERICK W. WHITESIDE, JR., Visiting Professor of Law, beginning September 1, 1959, at an annual salary of \$12,900 (D).
44. LOUIS C. ZAHNER, Visiting Professor at University High School, for four and one-half months from February 1, 1960, at a salary of \$5,000 (E).

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

#### **NONSALARIED FACULTY OF THE COLLEGE OF MEDICINE, 1959-60**

(4) I present the following list of appointments to the nonsalaried faculty of the College of Medicine for the academic year beginning September 1, 1959, unless otherwise indicated, and request that the President of the University be authorized to make such additional appointments and other changes, and to accept resignations, as are desirable and necessary.

Appointments of Professors and Associate Professors are on indefinite tenure; all others are for one year from September 1, 1959, unless otherwise stated.

<b>Summary</b>		
<i>Department</i>	<i>1958-59</i>	<i>1959-60</i>
Anatomy.....	5	8
Biological Chemistry.....	5	6
Clinical Science.....	5	6
Dermatology.....	22 (2)*	24 (2)
Medical Social Work.....	1	4
Medicine.....	270 (20)	264 (19)
Microbiology.....	2	3
Neurology and Neurological Surgery.....	12	17
Obstetrics and Gynecology.....	89 (3)	94 (3)
Ophthalmology.....	65 (2)	69 (2)
Orthopaedic Surgery.....	26 (1)	30 (1)
Otolaryngology.....	68 (6)	67 (6)
Pathology.....	33 (1)	35 (1)
Pediatrics.....	62 (5)	62 (4)
Pharmacology.....	4 (1)	2
Physical Medicine and Rehabilitation.....	3	3
Physiology.....	4	4
Preventive Medicine.....	3 (1)	5 (1)
Psychiatry.....	90 (4)	108 (3)
Public Health.....	6	7
Radiology.....	21	22
Surgery (including Urology and Anesthesiology).....	189 (13)	207 (12)
<i>Total</i> .....	<u>985 (59)</u>	<u>1 047 (54)</u>

\* The figures in parentheses indicate the number of emeritus members.

**Anatomy**

GUSTAV ZECHEL, Clinical Associate Professor  
 PHILIP A. CASELLA, Clinical Assistant Professor  
 ARTHUR F. CIPOLLA, Clinical Assistant Professor  
 LAWRENCE G. KHEDROO, Clinical Assistant Professor  
 FRANK A. VICARI, Clinical Assistant Professor  
 H. PAUL CARSTENS, Research Associate  
 ARTHUR T. HAEBICH, Research Associate  
 FAITH W. LAVELLE, Research Associate

**Biological Chemistry**

MAX K. HORWITT, Associate Professor  
 SJOERD B. BONTING, Assistant Professor  
 HOWARD H. SKY-PECK, Assistant Professor  
 GORDON S. STEWART, Clinical Assistant Professor  
 IRVING LYON, Assistant Professor  
 ABRAHAM S. MARKOVITZ, Assistant Professor

**Clinical Science**

KAO HWANG, Assistant Professor  
 CARL A. JOHNSON, Assistant Professor  
 TSUNG-MIN LIN, Assistant Professor  
 E. RHODA GRANT, Research Associate  
 GEORGE E. PARK, Research Associate  
 DANIEL S. STEVENS, Research Associate

**Dermatology**

MICHAEL H. EBERT, Clinical Professor (Rush), *Emeritus*<sup>1</sup>  
 JAMES H. MITCHELL, Clinical Professor (Rush), *Emeritus*  
 LEONARD F. WEBER, Clinical Professor  
 CLARK W. FINNERUD, Clinical Associate Professor (Rush)  
 IRENE NEUHAUSER, Clinical Associate Professor  
 ALBERT H. SLEPYAN, Clinical Associate Professor  
 SIDNEY BARSKY, Clinical Assistant Professor  
 SAMUEL W. BECKER, JR., Clinical Assistant Professor  
 ALFRED B. FALK, Clinical Assistant Professor  
 PAUL R. GRIFFITH, Clinical Assistant Professor  
 JOHN B. HAEBERLIN, JR., Clinical Associate Professor  
 MILTON ROBIN, Clinical Associate Professor  
 LOUIS RUBIN, Clinical Assistant Professor  
 FRANCIS W. HETREED, Clinical Associate  
 STEFAN BIELINSKI, Clinical Instructor  
 ALLEN S. PEARL, JR., Clinical Instructor  
 HAROLD M. SPINKA, Clinical Instructor  
 BERNARD YAFFE, Clinical Instructor  
 OTTO C. STEGMAIER, Research Associate  
 BETSY B. BRENNAN, Assistant (one year from July 1, 1959)<sup>2</sup>  
 JACK M. FOX, Assistant<sup>3</sup>  
 MARTIN L. GECHT, Clinical Assistant  
 ROBERT H. HARDING, Clinical Assistant  
 ROLAND S. MEDANSKY, Assistant (one year from July 1, 1959)<sup>2</sup>

**Medical Social Work**

JOSEPHINE G. TAYLOR, Assistant Professor

<sup>1</sup> The designation (Rush) in a title is used to identify former members of the Rush Medical College faculty who were taken over by the University in 1941 as part of the affiliation with the Presbyterian Hospital by authority of the Board of Trustees.

<sup>2</sup> Also Resident at Research and Educational Hospitals.

<sup>3</sup> Also Resident at Presbyterian-St. Luke's Hospital.

<sup>4</sup> Also Resident at Research and Educational Hospitals assigned to Illinois Institute of Juvenile Research.

CORDELIA D. DERRICOTE, Instructor  
 THEOPHILE F. LAVIZZO, Instructor  
 JEAN Y. SERIKAKU, Instructor

### Medicine

WALTER C. ALVAREZ, Lecturer with rank of Professor, *Emeritus*  
 AARON ARKIN, Clinical Professor (Rush), *Emeritus*  
 MORRIS FISHBEIN, Lecturer with rank of Professor (Rush), *Emeritus*  
 ELLIS B. FREILICH, Clinical Professor, *Emeritus*  
 WILLIAM G. HIBBS, Clinical Professor (Rush), *Emeritus*  
 WILBER E. POST, Clinical Professor (Rush), *Emeritus*  
 SIDNEY STRAUSS, Clinical Professor, *Emeritus*  
 WILLIAM A. THOMAS, Clinical Professor (Rush), *Emeritus*  
 ALBERT VANDERKLOOT, Clinical Professor, *Emeritus*  
 S. HOWARD ARMSTRONG, JR., Professor  
 JAMES A. CAMPBELL, Professor  
 JAMES B. EVERLY, Clinical Professor (Rush)  
 WILLIAM S. HOFFMAN, Lecturer with rank of Professor  
 FRANK B. KELLY, Clinical Professor (Rush)  
 HAROLD C. LUETH, Clinical Professor  
 KARL H. PFUETZE, Clinical Professor  
 BEN Z. RAPPAPORT, Clinical Professor  
 LEROY H. SLOAN, Clinical Professor  
 BENJAMIN GOLDBERG, Clinical Associate Professor, *Emeritus*  
 ALVA A. KNIGHT, Clinical Associate Professor (Rush), *Emeritus*  
 FRANK B. LUSK, Clinical Associate Professor, *Emeritus*  
 SAMUEL PERLSTEIN, Clinical Associate Professor, *Emeritus*  
 HOWARD M. SHEAFF, Clinical Associate Professor (Rush), *Emeritus*  
 MELVIN L. AFREMOW, Clinical Associate Professor  
 EVAN M. BARTON, Clinical Associate Professor (Rush)  
 ARTHUR BERNSTEIN, Clinical Associate Professor  
 RICHARD B. CAPPS, Clinical Associate Professor  
 LOUIS FELDMAN, Clinical Associate Professor  
 JACOB W. FISCHER, Clinical Associate Professor  
 MURRAY FRANKLIN, Clinical Associate Professor  
 JOHN S. GRAETTINGER, Associate Professor  
 EARLE GRAY, Clinical Associate Professor (Rush)  
 EDWIN N. IRONS, Clinical Associate Professor  
 ROY J. KORN, Clinical Associate Professor  
 ROBERT O. LEVITT, Clinical Associate Professor  
 MEYER R. LICHTENSTEIN, Clinical Associate Professor  
 ARMAND LITTMAN, Clinical Associate Professor  
 CLAYTON J. LUNDY, Clinical Associate Professor (Rush)  
 J. CHARLES McMILLAN, JR., Clinical Associate Professor  
 MILTON M. MOSKO, Clinical Associate Professor  
 OGLESBY PAUL, Clinical Associate Professor  
 ISADORE PILOT, Clinical Associate Professor  
 SAMUEL H. ROSENBLUM, Clinical Associate Professor  
 WILLIAM SAPHIR, Clinical Associate Professor  
 JAMES A. SCHOENBERGER, Clinical Associate Professor  
 THEODORE B. SCHWARTZ, Associate Professor  
 MITCHELL A. SPELLBERG, Clinical Associate Professor  
 IRVING E. STECK, Clinical Associate Professor  
 GEORGE W. STUPPY, Clinical Associate Professor (Rush)  
 EUGENE F. TRAUT, Clinical Associate Professor (Rush)  
 RALPH W. TRIMMER, Clinical Associate Professor (Rush)  
 FRANK E. TROBAUGH, JR., Associate Professor  
 HOWARD WAKEFIELD, Clinical Associate Professor  
 WILLARD L. WOOD, Clinical Associate Professor (Rush)  
 LEO E. AMTMAN, Clinical Assistant Professor, *Emeritus*  
 JOHN A. GARDINER, Clinical Assistant Professor (Rush), *Emeritus*  
 BENJAMIN H. HILKEVITCH, Clinical Assistant Professor (Rush), *Emeritus*  
 OSMUND H. AKKE, Clinical Assistant Professor



CARL F. BAUMEISTER, Clinical Assistant Professor  
PAUL L. BEDINGER, Clinical Assistant Professor  
MAX BERG, Clinical Assistant Professor  
LIONEL M. BERNSTEIN, Clinical Assistant Professor  
GEORGE H. BERRYMAN, Clinical Assistant Professor  
HERBERT C. BREUHAUS, Clinical Assistant Professor (Rush)  
DAVID BRONSKY, Clinical Assistant Professor  
RALPH G. BROWN, Clinical Assistant Professor  
GEORGE V. BYFIELD, Clinical Assistant Professor  
MELVIN M. CHERTACK, Clinical Assistant Professor  
THOMAS J. COOGAN, Clinical Assistant Professor  
ANGELO P. CRETICOS, Clinical Assistant Professor  
THEODORE R. DAKIN, Clinical Assistant Professor  
HUGO O. DEUSS, Lecturer with rank of Assistant Professor  
NORMAN J. EHRLICH, Clinical Assistant Professor  
SANFORD A. FRANZBLAU, Clinical Assistant Professor  
ROLF M. GUNNAR, Clinical Assistant Professor (fourteen months from July 1, 1959)

AARON GUNTHER, Clinical Assistant Professor  
BUFORD HALL, Clinical Assistant Professor  
WILLIAM J. HAND, Clinical Assistant Professor  
PAUL HELLER, Clinical Assistant Professor  
HARRY L. HUNTER, Clinical Assistant Professor  
ERVIN KAPLAN, Clinical Assistant Professor  
ROLAND L. KESLER, Clinical Assistant Professor (Rush)  
JANET R. KINNEY, Clinical Assistant Professor  
SHELDON E. KRASNOW, Clinical Assistant Professor  
GRANT H. LAING, Clinical Assistant Professor  
CHARLES H. LAWRENCE, Clinical Assistant Professor  
HERMAN A. LEVY, Clinical Assistant Professor  
JEROME S. MEHLMAN, Clinical Assistant Professor  
JOSEPH J. MUENSTER, Jr., Assistant Professor  
JOHN R. NECHELES, Clinical Assistant Professor  
BERTRAM G. NELSON, Clinical Assistant Professor (Rush)  
LAWRENCE PERLMAN, Clinical Assistant Professor  
VICTOR E. POLLAK, Research Assistant Professor  
THEODORE Z. POLLEY, Clinical Assistant Professor  
JOHN POST, Clinical Assistant Professor (Rush)  
OLDRICH PREC, Lecturer with rank of Assistant Professor  
MARJORIE M. PYLE, Clinical Assistant Professor  
PAUL RAVENNA, Clinical Assistant Professor  
ALFRED H. ROSENBLUM, Clinical Assistant Professor  
ANTHONY R. SAPIENZA, Clinical Assistant Professor  
ARMIN F. SCHICK, Clinical Assistant Professor (Rush)  
HAROLD SCHOOLMAN, Clinical Associate (on leave of absence)  
IRVIN S. SIGLIN, Clinical Assistant Professor (on leave of absence)  
ELIZABETH K. STRAUS, Lecturer with rank of Assistant Professor (Rush)  
GRAHAM A. VANCE, Clinical Assistant Professor  
SEYMOUR W. WEISBERG, Clinical Assistant Professor  
EDWARD O. WILLOUGHBY, Clinical Assistant Professor  
ALEXANDER WOLF, Clinical Assistant Professor  
HARRY J. YELLEN, Clinical Assistant Professor  
SIMON ZIVIN, Clinical Assistant Professor  
EUGENE GROSZ, Clinical Associate, *Emeritus*  
J. LISLE WILLIAMS, Associate, *Emeritus*  
THOMAS A. BAIRD, Clinical Associate (Rush)  
GEORGE P. BALLARD, Clinical Associate  
ROBERT J. BECKER, Clinical Associate  
ALBIN M. BRIXEY, Jr., Clinical Associate  
BENUM W. FOX, Clinical Associate  
DONALD T. FOXWORTHY, Clinical Associate  
RAYMOND M. GALT, Clinical Associate  
MORTON A. GOLDMANN, Clinical Associate

LUKE J. GRIMELLI, Clinical Associate  
CARL A. HEDBLUM, JR., Clinical Associate  
ROBERT N. HEDGES, Clinical Associate  
WALTER F. HOEPPNER, Clinical Associate  
BENJAMIN M. KAPLAN, Clinical Associate  
WILLIAM J. KIRBY, Clinical Associate (Rush)  
BRUCE D. LEE, Clinical Associate  
AUDLEY R. MAMBY, Clinical Associate  
ENNO MANDEMA, Research Associate (one year from July 1, 1959)  
LESTER A. NALEFSKI, Clinical Associate  
DONALD E. O'BRIEN, Clinical Associate  
ROBERT M. POSKE, Clinical Associate  
HELEN L. RHETTA, Clinical Associate  
RIGBY C. ROSKELLEY, Clinical Associate  
RALPH A. SCALA, Clinical Associate  
IRA L. SCHNAER, Clinical Associate  
MAURICE M. ALBALA, Clinical Instructor  
C. CLYDE ANDERSON, Instructor (one year from July 1, 1959)<sup>a</sup>  
BERTHE E. ARMSTRONG, Clinical Instructor  
MARY B. BACKER, Instructor (one year from July 1, 1959)<sup>a</sup>  
DAVID BALDWIN, Clinical Instructor  
RAY F. BEERS, JR., Clinical Instructor  
HERBERT E. BESSINGER, Clinical Instructor  
WILLIAM E. BRETZ, Clinical Instructor  
ROBERT W. CARTON, Clinical Instructor  
JOHN L. CIRZAN, Clinical Instructor  
JOSEPH A. COHEN, Clinical Instructor  
G. WILLIAM COTTS, Clinical Instructor  
JOSEPH A. DAVIS, Clinical Instructor  
GEORGE A. DEJONG, Clinical Instructor  
JOHN A. DETWEILER, Clinical Instructor  
HENRY D. DEYOUNG, Clinical Instructor  
MICHAEL M. DIGILIO, Clinical Instructor  
EDWARD A. DOWNS, Clinical Instructor (one year from July 1, 1959)<sup>a</sup>  
PETER G. ECONOMOU, Instructor (one year from July 1, 1959)<sup>a</sup>  
BERNARD D. EDIDIN, Clinical Instructor  
PETER J. FARAGO, Clinical Instructor  
ROBERT E. FELIX, Instructor  
THOMAS J. FITZPATRICK, Clinical Instructor  
GEORGE C. FLANAGAN, Instructor (one year from July 1, 1959)<sup>a</sup>  
WILLIAM I. FREUD, Clinical Instructor  
GERHARD FREUND, Clinical Instructor  
ROBERT C. FRUIN, Clinical Instructor  
RAIMONDS G. GAILITIS, Clinical Instructor  
CLARENCE L. GANTT, Clinical Instructor  
WILLIAM R. GARR, Clinical Instructor  
CARL A. GEBUHR, Clinical Instructor  
IRVING GREENSPAN, Clinical Instructor  
THOMAS H. HAYES, Clinical Instructor  
ROBERT N. HEDGES, JR., Clinical Instructor  
ROBERT L. HERTING, Clinical Instructor  
WILLIAM H. HIGHSTONE, Clinical Instructor  
NATHAN J. IGLITZEN, Clinical Instructor  
RODNEY A. JAMIESON, Clinical Instructor  
HAROLD L. JENSEN, Clinical Instructor  
LOUIS C. JOHNSTON, Clinical Instructor  
FRANK W. JONES, Clinical Instructor  
JOHN C. JONES, Clinical Instructor  
PHILIP N. JONES, Clinical Instructor  
IRENE G. KAGANIEC, Clinical Instructor  
ROBERT S. KASSRIEL, Clinical Instructor  
FRANK B. KELLY, JR., Clinical Instructor  
THEODOSIOS E. KIOUTAS, Instructor (one year from July 1, 1959)<sup>a</sup>

WALLACE W. KIRKLAND, Jr., Clinical Instructor  
 SYDNEY KOFMAN, Instructor  
 JOHN C. KULIS, Clinical Instructor  
 SAMUEL MATLIN, Clinical Instructor  
 PETER S. MAYER, Clinical Instructor  
 PAUL A. MEREDITH, Clinical Instructor  
 THOMAS MORRISON, Clinical Instructor  
 ROBERT C. MUEHRCKE, Instructor  
 JOSHUA ODEN, Jr., Clinical Instructor  
 LEONARD OHRINGER, Clinical Instructor  
 ROBERT L. PARSONS, Instructor (one year from July 1, 1959)  
 CHARLES P. PERLIA, Clinical Instructor  
 WILLIAM H. PHELAN, Instructor  
 GLOUCESTER A. PRICE, JR., Clinical Instructor  
 CALVIN RADIN, Clinical Instructor  
 ANITA ROBBINS, Clinical Instructor  
 DEAN S. ROSSET, Clinical Instructor  
 SEYMOUR R. SALBERG, Clinical Instructor  
 VITOLDS R. SILINS, Instructor (one year from July 1, 1959)<sup>3</sup>  
 WILLIAM K. SCUPHAM, Clinical Instructor  
 ROBERT E. SLAYTON, Clinical Instructor  
 LEONARD S. SLUZYNSKI, Clinical Instructor  
 MARSHALL J. SNAPP, Clinical Instructor  
 WILLIAM R. STARR, Clinical Instructor  
 HARRY B. STONE, Clinical Instructor  
 JEROME F. STRAUSS, JR., Clinical Instructor  
 DONALD W. TARUN, Clinical Instructor  
 KASRIEL TAUSK, Clinical Instructor  
 RAYMOND TEPLITZ, Clinical Instructor (fourteen months from July 1, 1959)  
 CHESTER B. THRIFT, Clinical Instructor  
 ANGELO TORGO, Clinical Instructor  
 ALSTON C. TWISS, Clinical Instructor  
 CHARLES S. VIL, Clinical Instructor  
 EARL A. VONDRASEK, Clinical Instructor  
 MANFRED WEINSTEIN, Clinical Instructor (six months from July 1, 1959)  
 JACK WILLIAMS, Clinical Instructor  
 PAUL L. WINTER, Instructor (one year from July 1, 1959)<sup>3</sup>  
 EDWARD J. WISS, Clinical Instructor  
 CHARLES K. WOLFE, JR., Clinical Instructor  
 JAMES R. ZVETINA, Clinical Instructor  
 WILLIAM J. ANDREWS, Clinical Assistant  
 FRANK O. BECKER, Assistant (one year from July 1, 1959)<sup>3</sup>  
 SAMUEL BERGER, Clinical Assistant  
 WILLIAM V. BLAZEK, Assistant (one year from July 1, 1959)<sup>2</sup>  
 EMANUEL O. BRAMS, Assistant (one year from July 1, 1959)<sup>2</sup>  
 ERNEST R. BROOKS, Clinical Assistant  
 DONALD R. DARLING, Clinical Assistant (fourteen months from July 1, 1959)  
 ROBERT L. DEVETSKI, Assistant (one year from July 1, 1959)<sup>3</sup>  
 ALESSANDRO EMANUELI, Research Assistant (one year from July 1, 1959)  
 MARY P. FARNES, Research Assistant (one year from July 1, 1959)  
 RICHARD P. FÖTH, Assistant (one year from July 1, 1959)<sup>3</sup>  
 JEROME L. HANDLER, Clinical Assistant  
 DONALD H. HANSCOM, Assistant (one year from July 1, 1959)<sup>2</sup>  
 ALLEN HOFFMAN, Clinical Assistant  
 EDELS K. HUDSON, Assistant (one year from July 1, 1959)<sup>2</sup>  
 MOHAMMAD INAYATULLAH, Assistant (one year from July 1, 1959)<sup>3</sup>  
 SHELTON M. KAHN, Assistant (nine months from October 1, 1959)<sup>2</sup>  
 THOMAS L. KEMPER, Assistant (one year from July 1, 1959)<sup>3</sup>  
 ROGER P. KENNEDY, Assistant (one year from July 1, 1959)<sup>2</sup>  
 NORMAN S. KRIEGER, Clinical Assistant  
 MEYER KUSHNER, Clinical Assistant  
 JOHN M. LEEDOM, Assistant (one year from July 1, 1959)<sup>2</sup>  
 EDWARD A. LICHTER, Assistant (one year from July 1, 1959)<sup>2</sup>

PATRICIA A. MCCREARY, Clinical Assistant  
VIDVUDS MEDENIS, Clinical Assistant  
ALLEN D. MEYER, Research Assistant (one year from July 1, 1959)  
HOWARD A. MUELLER, Assistant (one year from July 1, 1959)<sup>3</sup>  
LOUIS M. NEWTON, Assistant (one year from July 1, 1959)<sup>3</sup>  
RALPH PACINI, Clinical Assistant  
LUBEN C. PENEV, Clinical Assistant  
SOL PICKARD, Assistant (one year from July 1, 1959)<sup>2</sup>  
RICHARD E. RIESELBACH, Assistant (one year from July 1, 1959)<sup>2</sup>  
ROGER R. SCHUESSLER, Assistant (one year from July 1, 1959)<sup>2</sup>  
JACK W. SHIELDS, Clinical Assistant  
JAMES P. SHOMAKER, Assistant (one year from July 1, 1959)<sup>3</sup>  
HAROLD B. SHRIFTER, Clinical Assistant  
SHELDON J. SLODKI, Clinical Assistant  
SOLOMON SOBEL, Assistant (one year from July 1, 1959)<sup>2</sup>  
JOHN C. STUTZMAN, Assistant (one year from July 1, 1959)<sup>3</sup>  
STANLEY A. URIU, Assistant (one year from July 1, 1959)<sup>2</sup>  
ROBERT M. WILLIAMS, Assistant (one year from July 1, 1959)<sup>2</sup>

#### Microbiology

GEORGE F. FORSTER, Lecturer with rank of Assistant Professor  
RALPH H. HUBBLE, Lecturer with rank of Instructor  
ELTA W. KNOLL, Assistant, *Emerita*

#### Neurology and Neurological Surgery

LOREN W. AVERY, Clinical Professor (Rush)  
ARTHUR ARNOLD, Clinical Assistant Professor  
CHARLES S. TEXTOR II, Clinical Assistant Professor  
A. BEAUMONT JOHNSON II, Clinical Associate  
NATHAN ZOLT, Clinical Associate  
JEAN-LOUIS R. RIEHL, Instructor (one year from July 1, 1959)<sup>3</sup>  
VIRGINIA R. SORUM, Clinical Instructor  
WILLIAM H. ALLEN, Assistant<sup>2</sup>  
PATRICK W. ELWOOD, Assistant<sup>2</sup>  
ALLAN E. KAGEN, Assistant (one year from August 1, 1959)<sup>2</sup>  
PHILIPP M. LIPPE, Assistant (one year from July 1, 1959)<sup>2</sup>  
IVAN R. PEREZ, Assistant (one year from August 1, 1959)<sup>3</sup>  
SUAT G. PIROGLU, Assistant (one year from July 1, 1959)<sup>3</sup>  
ROY C. SELBY, JR., Assistant<sup>2</sup>  
ELI TOBIAS, Assistant (one year from July 1, 1959)<sup>3</sup>  
GORO TSUCHIYA, Assistant (one year from July 1, 1959)<sup>2</sup>  
LYLE E. WACASER, Assistant (one year from July 1, 1959)<sup>3</sup>

#### Obstetrics and Gynecology

EDWARD D. ALLEN, Clinical Professor (Rush)  
HARRY BOYSEN, Clinical Professor (Rush)  
EUGENE A. EDWARDS, Clinical Professor  
ABRAHAM F. LASH, Clinical Professor  
JAMES P. FITZGIBBONS, Clinical Associate Professor  
ARTHUR H. KLAWANS, Clinical Associate Professor (Rush)  
ALFRED J. KOBAK, Clinical Associate Professor  
RICHARD A. LIFVENDAHL, Clinical Associate Professor  
FRED O. PRIEST, Clinical Associate Professor (Rush)  
GEORGE H. REZEK, Clinical Associate Professor  
HARRY K. WADDINGTON, Clinical Associate Professor  
JOHN R. WOLFF, Clinical Associate Professor  
WALTER C. HAMMOND, Clinical Assistant Professor, *Emeritus*  
JOHN M. LANG, Clinical Assistant Professor, *Emeritus*  
FRANK L. STONE, Clinical Assistant Professor, *Emeritus*  
RICHARD H. ANDRESEN, Clinical Assistant Professor  
HUGO C. BAUM, Clinical Assistant Professor (Rush)  
SOL J. BENENSOHN, Clinical Assistant Professor

MICHAEL H. BOLEY, Clinical Assistant Professor  
CLAIR M. CAREY, Clinical Assistant Professor  
AUGUST F. DARO, Clinical Assistant Professor  
SOL T. DELEE, Clinical Assistant Professor  
CECIL C. DRAA, Clinical Assistant Professor (Rush)  
DEANE M. FARLEY, Clinical Assistant Professor  
WILLIAM F. GEITTMANN, Clinical Assistant Professor  
ROBERT J. GLENNER, Clinical Assistant Professor  
JOHN P. HARROD, Jr., Clinical Assistant Professor  
CHARLES D. KRAUSE, Clinical Assistant Professor  
ROCCO V. LOBRAICO, Clinical Assistant Professor  
JOHN S. LONG, Clinical Assistant Professor  
ARMAND J. MAUZEY, Clinical Assistant Professor  
JOHN W. PAYNE, Clinical Assistant Professor  
LOWELL F. PETERSON, Clinical Assistant Professor  
FREDERICK J. ROOS, Clinical Assistant Professor  
HARRY SERED, Clinical Assistant Professor  
C. OTIS SMITH, Clinical Assistant Professor  
MANUEL SPIEGEL, Clinical Assistant Professor  
JOSEPH B. TETON, Clinical Assistant Professor  
FRANK J. WALSH, Clinical Assistant Professor  
ROBERT A. BEEBE, Clinical Associate  
GEORGE C. FINOLA, Clinical Associate  
JOSEPH S. ANGELL, Clinical Instructor  
EDMOND M. BROPHY, Instructor (one year from July 1, 1959)<sup>2</sup>  
PAUL A. CAPELLI, Instructor (one year from July 1, 1959)<sup>3</sup>  
CHILIANO E. CASAL, Instructor (one year from July 1, 1959)<sup>3</sup>  
VINCENT S. DIGIULIO, Clinical Instructor  
HARVEY A. GOLLIN, Clinical Instructor  
BERNARD M. KAYE, Clinical Instructor  
ALFREDO L. LARRANAGA, Instructor (one year from July 1, 1959)<sup>2</sup>  
VINCENT A. LAVIERI, Clinical Instructor  
LAWRENCE LEVINE, Clinical Instructor  
WILBUR J. MARSHALL, Instructor (one year from July 1, 1959)<sup>2</sup>  
THEODORE C. MOUZAKEOTIS, Clinical Instructor  
JOSEPH J. MULLEN, Clinical Instructor  
EDWIN E. NYMAN, Clinical Instructor  
MICHAEL P. PILL, Clinical Instructor  
MEYER D. RUTGARD, Clinical Instructor  
JACK A. SAMPSON, Clinical Instructor  
SEYMOUR SHOLDER, Clinical Instructor  
PETER SIEGEL, Instructor (one year from July 1, 1959)<sup>2</sup>  
HAROLD E. SMITH, Clinical Instructor  
ROBERT G. STONE, Clinical Instructor  
EDGAR B. SYLVESTER, Clinical Instructor  
NATHAN TOLWINSKY, Clinical Instructor  
VASIL TRUCHLY, Instructor (one year from July 1, 1959)<sup>3</sup>  
GEORGE P. VLASIS, Clinical Instructor  
LAVERNE M. WALLHEISER, Clinical Instructor  
ALVIN F. WIERSMA, Clinical Instructor  
JOHN A. AIMONE, Clinical Assistant  
JOHN F. BARTELS, Clinical Assistant  
JAIME A. CAVERO, Assistant (one year from July 1, 1959)<sup>3</sup>  
JOSEPH D. CECE, Assistant (nine months from October 1, 1959)<sup>3</sup>  
DELOS E. COZAD, Clinical Assistant  
ANDREW V. DAHLBERG, Clinical Assistant  
DONALD M. FAHRENBAACH, Clinical Assistant  
EDWIN L. FALLOON, Clinical Assistant  
WILLIAM A. GILLINGER, Assistant (one year from July 1, 1959)<sup>2</sup>  
MARIO A. IRIGOYEN, Clinical Assistant  
ELMER J. JUSTEMA, Clinical Assistant  
SIDNEY C. KAHN, Clinical Assistant  
JOHN S. KARAMITSOS, Assistant (one year from July 1, 1959)<sup>2</sup>

ANTHONY M. KENWICK, Clinical Assistant  
 JOHN R. KOSTELNY, Clinical Assistant  
 ALVIN LANGER, Assistant (one year from July 1, 1959)<sup>2</sup>  
 ROBERT H. OBERHELMAN, Clinical Assistant  
 ADRIAN R. OLECK, Clinical Assistant  
 GEORGE PEPPER, Assistant (one year from July 1, 1959)<sup>2</sup>  
 PHILANDER RICKS, JR., Assistant (one year from July 1, 1959)<sup>2</sup>  
 MARVIN A. ROSNER, Clinical Assistant  
 JAMES A. SINGLETON, Assistant (for one year from July 1, 1959)<sup>2</sup>  
 LAWRENCE J. SYKORA, Clinical Assistant  
 NANCY C. TREADWELL, Clinical Assistant  
 JEAN J. VANHOUTTE, Assistant (one year from July 1, 1959)<sup>1</sup>  
 BRUCE P. ZUMMO, Clinical Assistant

### Ophthalmology

WILLIAM F. HUGHES, Clinical Professor  
 WILLIAM F. MONCREIFF, Clinical Professor (Rush)  
 EARLE B. FOWLER, Clinical Associate Professor (Rush), *Emeritus*  
 GEORGIANA D. THEOBALD, Clinical Associate Professor and Clinical Pathologist,  
*Emerita*  
 CARL APPLE, Clinical Associate Professor  
 JOSEPH S. HAAS, Clinical Associate Professor  
 DANIEL SNYDACKER, Clinical Associate Professor  
 THEODORE N. ZEKMAN, Clinical Associate Professor  
 JAMES W. CLARK, Clinical Assistant Professor  
 LOUIS FEINBERG, Clinical Assistant Professor  
 NATHAN H. FOX, Clinical Assistant Professor  
 ROBERT R. HERBST, Clinical Assistant Professor  
 GILBERT ISEER, Clinical Assistant Professor  
 HAROLD Q. KIRK, Clinical Assistant Professor  
 DAVID B. MAHER, Clinical Assistant Professor  
 H. ISABELLE MCGARRY, Clinical Assistant Professor  
 G. HENRY MUNDT, JR., Clinical Assistant Professor  
 EDWARD A. PUSHKIN, Clinical Assistant Professor  
 WILLIAM ROSENBERG, Clinical Assistant Professor  
 SAMUEL M. SCHALL, Clinical Assistant Professor  
 KARL J. SCHERIBEL, Clinical Assistant Professor (Rush)  
 MANUEL L. STILLERMAN, Clinical Assistant Professor  
 MARTIN J. URIST, Clinical Assistant Professor  
 WALTER L. BAYARD, Clinical Associate  
 ALDONA A. JUSKA, Clinical Associate  
 ARTHUR LIGHT, Clinical Associate  
 EARL H. MERZ, Clinical Associate  
 ROBERT MURPHY, Clinical Associate  
 VALDO P. OLEARI, Clinical Associate  
 JUDITH V. PERRY, Clinical Associate  
 KARL E. TICHO, Clinical Associate  
 VERNON M. LEECH, Clinical Associate (Rush)  
 DAVID V. L. BROWN, Clinical Instructor  
 MICHAEL E. CARROLL, Clinical Instructor  
 JOHN R. CASSADY, Clinical Instructor  
 VIVIAN A. CATION, Clinical Instructor  
 WILLIAM E. DEUTSCH, Clinical Instructor  
 GEORGE T. FITZGERALD, Clinical Instructor  
 EDWARD FLICK, Clinical Instructor (one year from July 1, 1959)  
 MARVIN D. HENRY, Clinical Instructor  
 ABRAHAM SCHULTZ, Clinical Instructor  
 BARBARA SPIRO, Clinical Instructor  
 JOSEPH TATAR, Clinical Instructor  
 ALBERT E. TENNENBAUM, Clinical Instructor  
 JACK TRESLEY, Clinical Instructor  
 EDWIN S. WOOD, Clinical Instructor

BURTON M. KRIMMER, Clinical Instructor  
 JOHN O. MINIER, Clinical Instructor (one year from July 1, 1959)  
 EDWIN F. BRACHMAN, Assistant (six months from July 1, 1959)<sup>2</sup>  
 CURTIS F. DETERS, Assistant (one year from July 1, 1959)<sup>2</sup>  
 MARSHALL A. DIAMOND, Assistant (one year from July 1, 1959)<sup>2</sup>  
 SHERWIN A. FOX, Assistant (one year from July 1, 1959)<sup>2</sup>  
 LAWRENCE N. FRAZIN, Assistant (one year from July 1, 1959)<sup>2</sup>  
 HAL M. FREEMAN, Assistant (one year from July 1, 1959)<sup>2</sup>  
 HOMER GOLDSTEIN, Assistant (one year from July 1, 1959)<sup>2</sup>  
 DENNIS HARRIS, Assistant (one year from July 1, 1959)<sup>2</sup>  
 RAYMOND HECHTER, Assistant (one year from July 1, 1959)<sup>2</sup>  
 LAMBROS KARKAZIS, Assistant (one year from July 1, 1959)<sup>2</sup>  
 JAMES KILLOH, Assistant (one year from July 1, 1959)<sup>2</sup>  
 CHARLTON R. LATTA, Assistant (one year from July 1, 1959)<sup>2</sup>  
 ALEX E. KRILL, Assistant (one year from July 1, 1959)  
 IRWIN MENACHOF, Assistant (one year from July 1, 1959)  
 DAVID MILLER, Assistant (one year from July 1, 1959)<sup>2</sup>  
 WILLIAM G. NICOL, Assistant (one year from July 1, 1959)<sup>2</sup>  
 CARL F. SCHMIDT, Assistant (one year from July 1, 1959)<sup>2</sup>  
 PAUL J. SCHMIDT, Assistant (one year from July 1, 1959)<sup>2</sup>  
 JOHN B. TURNBULL, Assistant (one year from July 1, 1959)<sup>2</sup>  
 DAVID C. WHITSELL, Assistant (one year from July 1, 1959)<sup>2</sup>  
 PAUL S. YOCUM, Assistant (one year from July 1, 1959)<sup>2</sup>

#### Orthopaedic Surgery

FRANK G. MURPHY, Clinical Associate Professor, *Emeritus*  
 CARLO S. SCUDERI, Clinical Associate Professor  
 KURT L. EICHELBAUM, Clinical Assistant Professor  
 THOMAS D. HALL, Clinical Assistant Professor<sup>2</sup>  
 WILLIAM A. MARSHALL, Clinical Assistant Professor  
 LEO F. MILLER, Clinical Assistant Professor  
 DONALD ROSS, Clinical Assistant Professor  
 FRED SHAPIRO, Clinical Assistant Professor (Rush)  
 HORACE E. TURNER, Clinical Assistant Professor  
 ERNO B. HIDVEGI, Research Associate  
 TAWFIK Y. SABET, Research Associate  
 JAMES P. AHSTROM, Clinical Instructor  
 RICHARD M. CRONIN, Clinical Instructor  
 CHARLES E. GAVIN, Instructor<sup>2</sup>  
 FRANCIS M. HOWARD, Clinical Instructor (on leave of absence)  
 ROBERT P. MEANY, Clinical Instructor  
 ALBERT J. NOVOTNY, Clinical Instructor  
 CLIFFORD O. NYMAN, Clinical Instructor  
 RAYMOND J. PELLICORE, Clinical Instructor  
 WALTER R. PETERSEN, Clinical Instructor  
 IRWIN B. RICH, Clinical Instructor  
 ANTONI TRIAS, Instructor<sup>2</sup>  
 LOUIS S. VARZINO, Clinical Instructor (Rush)  
 CHRISTOPHER F. G. ELLIS, Assistant<sup>2</sup>  
 ROBERT C. HAMILTON, Assistant<sup>2</sup>  
 BRIAN H. HUNCKE, Assistant<sup>2</sup>  
 ESTHER D. MENSEN, Research Assistant  
 WILLIAM F. MCCOLL, JR., Assistant<sup>2</sup>  
 WILLIAM MELTZER, Assistant<sup>2</sup>  
 WILLIAM H. NEWMAN, Clinical Assistant

#### Otolaryngology

DANIEL A. HAYDEN, Clinical Professor (Rush), *Emeritus*  
 ABRAHAM R. HOLLENDER, Professor, *Emeritus*  
 WALTER H. THEOBALD, Clinical Professor, *Emeritus*  
 OLIVER E. VANALYEA, Clinical Professor, *Emeritus*

SAMUEL M. MORWITZ, Clinical Associate Professor, *Emeritus*  
RICHARD W. WATKINS, Clinical Associate Professor, *Emeritus*  
ALBERT H. ANDREWS, JR., Clinical Associate Professor of Bronchoesophagology  
OSCAR J. BECKER, Clinical Associate Professor  
WALTER W. DALITSCH, Clinical Associate Professor  
STANTON A. FRIEDBERG, Clinical Associate Professor (Rush)  
ROBERT HENNER, Clinical Associate Professor  
KENNETH C. JOHNSTON, Clinical Associate Professor  
G. KENNETH LEWIS, Clinical Associate Professor  
GEORGE S. LIVINGSTON, Clinical Associate Professor  
ROBERT B. LEWY, Clinical Associate Professor  
MAURICE F. SNITMAN, Clinical Associate Professor  
LINDEN J. WALLNER, Clinical Associate Professor (Rush)  
HELMUT BLUMENTHAL, Clinical Assistant Professor  
EDWARD L. CHAINSKI, Clinical Assistant Professor  
ARTHUR J. COOMBS, Clinical Assistant Professor  
CLIFFORD L. DOUGHERTY, Clinical Assistant Professor  
ELMER A. FRIEDMAN, Clinical Assistant Professor  
LOIS D. GREENE, Clinical Assistant Professor  
NORMAN LESHIN, Clinical Assistant Professor  
RICHARD E. MARCUS, Clinical Assistant Professor  
ARTHUR L. RATKO, Clinical Assistant Professor  
LEO A. SATZ, Clinical Assistant Professor  
LOUIS SAVITT, Clinical Assistant Professor  
FRANK WOJNIAK, Clinical Assistant Professor (Rush)  
I. ERLIN BARTLETT, Clinical Associate  
BRUNO BLUMKLOTZ, Clinical Associate  
JOSEPH F. ORRICO, Clinical Associate  
HARKISHEN S. SINGH, Clinical Associate  
WILLIAM A. SMILEY, Clinical Associate  
PIERCE W. THEOBALD, Clinical Associate  
JOHN A. WEIDEMANN, Clinical Associate  
DAVID F. AUSTIN, Clinical Instructor  
ROBERT H. BORKENHAGEN, Clinical Instructor  
DAVID O. DALE, Clinical Instructor  
JOSE L. FERRER, Clinical Instructor  
JEANNETTE FRASIER, Clinical Instructor in Audiology  
JOSEPH GYORKEY, Clinical Instructor  
COLETTE JEANTET, Clinical Instructor  
ANDREAS G. KODROS, Clinical Instructor  
ROLAND A. KOWAL, Clinical Instructor  
MILTON E. KURTH, Clinical Instructor  
MARIO D. MANSUETO, Clinical Instructor  
PHILLIP I. MOZER, Clinical Instructor  
ATHANASSIOS P. PANAGOPOULOS, Clinical Instructor  
EDWARD A. RAZIM, Clinical Instructor  
KARL H. SIEDENTOP, Clinical Instructor  
KURT SPRINGER, Clinical Instructor  
JOHN W. BAXTER, Assistant (one year from July 1, 1959)<sup>2</sup>  
CHARLES D. BLUESTONE, Assistant (one year from July 1, 1959)<sup>2</sup>  
GEORGE H. CONNER, Assistant<sup>2</sup>  
DAVID L. FAGELSON, Assistant (one year from July 1, 1959)<sup>2</sup>  
GERALD E. GUEMMER, Clinical Assistant  
RALPH A. CASCIARO, Assistant (one year from July 1, 1959)<sup>2</sup>  
PETER L. LEFFMAN, Assistant (one year from July 1, 1959)<sup>2</sup>  
A. LAWRENCE LEMEL, Assistant (one year from July 1, 1959)<sup>2</sup>  
DINO G. MAURIZI, Assistant (one year from July 1, 1959)<sup>2</sup>  
ROBERT C. NEWELL, Assistant (one year from July 1, 1959)<sup>2</sup>  
THADDEUS S. PIERZYNSKI, Assistant (fourteen months from July 1, 1959)<sup>2</sup>  
JOYCE A. SCHILD, Assistant (one year from July 1, 1959)<sup>2</sup>  
ALDO C. SIRUGO, Assistant<sup>2</sup>  
LOUIS T. TENTA, Assistant (one year from July 1, 1959)<sup>2</sup>  
JOHN D. VANNUYS, Assistant (one year from July 1, 1959)<sup>2</sup>



**Pathology**

GEORGE M. HASS, Professor  
 LESTER S. KING, Clinical Professor  
 C. BRUCE TAYLOR, Professor  
 CHARLES E. CAHN-BRONNER, Professorial Lecturer, *Emeritus*  
 FREDERICK C. BAUER, JR., Associate Professor  
 HAROLD A. GRIMM, Clinical Associate Professor  
 JERRY J. KEARNS, Clinical Associate Professor  
 AARON LEARNER, Clinical Associate Professor  
 COYE C. MASON, Clinical Associate Professor  
 DOROTHY E. ESHBAUGH, Clinical Assistant Professor  
 FREDERIC O. FLOBERG, Lecturer in Legal Medicine with rank of Assistant Professor  
 MOSHE G. GOLDBERG, Clinical Assistant Professor  
 FRANZ E. HIRSCH, Lecturer with rank of Clinical Assistant Professor  
 ROBERT V. HOFFMAN, JR., Clinical Assistant Professor  
 GRANT C. JOHNSON, Clinical Assistant Professor  
 ALBERT I. RUBENSTONE, Clinical Assistant Professor  
 ALBERT W. SCHWEITZER, Clinical Assistant Professor  
 JAMES R. THOMPSON, Clinical Assistant Professor  
 RICHARD E. TRUEHEART, Assistant Professor (fourteen months from July 1, 1959)  
 JONAS VALAITIS, Clinical Assistant Professor  
 PAUL A. VAN PERNIS, Clinical Assistant Professor  
 JOHN E. MALONEY, Clinical Associate  
 ROBERT W. ALEXANDER, Instructor (one year from July 1, 1959)<sup>3</sup>  
 RAYMOND A. CLASEN, Instructor (one year from July 1, 1959)<sup>3</sup>  
 GEORGE E. COX, Instructor (one year from July 1, 1959)<sup>3</sup>  
 ROBERT H. EDWARDS, Instructor (one year from July 1, 1959)<sup>3</sup>  
 REUBEN EISENSTEIN, Instructor (one year from July 1, 1959)<sup>3</sup>  
 JAMES E. HABEGGER, Clinical Instructor  
 MARILYN J. O'BRIEN, Instructor (one year from July 1, 1959)<sup>2</sup>  
 URSULA F. ROWLATT, Instructor  
 JESUS A. CABRERA, Assistant (one year from July 1, 1959)<sup>2</sup>  
 JOSEPH J. HOSEK, Assistant (one year from July 1, 1959)<sup>2</sup>  
 LASZLO S. MEDGYESY, Assistant (one year from July 1, 1959)<sup>2</sup>  
 JAMES C. PRITCHARD, Assistant (one year from July 1, 1959)<sup>2</sup>  
 W. WIKE SCAMMAN, Assistant (one year from July 1, 1959)<sup>2</sup>

**Pediatrics**

CLIFFORD G. GRULEE, Clinical Professor (Rush), *Emeritus*  
 ARCHIBALD L. HOYNE, Clinical Professor (Rush), *Emeritus*  
 HUGH MCCULLOCH, Lecturer with rank of Professor, *Emeritus*  
 ALFRED D. BIGGS, Clinical Professor  
 I. PAT BRONSTEIN, Clinical Professor  
 CRAIG D. BUTLER, Clinical Professor (Rush)  
 BENJAMIN M. GASUL, Clinical Professor  
 JOSEPH GREENGARD, Clinical Professor  
 C. JACK HARRISON, Clinical Professor (Rush)  
 SAMUEL J. HOFFMAN, Clinical Professor  
 CHARLES K. STULIK, Clinical Associate Professor (Rush), *Emeritus*  
 LAWRENCE BRESLOW, Clinical Associate Professor  
 WARREN R. DAMMERS, Clinical Associate Professor  
 WERNER K. GOTSTEIN, Clinical Associate Professor  
 LOUIS J. HALPERN, Clinical Associate Professor  
 HARRY LECHENGER, Clinical Associate Professor  
 MATTHEW M. LEWISON, Clinical Associate Professor (Rush)  
 DANIEL J. PACHMAN, Clinical Associate Professor  
 IRVING B. RICHTER, Clinical Associate Professor  
 NOEL G. SHAW, Clinical Associate Professor (Rush)  
 NORMAN T. WELFORD, Clinical Associate Professor (Rush)  
 DOROTHY H. WELKER, Clinical Associate Professor  
 E. H. CHRISTOPHERSON, Clinical Assistant Professor  
 WOODRUFF L. CRAWFORD, Clinical Assistant Professor

JOHN B. HALL, Clinical Assistant Professor  
 HELEN HAYDEN, Clinical Assistant Professor  
 MILDRED R. JACKSON, Clinical Assistant Professor  
 HARVEY KRAVITZ, Clinical Assistant Professor  
 HERMAN B. LANDER, Clinical Assistant Professor  
 BRUCE B. NEWMAN, Clinical Assistant Professor  
 HOMER S. PARKER, Clinical Assistant Professor  
 FREDERICK L. PHILLIPS, Clinical Assistant Professor  
 MILDRED J. POLNIASZEK, Clinical Assistant Professor  
 MARTIN O. SACKS, Clinical Assistant Professor  
 THOMAS P. SALTIELD, Clinical Assistant Professor  
 IRENE SHMIGELSKY, Clinical Assistant Professor  
 CHARLES E. STEPAN, Clinical Assistant Professor  
 SAMUEL THOMAS, Clinical Assistant Professor  
 ABRAHAM A. WOLF, Clinical Assistant Professor  
 HANS G. BUCHELERES, Instructor  
 MARY DOCHIOS, Clinical Instructor  
 ELIZABETH KELLER, Clinical Instructor  
 ELISABETH S. LASSERS, Clinical Instructor  
 HOWARD J. LEVINE, Clinical Instructor  
 JEROME J. LUBIN, Clinical Instructor  
 RONALD B. MACK, Clinical Instructor  
 JOHN J. MARINO, Clinical Instructor  
 HARRY T. NAGEL, Clinical Instructor  
 KENNETH S. NOLAN, Clinical Instructor  
 ALYDA R. RATAJIK, Clinical Instructor  
 VLASTIMIL VRLA, Clinical Instructor  
 DANUTA J. BUZDYGAN, Assistant<sup>2</sup>  
 KATOK CHUANG, Assistant  
 AGAPITO Y. DE RAMOS, Assistant<sup>2</sup>  
 MEL W. FEINBERG, Assistant<sup>2</sup>  
 RICHARD J. FEINBERG, Assistant<sup>2</sup>  
 GARLAND P. KIRKPATRICK, Assistant<sup>2</sup>  
 CATALINA LEE, Assistant  
 MOHAMAD R. MOINFAR, Assistant<sup>2</sup>  
 PARVIZ MOVAFAGH, Assistant  
 P. R. DEL ROSARIO, Assistant  
 MEHMET SOMALI, Assistant<sup>2</sup>

#### Pharmacology

VICTOR A. DRILL, Lecturer with rank of Professor  
 HARRIS ISBELL, Lecturer with rank of Professor

#### Physical Medicine and Rehabilitation

H. WORLEY KENDELL, Clinical Professor  
 MAXWELL D. FLANK, Clinical Assistant Professor

#### Physiology

LATHAN A. CRANDALL, JR., Lecturer with rank of Professor  
 HAROLD E. HIMWICH, Lecturer with rank of Professor  
 CHESTER W. DARROW, Associate Professor  
 NEENA B. SCHWARTZ, Lecturer with rank of Assistant Professor

#### Preventive Medicine

THOMAS G. HULL, Lecturer in Preventive Medicine, with rank of Associate Professor, *Emeritus*  
 JERMYN F. MCCAHAN, Clinical Assistant Professor  
 HAROLD W. SPIES, Clinical Assistant Professor  
 HAROLD H. STEINBERG, Clinical Assistant Professor  
 RAYMOND W. STEBLEY, Clinical Instructor

**Psychiatry**

RALPH C. HAMILL, Clinical Professor (Rush), *Emeritus*  
DAVID SHAKOW, Lecturer with rank of Professor  
HARRY R. HOFFMAN, Clinical Associate Professor (Rush), *Emeritus*  
WILLIAM H. HAINES, Clinical Associate Professor  
ARTHUR A. MILLER, Clinical Associate Professor  
DONALD A. R. MORRISON, Clinical Associate Professor  
ALFRED P. SOLOMON, Clinical Associate Professor  
JACK WEINBERG, Clinical Associate Professor  
JACOB PASKIND, Clinical Assistant Professor, *Emeritus*  
JAMES M. ALEXANDER, Clinical Assistant Professor  
HAROLD BALIKOV, Clinical Assistant Professor  
MILTON C. BAUMANN, Clinical Assistant Professor  
E. ELIOT BENEZRA, Clinical Assistant Professor  
ANNE R. BENJAMIN, Clinical Assistant Professor  
LEON BERNSTEIN, Clinical Assistant Professor  
BERNARD BLOCK, Clinical Assistant Professor  
DAVID D. BROCKMAN, Clinical Assistant Professor  
JAMES A. BUETTNER, Clinical Assistant Professor  
PAULINE M. COOKE, Clinical Assistant Professor  
LEON DIAMOND, Clinical Assistant Professor  
ALFRED FLARSHEIM, Clinical Assistant Professor  
ROBERT M. GLUCKMAN, Clinical Assistant Professor  
ALFRED G. GREEN, Clinical Assistant Professor  
HAROLD A. GREENBERG, Clinical Assistant Professor  
FREDERICK V. GWYER, Clinical Assistant Professor  
JOHN E. HALASZ, Clinical Assistant Professor  
LOUIS HALPERIN, Clinical Assistant Professor  
JOHN W. HANNI, Clinical Assistant Professor  
DAVID S. HARMAN, Clinical Assistant Professor  
IRVING D. HARRIS, Clinical Assistant Professor  
WALTER KITT, Clinical Assistant Professor  
RICHARD C. KOENIG, Clinical Assistant Professor  
ROBERT H. KOFF, Clinical Assistant Professor  
GUSTAVO A. LAGE, Clinical Assistant Professor  
JOHN C. LEE, Clinical Assistant Professor  
SAMUEL D. LIEBMAN, Clinical Assistant Professor  
JOAN LONGINI, Clinical Assistant Professor  
ROBERT G. McMILLAN, Clinical Assistant Professor  
WARREN G. MCPHERSON, Clinical Assistant Professor  
VICTOR J. MINTEK, Clinical Assistant Professor  
WILLIAM H. MURRAY, Clinical Assistant Professor  
JOSEPH G. NEMECEK, Clinical Assistant Professor  
MELVIN D. NUDELMAN, Clinical Assistant Professor  
ERICH PASCHKES, Clinical Assistant Professor  
GEORGE L. PERKINS, Clinical Assistant Professor  
CLIFTON C. RHEAD, Clinical Assistant Professor  
FRANCO U. RINALDI, Clinical Assistant Professor  
ALAN M. ROBERTSON, Clinical Assistant Professor  
RAYMOND E. ROBERTSON, Clinical Assistant Professor  
MORRIS M. ROSENTHAL, Clinical Assistant Professor  
LESTER H. RUDY, Clinical Assistant Professor  
HENRY L. RUEHR, Clinical Assistant Professor  
HARRY M. SEGENREICH, Clinical Assistant Professor  
MORRIS A. SKLANSKY, Clinical Assistant Professor  
W. DAVID STEED, Clinical Assistant Professor  
ROBERT L. STEWART, Clinical Assistant Professor  
VIRGINIA S. TARLOW, Clinical Assistant Professor  
THOMAS T. TOURLENTES, Clinical Assistant Professor  
SAMUEL A. VICTOR, Clinical Assistant Professor  
WILLIAM WEISDORF, Clinical Assistant Professor  
ROBERT E. WESTFALL, Clinical Assistant Professor

DONOVAN G. WRIGHT, Clinical Assistant Professor  
 VICTOR J. ZIELINSKI, Clinical Assistant Professor  
 CLARESA M. ARMSTRONG, Clinical Instructor  
 THOMAS N. DAVIS III, Clinical Instructor  
 PIETER DEVRIJER, Clinical Instructor (one year from July 1, 1959)<sup>4</sup>  
 ROBERT M. EDWARDS, Clinical Instructor  
 SYDNEY B. EISEN, Clinical Instructor (one year from July 1, 1959)<sup>4</sup>  
 LOWELL I. GOODMAN, Clinical Instructor  
 NAHMAN H. GREENBERG, Clinical Instructor (one year from July 1, 1959)  
 DAVID P. GROSS, Clinical Instructor  
 JAY G. HIRSCH, Clinical Instructor (one year from July 1, 1959)  
 MARCIA G. HUGHES, Clinical Instructor  
 CHARLES H. KRAMER, Clinical Instructor  
 BERNARD I. LIFSON, Clinical Instructor  
 EVAN G. MOORE, Clinical Instructor  
 FRANCES C. PERCE, Clinical Instructor of Psychology  
 SARAH H. PESKIND, Clinical Instructor of Psychology  
 BARBARA S. ROCAH, Clinical Instructor (one year from July 1, 1959)<sup>4</sup>  
 ARTHUR D. SABLE, Clinical Instructor  
 DONALD D. SCHWARTZ, Clinical Instructor (one year from July 1, 1959)<sup>4</sup>  
 MARVIN J. SCHWARZ, Clinical Instructor (one year from July 1, 1959)<sup>4</sup>  
 ARLENE J. SMITH, Clinical Instructor (one year from July 1, 1959)<sup>4</sup>  
 PAULINE D. STEPLETON, Clinical Instructor (one year from July 1, 1959)  
 MARIAN D. TOLPIN, Clinical Instructor  
 DONALD E. WATTS, Clinical Instructor  
 DAGA M. WIED, Clinical Instructor  
 CATHERINE R. WISE, Clinical Instructor  
 ARTHUR A. WOLOSIN, Clinical Instructor (nine months from July 1, 1959)  
 ROBERT I. YUFIT, Clinical Instructor of Psychology  
 MARJORIE C. BARNETT, Clinical Assistant (one year from October 1, 1959)<sup>4</sup>  
 GENE H. BOROWITZ, Assistant (one year from July 1, 1959)<sup>2</sup>  
 JOSE M. CASTILLO, Clinical Assistant (one year from July 1, 1959)<sup>3</sup>  
 ELAINE CHONG, Assistant (one year from July 1, 1959)<sup>2</sup>  
 JEANNE DULAS, Clinical Assistant (one year from July 1, 1959)<sup>2</sup>  
 SAIED S. FARAHMAND, Assistant in Psychology  
 EVA FISHELL, Research Assistant  
 MARCUS A. JACOBSON, Assistant (one year from July 1, 1959)<sup>2</sup>  
 LEO V. KEMPTON, Clinical Assistant (one year from July 1, 1959)<sup>3</sup>  
 MAQBUL A. MIAN, Clinical Assistant (one year from July 1, 1959)<sup>3</sup>  
 ARTHUR H. NORTON, Clinical Assistant (one year from July 1, 1959)<sup>4</sup>  
 ROBERT E. NYQUIST, Clinical Assistant (one year from July 1, 1959)<sup>4</sup>  
 WILLIAM J. PIEPER, Assistant (one year from July 1, 1959)<sup>2</sup>  
 WAGDI R. SALIB, Clinical Assistant (one year from July 1, 1959)<sup>4</sup>  
 MORTON S. TABIN, Clinical Assistant (one year from July 1, 1959)<sup>3</sup>  
 JOHN M. WHITMAN, Assistant (one year from July 1, 1959)<sup>2</sup>  
 ORESTE ZALIS, Assistant (one year from July 1, 1959)<sup>2</sup>  
 LOUISE T. ZAZOVE, Clinical Assistant (one year from July 1, 1959)<sup>4</sup>

#### Public Health

EDWARD A. PISZCZEK, Clinical Associate Professor  
 HERBERT K. ABRAMS, Clinical Assistant Professor  
 R. H. BOATMAN, Lecturer with rank of Assistant Professor  
 CLARENCE W. KLASSEN, Assistant Professor  
 HERBERT E. McDANIELS, Assistant Professor  
 KENNETH M. MORSE, Lecturer with rank of Assistant Professor  
 W. FRANKLIN DOVE, Research Associate

#### Radiology

FAY H. SQUIRE, Professor (Rush)  
 DAVID S. BEILIN, Clinical Associate Professor  
 RICHARD E. BUENGER, Associate Professor  
 JOHN W. CLARK, Associate Professor

FRANKLIN S. ALCORN, Assistant Professor  
 BENJAMIN D. BRAUN, Clinical Assistant Professor  
 FRANK R. HENDRICKSON, Assistant Professor  
 BILLY J. HILL, Assistant Professor  
 JULIUS HEYDEMANN, Clinical Assistant Professor  
 SAMUEL A. LEADER, Clinical Assistant Professor  
 NATHAN M. STARKMAN, Clinical Assistant Professor  
 AUDREY L. WILSON, Clinical Assistant Professor  
 MAURICE L. BOGDONOFF, Instructor  
 ALFRED J. BROOKS, Instructor<sup>1</sup>  
 GEORGE B. GREENFIELD, Instructor<sup>1</sup>  
 JOHN R. HARTMAN, Instructor<sup>2</sup>  
 JOHN C. BUSH, Assistant<sup>3</sup>  
 LEONID CALENOFF, Assistant<sup>2</sup>  
 CHARLES FRYE, Assistant<sup>2</sup>  
 JOHN S. LEARY, Assistant (on leave of absence for military service)<sup>2</sup>  
 ARTHUR R. MILLER, Assistant<sup>2</sup>  
 SHELDON H. MILLER, Assistant<sup>2</sup>

### Surgery

HILLIER L. BAKER, Clinical Professor (Rush), *Emeritus*  
 ARRIE BAMBERGER, Clinical Professor, *Emeritus*  
 VERNON C. DAVID, Professor (Rush), *Emeritus*  
 SELIM W. MCARTHUR, Clinical Professor, *Emeritus*  
 EDWIN M. MILLER, Clinical Professor (Rush), *Emeritus*  
 OSCAR E. NADEAU, Clinical Professor, *Emeritus*  
 EDWARD J. BEATTIE, JR., Professor  
 EGBERT H. FELL, Clinical Professor (Rush)  
 RICHARD K. GILCHRIST, Clinical Professor (Rush)  
 PAUL W. GREELEY, Clinical Professor  
 HILGER P. JENKINS, Clinical Professor  
 FRANCIS H. STRAUS, Clinical Professor (Rush)  
 WILLIAM H. HAZLETT, Clinical Associate Professor, *Emeritus*  
 FRANK J. JIRKA, Associate Professor, *Emeritus*  
 WILL F. LYON, Clinical Associate Professor, *Emeritus*  
 RUDOLPH J. E. ODEN, Associate Professor, *Emeritus*  
 CARL B. DAVIS, JR., Clinical Associate Professor  
 WILLIS G. DIFFENBAUGH, Clinical Associate Professor  
 ARTHUR E. DIGGS, Clinical Associate Professor (Rush)  
 WILLIAM S. DYE, JR., Clinical Associate Professor  
 EARL GARSIDE, Clinical Associate Professor  
 CHESTER C. GUY, Clinical Associate Professor  
 ROBERT J. JENSIK, Clinical Associate Professor  
 BURTON C. KILBOURNE, Clinical Associate Professor  
 JOHN D. KOUCKY, Clinical Associate Professor  
 HIRAM T. LANGSTON, Clinical Associate Professor  
 STANLEY E. LAWTON, Clinical Associate Professor (Rush)  
 FOSTER L. MCMILLAN, Clinical Associate Professor  
 CLARENCE W. MONROE, Clinical Associate Professor (Rush)  
 JOHN H. OLWIN, Clinical Associate Professor (Rush)  
 MORRIS L. PARKER, Clinical Associate Professor  
 LOUIS W. SCHULTZ, Clinical Associate Professor of Oral Surgery  
 LINDON SEED, Clinical Associate Professor  
 HARRY W. SOUTHWICK, Clinical Associate Professor  
 EVERETT L. STROHL, Clinical Associate Professor  
 FRANK V. THEIS, Clinical Associate Professor (Rush)  
 PHILIP THOREK, Clinical Associate Professor  
 CARL O. ALMQUIST, Clinical Assistant Professor  
 RAYMOND E. ANDERSON, Clinical Assistant Professor  
 SIDNEY BLACK, Clinical Assistant Professor  
 CHARLES D. BRANCH, Clinical Assistant Professor  
 C. DAVID BROWN, Clinical Assistant Professor  
 ROBERT G. CANHAM, Clinical Assistant Professor

JOSEPH P. CANNON, Clinical Assistant Professor  
JAMES H. CROSS, Clinical Assistant Professor  
WARD H. EASTMAN, Clinical Assistant Professor  
MELVIN I. GIBBEL, Clinical Assistant Professor  
RAYMOND GREEN, Clinical Assistant Professor  
RONALD G. HALEY, Clinical Assistant Professor  
RUSSELL C. HANSELMAN, Clinical Assistant Professor  
HARRY G. HARDT, Jr., Clinical Assistant Professor  
ROBERT A. HESS, Clinical Assistant Professor  
CARL IRENEUS, Jr., Clinical Assistant Professor  
JOHANNES L. KOPPEL, Assistant Professor  
KENNETH L. MATSON, Clinical Assistant Professor  
HAROLD I. MEYER, Clinical Assistant Professor  
GEORGE A. OLANDER, Clinical Assistant Professor  
JOHN R. ORNDORFF, Clinical Assistant Professor  
JOHN H. PRIBBLE, Clinical Assistant Professor  
WILLIAM L. RIKER, Clinical Assistant Professor  
HAROLD A. ROTH, Clinical Assistant Professor  
PHILIP SHAMBAUGH, Clinical Assistant Professor  
WILLIAM D. SHOREY, Clinical Assistant Professor  
ROBERT F. STOKES, Clinical Assistant Professor  
MILAN M. WASICK, Clinical Assistant Professor  
CARL Y. WERELIUS, Clinical Assistant Professor  
LEON J. WITKOWSKI, Clinical Associate  
WALTER L. BARKER, Instructor (one year from July 1, 1959)<sup>a</sup>  
WALD BURHANT, Instructor (one year from July 1, 1959)<sup>a</sup>  
MOHAMMAD A. CHEEMA, Instructor (one year from July 1, 1959)<sup>a</sup>  
NOBLE CORRELL, Clinical Instructor  
GILBERT W. DOUGLAS, Clinical Instructor  
L. PENFIELD FABER, Instructor (one year from July 1, 1959)<sup>a</sup>  
GLENN W. FISCUS, Instructor (one year from July 1, 1959)<sup>a</sup>  
JOHN W. FRISCH, Clinical Instructor  
HOWARD L. GORDON, Instructor (one year from July 1, 1959)<sup>a</sup>  
VERNON L. GUYNN, Clinical Instructor  
HOWARD M. HAMLIN, Clinical Instructor  
JAMES A. HUNTER, Clinical Instructor (fourteen months from July 1, 1959)  
VERNON Z. HUTCHINGS, Clinical Instructor  
HERBERT F. IKNAYAN, Instructor (one year from July 1, 1959)<sup>a</sup>  
ROBERT W. JAMIESON, Clinical Instructor  
JOHANNES M. L. JENSEN, Clinical Instructor  
FRANK R. JOHNSON, Clinical Instructor  
ANDREW KIRSTEINS, Clinical Instructor  
ALLAN M. LANSING, Instructor (one year from July 1, 1959)<sup>a</sup>  
WILLIAM E. LOOBY, Clinical Instructor  
CARL E. LORENTSON, Instructor (one year from July 1, 1959)<sup>a</sup>  
JOSEPH R. McANDREW, Clinical Instructor (fourteen months from July 1, 1959)  
NAEL MARTINI, Instructor (one year from July 1, 1959)<sup>a</sup>  
RICHARD H. MEYER, Instructor (one year from July 1, 1959)<sup>a</sup>  
FRANK J. MILLOY, Jr., Clinical Instructor  
CHARLES J. MOCK, Clinical Instructor  
VINCENT P. MUENSTER, Clinical Instructor (fourteen months from July 1, 1959)  
HASSAN NAJAFI, Instructor (one year from July 1, 1959)<sup>a</sup>  
STEVEN H. NYI, Clinical Instructor  
JOHN W. OTTEN, Clinical Instructor  
JOHN C. PARROTT, Instructor (one year from July 1, 1959)<sup>a</sup>  
GEORGE L. PASTNACK, Clinical Instructor  
EUDELL G. PAUL, Clinical Instructor  
HAROLD A. PAUL, Instructor (one year from July 1, 1959)<sup>a</sup>  
MARTIN PEPPER, Clinical Instructor  
RICHARD C. POWERS, Clinical Instructor  
MORRIS M. PROFFITT, Clinical Instructor  
ALFRED RASMUSSEN, Clinical Instructor  
HOWARD G. REISER, Clinical Instructor

OLIVER V. RENAUD, Clinical Instructor  
 DAVID F. RENDLEMAN, Instructor (one year from July 1, 1959)<sup>2</sup>  
 THOMAS SELLETT, Clinical Instructor  
 CARL K. SOLANDER, Clinical Instructor  
 HORACE E. STANSEL, Instructor (one year from July 1, 1959)<sup>2</sup>  
 FRANCIS W. STREHL, Clinical Instructor (fourteen months from July 1, 1959)  
 MILTON WEINBERG, JR., Clinical Instructor  
 ROBERT B. WHITE, Clinical Instructor  
 MICHAEL F. WITANOWSKI, Clinical Instructor  
 JOHN H. BANCROFT, Assistant (one year from July 1, 1959)<sup>2</sup>  
 DONALD M. BUCKNER, Assistant (one year from July 1, 1959)<sup>2</sup>  
 PETER BUINAUSKAS, Assistant (one year from July 1, 1959)<sup>2</sup>  
 JACKSON E. CAGLE, JR., Assistant (one year from July 1, 1959)<sup>2</sup>  
 ANDRES GABEL, Assistant (one year from July 1, 1959)<sup>2</sup>  
 GORDON H. GLASSFORD, Assistant (one year from July 1, 1959)<sup>2</sup>  
 KENNETH P. GROVES, Assistant (one year from July 1, 1959)<sup>2</sup>  
 JOSEPH F. HINKAMP, Clinical Assistant  
 LOREN J. HUMPHREY, Assistant (one year from July 1, 1959)<sup>2</sup>  
 FERNLY E. JOHNSON, Clinical Assistant  
 JOHN M. KENWELL, Assistant (one year from July 1, 1959)<sup>2</sup>  
 LEROY LONG, Assistant (one year from July 1, 1959)<sup>2</sup>  
 WILLIAM H. MARSHALL, Assistant (one year from July 1, 1959)<sup>2</sup>  
 JAMES H. MASON, Assistant (one year from July 1, 1959)<sup>2</sup>  
 RANDALL E. McNALLY, Assistant (one year from July 1, 1959)<sup>2</sup>  
 ALAIN P. MENGUY, Assistant (one year from July 1, 1959)<sup>2</sup>  
 SAMIR M. RAGHEB, Assistant (one year from July 1, 1959)<sup>2</sup>  
 STUART S. ROBERTS, Assistant (one year from July 1, 1959)<sup>2</sup>  
 RICHARD C. SCHULTZ, Clinical Assistant (fourteen months from July 1, 1959)  
 WENDELL H. SCHMIDTKE, Assistant (one year from July 1, 1959)<sup>2</sup>  
 E. WILSON STAUB, Assistant (one year from July 1, 1959)<sup>2</sup>  
 RICHARD A. TARIZZO, Assistant (one year from July 1, 1959)<sup>2</sup>  
 RICHARD S. WEBB, JR., Assistant (one year from July 1, 1959)<sup>2</sup>  
 ARTHUR R. WILLIAMSON, Assistant (one year from July 1, 1959)<sup>2</sup>

#### Division of Urology

NORRIS J. HECKEL, Clinical Professor (Rush)  
 EDWARD BUCKMAN, Clinical Associate Professor (Rush), *Emeritus*  
 THEOPHIL P. GRAUER, Clinical Associate Professor  
 JAMES W. MERRICKS, JR., Clinical Associate Professor (Rush)  
 GEORGE O. BAUMRUCKER, Clinical Assistant Professor  
 JOSEPH S. DRABANSKI, Clinical Assistant Professor  
 EDWIN C. GRAF, Clinical Assistant Professor  
 WILLARD C. MEYER, Clinical Assistant Professor  
 FRANK B. PAPIERNIAK, Clinical Assistant Professor  
 COLQUITT O. RITCH, Clinical Assistant Professor  
 FREDERICK W. SCHACHT, Clinical Assistant Professor  
 R. ROSS HAEGER, Clinical Associate  
 JAMES A. CALAMS, Clinical Instructor  
 DANIEL H. CALLAHAN, Clinical Instructor  
 THOMAS L. C. COTTRELL, Clinical Instructor  
 ENGIN DENIZ, Instructor (one year from July 1, 1959)<sup>2</sup>  
 RAYMOND C. FIRFER, Clinical Instructor  
 IBRAHIM T. SOZER, Instructor (one year from July 1, 1959)<sup>2</sup>  
 JAMES C. VALENTA, Clinical Instructor  
 GAMIL T. ARIDA, Assistant (one year from July 1, 1959)<sup>2</sup>  
 MALACHI J. FLANAGAN, Assistant (one year from July 1, 1959)<sup>2</sup>  
 PABLO M. GONZALEZ, Clinical Assistant  
 CHARLES F. MCKIEL, JR., Assistant (one year from July 1, 1959)<sup>2</sup>

#### Division of Anesthesiology

PAUL W. SEARLES, Clinical Professor  
 MARY M. LYONS, Clinical Associate Professor (Rush), *Emerita*  
 JOHN E. CAWLEY, Clinical Assistant Professor

MYRON J. LEVIN, Clinical Assistant Professor  
 JOSEPH E. REMLINGER, Clinical Assistant Professor  
 MILTON J. SCHIFFRIN, Clinical Assistant Professor  
 JOHN L. SCHMIDT, Clinical Assistant Professor  
 ARTHUR T. SHIMA, Clinical Assistant Professor  
 WILMA C. STAFFORD, Clinical Assistant Professor  
 DIGBY G. SEYMOUR, Clinical Associate  
 GWEN GLEAVE, Clinical Instructor  
 V. EILEEN HECKEL, Clinical Instructor  
 DAVID KATZ, Clinical Instructor  
 HERSHELL L. KEELING, Clinical Instructor  
 DAVID G. NELSON, Clinical Instructor  
 JOHN T. NELSON, Clinical Instructor  
 BRIGHT Y. ONODA, Clinical Instructor  
 STANKA K. PAPRIKOFF, Clinical Instructor  
 RAYMOND F. ROSE, Clinical Instructor  
 LESTER SCHWARTZ, Clinical Instructor  
 MAURICE M. TENNANT, Clinical Instructor  
 RASMA V. VITRINGS, Clinical Instructor  
 OLAF W. ALLISON, Assistant (one year from July 1, 1959)<sup>2</sup>  
 THOMAS L. ASHCRAFT, Assistant (one year from July 1, 1959)<sup>2</sup>  
 MASSOUD S. ASHRAFI, Assistant (one year from July 1, 1959)<sup>3</sup>  
 CARLETON E. DANGREMOND, Clinical Assistant  
 CONSTANCE DE PADUA, Assistant (one year from July 1, 1959)<sup>2</sup>  
 FLOYD N. HELLER, Assistant (one year from July 1, 1959)<sup>2</sup>  
 MARGARET N. KEZDI, Clinical Assistant  
 ABDUR R. KHAN, Assistant (one year from July 1, 1959)<sup>2</sup>  
 PERRY L. LERNER, Assistant (one year from July 1, 1959)<sup>2</sup>  
 NEONILA LYCHYK, Assistant (one year from July 1, 1959)<sup>4</sup>  
 JAMES E. MAHER, Assistant (one year from July 1, 1959)<sup>4</sup>  
 JESUS I. MATTOS, Assistant (one year from July 1, 1959)<sup>2</sup>  
 WILLIAM R. MELBY, Clinical Assistant  
 ROBERT F. MERRIMAN, Assistant (one year from July 1, 1959)<sup>2</sup>  
 ROBERT J. NELSON, Assistant (one year from July 1, 1959)<sup>3</sup>  
 WILLIAM C. ROBERTSON, Assistant<sup>2</sup>  
 RONALD ROSENBERG, Assistant (one year from July 1, 1959)<sup>2</sup>  
 MARCOS O. SANTANDER, Assistant (one year from July 1, 1959)<sup>3</sup>  
 VIVENTE B. SANTELICES, Assistant (one year from July 1, 1959)<sup>3</sup>  
 MORTON SHULMAN, Assistant (one year from July 1, 1959)<sup>2</sup>  
 JOHN J. STRAUB, Assistant (one year from July 1, 1959)<sup>2</sup>  
 AARON B. TORRES, Assistant (one year from July 1, 1959)<sup>4</sup>  
 HIDEO TSUJI, Assistant (one year from July 1, 1959)<sup>4</sup>

On motion of Mrs. Watkins, these appointments were approved.

#### APPOINTMENTS TO PROFESSIONAL ADVISORY COMMITTEE OF THE DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(5) The Division of Services for Crippled Children has a Professional Advisory Committee appointed by the Board of Trustees for a two-year period. The Vice-President in charge of the Chicago Professional Colleges and the Director of the Division of Services for Crippled Children recommend the following reappointments and new appointments for two years beginning July 1, 1959.

I concur.

FLOYD S. BARRINGER, M.D., Neurosurgeon, 704 North First Street, Springfield  
 RAY E. BROWN, Superintendent, University of Chicago Clinics, 950 East 59th  
 Street, Chicago 37  
 DONALD E. CASSELS, M.D., Pediatrician-Cardiac, University of Chicago Clinics,  
 950 East 59th Street, Chicago 37  
 EDWARD L. COMPERE, M.D., Orthopedist, 720 North Michigan Avenue, Chicago 11  
 HUGH E. COOPER, M.D., Orthopedist, 1101 Main Street, Peoria  
 B. F. DEWEL, D.D.S., Orthodontist, 708 Church Street, Evanston  
 A. R. EVELOFF, M.D., Pediatrician, 1025 South Seventh Street, Springfield  
 JAMES B. GILLESPIE, M.D., Pediatrician, Carle Hospital Clinic, Urbana  
 HAROLD L. HARRIS, M.D., Anesthesiologist, 1110 Dobson Street, Evanston



- C. HOWARD HATCHER, M.D., Orthopedist, University of Chicago Clinics, 950 East 59th Street, Chicago 37
- H. WORLEY KENDELL, M.D., Psychiatrist, Director of Education and Research, Institute of Physical Medicine and Rehabilitation, 619 North Glen Oak Avenue, Peoria
- MEYER A. PERLSTEIN, M.D., Pediatrician-Cerebral Palsy, 4743 North Drake Avenue, Chicago 25
- WILLIS J. POTTS, M.D., Surgeon, Surgeon-in-Chief, Children's Memorial Hospital, 707 Fullerton Avenue, Chicago 14
- EDWARD PRESS, M.D., Director, Evanston Health Department, 1806 Maple Avenue, Evanston
- DEAN W. ROBERTS, M.D., Executive Director, National Society for Crippled Children and Adults, Inc., 2023 West Ogden, Chicago 12
- WAYNE B. SLAUGHTER, M.D., Plastic Surgeon, 55 East Washington Street, Chicago 2
- GLENN TAYLOR, Ph.D., Illinois State Normal University, Special Education Building, Main and Dry Grove Streets, Normal
- HOMER WEIR, M.D., Pediatrician, 321 West State Street, Rockford
- HAROLD WESTLAKE, Ph.D., Head of Department of Speech Correction and Audiology, Northwestern University, Evanston
- W. M. YOUNGERMAN, M.D., Otologist, Christie Clinic, Champaign

On motion of Mrs. Watkins, these appointments were approved.

#### LEAVES OF ABSENCE FOR PROFESSORS ROBERT A. HEDGES AND DONALD R. HODGMAN

(6) Associate Professors Robert A. Hedges, Department of Finance, and Donald R. Hodgman, Department of Economics, have received fellowship appointments under a grant from the Ford Foundation for study at the Institute of Basic Mathematics for Application to Business at Harvard University during the academic year 1959-60 and the summer of 1960. The Ford Foundation fellowship stipend is equivalent to one-half the University salary for the academic year plus a stipend for the summer of 1960.

To enable them to carry out this program of study, which will be of benefit to the College of Commerce and Business Administration as well as to them, their University status has been changed to one-half time on one-half salary, and each has been given leave of absence on one-half time without pay.

Confirmation of these changes is requested.

On motion of Mr. Clement, these leaves were confirmed.

#### PRESIDENT'S TRAVEL TO INDIA

(7) I request permission to travel to India and Southeast Asia between the dates of December 26, 1959, and February 22, 1960, for an official visit to the points of University of Illinois activity in India and to make certain observations in this general area at the request of the Ford Foundation. The visit to the University of Illinois centers of activity in India will be under the auspices of the International Cooperation Administration of the federal government. There will be no travel expense to the University of Illinois.

From comments of the American Ambassador to India, the head of the Technical Cooperation Mission to India, the head of the International Cooperation Administration of the federal government, and from many visitors to India, both from the University of Illinois staff and other centers, it is clear that the work of the University of Illinois in India is of great importance. The sponsorship of a land-grant state university in Uttar Pradesh state, the consultative service provided to the institutions in the states of Uttar Pradesh and Madhya Pradesh, the training of participants for service in India and the assignment of American personnel to the institutions in this area, and the contract services to the Indian Institute of Technology at Kharagpur represent a major responsibility of the University of Illinois. These activities are all supported financially by the federal government.

The responsible officials of the federal government believe it is important for the Presidents of the institutions concerned to make first-hand observations of the problems faced by our staff, and to measure the progress being made. The

Ford Foundation has also emphasized the importance of our having first-hand knowledge of current economic, social, and political developments, as well as developments in the field of education, in the area of Southeast Asia as well as in India.

On the basis of these recommendations, I have made plans for the trip as indicated and request the approval of the Board of Trustees.

On motion of Mr. Johnston, the request of the President was approved.

#### REAPPROPRIATION OF UNEXPENDED BALANCES

(8) The Vice-President and Comptroller recommends that the following balances and overdrafts in budget appropriations and balances in appropriations for special services and projects not completed on June 30, 1959, be reappropriated for the fiscal year beginning July 1, 1959, in accordance with usual policy.

I concur.

#### *Urbana-Champaign*

General administration and expense.....	\$59 802	
Microfilming records.....	\$1 261	
National defense education act grants.....	6 100	
Special legal services.....	8 144	
Health service aid kits.....	1 000	
University film council.....	191	16 696 \$ 76 498
Agriculture.....		33 938
Commerce and Business Administration.....		16 297
Education.....	8 042	
University Council on Teacher Education, education conference.....	96	8 138
Engineering.....	4 643	
<i>Technograph</i> and open house.....	833	5 476
Fine and Applied Arts.....		1 801 <sup>1</sup>
Graduate College.....		16 091
Journalism and Communications.....		11 532
Law.....		716 <sup>1</sup>
Liberal Arts and Sciences.....		14 081 <sup>1</sup>
Physical Education.....		4 928
University Extension.....		10 838
Veterinary Medicine.....		5 810
Other schools and colleges.....		9 706
Library and Library School.....	848	
Sandburg library.....	8 604	9 452
Physical Plant		
Regular operation and maintenance.....	55 360	
Renewals and replacements.....	53 278	
Junior Academy of Science conference.....	1 236	
Traffic study.....	329	110 203
Unexpended plant		
Volo and Wauconda bogs, purchase.....	4 000	
Radio telescope, site improvements.....	11 000	
Accounting, special equipment.....	1 285	
Bursar, special equipment.....	4 345	
Admissions and Records, special equipment.....	588	
English Building, air conditioning.....	1 077	
Radio telescope, building plans and specifications.....	1 000	
Agriculture administration, special equipment.....	5 353	
Agronomy, storehouse remodeling.....	980	
Truck, purchase.....	1 141	
Horticulture, steam boilers.....	969	
Commerce and Business Administration, equipment and remodeling.....	1 590	
University High School, special equipment.....	160 <sup>1</sup>	

<sup>1</sup> Deduct.

Armory, alterations.....	\$	382	
Physics Research Laboratory, addition.....	15	583	
Service Building Annex, addition.....	9	238	
Engineering laboratories, air flow.....		383	
Civil Engineering, special equipment.....		197	
Nuclear Engineering, remodeling.....		45	
Mechanical Engineering, special equipment.....		6	
Mining Laboratory, improvements.....		315	
Mining and Metallurgical Engineering, special equipment..	2	088	
Theoretical and Applied Mechanics, equipment and remodeling.....	1	159	
Sixth Street Building, alterations and equipment.....	2	534	
Art, special equipment.....	2	816	
City Planning and Landscape Architecture, special equipment.....		121	
East Chemistry Building, remodeling for biochemistry.....	29	713	
English Building, remodeling.....		44	
Harker Hall, remodeling and equipment for room 311.....	2	643	
X-ray machine.....	8	700	
Illini Hall, improvements in room 331.....		303	
Vivarium Building, remodeling.....	1	334	
Bus, purchase.....	1	231	
Veterinary Medicine, special equipment.....	1	072	
Administration Building, remodeling.....	1	887	
Administration Building, air conditioning.....	2	351	
Administration Building, air conditioning room 356.....		911	
Art museum.....	75	987	
Auditorium, safety improvements.....	1	309	
Administrative office changes.....		384	
Mining and Metallurgical Engineering, laboratory remodeling.....	1	485	
Architectural studies for future buildings.....	134	281	
1205 West California Avenue, remodeling.....		750	
Digital Computer Laboratory.....	2	451	
Engineering Research Laboratory, 701 installation.....	5	007	
Electrical Engineering, bioacoustics laboratory.....	74	279	
Chemistry Annex, fire stairs.....		921	
601-611 East Green Street, leasehold improvements.....	1	969	
Huff Gymnasium, health and safety laboratory.....	11	634	
Library, lighting improvements.....	1	455	
Minor improvements.....		738	
Nursery relocation.....		525	
Parking facilities.....	5	727	
Remodeling and minor additions.....	12	180	
Smith Music Hall, library extension.....	1	077	
University Press Building.....	2	800	\$ 453 183
<i>Total, Urbana-Champaign.....</i>			<i>(755 492)<sup>1</sup></i>
<i>Chicago Professional Colleges</i>			
General administration and expense.....	6	095	
Vice-President, open house.....	\$	249	
Vice-President, purchase of film "Dedicated".....	1	320	1 569
Medicine.....			7 664
Dentistry.....			37 196
Pharmacy.....			8 649 <sup>1</sup>
Graduate College.....			6 101
Broadcasting.....			27 746
Division of Services for Crippled Children.....			1 491
Physical Education.....			567
Research and Educational Hospitals.....			913
Library.....			25 646
			4 092 <sup>1</sup>

<sup>1</sup> Deduct.

## Physical Plant

Regular operation and maintenance.....	\$33	701 <sup>1</sup>	
Renewals and replacements.....	9	832	
Medical Center Steam Plant.....	72	052	\$48 183
Unexpended plant			
Student Affairs, lounge furniture.....		225	
Vice-President's Office, furniture.....		511	
Medicine, special equipment.....	2	400	
Pharmacy, special equipment.....		56	
Pharmacy and Pharmacology, special equipment.....		979	
Pharmacognosy, special equipment.....		72	
Research and Educational Hospitals, heart pump.....	1	620	
Research and Educational Hospitals, patient inter- communication system.....		284	
Research and Educational Hospitals, furnish remodeled areas on third and fourth floors, East.....	1	500	
Radiology, special equipment.....		426	
Architectural studies for future buildings.....	38	870	
Anatomy, semipermanent remodeling.....	1	155	
Radiology, air conditioning.....	1	770	
Orthopaedic Surgery, installing cabinets.....	1	750	
Surgery, clinic remodeling.....	1	060	
Dentistry-Medicine-Pharmacy Building, air conditioning room 78.....	1	500	
Dentistry-Medicine-Pharmacy Building, remodeling room 219.....		930	
Research and Educational Hospitals, collection center remodeling.....	2	766	
Dentistry-Medicine-Pharmacy Building, remodeling room 509 for Anatomy.....	1	434	
Urology, clinic remodeling.....		575	
Research and Educational Hospitals, safety hoods for room 233.....		550	
Research and Educational Hospitals, security screens.....	3	680	64 113
<i>Total, Chicago Professional Colleges.....</i>			<i>(206 879)</i>

## Chicago Undergraduate Division

General administration and expense.....	3	661 <sup>1</sup>	
Unassigned reserve for nonrecurring items.....	\$2	591	
Office of the Dean, art gallery.....		496 <sup>1</sup>	
Office of the Dean, 1959 summer television.....	2	526 <sup>1</sup>	431 <sup>1</sup>
Liberal Arts and Sciences.....			1 313
Engineering.....			4 112 <sup>1</sup>
Graduate College.....			1 802
Commerce and Business Administration.....			563
Physical Education.....			25 <sup>1</sup>
Other schools and colleges.....			401 <sup>1</sup>
Library.....			96 <sup>1</sup>
Physical Plant			
Regular operation and maintenance.....	2	476	
Building rentals and insurance.....	2	028	4 504
Office of the Dean, special equipment.....		124	
Art gallery, remodeling.....		613	737
<i>Total, Chicago Undergraduate Division.....</i>			<i>(193)</i>
<i>Grand Total.....</i>			<i>\$962 564</i>

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

<sup>1</sup> Deduct.

**NONRECURRING APPROPRIATIONS**

(9) The Vice-President and Provost and the Vice-President and Comptroller recommend assignments of funds for

Construction of a television production room on the second floor of the English Building.....\$ 4 580 00  
Removal of dead elm trees..... 22 500 00  
Interior painting and wall washing..... 12 404 74

and that funds for the first item be assigned from the General Reserve Fund and the other two from balances in the Physical Plant Storeroom operations.

I concur, and also request approval of the following assignment from the General Reserve Fund which I authorized as an emergency action in order that the work could be completed during the summer:

Remodeling to provide a needed laboratory room at the Chicago Undergraduate Division .....\$ 5 900 00

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

**APPROPRIATION FOR IMPROVEMENTS IN THE ICE RINK**

(10) On July 29, 1958, the Board of Trustees approved recommendations of the Safety and Fire Prevention Committee for certain improvements in the Ice Rink, including replacement of the ammonia compressors and auxiliary equipment, and authorized the Athletic Association to make the improvements with the understanding that the University would reimburse the Association for the costs.

The project has been completed at a total cost of \$80,777.08.

I recommend an appropriation of this amount from the General Reserve Fund to reimburse the Athletic Association.

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

**ACQUISITION AND SALE OF FARM LANDS IN LA SALLE COUNTY**

(11) In 1955, Miss Laura M. Weber of LaGrange Park, Illinois, gave the University 640 acres of farm lands in La Salle County which are now designated by the University as Weber Farms No. 1 and No. 2, totaling 400 acres in Hope Township; Weber Farm No. 3, 80 acres in Richland Township about six miles from Farm No. 1; and Weber Farm No. 4, 160 acres in Waltham Township.

Two 80-acre parcels of land in an estate adjoining Farm No. 1 came on the market this summer and their availability was reported to the Board of Trustees on July 21. The Board authorized the purchase of one of these 80-acre tracts which were being sold at auction and the sale of Farm No. 3. Representatives of the College of Agriculture, the Chairman of the Board of Trustees Committee on Agriculture, and the Vice-President and Comptroller subsequently examined the two parcels of land and decided that the following described tract was the more desirable for purchase by the University:

East Half of the Southwest Quarter of Section 10 in Township 31 North, Range 1 East of the 3rd P.M., Hope Township, La Salle County, Illinois, being eighty (80) acres more or less.

The auction was held on July 30, 1959, and the above described tract was bid in by the University at a price of \$536 an acre, or a total of \$42,880. As required by the terms of the sale, 20 per cent of the purchase price, or \$8,576, was paid on the date of the sale and the Comptroller signed a contract with the Executor of the Estate agreeing to pay the balance of the purchase price upon delivery of a merchantable warranty deed and abstract of title. Funds for this land acquisition will be provided from the Endowment Pool Account pursuant to previous authorization by the Board. The necessary steps to dispose of Farm No. 3 in Richland

Township will be taken and sealed bids will be invited by advertisement and submitted to the Board for approval. When this farm is sold the proceeds will go into the Endowment Pool Account.

Confirmation of the actions of the Comptroller in making the down payment and signing a contract for the balance is requested. I also recommend that he be authorized to proceed with the sale of the Farm No. 3.

On motion of Mr. Hughes, these actions were confirmed, and authority for the sale of Farm No. 3 was given by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

The Board expressed its appreciation to Mr. Hughes for his services, as Chairman of the Committee on Agriculture, in this matter.

#### **CONTRACT FOR EXTENSION OF COMMUNICATION SYSTEM IN THE RESEARCH AND EDUCATIONAL HOSPITALS ADDITION**

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$2,973 to the Hyre Electric Company, Chicago, Illinois, the lowest bidder, for extension of the nurses' call system in the Research and Educational Hospitals addition. The work will consist of extension of the present call system to areas not now served.

Funds are available in an appropriation made by the Board of Trustees for remodeling at the Chicago Professional Colleges.

I concur.

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

#### **CONTRACT FOR AIR CONDITIONING IN DENTISTRY-MEDICINE-PHARMACY BUILDING**

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$2,600 to the Air Comfort Corporation, Chicago, Illinois, the lowest bidder, for installation of air-conditioning equipment in Room 78 in the first unit of the Dentistry-Medicine-Pharmacy Building. This room has no outside ventilation of any kind.

Funds are available in the Physical Plant Department budget to cover the cost of this work.

I concur.

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

#### **CONTRACT FOR ROOF REPAIRS ON THE EAST DENTISTRY-MEDICINE-PHARMACY BUILDING**

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$3,200 to Esko and Young, Inc., Chicago, Illinois, the lowest bidder, for roof repairs on the East Dentistry-Medicine-Pharmacy Building. This work is a part of a maintenance program.

Funds are available in the Physical Plant Department budget.

I concur.

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

### APPROPRIATION AND CONTRACTS FOR REMODELING OF BOILER PLANT IN HORTICULTURE FIELD LABORATORY

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for remodeling of the boiler plant in the Horticulture Field Laboratory, the award in each case being to the lowest bidder:

Heating—Ideal Heating Company, Chicago.....\$39 333 00  
Electrical work—Brunkow Electric Company, Champaign..... 1 100 00

The total cost of this remodeling project, including the above contracts, work to be done by the Physical Plant Department, and other expenditures, will be \$49,000, which is in line with the engineering estimates.

I recommend that an appropriation of \$49,000 be made from the General Reserve Fund for this necessary remodeling and that the contracts be awarded.

There is submitted herewith a supporting report from the Physical Plant Department including the schedule of all bids received and a copy is being filed with the Secretary for record.

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

### AWARD OF CONTRACTS FOR THE CONSTRUCTION OF PEABODY DRIVE RESIDENCE HALLS

(16) Bids have been received for the construction of the Peabody Drive Residence Halls, to consist of three housing units and a dining hall, for 1,494 undergraduate students in the southeast area of the former Parade Grounds. A report from the Director of the Physical Plant, including schedules of bids received and explanation of the alternates, is submitted herewith, and a copy is being filed with the Secretary of the Board for record.

Revenue bonds for the construction of this project were scheduled to be received on September 15, but because of the veto of the federal housing legislation, the bond sale must be postponed until September 29. The Board has previously authorized the Executive Committee to approve a loan agreement with the federal government and to sell the bonds for this project.

On recommendation of the Director of the Physical Plant, the Vice-President and Comptroller, and the President of the University, the Executive Committee approved awards of contracts to the following bidders, subject to the sale of bonds to finance the construction. The contract awards are to the lowest bidders on "Base Bid B" which is for the construction of the complete project, i.e., the three housing units and a dining hall building, and include certain specified alternates (alternates A, B, C, D, E, and H which are explained in the supporting statement from the Physical Plant Department referred to above) and provide that the mechanical contracts shall be assigned to the general contractor for direction and supervision.

General—Kuhne-Simmons Company, Inc., Champaign.....\$3 680 267  
Electrical—Knight Electrical Company, Inc., Evansville, Indiana..... 353 873  
Plumbing—R. Hays Company, Inc., Champaign..... 404 700  
Heating—Bellis and Miller, Inc., Champaign..... 605 621  
Ventilating—R. H. Bishop Company, Champaign..... 153 290  
Elevator—Trimon Elevator Company, Inc., Chicago..... 48 480  
*Total*.....\$5 246 231

In order that construction of two of the three housing buildings be completed by September, 1960, the Executive Committee also approved issuance of letters of intent to the above contractors, authorizing them to proceed with construction work at a cost not to exceed \$105,000, the funds to be advanced from accumulated reserves of the Housing Division. With the postponement of the bond sale, the contractors should be authorized to proceed with construction up to a cost of \$200,000 prior to October 31. Funds are available in Housing Division Reserves for these expenditures.

I recommend that:

The action of the Executive Committee in awarding the construction contracts as listed above be confirmed.

The assignment of \$200,000 as an advance from Housing Division Reserves to provide funds for the interim financing of construction until the proceeds of the sale of bonds are available be approved.

The Comptroller and the Secretary of the Board be authorized to execute the contracts and to assign all of the mechanical contracts to Kuhne-Simmons Company, Inc., the general contractor, for direction and supervision.

The Executive Committee be authorized to sell the bonds on which bids will now be received on September 29, 1959, to approve a loan agreement with the Housing and Home Finance Agency, and to take such other actions as may be necessary in connection with the financing of the construction of the Peabody Drive Residence Halls.

It is recommended that a meeting of the Finance Committee and of the Executive Committee be scheduled for September 29, 1959, to take action on the bids on the bond issue with the understanding that all other members of the Board of Trustees be invited to attend this meeting.

On motion of Mr. Swain, the action of the Executive Committee was confirmed; the recommended assignment of funds was approved; the Comptroller and the Secretary of the Board were authorized to execute the contracts and make assignments of contracts as recommended; and the Executive Committee was authorized to sell the bonds and to execute a loan agreement with the Housing and Home Finance Agency. This action was taken by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

#### **CHANGE IN CONTRACT FOR CONSTRUCTION OF UTILITIES DISTRIBUTION SYSTEM**

(17) On recommendation of the Director of the Physical Plant and the Vice-President and Comptroller, authorization has been given to an increase of \$8,158 in the contract with C. A. Petry and Sons, Inc. for the construction of a transformer room DC-2 in the Utilities Distribution System. This change is to provide for the reconstruction of a part of the transformer room of the electrical load center attached to the west side of Burrill Hall to offset ground water pressure by installation of sump and underfloor drain tile and other measures to prevent accumulation of water in the transformer room which would make the transformer useless. The load center will also serve the new Physics Building which is scheduled to go into operation at the beginning of the first semester of 1959-60.

In view of the time factor involved, emergency action was deemed necessary and immediate authorization of the change order was approved to avoid any delays in completion of the work prior to the opening of the academic year. Such emergency action is authorized under the Illinois Purchasing Act.

Funds are available in the state capital appropriations to the University for 1957-59.

Confirmation of this action is requested.

On motion of Mr. Harewood, this action was confirmed.

#### **ADDITION TO CONTRACT FOR CONSTRUCTION OF GRADUATE STUDENT RESIDENCE HALL**

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$2,624.20 in the contract with Felmley-Dickerson Company, Urbana, for construction of the Graduate Student Residence Hall. The contract provides for an average depth of 32 feet for foundation piles, with unit prices specified for variation in the length as ground conditions require. The change is for the extra cost for additional length of pile required and for addi-



tional piles put into the ground to accommodate the future addition to the building. Funds are available from the proceeds of the sale of bonds.

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

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

## PURCHASES

### Purchases Authorized

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

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
5,450 diploma covers for delivery during the period September, 1959, through June 30, 1960	Admissions and Records	E. A. Wright Co., Philadelphia, Pa.	\$8 447 50 f.o.b. Philadelphia, Pa.
22.52 tons diammonium phosphate 18.00 tons ammonium phosphate	Agricultural Economics	Tennessee Valley Authority, Knoxville, Tenn.	3 207 53 f.o.b. Sheffield, Ala.
One system for automatic radiation detecting and counting including a gas flow counter, lead shield, binary scaler, automatic sample changer, printing timer, Q gas and cylinder and dual (present and elapsed time) timer	Agronomy	Nuclear-Chicago Corp., Chicago	3 355 74 f.o.b. delivered
Production of five 35 mm. strip films for the simulation of symbolic radar displays	Aviation Psychology Laboratory	Wilding, Inc., Chicago	8 926 25 f.o.b. delivered
Laboratory furniture for Botany and Zoology instruction rooms in the Natural History Building	Botany and Zoology	Hunter Lumber Co., Urbana, for unfinished furniture Walrus Manufacturing Co., Decatur, for finished furniture	2 090 00 f.o.b. delivered 2 617 78 f.o.b. delivered
One X-ray generator and control 60 KVP-50 ma adaptable for X-ray spectrograph, complete with tubes, powder camera, film illuminator, film punch and cutter, track and bracket assembly, cable, hose, and fittings	Chemical Engineering	Phillips Electronics, Inc., Chicago	6 229 00 f.o.b. Mount Vernon, N.Y.
One Dage model 101AF television camera with turret, one each 1 in., 2 in., and 3 in. lenses Four 21 in. classroom receivers with stands Two electro-voice 647 microphones One pre-amplifier One tripod One dolly for camera	College of Education, Elementary Education Division	Dage Television Division, Thompson Ramo Wooldridge, Inc., Michigan City, Ind.	3 619 77 f.o.b. delivered
Four Collins type 51J-4 rank mounted receivers, range 0.5 to 30.5 Mc divided into 30 1-Mc bands, for AM, CW, and FSK reception	Electrical Engineering	Collins Radio Co., Cedar Rapids, Iowa	3 520 00 f.o.b. delivered
One No. 9209 IBM Universal card to paper tape converter	Graduate College	International Business Machines Corp., New York, N.Y.	5 800 00 f.o.b. Poughkeepsie, N.Y.
Language laboratory equipment including: One five-unit mass recording duplicator One distribution panel Eight distribution amplifying systems Five master console furniture One master phonograph 60 fold-a-booths 50 disc recorder-players, plus associated equipment of microphones, cables, etc., and installation	Language Laboratory	Magnetic Recording Industries, New York, N.Y.	25 643 75 f.o.b. installed
The Ewing C. Baskette private library collection of approximately 9,000 items, including books, pamphlets, periodicals, and manuscripts	Library	Mrs. E. C. Baskette, Springfield	9 000 00

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One spectrophotometer with wavelength range 1860 angstroms to 2.6 microns with modification for normal optical path for infrared use	Physics	Applied Physics Corp., Chicago	\$17 125 00 f.o.b. delivered
Fabrication of varian magnet turntable assembly	Physics	Burns Machine Co., Ottawa	3 937 50 f.o.b. delivered
7,200 plate, spot, pyrex glass, 3 depression, 22 mm. each, size 28 x 85 mm. with raised lip	Zoology	E. H. Sargent & Co., Chicago	5 400 00 f.o.b. delivered
Two magnasync series 916-C type 10 magnetic film recorders; one altec 350A power amplifier; one altec 604C loudspeaker; three telefunken KM-56 microphones; three hangers; four intercom head sets; and one magnetic head demagnetizer	University of Illinois Committee on School Mathematics	Behrend Cine Corp., Chicago	5 996 00 f.o.b. delivered
Ten microscopes, stereoscopic dissecting with illuminators	Zoology	Schaar & Co., Chicago	6 362 79 f.o.b. delivered
27 microscopes, student, monocular, 10 x and 43 x objectives with 10 x eyepiece, disc diaphragm, mirror and fork			
Less trade-in of two obsolete microscopes			
One recorder and three amplifiers to be used in the recording of blood pressure and heart sound	Medicine	Electronics for Medicine, Inc., White Plains, N.Y.	3 780 00 f.o.b. delivered
One amino acid analyzer	Medical Pharmacology	Spinco Division, Beckman Instrument, Inc., Stanford Industrial Park, Palo Alto, Calif.	12 700 00 f.o.b. Chicago
Syracuse china in American Santa Rosa Crimson Print pattern: 60 dozen coffee cups 48 dozen vegetable dishes 36 dozen bouillon cups 36 dozen saucers 24 dozen bread and butter plates 36 dozen salad plates 36 dozen luncheon plates, 9 in. 36 dozen dinner plates, 10 in.	Illini Union	E. A. Hinrichs & Co., Chicago	3 273 18 f.o.b. Urbana
64,300 (approximately) photographic prints, 2½ x 3½, to be developed from negatives for student identification for first semester, second semester, and summer session registration for the academic year 1959-60	Office of Security	Techniprint Film Laboratory, Champaign	2 539 85 f.o.b. delivered
82,000 sheets 25 ½ in. x 30 ½ in. index paper in various weights and colors	Office Supply Store	Chicago Paper Co., Chicago	3 210 60 f.o.b. delivered
Steel and glass partitions to be furnished and installed in 214 David Kinley Hall	Physical Plant	Virginia Metal Products, Inc., Chicago	4 130 00 f.o.b. delivered and installed

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>
Contract services, September 1, 1959, through June 30, 1960, for appraisal of farm real estate using soil auger to check soil types (work required in connection with project on "Guide Lines for Appraisal")	Agricultural Economics	Earl F. Crouse, Urbana	\$2 800 00 (estimate)
Furnish and install a continuous flow grain drier, 200 bushel per hour capacity	Animal Science	Aeroglide Corp., Raleigh, N.C.	7 395 00 f.o.b. delivered and installed

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
75,000 Smead No. T18 covers, white leatherine, ½ in. capacity	Extension Service in Agriculture and Home Economics	Crown Office Supply Co., Chicago	\$ 4 815 00 f.o.b. delivered
One light scattering photometer and accessories; one differential type refractometer	Chemistry and Chemical Engineering	Phoenix Precision Instrument Co., Philadelphia, Pa.	4 495 77 f.o.b. delivered
One lot laboratory glassware and assorted supplies	General Chemical Stores	Schaar & Co., Chicago	27 802 36 f.o.b. delivered
84 drums (54 gallons each) C. P. Acetone	General Chemical Stores	The R. J. Brown Co., Decatur	3 326 40 f.o.b. delivered
Ten cylinders and end plates to be machined from a high alumina and metalized	Coordinated Science Laboratory	Coors Porcelain Co., Chattanooga, Tenn.	3 310 00 f.o.b. Golden, Colo.
Two NJE Model No. SS-3600-D-299 power supplies, transistorized, solid state D.C., 40-60 V., 0-30 amperes	Digital Computer Laboratory	NJE Corp., c/o Ridgway Engineering, Inc., Chicago	4 200 00 f.o.b. delivered
73,000 (approximately) answer sheets of statewide testing program to be scored	Bureau of Educational Research	Measurement Research Center, Inc., Iowa City, Iowa	8 760 00 f.o.b. Iowa City, Iowa
One Tektronix type 551 dual beam oscilloscope	Electrical Engineering	Tektronix, Inc., Elmwood Park	2 933 49 f.o.b. delivered
Two type "L" plug-in preamplifiers			
One mobile support			
Two BE-510 bezels			
Two No. 121 preamplifiers			
An early and rare volume, the first book printed in England with Italic, Hebrew, and Arabic type	Library	C. A. Stonehill, Inc., New Haven, Conn.	2 800 00
A manuscript including a hitherto unknown and unpublished poem of Bede the Venerable, written in Anglo-Saxon minuscule in England during the late ninth or early tenth century, for scholarly research	Library	H. P. Kraus, New York, N.Y.	5 800 00
One cradled d.c. dynamometer rated 10 h.p. absorbing and 7 ½ h.p. motorizing complete with shunt, tachometer generator, and control unit	Mechanical Engineering	General Electric Co., Springfield	4 000 50 f.o.b. factory, freight prepaid
Engineering and materials to design and construct auxiliary equipment to convert Remington Rand Synchrotape typewriter to print music and prepare teletype tape from typewritten music	Music	Music Print Corp., Denver, Colo.	2 500 00 f.o.b. delivered
One testing machine, 10,000 lb. capacity, tension load range 2 grams to 10,000 pounds full scale, 13 constant crosshead speeds, recorder with one second response and eight chart speeds, five tension cells, eight sets grips and jaw faces, and accessories	Physics	Instron Engineering Corp., Canton, Mass.	12 540 00 f.o.b. destination
One Picker No. 6021 type 50 KVP industrial X-ray unit with type OEG 50-T tube, 8 ft. cable, waterhose, and connectors	Physics	Picker X-Ray Corp., Chicago	3 317 00 f.o.b. delivered
One choke oil (current limiting reactor)	Physics	Nothelfer Winding Laboratories, Inc., Trenton, N.J.	9 700 00 f.o.b. delivered
One spectrophotometer, recording, infrared type, complete with accessories for operation	Radiocarbon Laboratory	The Perkin-Elmer Corp., Chicago	4 890 00 f.o.b. delivered
One automatic camera microscope and accessories	Surgery	W. H. Kessel & Co., Chicago	4 997 70 f.o.b. delivered
One automatic super-speed refrigerated centrifuge and accessories	Medicine	Ivan Sorvall, Inc., Norwalk, Conn.	3 150 00 f.o.b. Norwalk, Conn.
100,000 mysoline tablets	Hospital Pharmacy	Ayerst Laboratories, Chicago	2 658 00 f.o.b. delivered

Item	Department	Vendor	Cost
Two surgical operating tables	Research and Educational Hospitals	American Sterilizer Co., Chicago	\$ 5 522 00 f.o.b. delivered
Printing and binding 1,500 copies of <i>The Mind and Spirit of John Peter Aligeld</i> , by Henry M. Christman, approximately 179 pages per copy	University Press	Pantagraph Printing & Stationery Co., Bloomington	2 500 49 f.o.b. delivered
49 16 mm. films, titles as listed	Audio-Visual Aids Service	International Film Bureau, Inc., Chicago	5 005 00 f.o.b. destination
54 16 mm. films, titles as listed	Audio-Visual Aids Service	McGraw-Hill Book Co., Inc., New York, N.Y.	5 209 50 f.o.b. Urbana
30 dozen baking pans	Housing Division, Residence Halls Food Services	Morton Selz, Inc., Chicago	23 050 87 f.o.b. delivered
72 dozen pie pans			
175 dozen bun pans			
32 dozen cake pans			
32 dozen angel cake pans			
290 tote boxes			
62 dollies			
20 dozen cup cake pans			
Miscellaneous pans, knives, measuring cups, stock pots, strainers, etc.			
Fire and extended coverage insurance subject to 80 per cent coinsurance on a five-year cash basis covering the Orchard Place Apartments at an insurable value of \$690,000 and their contents at an insurable value of \$90,000 with total estimated premium of \$9,345.23	Housing Division	Dennis Brya, Champaign, representing the Employers Mutual Casualty Co. \$172,500 Building 22,500 Contents Ted McClurg, Champaign, representing the Allstate Insurance Co. \$517,500 Building 67,500 Contents	2 341 61 357 57 5 703 75 942 30
28 captains chairs, 70 mates chairs; these chairs are to replace chairs now in use in the Illini Union Building	Illini Union	Universal Equipment Co., Batesville, Ind.	4 005 68 Urbana
50 steel single pedestal desks, 60 x 30	Office Supply Store	Weber, Hilmer & Johnson, Chicago	16 755 21 f.o.b. delivered
30 steel single pedestal desks, 45 x 30			
10 letter size files, five drawer			
110 letter size files, four drawer			
5 legal size files, four drawer			
1,150 reams grade "A" English finish book paper in sizes and weights as specified	Office Supply Store	Marquette Paper Corp., Chicago	9 828 00 f.o.b. delivered
8,400 reams No. 1 white sulphite offset paper in various sizes and weights	Office Supply Store	Bradner Smith & Co., Chicago	11 330 10 f.o.b. delivered
300,000 No. 10 — 20 lb. giant Kraft envelopes	Office Supply Store	Heco Envelope Co., Chicago	4 166 00 f.o.b. delivered
150,000 No. 6½ — 20 lb. giant Kraft envelopes			
50,000 No. 9 — 28 lb. white wove envelopes			
750,000 No. 10 — 28 lb. white wove envelopes			
100,000 No. 6½ — 28 lb. white wove envelopes			
175 cases napkins, 12 x 13	Office Supply Store	O K Papers, Inc., Chicago	4 249 78 f.o.b. delivered
125 cases napkins, 12 x 16½			
25 cases cups, paper, cold drink, 5 oz.			
100,000 gallons (approximately) No. 5 fuel oil to be delivered to the University of Illinois Airport during the period of October 1, 1959, through June 30, 1961; price is subject to increase or decrease according to local market price	Institute of Aviation	Stewart Oil Co., Champaign	8 750 00 f.o.b. delivered
One turret ladder for truck mounting with maximum working height of 40 feet, all movements to be hydraulically operated by power take-off on truck	Physical Plant	Holan Corp., Cleveland, Ohio	2 810 57 f.o.b. delivered
One tractor, lawn mowing type, complete with hydraulic system, five-gang mower, and snow plow to replace similar equipment purchased in 1952; the new five-gang mower is to have a mowing unit to precede the front wheels	Physical Plant	H. A. Kuhle Co., Decatur	5 738 77 f.o.b. Urbana

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Builder's risk insurance under a completed value form on an estimated \$5,220,000 insurable cost of construction, for the Men's Residence Halls, Southeast Parade Ground area (SM-3). Insurable cost of three dormitories is estimated at \$3,750,000; insurable cost of the Food Service Building is \$1,470,000. Insurance is to be carried for an estimated two years during the course of construction, with total premiums estimated at \$9,284.78, of which \$4,642.39 will be payable the first year	Physical Plant	Three dormitories:	
		Noonan Agency, Champaign, representing the Employers Mutual Casualty Co.	
		\$937,500 (25 per cent)	\$1 593 76
		H. R. Bresee & Co., Champaign, representing the Freeport Insurance Co.	
		\$2,812,500 (75 per cent)	4 702 50
		Food Service Building:	
		Noonan Agency, Champaign, representing the Employers Mutual Casualty Co.	
		\$367,500 (25 per cent)	757 06
		Dickler Insurance Agency, Dwight, representing the Freeport Insurance Co.	
		\$1,102,500 (75 per cent)	2 231 46
		Total	(9 284 78)

### Laundry Service and Protective Clothing Rental Service

On May 16, 1959, the Board of Trustees authorized, as purchase recommendations, contracts with Midstate Linen Supply, Inc., Urbana, Illinois, the lowest bidder for laundry service for departments at Urbana for the period July 1, 1959, through June 30, 1961, \$92,442.96, and for protective clothing rental service (coats, aprons, and other garments) for the Illini Union, Residence Halls, and Home Economics Cafeteria, for the period July 1, 1959, through June 30, 1961, \$35,140.00.

Midstate Linen Supply, Inc., a corporation, is being dissolved and has sold its rental business and name to F. W. Means and Company, Chicago, which will conduct a rental business known as Midstate Linen Supply. The laundry portion of the business has been sold to H. Paul Lincicome, a one-third owner of the present corporation, who will do business as Paul's Laundry Company. Midstate Linen Supply, Inc., has assigned, with no changes in terms or conditions, the laundry contract to Paul's Laundry Company and the rental contract to F. W. Means and Company. The latter also owns the Champaign Clean Towel Service, a firm presently providing the University satisfactory rental service on certain other items. Mr. Lincicome has served as President and Manager of Midstate Linen Supply, Inc., for a number of years. The University's business dealings with both the Champaign Clean Towel Service, and with H. Paul Lincicome as an individual, have been very satisfactory.

It is recommended that the University accept these assignments and that the Comptroller and the Secretary of the Board be authorized to execute consents thereto.

On motion of Mr. Johnston, these purchases and acceptance of the assignments of the laundry service and clothing rental contracts were authorized.

### COMPTROLLER'S REPORT OF CONTRACTS

(20) The Comptroller's report of contracts executed during the period July 1, 1959, to August 31, 1959.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
The Griffin Wheel Co.	Improvement of cast steel railway car wheels	\$24 167 00	July 23, 1959
Hilton Hotels Corp.	Rental of certain facilities and areas at Navy Pier	2 805 00	June 30, 1959
National Aeronautics and Space Administration	Flow mechanism and heat transfer in separated flows	23 057 00	June 10, 1959
National Roofing Contractors Association	Roofing and related elements of roof structures	15 000 00	September 1, 1959
Portland Cement Association	Strength and deformation characteristics of reinforced concrete beam-column connections	12 000 00	July 27, 1959

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
State of Illinois Department of Public Welfare Project No. 1748	Indices and norma, quantifying conflict and adjustment levels in children based on objective motivation measures	\$42 463 00	July 20, 1959
State of Illinois Division of Highways Project No. IHR-64	Welded highway structures	15 000 00	July 1, 1959
State of Illinois Division of Highways Project No. IHR-65	Interrelated highway and agricultural drainage laws and engineering practices	11 000 00	July 1, 1959
State of Illinois Division of Highways Project No. IHR-66	Study of woody ground covers to control soil erosion	13 000 00	July 1, 1959
State of Illinois Division of Highways Project No. IHR-67	Study of grass covers to minimize soil erosion	8 500 00	July 1, 1959
State of Illinois Division of Highways Project No. IHR-68	Provide guide lines for appraisers in estimating values of property taken for highway purposes	20 000 00	July 1, 1959
State of Illinois Division of Highways Project No. IHR-69	Study of traffic linkage relationships that exist between communities in a geographic region	10 500 00	July 1, 1959
State of Illinois Division of Highways Project No. IHR-70	Social factors associated with traffic generation in a metropolitan area of 75,000 population	7 000 00	July 1, 1959
State of Illinois Division of Highways Project No. IHR-71	Study effect of major street and highway traffic on urban property values	18 200 00	July 1, 1959
State of Illinois Division of Highways Project No. IHR-72	Feasibility of using a short time sonic test to develop a procedure for predicting the creep in concrete	16 000 00	July 1, 1959
State of Illinois Division of Highways Project No. IHR-73	Study of fatigue damage in concrete	8 500 00	July 1, 1959
State of Illinois State Housing Board	Planning programs for Illinois municipalities	5 000 00	May 6, 1959
United States Air Force AF 01(611)-650	Flight instruction	12 035 88	July 1, 1959
United States Air Force AF 19(604)-5565	Processes in the ionosphere by means of gyro interaction experiments carried out with rockets	40 696 00	June 1, 1959
United States Air Force AF 33(616)-6643	Nonlinear vibration isolation systems	21 489 00	June 16, 1959
United States Air Force AF 41(657)-279	Relationship of Air Force tests to technical high school performance	17 254 00	June 15, 1959
United States Air Force AF 49(638)-672	Internal friction techniques in the study of diffusion and phase changes in metals	38 574 00	April 29, 1959
United States Army DA-11-022-ORD-3134	Superconductive metals	34 752 00	June 18, 1959
United States Army DA-36-039 SC-84525	Direction finder system for the MF-HF-VHF ranger	125 368 00	June 26, 1959
United States Department of Health, Education, and Welfare, Office of Education SAE 8310	Counseling and guidance training institute	38 788 00	February 27, 1959
United States Department of Health, Education, and Welfare, Office of Education SAE 8367	Effects on use of tests by teachers trained in a summer institute	30 828 00	July 15, 1959
United States Department of Health, Education, and Welfare, Office of Education SAE 8370	Principles for programming learning materials in self-instructional devices for mentally retarded children	41 790 00	July 15, 1959
United States Department of Health, Education, and Welfare, Office of Education SAE 8383	Prediction and understanding of the effect of children's interests on school performance	39 213 00	July 31, 1959

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Navy N228-34217	Academic instruction	\$ 3 850 00	July 1, 1959
United States Navy Nonr-2947	Relation between low cycle fatigue, creep, fracture toughness, and slow crack extension leading to unstable fracture in steels	20 000 00	June 15, 1959
United States of America International Cooperation Administration ICAC-1100	Future development of the university in relation to the social and economic needs of Afghanistan	50 000 00	May 13, 1959

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
State's Attorney of Champaign County	Services rendered in lieu of taxes	\$ 5 913 98	July 2, 1959
State's Attorney of Champaign County	Services rendered in lieu of taxes	29 105 28	July 9, 1959
State's Attorney of La Salle County	Services rendered in lieu of taxes (Weber farms)	3 512 32	July 14, 1959
State's Attorney of Moultrie County	Services rendered in lieu of taxes (Hackett farm)	756 12	June 30, 1959
State's Attorney of Piatt County	Services rendered in lieu of taxes (Allerton and Warren farms)	11 450 91	June 23, 1959

## Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Donald E. Ditzler	Lease of second floor apartment of the Burt House at the U. of I. Airport	\$ 960 00 (July 1, 1959, to June 30, 1960)	July 1, 1959
Melvin Greathouse	Lease of the house, house yard, and orchard on the Weber farms in La Salle County	680 00 (July 1, 1959, to July 1, 1961)	June 1, 1959
The National Council of Teachers of English	Lease of south half of the first floor at 704 South Sixth Street	1 800 00 (July 1, 1959, to June 30, 1960)	July 1, 1959
Louis V. Xhignesse	Lease of first floor apartment of the Burt House at the U. of I. Airport	1 020 00 (September 1, 1959, to August 31, 1960)	September 1, 1959

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
John Deere Co. (rental of farm machinery)	Two items: \$48.57 to \$245.06	\$ 293 63 annually	June, 1959
Eversman Manufacturing Co.	One model 2-SD Eversman scraper, with attachments	113 50 annually	July 27, 1959
Home Savings and Loan Association	Rental of 400 South Grand Avenue West, Springfield, from July 1, 1959, to June 30, 1961	1 440 00 (\$60.00 per month)	July 1, 1959
International Harvester Co. (rental of farm machinery)	Twenty-nine items: \$4.61 to \$919.31	7 475 38 annually	June and July, 1959
Minneapolis Moline Co.	One Minneapolis Moline model No. 206 H-4B power and centrifugal irrigation pump with attachments	176 95 annually	July 20, 1959
Missouri Avenue Realty Co.	Rental of premises at 338 Missouri Avenue, East St. Louis, Illinois, from July 1, 1959, to June 30, 1961	948 00 (\$39.50 per month)	July 1, 1959
The Papec Machine Co.	One No. 92 Papec forage harvester; one No. 40 blower base with standard equipment	371 70 annually	June 23, 1959
University of Illinois Foundation	Rental of a portion of the premises at 704 South Sixth Street, Champaign, from July 1, 1959, to June 30, 1961	17 000 00 (\$708.33 per month)	July 1, 1959

**Contract Changes**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Commercial Solvents Corp.	Vitamins and growth factors in swine nutrition	\$ 3 000 00	June 23, 1959
Grace Chemical Co.	Non-protein nitrogen in sheep nutrition	2 500 00	March 31, 1959
Institute of Boiler and Radiator Manufacturers	Performance of steam and hot water heating systems and related equipment	35 200 00	June 30, 1959
Sandia Corp.	Achieving an improvement in present knowledge of strong shock interactions	17 800 00	July 22, 1959
State of Illinois Department of Public Welfare Project No. 1726	Child behavior and parent-child interaction patterns	2 700 00	July 15, 1959
State of Illinois Division of Highways Project No. IHR-2	Highway problems	14 500 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-5	Riveted and bolted structural joints	10 000 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-9	Impact on highway bridges	24 000 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-10	Prestressed reinforced concrete highway bridges	29 500 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-12	Soil exploration and mapping	29 000 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-23	Determination of waterway areas	11 900 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-46	Soil aggregate mixtures for highway pavement	25 000 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-47	Use of admixtures for chemical stabilization of natural soils for road building	15 000 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-53	Vehicular speed regulation	24 500 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-58	Equipment for the establishment and maintenance of roadside cover	18 500 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-59	Widths and cross sections for medians of divided highways	12 500 00	July 14, 1959
Texaco, Inc.	Methods and machines for more efficient application of anhydrous ammonia, aqua ammonia, and slurries of dry and liquid nutrients	3 500 00	June 15, 1959
United States Air Force AF 19(604)-2152	Gaseous electronics	90 040 00	June 17, 1959
United States Air Force AF 33(616)-6079	Antenna research	119 950 00	July 20, 1959
United States Air Force AF 41(657)-279	Relationship of Air Force tests to technical high school performance	7 754 00	July 14, 1959
United States Army DA-22-079-ENG-238	Dynamic bearing capacity of soils	6 000 00	June 16, 1959
United States Army DA-49-007-MD-562	Experimental investigations in medicine	13 174 00	June 30, 1959
United States Atomic Energy Commission AT(11-1)-67 Project No. 5	Atomic energy research and development	36 600 00	August 19, 1959
United States Atomic Energy Commission AT(11-1)-67 Project No. 15	Diffusionless phase changes in non-ferrous metals and alloys	73 000 00	June 11, 1959, and August 14, 1959
United States Atomic Energy Commission AT(11-1)-67 Project No. 20	Fatigue behavior of dilute nitrogen	21 249 00	June 11, 1959



<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
United States Atomic Energy Commission AT(11-1)-314	Synthesis of boron-containing dyes suitable for use in invivo experiments on mice with glio brain tumors	\$ 4 164 00	June 11, 1959
United States Atomic Energy Commission AT(11-1)-663	Develop and manufacture detection and measuring equipment for the two millimeters wave-length	77 000 00	June 29, 1959
United States Department of Health, Education, and Welfare, Office of Education SAE-8310	Counseling and guidance training institute	172 00	June 8, 1959
United States Department of Health, Education, and Welfare, Office of Education SAPH 67815	Polio surveillance	6 000 00	June 12, 1959
United States Navy Nonr-1834(22)	Radio astronomy	100 000 00	March 1, 1959
United States Navy Nobs-77008(1716)	Low-stress fatigue behavior of materials and structural components of steels typical of ship application	30 000 00	August 10, 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)	Eleven items: \$32 to \$1,806	\$ 4 026 00	July and August, 1959

This report was received for record.

#### QUARTERLY REPORT OF THE COMPTROLLER

(21) The Comptroller presents his quarterly report to the Board as of June 30, 1959. This report was received for record.

#### REORGANIZATION OF THE CHICAGO ILLINI UNION BOARD

(22) The Director of the Chicago Illini Union, the Associate Director of the Physical Plant, and the Dean of Student Affairs for the Chicago Professional Colleges, recommend a reorganization and clarification of the functions of the Chicago Illini Union Board to enable it to serve effectively in support of the requirements of the Chicago Professional Colleges.

It is proposed that the Chicago Illini Union Board be organized and changed as follows:

##### I. Membership (fourteen at present)

##### 1. Student Members

- a. One student elected by the student council of each college or school identified with the Chicago Professional Colleges (at present, the Colleges of Dentistry, Medicine, Nursing, Pharmacy, and the Graduate College).
- b. One student member, representative of Chicago Illini Union Board committees, appointed by the Director of the Union on the recommendation of the Social Director.

##### 2. Faculty Members

One faculty member from each college or school appointed by the Vice-President in charge of the Chicago Professional Colleges.

##### 3. Ex-officio Members

The Director, the Social Director of the Chicago Illini Union, and the Chairman of the Chicago Professional Colleges Senate Committee on Student Affairs.

##### 4. Terms of Office

Membership on the Chicago Illini Union Board shall be for a twelve-month period from July 1 of each year.

To be eligible for election and to hold office, student members must be and remain in good standing in the University. Student members may be re-elected once.

## II. Organization and Functions

1. The officers of the Chicago Illini Union Board shall consist of a faculty member as Chairman, a student member as President, each elected by the members of the Board. The Social Director of the Union shall serve as Secretary of the Board. The Chairman will serve as the presiding officer and spokesman of the Board. In the absence of the Chairman, the President shall be the presiding officer.
2. Meetings of the Board shall be held at least once each quarter of the academic year. Additional meetings may be scheduled as required on call of the Chairman.
3. It will be the responsibility of the Chicago Illini Union Board to serve in an advisory capacity to the Director of the Union in relation to planning for effective social, cultural, and recreational programs for individual students, recognized student groups, and other personnel of the Chicago Professional Colleges.
4. The Chicago Illini Union Board may establish committees to assist in carrying out specific phases of its responsibilities. Each committee established to aid in the development of general student programs within the Union building shall consist of at least five students representing recognized and approved student organizations. The Social Director of the Union shall be an *ex officio* member of each committee established for general student programs. Members of committees shall be appointed by the Chairman of the Board who will be guided in the selection of student members by recommendations of the Social Director of the Union.

Appointment of a Chicago Illini Union Board, as proposed above, is intended to strengthen the relationships of faculty and students and to assist in developing an appropriate environment for student life and activities. It does not change the present responsibility of (1) the Associate Director of the Physical Plant at the Chicago Professional Colleges for the operation and management of the Chicago Illini Union building or (2) the Dean of Student Affairs for the social, cultural, and recreational programs for students within the building. The Director of the Chicago Illini Union serves as the executive agent of the Associate Director of the Physical Plant and the Dean of Student Affairs in relation to management and operating responsibilities.

The Dean of Students, the Director of the Illini Union at Urbana, and the Director of the Physical Plant have been consulted, and their suggestions have been incorporated in this proposed reorganization. The Vice-President in charge of the Chicago Professional Colleges concurs in the recommendations.

I recommend approval of this reorganization to replace the original plan of organization of the Chicago Illini Union approved by the Board of Trustees on July 22, 1941, and as printed on pages 398 to 401 of the minutes of that meeting; and that the President of the University be authorized to approve such changes as may be found necessary from time to time in the light of experience with this new organization.

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

### ACCEPTANCE OF VIDEOTAPE RECORDER AND APPROPRIATION FOR INSTALLATION AND ACQUISITION OF EQUIPMENT FOR VIDEOTAPE RECORDER

(23) The National Educational Television and Radio Center has offered the University a videotape recorder, valued at \$53,000, and a supply of tape, valued at \$10,000, for use by Station WILL-TV. In accepting this offer, the University must agree to pay for installing the recorder and to purchase certain accessories and technical equipment. This is estimated to cost \$11,000. In addition, the University must agree to maintain the equipment in good repair and working order and to carry such insurance on it as is customarily carried by broadcasting stations. Title to the recorder would remain in the National Educational Television and Radio Center for five years after which title would be transferred to the University.

I recommend acceptance of this offer, under the conditions indicated, and that an appropriation of \$11,000 be made from the General Reserve Fund to meet the University's share of the costs.

On motion of Mr. Swain, acceptance of this equipment was authorized under the conditions stated, and the recommended assignment of funds was made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

#### SALE OF SECURITIES

The Finance Committee requests adoption of the following resolution authorizing the sale of securities which the Committee has approved.

##### Resolution

WHEREAS, The Board of Trustees of the University of Illinois is the owner of 600 shares of Armstrong Cork Company common stock, and

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

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

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

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

President Williamson announced that the annual meeting of this Association will be held at Oklahoma State University, Stillwater, Oklahoma, October 14 to 17, 1959. Mrs. Frances B. Watkins has represented the Board of Trustees of the University of Illinois at some of the previous meetings and has been designated as a delegate this year. If any of the other members of the Board desire to attend, the Secretary will arrange for their representation.

##### ADDRESS BY DR. DONALD J. CASELEY

At this point, President Henry presented Dr. Donald J. Caseley, Medical Director of the Research and Educational Hospitals, who addressed the Board on the operations of these Hospitals and discussed the expansion of services.

##### NOVEMBER AND DECEMBER BOARD MEETINGS

On motion of Mrs. Watkins, the Board voted to hold its November meeting on Wednesday, November 18, in Chicago, at the Chicago Undergraduate Division.

On motion of Mrs. Watkins, the Board voted to hold its December meeting in Chicago, at the First National Bank of Chicago, on Wednesday, December 16, 1959.

##### EXECUTIVE SESSION

At this point, on request of Mr. Clement, an executive session was ordered for consideration of the following item of business:

##### RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE

(24) 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.

Unstable free radical of adrenalin — Dr. L. G. Abood, Associate Professor of Neurophysiology and Biological Chemistry, inventor. The inventor describes this

invention as an unstable free radical obtained from the oxidation of 1-adrenalin. The compound appears as a powerful inhibitor of many enzyme systems involved in electron transport. It has no immediate therapeutic application; but since it is so highly toxic, it probably should not be used in human studies. Dr. Francis J. Gerty, Head of the Department of Psychiatry, recommends that this invention be released to the inventor, and it is his opinion that it has very little possibility of commercial value.

After study, the members of the Patent Committee available on the campus concurred with the opinion of Dr. Gerty and voted to recommend to the Board of Trustees that this invention be released to the inventor with the following conditions: (1) If the inventor does not apply for a patent, he will agree to release all his rights to the Office of Naval Research, the sponsoring agency under which this development was made. (2) If he does apply for and receive a patent, he will recognize the obligations of the University to the Office of Naval Research. I concur in this recommendation.

Mr. Clement, for the Committee on Patents, reported that the Committee has approved the foregoing recommendation, and on his motion, the same was approved.

### SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) cancellations, declinations, and resignations; (4) leaves of absence; (5) cancellation of leaves of absence; (6) retirements.

#### 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.)

ADAMS, MARY J. N., Research Assistant in Microbiology, August 16-31, 1959, \$420 a month (8-15-59), and Instructor in Microbiology, September 16, 1959-January 31, 1960, \$3000, supersedes (8-7-59).

ADAMS, MRS. RUBY L., Assistant in Home Economics (C and S), one year from September 1, 1959, \$5100 (8-13-59).

ADELSPERGER, ROBERT J., Assistant Serials and Acquisitions Librarian, with rank of Instructor, in the Library (Chicago Undergraduate Division), one year from September 1, 1959, \$5800 (7-15-59).

ALLEN, CHARLES M., Acting Dean of the College of Education, September 1, 1959, and continuing until further notice, annual salary at the rate of \$1,000; this is in addition to his present appointment as Professor of Education, Associate Dean of the College of Education, and University Council on Teacher Education Coordinator (8-7-59).

ALPERT, NORMAN R., Associate Professor of Physiology and Coordinator of Medical Education for National Defense (Medicine), two months from July 1, 1959, \$1,006 a month; this is in addition to his present appointment (7-24-59).

ANDERSEN, BURTON R., Research Assistant in Medicine (Medicine), one year from July 1, 1959, \$4400 (7-13-59).

ANDREWS, CHARLES B., Instructor in Orthopaedics, Department of Orthopaedic Surgery, and Orthopaedist in the Respiratory Center (Medicine), two months from July 1, 1959, \$900 a month (7-17-59).

ANNIS, NORMAN L., Instructor in Art, academic year beginning September 1, 1959, \$5500 (8-27-59).

ARGOUEDELIS, ALEXANDER D., Research Assistant in Chemistry, September 1-15, 1959, \$204, supersedes (9-1-59).

ARMATO, ROSARIO P., Assistant in English, nine months from September 16, 1959, \$3600 (7-22-59).

ARMSTRONG, MARY B., Assistant in Speech, nine months from September 16, 1959, \$3600 (7-22-59).

ASCHNER, MARY J., Research Assistant Professor in the Institute for Research on Exceptional Children, one year from September 1, 1959, \$7500 (8-15-59).

- ASTON, KATHARINE O., Instructor in English for Foreign Students, academic year beginning September 1, 1959, \$5100 (7-22-59).
- ATCHINSON, EDITH M., Resident Assistant in Allen Hall, ten months from August 24, 1959, \$1600; for the convenience of the University she will also be furnished board and room valued at \$31 a month, while on duty (7-17-59).
- AUTH, LEO V., JR., Instructor in Electrical Engineering (C), academic year beginning September 1, 1959, \$6400, supersedes (8-28-59).
- BAKER, JOHN R., Assistant in English, nine months from September 16, 1959, \$3800 (7-22-59).
- BANKS, EDWIN M., Research Assistant Professor in the Division of General Studies, two months from July 1, 1959, \$1244, supersedes (7-30-59).
- BARBATO, IRIS M., Research Associate in Psychiatry (Medicine), eleven months from October 1, 1959, \$6500 a year (8-13-59).
- BARKER, MRS. CAROLINE J., Serials Cataloger, with rank of Instructor, in the Library, one year from September 1, 1959, \$5500 (7-17-59).
- BARNES, EDWARD E., Instructor in Agricultural Extension and Assistant State Leader of Farm Advisers (E), one year from September 1, 1959, \$9000 (7-31-59).
- BARNES, TED J., Instructor in Speech, academic year beginning September 1, 1959, \$6200 (8-25-59).
- BARTHEL, MRS. CHRISTINA G., Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), one year from September 1, 1959, \$4400 (8-25-59).
- BEBERMAN, MAX, Professor of Education (University High School) (College of Education, Graduate College), May 1-August 15, 1959, \$1022; this is in addition to his previous appointment; and Professor of Education (University High School), in the College of Education on indefinite tenure to render service during each academic year and in the Graduate College for the academic year beginning September 1, 1959, \$14,700 (7-31-59).
- BERATAN, LEON, Visiting Lecturer in Civil Engineering (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$7000 (8-28-59).
- BERGER, JEAN, Visiting Lecturer in Musicology (School of Music), academic year beginning September 1, 1959, \$9000 (7-31-59).
- BERGERON, CLIFTON G., Research Associate in Ceramic Engineering, full time September 1-15, 1959, \$9000 a year;  $\frac{3}{4}$  time September 16, 1959-May 31, 1960, \$6750 a year (8-25-59).
- BESS, LEON, Assistant Professor of Physics (Chicago Undergraduate Division),  $\frac{1}{2}$  time, academic year beginning September 1, 1959, \$3500 (7-31-59).
- BISWAS, DEBAJIT K., Postdoctoral Research Assistant in Animal Science (S), one year from September 1, 1959, \$5200 (8-1-59).
- BLACK, LINDSAY M., Research Professor of Botany, two months from June 16, 1959, \$1288.88 a month; this is in addition to his present appointment (7-15-59).
- BLANCHARD, WOODROW W., Research Assistant in Microbiology, one year from September 1, 1959, \$4400 (9-1-59).
- BLUMENTHAL, JEROME, Assistant in English (Chicago Undergraduate Division), September 16-January 31, 1960, \$2000 (7-15-59).
- BOERSMA, LARRY, Assistant Professor of Agricultural Engineering (S), July 15-August 31, 1959, \$650 a month (8-7-59).
- BOZAK, RICHARD E., Research Associate in Chemistry, one year from October 1, 1960, \$5500 (7-31-59).
- BREEN, HARRY F., JR., Instructor in Art, academic year beginning September 1, 1959, \$5700 (7-31-59).
- BROOKS, ERNEST R., Clinical Assistant in Medicine (Medicine), three months from June 1, 1959, without salary (7-21-59).
- BROTHERSON, DONALD E., Research Assistant Professor of Architecture (Small Homes Council-Building Research Council and Department of Architecture), August 16-31, 1961, \$8800 a year (8-26-59).
- BROTT, EUGENE E., Instructor in English (Division of Business English),  $\frac{3}{4}$  time, academic year beginning September 1, 1959, \$3000 (8-15-59).
- BROWN, RAYMOND B., Instructor in Art, academic year beginning September 1, 1959, \$5000 (7-17-59).
- BROWN, RICHARD M., Research Professor of Physics and of Electrical Engineering

- on indefinite tenure, and in the Coordinated Science Laboratory for one year, beginning September 1, 1959, \$17,000 a year, supersedes (8-28-59).
- BUDDEMEIER, WILBUR D., Professor of Farm Management (Agricultural Economics), indefinite tenure, and Group Leader of Regional Agricultural Contract-India, two years, beginning September 1, 1959, \$11,500 a year, supersedes (9-3-59).
- BUTCHER, HAROLD J., Research Associate in Psychology, one year from September 1, 1959, \$6000 (7-17-59).
- CARMER, SAMUEL G., Assistant in Agronomy (C), full time, September 1, 1959-January 31, 1960, \$4600 a year, and  $\frac{1}{2}$  time, February 1, 1960-August 31, 1960, \$2300 a year (8-25-59).
- CARROLL, JOHN R., Associate Professor of Mechanical Engineering (C),  $\frac{3}{4}$  time, indefinite tenure beginning September 1, 1959, to render service during each academic year, \$5467 a year, supersedes (8-25-59).
- CATON, CHARLES E., Instructor in Philosophy, academic year beginning September 1, 1959, \$5600 (7-31-59).
- CEDERSTRAND, CARL, Research Assistant in Botany, one year from September 1, 1959, \$5000 (8-25-59).
- CHALMERS, RUTH, Research Assistant in Electrical Engineering (S), two months from July 1, 1959, \$375 a month, supersedes (7-10-59); and for one year from September 1, 1959, \$4500 (8-7-59).
- CHILLAG, JOAN M., Instructor in English (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$5000 (7-31-59).
- CHIN, BESSIE, Catalog Assistant in the Library, one year from September 1, 1959, \$4800 (8-25-59).
- CLARKE, KENNETH S., Supervisor of Special Services, with rank of Assistant, in the Student Rehabilitation Center (College of Physical Education), one year from September 1, 1959, \$6000 (7-31-59).
- COCHRAN, BARBARA JOAN, Assistant Dean of Women, one year from September 1, 1959, \$6100 (7-28-59).
- COLBURN, IRVING W., Assistant Professor of Architecture (Chicago Undergraduate Division),  $\frac{1}{2}$  time, academic year beginning September 1, 1959, \$3750 (7-31-59).
- CONRAD, H. EDWARD, Research Associate in Chemistry, one year from July 1, 1959, \$7300 (7-31-59).
- COOLEY, JACK C., Clinical Assistant Professor of Physiology, September 1, 1959-June 1, 1961, without salary (8-7-59).
- COOPER, DUANE H., Research Associate Professor of Physics and of Electrical Engineering on indefinite tenure, and in the Coordinated Science Laboratory for one year, from September 1, 1959, \$14,200 a year, supersedes (8-28-59).
- CORLEY, ROBERT E., Assistant Professor of Social Sciences (Chicago Undergraduate Division), Summer Session of 1959, June 19-August 14, 1959,  $\frac{1}{2}$  time, \$667 for the period (7-13-59).
- COWLING, KEITH G., Assistant in Land Economics (Agricultural Economics) (S), two months from July 1, 1959, \$888.88 (7-17-59).
- CROMWELL, CHARLES G., Instructor in Radio and Television (College of Journalism and Communications),  $\frac{3}{4}$  time, academic year beginning September 1, 1959, \$3550, supersedes (7-22-59).
- DANELSKI, DAVID J., Instructor in Political Science, academic year beginning September 1, 1959, \$6000 (8-25-59).
- DAVIS, J. CALVIN, III, Research Assistant in Medicine (Medicine), one year from July 1, 1959, \$4400 (7-13-59).
- DELF, HARRY J., JR., Instructor in Chemistry (Physical Sciences) (Chicago Undergraduate Division),  $\frac{3}{4}$  time, September 1, 1959-January 31, 1960, \$360 a month (7-13-59).
- DEMBSKI, WILLIAM J., Instructor in Biological Sciences (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$4800 (8-28-59).
- DEWHIRST, DONALD L., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1959, \$5000, supersedes (8-13-59).
- DHARMARAJAN, SANGIAH, Research Associate in Theoretical and Applied Mechanics (C),  $\frac{1}{2}$  time, academic year beginning September 1, 1959, \$2500 (7-31-59).

- DIAL, MRS. JEANNE, Research Assistant in Microbiology, July 1, 1959-August 31, 1960, \$4800 a year (7-22-59).
- DORENKAMP, JOHN, Assistant in English, nine months from September 16, 1959, \$3800 (7-22-59).
- DOYLE, ANNE, Assistant in English, nine months from September 16, 1959, \$3800 (7-22-59).
- DRAKE, JOHN W., Instructor in Microbiology, two months from July 1, 1959, \$1166.66 (8-5-59).
- DREW, GEORGE J., Assistant in Education (University High School), nine months from September 16, 1959, \$5000 (8-7-59).
- EAKIN, FRANZY, Lecturer in Management, nine months from September 16, 1959, \$7000 (8-15-59).
- EBERSOLE, ELLEN H., Instructor in Home Economics (C), academic year beginning September 1, 1959, \$4800 (8-7-59).
- EDGE, TURNER W., Assistant in Speech, nine months from September 16, 1959, \$3600 (8-1-59).
- EISEN, NATHANIEL H., Assistant Professor of Psychology,  $\frac{1}{4}$  time, academic year beginning September 1, 1959, \$2000 (7-31-59).
- ELKIN, STANLEY, Assistant in English, nine months from September 16, 1959, \$4000 (7-22-59).
- ELLISON, FRED P., Assistant Professor of Spanish,  $\frac{1}{2}$  time, two months from June 16, 1959, \$756; this is in addition to his present appointment (7-9-59).
- EPLEY, DONALD L., Instructor in Electrical Engineering (C), academic year beginning September 1, 1959, \$5500 (8-26-59).
- FAUCETT, PHILIP M., JR., Instructor in Economics, academic year beginning September 1, 1959, \$6000 (7-20-59).
- FELDKAMP, GERMAINE E., Resident Assistant in Allen Hall, ten months from August 24, 1959, \$1600; for the convenience of the University, she will be furnished board and room valued at \$31 a month, while on duty (7-20-59).
- FELLMANN, JEROME D., Research Associate Professor of Geography, July 29-August 31, 1959, \$897; this is in addition to his present appointment (7-31-59).
- FISCHER, JOHN D., Instructor in English, academic year beginning September 1, 1959, \$5500 (7-17-59).
- FISHER, MRS. JANET L., Instructor in Mathematics (Department of Chemistry) (Pharmacy), academic year beginning September 1, 1959, \$5200 (7-22-59).
- FISHMAN, WILLIAM E., Research Assistant in Medicine (Medicine), one year from July 1, 1959, \$4400 (7-13-59).
- FLORES, JOSEPH S., Associate Professor of Spanish,  $\frac{1}{2}$  time, two months from June 16, 1959, \$923; this is in addition to his regular appointment (7-9-59).
- FOTHERGILL, WILLIAM, JR., Instructor in Art, academic year beginning September 1, 1959, \$6200 (9-1-59).
- FREITAG, JOAN K., Instructor in Home Economics (C), academic year beginning September 1, 1959, \$4500 (8-25-59).
- FREYER, WARREN R., Instructor in English (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$6200 (7-13-59).
- FRIERMOOD, MARGARET J., Resident Assistant in Arbor Suites, ten months from August 24, 1959, \$1600; for the convenience of the University, she will also be furnished board and room while on duty (7-22-59).
- FULLER, HARRY J., Professor of Botany, one month from August 1, 1959, \$1288.88 (8-7-59).
- GANTT, MARGARET E., Research Associate in Medicine (Medicine), one year from September 1, 1959, \$6600 (8-25-59).
- GAYLIN, RITA, Assistant in Audiology (Department of Otolaryngology) (Medicine), one year from September 1, 1959, \$5200 (8-1-59).
- GERSON, STANLEY J., Instructor in Oral Pathology (Dentistry), one year from September 1, 1959, \$7500 (8-1-59).
- GLADISH, DAVID, Assistant in English, nine months from September 16, 1959, \$4000 (7-17-59).
- GOLDBERG, STANLEY I., Research Associate in Chemistry, August 16, 1959-August 31, 1960, \$5370 a year (7-21-59).
- GOLDSMITH, HENRY J., Research Associate in Medicine (Medicine), one year from September 1, 1959, \$6000 (7-21-59).

- GOLDSTEIN, HERBERT, Associate Professor of Education, in the College of Education on  $\frac{1}{2}$  time and in the Institute for Research on Exceptional Children on  $\frac{1}{2}$  time, on indefinite tenure beginning September 1, 1959, to render service during each academic year, \$7900 a year, supersedes (8-7-59).
- GONZALEZ, MANUEL C., Research Assistant in Radiology (Dentistry), one year from September 1, 1959, \$5000 (7-22-59).
- GOODWIN, HAROLD A., Research Associate in Chemistry, September 16, 1959-August 31, 1960, \$6000 a year, supersedes (7-31-59).
- GOTTLIEB, SEYMOUR L., Instructor in Radiology (Dentistry),  $\frac{1}{2}$  time, July 1, 1959-August 31, 1960, \$3500 a year (7-31-59).
- GRANT, PAUL B., JR., Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$4500 (7-31-59).
- GRAY, MRS. MARY T., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1959, \$3600 (8-15-59).
- GREENBERG, RUVEN, Associate Professor of Physiology (Medicine), August 16, 1959-September 15, 1959, \$1072; this is in addition to his present appointment (8-14-59).
- GREENWOOD, GEORGE W., Research Associate in Civil Engineering, Bureau of Community Planning, academic year beginning September 1, 1959, \$6000 (7-22-59).
- GRIBBENS, LORRAINE E., Registered Pharmacist and Research Associate in Manufacturing Pharmacy (Pharmacy), one year from September 1, 1959, \$6000 (8-10-59).
- GRIMM, CLYDE, Assistant in English, nine months from September 16, 1959, \$3800 (7-22-59).
- GRUBERT, HEINRICH, Research Associate in Chemistry, September 1, 1959-February 15, 1960, \$447.50 a month (7-17-59).
- GRUNAU, JOHN A., Research Associate in Chemistry, one year from September 1, 1959, \$6000 (7-31-59).
- GUTHER, HAROLD D., Assistant Extension Editor and Assistant Professor of Agricultural Extension (E),  $\frac{3}{4}$  time, September 16, 1959-January 31, 1960, \$6525 a year, and full time, February 1, 1960-August 31, 1961, \$8700 a year, supersedes (8-25-59).
- GUNSALUS, IRWIN C., Professor of Biochemistry, on indefinite tenure beginning September 1, 1959, \$19,000 a year, supersedes (8-1-59).
- GUNTHER, RICHARD I., Instructor in Crown and Fixed Partial Dentures (Dentistry),  $\frac{1}{2}$  time, one year from September 1, 1959, \$3500, supersedes (8-5-59).
- GUPTA, SUSHIL C., Research Associate in Plant Pathology (S), one year from September 1, 1959, \$5500 (8-25-59).
- GUTTER, YAKIR, Research Assistant in Plant Pathology (S), one year from September 1, 1959, \$4400 (8-10-59).
- HANDLER, PAUL, Assistant Professor of Electrical Engineering and of Physics (C), two years from September 1, 1959, to render service during each academic year, \$8500 a year, supersedes (8-28-59).
- HANNAH, HAROLD W., Professor of Agricultural Law and Consultant to the Administrator, U. P. Agricultural University in India, four months from August 1, 1959, \$1333.34 a month; this is in addition to his appointment as Professor of Agricultural Law in the Department of Agricultural Economics (8-7-59).
- HART, ALICE G., Visiting Lecturer in Education (University High School), ten months from August 16, 1959, \$5000, supersedes (7-20-59).
- HART, EMILY S., Research Assistant in Chemistry, one year from September 1, 1959, \$4900 (8-7-59).
- HARVEY, ROBERT O., Associate Professor of Finance, full time from July 1-31, 1959, and  $\frac{1}{2}$  time from August 1-15, 1959, \$1390 for the period; this is in addition to his present appointment (7-22-59).
- HASLETT, JARED W., Instructor in Physics (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$6300 (7-13-59).
- HATCH, GAYLORD F., Assistant in History of Civilization (Division of General Studies), nine months from September 16, 1959, \$3800 (7-31-59).
- HAZEWINKEL, AART, Research Assistant in Psychology and in the Bureau of Educational Research, nine months from September 16, 1959, \$3600 (8-25-59).
- HAZLETT, THOMAS C., Research Associate in City Planning and Landscape Archi-



- lecture, three months from June 16, 1959, two months on  $\frac{1}{4}$  time and one month on full time, at the rate of \$666.66 a month; this is in addition to his present appointment (7-25-59).
- HEDGES, ROBERT A., Associate Professor of Finance, indefinite tenure, September 1, 1959;  $\frac{1}{2}$  time and  $\frac{1}{2}$  salary from September 1, 1959, through August 31, 1960, \$4000; on leave of absence  $\frac{1}{2}$  time without pay from September 1, 1959, through August 31, 1960; and Ford Foundation Faculty Fellow for one year from September 1, 1959, \$5778, at a total salary of \$9778 (8-7-59).
- HENDRIX, GERTRUDE, Research Assistant Professor of Education (University High School), four months from May 1, 1959, \$916.67 a month, supersedes (7-31-59).
- HERFORD, JULIUS, George A. Miller Visiting Lecturer in Music, October 19-24, 1959, and April 18, 1960-May 8, 1960, \$2000 (7-15-59).
- HINCHCLIFF, MRS. BETHEL A., Assistant to the Dean of Women,  $\frac{1}{2}$  time, nine months from September 16, 1959, \$1900 (8-25-59).
- HODGMAN, DONALD R., Associate Professor of Economics, indefinite tenure, September 1, 1959:  $\frac{1}{2}$  time and  $\frac{1}{2}$  salary from September 1, 1959, through August 31, 1960, \$4750; on leave of absence  $\frac{1}{2}$  time without pay from September 1, 1959 through August 31, 1960; and Ford Foundation Faculty Fellow for one year from September 1, 1959, \$6862, a total salary of \$11,612 (8-7-59).
- HOFFMAN, RICHARD L., Instructor in Histology (Dentistry),  $\frac{3}{5}$  time, one year from September 1, 1959, \$4500 (8-1-59).
- HOPKINS, JERRY D., Assistant in English for Foreign Students, nine months from September 16, 1959, \$4100 (7-22-59).
- HORNBECK, PETER L., Instructor in City Planning and Landscape Architecture, to render service during the first semester of the academic year, September 1, 1959-February 29, 1960, \$2900 (7-31-59).
- HOSLER, E. RAMON, Instructor in Chemical Engineering,  $\frac{1}{2}$  time, academic year beginning September 1, 1959, \$2800 (8-1-59).
- HOWELL, ROBERT W., Visiting Assistant Professor of Botany,  $\frac{1}{2}$  time, to render service during the second semester of the academic year, February 1-June 15, 1960, \$3800 (8-7-59).
- HUBBARD, O'DEAN, Research Assistant in Food Technology (S), July 1, 1959-August 31, 1960, \$5500 a year, supersedes (7-17-59).
- HUTCHINSON, JAMES G., Research Assistant in Sociology, one year from September 1, 1959, \$6250 (8-28-59).
- ICHIMURA, SHOJI, Research Associate in Botany, one year from September 1, 1959, \$5900, supersedes (8-31-59).
- JACOBS, NICHOLAS J., Research Associate in Dairy Science (C and S), one year from September 1, 1959, \$6000 (8-7-59).
- JANES, ROBERT W., Associate Professor of Sociology, one month from August 1, 1959, \$844.45; this is in addition to his present appointment (7-31-59).
- JOHN, KARL O., Research Associate in Chemistry, September 1, 1959-April 15, 1960, \$500 a month, supersedes (8-7-59).
- JOHNSON, DALE R., Instructor in Architecture, academic year beginning September 1, 1959, \$5800 (8-26-59).
- JOHNSON, FALK S., Assistant Professor of English (Chicago Undergraduate Division), Summer Session of 1959, June 19-August 14, 1959, \$1600 for the period (7-10-59).
- JOHNSON, HELEN F., Assistant in Home Economics (S), one year from September 1, 1959, \$5500 (8-7-59).
- JONES, DOUGLAS M. A., Research Associate in the State Water Survey, ten months from September 1, 1959, \$7500 a year (8-7-59).
- JONES, ROBERT E., Lecturer in Psychology, with rank of Assistant Professor, one year from September 1, 1959, without salary (7-31-59).
- JORDAN, LAURA, Research Associate in the Institute for Research on Exceptional Children, two months from July 1, 1959, \$500 a month, supersedes (7-14-59).
- JUGENHEIMER, ROBERT W., Professor of Plant Genetics (Agronomy), indefinite tenure; Assistant Dean of the College of Agriculture, Assistant Director of the Agricultural Experiment Station, and Assistant Coordinator of International Cooperation Administration Programs, July 1, 1959-August 31, 1961, at an annual salary of \$12,500, supersedes (7-20-59).

- KABLER, MILTON M., Research Associate in Mining and Metallurgical Engineering (C), one year from September 1, 1959, \$6500 (8-1-59).
- KAY, JACK G., Instructor in Inorganic Chemistry, academic year beginning September 1, 1959, \$5900 (7-31-59).
- KEMMERER, HARLEIGH R., Instructor in Horticulture (C and S) and in the Physical Plant, two months from July 1, 1959, \$1283.34 (8-25-59).
- KEY, JOE L., Research Associate in Chemistry, seven months from August 1, 1959, \$458.34 a month (8-15-59).
- KIMOVEC, FRANC, Instructor in Radiology (Medicine),  $\frac{3}{5}$  time, two months from July 1, 1959, \$300 a month (7-22-59).
- KLAIN, GEORGE, Assistant in Animal Science (S), two months from July 1, 1959, \$366.66 a month, supersedes (8-1-59); and two months from September 1, 1959, \$366.67 a month (8-7-59).
- KLAPPERICH, A. J., Assistant Professor of Electrical Engineering (Chicago Undergraduate Division), Summer Session of 1959, June 22-August 14, 1959, \$1445 for the period (7-10-59).
- KLASSEN, PETER P., Professor of Social Sciences (Chicago Undergraduate Division), Summer Session of 1959, June 19-August 14, 1959,  $\frac{1}{2}$  time, \$956 for the period, supersedes his previous Summer Session appointment (7-10-59).
- KOELLING, ALFRED C., Assistant in Botany, nine months from September 16, 1959, \$3600 (8-7-59).
- KOKATNUR, MOHAN, Assistant in Food Technology (S), July 15-August 31, 1959, \$416.66 a month (7-17-59).
- KRIEGER, JULIUS P., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station),  $\frac{3}{4}$  time, one year from September 1, 1959, \$4350, supersedes (8-25-59).
- KRISHNA, KUMAR, Assistant in Biological Sciences (Chicago Undergraduate Division), nine months from September 16, 1959, \$4200 (8-28-59).
- KUZMANIC, BETTY J., Instructor in Mathematics (Chicago Undergraduate Division),  $\frac{1}{2}$  time, academic year beginning September 1, 1959, \$2400 (7-13-59).
- LANCE, MRS. BETTY R. G., Instructor in Spanish, academic year beginning September 1, 1959, \$5500 (8-1-59).
- LANGDON, MRS. MARJORIE M., Assistant in Student Counseling Service (Provost's Office), one year from September 1, 1959, \$5500 (8-14-59).
- LARSON, MARILYN, Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), one year from September 1, 1959, \$4400 (8-25-59).
- LASCHOVER, ROBERT R., Research Associate in Mechanical Engineering (C), August 10, 1959-August 31, 1960, \$7500 a year (7-22-59).
- LASHER, SIM, Instructor in Mathematics (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$5600 (7-17-59).
- LAWSON, JOAN C., Instructor in English (Chicago Undergraduate Division), to render service during the first semester of the academic year, September 1, 1959-January 31, 1960, \$2250 (7-31-59).
- LEICHNER, GENE H., Assistant Professor in the Measurement Program (S),  $\frac{1}{2}$  time, two months from June 16, 1959, \$778 for the period; this is in addition to his present appointment (7-22-59).
- LEWIS, OSCAR, Professor of Anthropology and Associate Member in the Center for Advanced Study in the Graduate College for one year from September 1, 1959, services to be rendered on the basis of twelve months except for allowable vacation, \$13,690 for the year; Professor of Anthropology on indefinite tenure beginning September 1, 1960, annual salary of \$11,200, services to be rendered during the academic year (7-31-59).
- LINGARD, DONALD R., Instructor in Veterinary Clinical Medicine (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), one year from September 1, 1959, \$6400, supersedes (8-28-59).
- LINNEMAN, WILLIAM, Assistant in English, nine months from September 16, 1959, \$3800 (7-22-59).
- LUCZYNSKI, WALTER T., Instructor in History, academic year beginning September 1, 1959, \$5000 (7-17-59).
- LUTTON, WILLIAM R., Instructor in Foreign Languages (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$4600, supersedes (8-28-59).

- LYKE, JAMES B., Instructor in Music, academic year beginning September 1, 1959, \$5700 (8-25-59).
- MACKLER, HYMAN, Research Associate in Preventive Medicine (Medicine), six months from July 1, 1959, \$8040 a year (7-21-59).
- MAISER, BARBARA, Research Assistant in Chemistry, one year from September 16, 1959, \$4800 (7-22-59).
- MAJER, JAMES A., Assistant in Physical Education for Men (Chicago Undergraduate Division), nine months from September 16, 1959, \$4200, in addition to \$500 paid from Student Athletic Activities, total salary, \$4700 (7-13-59).
- MAKSUD, MICHAEL G., Instructor in Physical Education for Men (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$4800, in addition to \$600 paid from Student Athletic Activities, total salary \$5400 (7-13-59).
- MARSH, JOHN O., Assistant Professor of Foreign Languages (Chicago Undergraduate Division), Summer Session of 1959, June 19-August 14, 1959, \$1423 for the period, supersedes his previous Summer Session appointment (7-10-59).
- MARTELL, MICHAEL J., JR., Research Associate in Chemistry, one year from September 1, 1959, \$5400 (8-15-59).
- MARK, WERNER, Instructor in German, academic year beginning September 1, 1959, \$5000 (7-17-59).
- MATCHETT, WILLIAM H., Research Assistant in Botany, full time for two months from July 1, 1959, \$410 a month, and  $\frac{1}{2}$  time for ten months from September 1, 1959, \$205 a month (7-22-59).
- MCCLELLAND, DAN R., Adjutant in the Department of Military Science and Tactics (Army ROTC),  $\frac{1}{10}$  time, August 1, 1959-August 31, 1960, \$600 a year (7-31-59).
- MCDONALD, GERALD O., Assistant Professor of Surgery (Medicine),  $\frac{9}{10}$  time, two months from July 1, 1959, \$625 a month (8-14-59).
- MCGRATH, BARBARA, Research Assistant in Home Economics (S), one year from September 1, 1959, \$4800 (8-7-59).
- MCINTYRE, LUCY MAY S., Resident Assistant in Arbor Suites, ten months from August 24, 1959, \$1600; for the convenience of the University, she will also be furnished board and room while on duty (7-20-59).
- MCKINNON, DANA G., Assistant in English, nine months from September 16, 1959, \$3600 (7-22-59).
- MCMAHON, PAUL E., Spectroscopist in the Department of Chemistry and Chemical Engineering on  $\frac{1}{2}$  time, and Research Assistant in Chemistry on  $\frac{1}{4}$  time (College of Liberal Arts and Sciences, Graduate College), one year from September 1, 1959, \$4100, supersedes (8-25-59).
- McMULLEN, STEWART Y., Professor of Management on indefinite tenure, and Head of the Department for two years, from September 1, 1959, \$20,000 a year (7-20-59).
- MCPHERSON, MURRAY B., Professor of Hydraulic Engineering (Civil Engineering) (C), August 26-August 31, 1959, \$215 (7-21-59).
- MEYEROWITZ, JOSEPH H., Research Associate in the Institute for Research on Exceptional Children, one year from September 1, 1959, \$6000 (8-25-59).
- MICHAELSEN, ROGER C., Instructor in Full and Removable Partial Dentures (Dentistry),  $\frac{1}{2}$  time, one year from September 1, 1959, \$3300 (8-1-59).
- MIKOLAJCZYK, HENRY L., Associate Professor of Architecture (Chicago Undergraduate Division), Summer Session of 1959, June 22-August 14, 1959, \$1940 for the period (7-10-59).
- MILLER, LAURENCE H., Catalog Assistant in the Library, one year from September 1, 1959, \$5000 (8-25-59).
- MILLER, SOL, Research Assistant in Anthropology, five months from September 1, 1959, \$366.67 a month (7-20-59).
- MINAMI, KAZUMORI, Research Associate in Chemistry, one year from September 1, 1959, \$5370 (7-21-59).
- MIRON, MURRAY, Research Associate in the Institute of Communications Research (College of Journalism and Communications),  $\frac{4}{5}$  time, academic year beginning September 1, 1959, \$4000 (7-31-59).
- MITCHELL, GRAHAM, Assistant in English for Foreign Students, nine months from September 16, 1959, \$4200 (7-22-59).

- MITRI, TALAAT K., Research Assistant in the State Natural History Survey,  $\frac{1}{2}$  time for nine months from September 1, 1959, and full time for three months from June 1, 1960, full time salary at the rate of \$370 a month (7-31-59).
- MIYAMOTO, SHIGERU, Research Assistant in Psychiatry (Medicine), one year from September 1, 1959, \$4500 (8-1-59).
- MIZUKAMI, HIROSHI, Research Assistant in Botany, August 16-August 31, 1959, \$200 (9-1-59).
- MONTCALM, BENEDICT W., Instructor in Physical Education for Men (Chicago Undergraduate Division),  $\frac{1}{2}$  time, June 19-August 31, 1959, \$623; this is in addition to his present appointment (7-9-59).
- MOORE, ALVIN D., Instructor in Art, academic year beginning September 1, 1959, \$5800 (9-1-59).
- MORINAGA, KENICHI, Research Associate in Chemistry, one year from September 1, 1959, \$5500 (7-31-59).
- MOSES, MRS. DOROTHY H., Research Assistant in Anatomy (Medicine), eleven months from August 1, 1959, \$4500 a year (7-24-59).
- MULVANEY, JAMES E., Research Associate in Chemistry, September 1, 1959-February 29, 1960, \$500 a month, supersedes (8-13-59).
- MURPHY, KENNETH H., Assistant Professor of Mathematics (Chicago Undergraduate Division), Summer Session of 1959, June 19-August 14, 1959, \$1378 for the period (7-10-59).
- MURRELL, THOMAS A., Associate Professor of Electrical Engineering, in the Department of Electrical Engineering on  $\frac{1}{2}$  time and in the Digital Computer Laboratory on  $\frac{1}{2}$  time, indefinite tenure beginning September 1, 1959, to render service during each academic year, \$8700 a year, supersedes (8-25-59).
- MUVDI, BICHARA B., Research Associate in Theoretical and Applied Mechanics (C),  $\frac{1}{2}$  time, February 1-June 15, 1960, to render service during the second semester of the academic year, \$1251 (8-1-59).
- NACHTMANN, FRANCIS W., Assistant Professor of French and Coordinator of the Language Laboratory, two years from September 1, 1959, to render service during each academic year, \$6800 a year (8-7-59).
- NAKAYAMA, TEISHI, Research Associate in Chemistry, one year from September 1, 1959, \$5800 (8-7-59).
- NODA, KENICHI, Research Associate in Psychiatry (Medicine), one year from September 1, 1959, \$5500 (7-22-59).
- NOJIMA, SHOSHICHI, Research Associate in Chemistry, one year from September 1, 1959, \$5700 (8-10-59).
- O'CONNELL, JAMES S., Research Associate in Physics (C),  $\frac{1}{2}$  time, one year from September 1, 1959, \$3250, supersedes (8-28-59).
- O'DONNELL, BERNARD, Assistant in English, nine months from September 16, 1959, \$3600 (7-22-59).
- OHMURA, TAKAO, Research Associate in Agronomy (S), four months from July 1, 1959, \$1800 (7-22-59).
- OLSEN, (MISS) FURUZAN, Commerce and Sociology Library Assistant, with rank of Instructor, one year from September 1, 1959, \$5800 (8-14-59).
- OPDAHL, KEITH, Assistant in English, nine months from September 16, 1959, \$3800 (7-22-59).
- ORLINSKY, NANCY, Research Associate in Psychiatry (Medicine), July 15, 1959-August 31, 1960, \$6250 a year (7-22-59).
- ORVEDAHL, JESSE A., Research Associate in Education (University High School), ten months from September 1, 1959, \$6000 (9-1-59).
- OSSMAN, EDWARD T., Assistant in Accountancy (Chicago Undergraduate Division), nine months from September 16, 1959, \$3800 (8-7-59).
- PABARCUS, ALGIS, Instructor in Theoretical and Applied Mechanics (Chicago Undergraduate Division), Summer Session of 1959, June 22-August 14, 1959, \$1356 for the period (7-10-59).
- PADEN, DONALD W., Professor of Economics (Department of Economics, Department of Sociology and Anthropology, and Provost's Office), June 15-August 14, 1959, \$2223; this is in addition to his present appointment (8-7-59).
- PAINTER, NORMAN W., Lecturer in Sociology, academic year beginning September 1, 1959, \$7200 (8-26-59).
- PARÉ, EILEEN, Instructor in Chemistry (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$5000 (8-28-59).

- PARTCH, HARRY, Research Associate in Music, one year from June 16, 1959, \$5500 (7-22-59).
- PATTERSON, BRAXTON I., Instructor in Economics, academic year beginning September 1, 1959, \$6500 (8-7-59).
- PEYTON, ANN, Assistant in English (Chicago Undergraduate Division), nine months from September 16, 1959, \$4200 (7-13-59).
- PFLDERER, MARILYN R., Instructor in Music, academic year beginning September 1, 1959, \$5800 (8-7-59).
- PHILLIPPE, MRS. MARY R., Research Assistant in Plant Pathology (S), July 1, 1959-August 31, 1960, \$4400 a year (7-17-59).
- PHILLIPS, CLARENCE A., Assistant Professor of Mathematics, two years from September 1, 1959, to render service during each academic year, \$6500 a year (7-31-59).
- PORTER, MAURICE G., Instructor in Civil Engineering (C),  $\frac{1}{2}$  time, academic year beginning September 1, 1959, \$3200 (7-31-59).
- POWNALL, GEORGE A., Research Assistant in Sociology, one year from September 1, 1959, \$5800, supersedes (8-25-59).
- PRENSKY, WOLF, Assistant in Agronomy (S), July 1-September 15, 1959, \$400 a month (7-22-59).
- PRESTIPINO, FRANK E., Instructor in Medicine (Medicine), for one year from July 1, 1959, without salary, supersedes salaried appointment (7-21-59).
- PRINCIC, WALTER, Assistant in English, nine months from September 16, 1959, \$3800 (7-22-59).
- PROFF, FRED C., Associate Professor of Education, August 9-22, 1959, \$433.50; this is in addition to his present appointment (7-28-59).
- REED, MARY, Assistant in English (Chicago Undergraduate Division), September 16, 1959-January 31, 1960, \$2100 (8-28-59).
- REIMAN, DONALD, Assistant in English, nine months from September 16, 1959, \$3800 (7-22-59).
- RICHARDSON, JOHN F., Associate Professor of Art (Chicago Undergraduate Division), Summer Session of 1959, June 22-August 14, 1959, \$1794 for the period (7-10-59).
- RICHEY, ROBERT D., Assistant in Education (University High School), nine months from September 16, 1959, \$5200 a year (8-25-59).
- RIMBEY, DONALD H., Instructor in General Engineering (C), academic year beginning September 1, 1959, \$5600 (7-22-59).
- ROBERTS, JOHN, Assistant in English, nine months from September 16, 1959, \$3800 (7-22-59).
- ROBINSON, GEORGE A., JR., Research Associate in Education (University High School), academic year beginning September 1, 1959, \$4500 (8-12-59).
- ROOTS, BETTY I., Research Associate in Physiology, one year from August 1, 1959, \$4000 (8-25-59).
- ROSENSTEIN, DOROTHY, Instructor in Social Work, academic year beginning September 1, 1959, \$6000 (7-17-59).
- ROTMAN, JOSEPH J., Research Associate in Mathematics, academic year beginning September 1, 1959, \$5500 (7-20-59).
- RUST, VELMA I., Assistant in Education,  $\frac{1}{2}$  time, June 15-August 8, 1959, \$500; this is in addition to her  $\frac{1}{2}$  time Summer Session appointment (7-21-59).
- SANCHEZ, JOSE, Associate Professor of Foreign Languages (Chicago Undergraduate Division), June 19-August 31, 1959, \$1756 for the period (7-10-59).
- SASAKI, TEIICHI, Research Associate in Chemistry, one year from September 1, 1959, \$5700 (8-7-59).
- SAVAGE, SCOTT M., Assistant in Agronomy (S), two months from July 1, 1959, \$400 a month, supersedes (7-22-59).
- SCHMEROLD, WILFRIED L., Assistant in Dermatology (Medicine), ten months from September 1, 1959, without salary (7-24-59).
- SCHMIDT, FRED H., Research Assistant in Entomology, two months from June 16, 1959, \$400 a month, supersedes (7-31-59).
- SCHWEMM, MRS. BARBARA, Research Assistant in Chemistry, July 16-September 30, 1959, \$1000 (7-24-59).
- SEIDEN, ESTHER, Research Associate in the Digital Computer Laboratory, two months from June 16, 1959, \$555.55 a month (7-15-59).
- SEMBA, TAKENHIKO, Research Assistant in Physiology, June 1-September 15, 1959, \$400 a month (7-22-59).

- SHARAF, HUSSEIN A., Research Assistant in Accountancy, one year from August 1, 1959, \$5000 (8-7-59).
- SHEKELLE, RICHARD B., Research Associate in Psychiatry (Medicine), July 1, 1959-August 31, 1960, \$6500 a year (7-24-59).
- SHEPPARD, ALAN J., Assistant in Animal Science (S), two months from July 1, 1959, \$366.66 a month (8-3-59).
- SHKLAIR, IRVING L., Research Associate in Applied Materia Medica and Therapeutics (Dentistry), 1/10 time, July 1, 1959-August 31, 1960, \$800 a year (7-22-59).
- SIMS, FAY M., Research Associate in Farm Management (Agricultural Economics) (S), one year from September 1, 1959, \$7000, supersedes (8-31-59).
- SMITH, ROBERT J., Instructor in English (Chicago Undergraduate Division), 1/2 time, academic year beginning September 1, 1959, \$2400 (7-13-59).
- SOHN, MARJORIE A., Instructor in Home Economics (E), one year from September 1, 1959, \$6300 (8-13-59).
- SOPHIANOPOULOS, ALKIS J., Research Associate in Chemistry, one year from September 1, 1959, \$6000 (8-15-59).
- SOPHIANOPOULOS, JUDITH, Research Associate in Chemistry, one year from September 1, 1959, \$5400 (8-12-59).
- SQUIRE, JAMES R., Assistant Professor of English, 1/3 time, two years from September 1, 1959, to render service during each academic year, \$2300 a year (8-25-59).
- STANACEV, NIKOLA Z., Research Associate in Chemistry, one year from September 1, 1959, \$5600 (8-7-59).
- STEIER, WILLIAM H., Research Assistant in Electrical Engineering (S), one year from September 1, 1959, \$5400 (7-31-59).
- STEIN, HERBERT J., Instructor in Electrical Engineering (C), 1/2 time, academic year beginning September 1, 1959, \$2200; this is in addition to his Television Shares Management Corporation Teaching Fellow in Electrical Engineering appointment (8-26-59).
- STEWART, CHARLES L., Consultant, Guide Lines for Appraisals (Agricultural Economics) (S), 1/2 time, one year from September 1, 1959, \$6300 (8-28-59).
- STOEDEFALKE, LURA A. H., Instructor in Home Economics (C), academic year beginning September 1, 1959, \$5100 (8-7-59).
- STRATTON, JOHN R., Research Assistant in Sociology, September 1-September 15, 1959, \$200 (8-15-59).
- STREET, BETTY A., Instructor in Home Economics (C), academic year beginning September 1, 1959, \$4500 (8-7-59).
- SUAMI, TETSUO, Research Associate in Chemistry, September 1, 1959-February 29, 1960, \$5700 a year (8-7-59).
- SULLIVAN, DENIS G., Instructor in Political Science, academic year beginning September 1, 1959, \$6000 (8-28-59).
- SYDNOR, RICHARD L., Research Associate in Electrical Engineering (S), one year from September 1, 1959, \$7870 (7-31-59).
- TALBOT, GEORGE A., Assistant in Sociology, two months from June 16, 1959, \$800 (7-14-59).
- TANG, CHIEN-HUI, Research Assistant in Electrical Engineering (S), one year from September 1, 1959, \$5000 (7-28-59).
- TASCHINI, PIER A., Research Associate in Medicine (Medicine), one year from September 1, 1959, \$7500 (7-13-59).
- TELLING, MRS. FERN H., Resident Assistant in Arbor Suites, ten months from August 24, 1959, \$1600; for the convenience of the University, she will also be furnished board and room while on duty (7-20-59).
- TENNERY, VICTOR J., Research Assistant Professor of Ceramic Engineering (S), June 29-August 31, 1959, \$708.33 a month, supersedes; and for one year from September 1, 1959, \$8500 (7-17-59).
- TESTA, DANIEL P., Assistant in Spanish, academic year beginning September 1, 1959, \$4600 (8-7-59).
- THARIN, JAMES C., Instructor in Physical Science (Division of General Studies), academic year beginning September 1, 1959, \$5100 (8-13-59).
- THOMAS, RUTH, Assistant in Physical Education for Women (Chicago Undergraduate Division), nine months from September 16, 1959, \$4700 (7-13-59).
- THORNTON, HUBERT R., Research Associate in Ceramic Engineering (S), 1/2 time, one year from September 1, 1959, \$3150 (7-28-59).

- TORT, FERDINA J., Instructor in Foreign Languages (Chicago Undergraduate Division), Summer Session of 1959, June 19-August 14, 1959, \$1200 for the period, supersedes previous Summer Session appointment (7-10-59).
- TRAXLER, MARJORIE D., Instructor in Chemistry (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$5000 (7-13-59).
- TSUCHIYAMA, HIDEO, Research Assistant in Food Technology (S), one year from September 1, 1959, \$5000 (7-17-59).
- TUCKER, ROBERT H., Instructor in Architecture, academic year beginning September 1, 1959, \$5500 (8-7-59).
- TUNG, (MISS) KUO FANG, Assistant in Land Economics (Agricultural Economics) (S), two months from July 1, 1959, \$888.88 (7-9-59).
- VAN HORN, CHARLES J., Research Associate in Education (University High School), July 1, 1959-August 31, 1960, \$10,000 a year (7-31-59).
- VAN NOTE, ROY N., Bibliographer, with rank of Instructor, in the Library,  $\frac{1}{2}$  time for nine months from September 1, 1959, \$233.33 a month, and full time for three months from June 1, 1960, \$466.66 a month, supersedes (8-13-59).
- VARANDANI, P. T., Research Assistant in the Radiocarbon Laboratory, one year from September 1, 1959, \$5200 (7-31-59).
- VELETSOS, ANESTIS S., Associate Professor of Civil Engineering (S), two months from July 16, 1959, \$1800; this is in addition to his present appointment (8-25-59).
- VOGEL, HERWARD A., Research Associate in Chemistry, one year from August 1, 1959, \$6000 (7-31-59).
- WALKER, RALPH, Assistant in English for Foreign Students, nine months from September 16, 1959, \$4400 (7-22-59).
- WANG, MAW SHIU, Research Assistant in Soils (Agronomy) (S), one year from September 1, 1959, \$5000 (8-25-59).
- WARD, DAVID A., Research Assistant in Sociology, one year from September 1, 1959, \$5800, supersedes (8-25-59).
- WARE, EDWARD E., Research Associate in the Institute of Communications Research,  $\frac{3}{4}$  time, \$4425; and Instructor in Journalism,  $\frac{1}{4}$  time, \$1475, total salary \$5900, for the academic year beginning September 1, 1959 (8-1-59).
- WARWARUK, ALEXANDRA, Research Assistant in Agricultural Entomology (S), July 1, 1959-August 31, 1960, \$4400 a year (7-17-59).
- WEINBERG, MARILYN G., Assistant in Medicine (Medicine), one year from September 1, 1959, \$5050 (8-10-59).
- WERDELIN, INGVAR K., Visiting Lecturer in Education (University High School), ten months from August 1, 1959, \$4500 (7-22-59).
- WHITE, CARLOS A., Research Assistant in Agricultural Entomology (Graduate College, Illinois Natural History Survey),  $\frac{1}{2}$  time, September 1, 1959-May 31, 1960, \$2400 a year, and full time June 1, 1960-August 31, 1960, \$4800 a year (8-25-59).
- WHITENER, ROBERT W., Psychiatrist and Assistant Professor of Hygiene (Health Service), two years from September 1, 1959, \$14,200 a year, supersedes (7-25-59).
- WHITNEY, GREENE R., Research Assistant in Psychiatry (Medicine), July 1, 1959-August 31, 1960, \$4800 a year (7-24-59).
- WICKS, EUGENE C., Instructor in Art, academic year beginning September 1, 1959, \$5400 (9-1-59).
- WILDING, LAWRENCE P., Assistant in Agronomy (S), July 1-September 15, 1959, \$400 a month (8-7-59).
- WILDER, DONALD E., Assistant in Physical Education for Men (Chicago Undergraduate Division), nine months from September 16, 1959, \$4200, in addition to \$500 paid from Student Athletic Activities, total salary \$4700 (7-13-59).
- WILK, KENNETH E., Research Assistant in the State Water Survey, eleven months from August 1, 1959, \$7200 a year, supersedes (8-15-59).
- WILLIAMS, RAYMOND A., Research Assistant in the Digital Computer Laboratory, eleven months from October 1, 1959, \$6000 a year (9-1-59).
- WILSON, HAROLD K., Research Associate in Food Technology (S), one year from September 1, 1959, \$6050, supersedes (8-7-59).
- WILSON, LOWELL E., Assistant in Dairy Marketing (Agricultural Economics) (S), five months from September 1, 1959, \$2033.35 (8-1-59).
- WOLFE, BARBARA V., Assistant in Education (University High School), nine months from September 16, 1959, \$5000 (8-25-59).

- WOODARD, JANICE E., Assistant Extension Editor, with rank of Instructor (E), August 15, 1959-August 31, 1960, \$5800 a year (8-28-59).  
 WORKS, ERNEST, Research Associate in Sociology, one year from September 1, 1959, \$6500, supersedes (8-15-59).  
 YUSKEN, JOHN W., Research Associate in Radiology (Medicine), July 9-August 31, 1959, \$583.33 a month (7-22-59).

#### GRADUATE FELLOWS

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

- ARGOUEDELIS, CHRISTOS, United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1959, \$2200 (8-20-59).  
 BAER, DANIEL, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), two months from July 1, 1959, \$300 a month (8-6-59).  
 BALLER, ROBERT S., Allergy Foundation of America Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (7-13-59).  
 BARDASIS, ANGELO, Minnesota Mining and Manufacturing Fellow in Physics, nine months from September 16, 1959, \$2000 (8-26-59).  
 BEULIGMANN, RAYMOND F., Motorola Corporation Paul V. Galvin Teaching Fellow in Electrical Engineering, September 16, 1959-January 31, 1960, \$1250 (6-26-59).  
 BLUM, HAYWOOD, Allegheny-Ludlum Steel Corporation Fellow in Physics, nine months from September 16, 1959, \$2000 (7-15-59).  
 BLUME, ELAINE N., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), June 22-August 31, 1959, \$600, supersedes (8-6-59).  
 BOGDANOVE, L. H., United States Public Health Service Postdoctoral Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), July 15, 1959-August 31, 1960, \$5500 a year (7-13-59).  
 BOND, HARLEY W., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, \$1800 (7-13-59).  
 BOROWITZ, GENE H., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1959, \$3000 (7-15-59).  
 BRINLING, JOHN C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, \$2000 (7-13-59).  
 BURNS, NED H., California Oil Company Fellow in Civil Engineering, nine months from September 16, 1959, \$2000 (8-19-59).  
 BUTLER, JOHN S., Ford Foundation Fellow (Trainee) in Mechanical Engineering, nine months from September 16, 1959, \$2000, supersedes (7-29-59).  
 CARBERRY, MARTHA M., United States Public Health Service Fellow (Trainee) in Education, two months from June 16, 1959, \$450 (7-20-59); and nine months from September 16, 1959, \$1800 (8-25-59).  
 CARLSON, CHARLES G., Procter and Gamble Company Fellow in Chemistry, nine months from September 16, 1959, \$1800 (6-26-59).  
 CASTEN, CHRIS P., United States Public Health Service Post-Sophomore Dental Student Research Fellow (Trainee) (Chicago Professional Colleges), one year from July 1, 1959, \$3200 (8-14-59).  
 CLIFF, MAY, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), two months from June 29, 1959, \$600 (7-13-59).  
 COOK, GLENN M., Drug and Chemical Industries Teaching Fellow in Chemistry, nine months from September 16, 1959, \$1000, supersedes (7-10-59).  
 COOPER, LESLIE M., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, \$2400 (8-28-59).  
 DOPUCH, NICHOLAS, Ford Foundation Fellow in Accountancy, nine months from September 16, 1959, \$2516 (7-27-59).  
 ECKLUND, ROBERT E., United States Public Health Service Postdoctoral Fellow (Trainee) in Medicine (Arthritis and Metabolic Diseases) (Chicago Professional Colleges), one year from July 1, 1959, \$3600 (8-14-59).



- EIBECK, RICHARD E., Victor Chemical Works Fellow in Chemistry, two months from June 16, 1959, \$350, supersedes (8-8-59).
- ENDRES, JOSEPH G., United States Public Health Service Fellow (Trainee) in Food Technology, two months from June 16, 1959, \$183.33 a month (7-13-59).
- FUHRER, MARCUS J., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, \$2400 (8-28-59).
- GANNIS, JOSEPH L., JR., United States Public Health Service Fellow (Trainee) in Education, nine months from September 16, 1959, \$2000 (8-25-59).
- GAUSMAN, MRS. MILDRED, Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4860 (6-24-59).
- GOULD, PHILLIP L., Fellow in Civil Engineering, February 1-June 15, 1960, \$750 (7-6-59).
- HALASZ, MICHAEL F., United States Public Health Service Postdoctoral Fellow (Trainee) in Neuropharmacology (Chicago Professional Colleges), one year from September 1, 1959, \$4500 (8-18-59).
- HART, MRS. ALICE G., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$780 (5-8-59).
- JACOBSON, MARCUS, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1959, \$3000 (7-15-59).
- JOHNSON, HAROLD J., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, \$2400 (8-28-59).
- KAUFMAN, LEE, United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, \$2000 (8-28-59).
- KELLY, THOMAS J., Eastman Kodak Company Teaching Fellow in Mechanical Engineering, nine months from September 16, 1959, \$1000 (8-20-59).
- KIESLER, DONALD J., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, \$2000 (8-28-59).
- KIM, DONG HOON, United States Public Health Service Fellow (Trainee) in Food Technology, two months from June 16, 1959, \$183.33 a month (7-13-59).
- KIMURA, HIROSHI, American Dairy Association Fellow in Food Technology, nine months from September 16, 1959, \$1500 (8-21-59).
- KOPACZYK, KRYSZYNA, United States Public Health Service Fellow (Trainee) in Food Technology, one year from June 16, 1959, \$2200 (7-16-59).
- KRILL, ALEX, United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), one year from July 1, 1959, \$3520 (7-20-59).
- McCLIMENT, EDWARD R., Union Carbide Corporation Fellow in Physics, nine months from September 16, 1959, \$2100 (8-26-59).
- MENACHOF, IRWIN, United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), one year from July 1, 1959, \$4020 (7-24-59).
- MILLER, HOWARD L., Ford Foundation Fellow in Business, nine months from September 16, 1959, \$2522 (7-27-59).
- MORRIS, CHARLES E., JR., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$720, supersedes (7-17-59).
- MURTHA, JOSEPH P., Thomas C. Shedd Teaching Fellow in Civil Engineering, nine months from September 16, 1959, \$2000 (7-8-59).
- MUSLIN, HYMAN, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1959, \$3000 (7-15-59).
- PAPAGEORGIS, DEMETRIOS, United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, \$2000 (8-28-59).
- PAUL, JAMES W., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, \$2300 (8-18-59).
- PETERSON, DEAN G., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), two months from June 29, 1959, \$600 (7-13-59).
- PIERCE, JAN R., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, \$2400 (8-28-59).
- POTTLE, CHRISTOPHER, Collins Radio Company Teaching Fellow in Electrical Engineering, nine months from September 16, 1959, \$1500 (6-26-59).

- ROSENE, GORDON, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), June 22-August 31, 1959, \$591 (8-6-59).
- ROSS, JOAN L., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4440, supersedes (7-7-59).
- RYAN, WILL, United States Public Health Service Postdoctoral Fellow (Trainee) in Medicine (Arthritis and Metabolic Diseases) (Chicago Professional Colleges), one year from July 1, 1959, \$4500 (7-13-59).
- SALVO, GLORIA, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, \$1800 (7-13-59).
- SCHULMAN, ROBERT E., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, \$2000 (8-28-59).
- SIMMONS, RONALD E., Eastman Kodak Company Fellow in Economics, nine months from September 16, 1959, \$2500 (8-7-59).
- SOAN, (MISS) GREGORIA L., Fellow in Law, nine months from September 16, 1959, \$1200 (7-24-59).
- SOLOWAY, HARRY, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), two months from July 1, 1959, \$300 a month (7-13-59).
- STARBUCK, WESLEY C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, \$3200 (7-13-59).
- STEIN, HERBERT J., Television Shares Management Corporation Teaching Fellow in Electrical Engineering, nine months from September 16, 1959, \$2000 (6-29-59).
- TENNY, KENNETH S., United States Public Health Service Fellow (Trainee) in Food Technology, one year from June 16, 1959, \$2200 (7-16-59).
- TVETEN, JOHN L., Minnesota Mining and Manufacturing Company Fellow in Chemistry, nine months from June 16, 1959, \$2000, supersedes (8-7-59).
- VANMETER, WILLIAM, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, \$2300 (8-18-59).
- WACASER, LAWRENCE K., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), two months from June 16, 1959, \$600 (7-13-59).
- WALKER, BRIAN L. H., United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1959, \$2200 (8-20-59).
- WRIGHT, ROBERT E., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, September 16, 1959-January 31, 1960, \$1000 (8-28-59).
- YANO, NOBUMITSU, United States Public Health Service Fellow (Trainee) in Food Technology, two months from June 16, 1959, \$183.33 a month (7-13-59); and one year from September 1, 1959, \$2200 (8-20-59).
- YOUNGQUIST, GORDON R., Minnesota Mining and Manufacturing Company Fellow in Chemical Engineering, nine months from September 16, 1959, \$2000, supersedes (8-7-59).

#### CANCELLATIONS, DECLINATIONS, AND RESIGNATIONS

- AGOSTA, WILLIAM C., Postdoctoral Fellow in Chemistry — resignation effective September 1, 1959.
- AINSWORTH, STANLEY, Research Associate in Botany — declination effective September 1, 1959.
- BANKS, EDWIN M., Assistant Professor of Animal Science — resignation effective July 1, 1959.
- BECK, RICHARD J., Instructor in General Engineering — resignation effective September 1, 1959.
- BERNHARDT, BERNADINE A., Instructor in Home Economics — resignation effective September 1, 1959.
- BOYLE, PAUL O., Assistant Professor of Applied Materia Medica and Therapeutics (Dentistry) — resignation effective September 1, 1959.
- BRADFORD, VIRGIL E., Research Assistant in Ceramic Engineering — resignation effective August 28, 1959.
- BREGMAN, ELEANOR T., Research Assistant in Surgery (Medicine) — declination effective September 1, 1959.

- BRENNER, HOWARD B., Physician in the Health Service (Chicago Professional Colleges) — resignation effective August 1, 1959.
- BUCKMAN, CHARLES M., Instructor in Clinical Dentistry (Dentistry) — resignation effective September 1, 1959.
- BUCKNALL, BARBARA J., Catalog Assistant in the Library — resignation effective September 1, 1959.
- CARSON, ARTHUR M., Instructor in Mechanical Engineering — resignation effective September 1, 1959.
- CASSIDY, SALLY A., Illini Union Browsing Room Librarian, with rank of Instructor — declination effective September 1, 1959.
- CHEN, MRS. HAN-LIN HWANG, Assistant in Home Economics — resignation effective September 1, 1959.
- CHRYSSAFOPOULOS, NICHOLAS, Assistant Professor of Civil Engineering — resignation effective September 1, 1959.
- CROSS, K. PATRICIA, Assistant Dean of Women — resignation effective September 1, 1959.
- DOBEREINER, DAVID A., Instructor in Architecture — resignation effective September 1, 1959.
- DOSICK, MARTIN L., Research Assistant in Sociology — declination effective September 1, 1959.
- EBNER, MRS. DOROTHY C., Research Assistant in Home Economics — resignation effective September 1, 1959.
- EDWARDS, BRUCE, Assistant Professor of Economics — resignation effective September 1, 1959.
- FLANAGAN, HUGH J., Instructor in Crowns and Fixed Partial Dentures (Dentistry) — resignation effective September 1, 1959.
- FRASER, DOROTHY K., Research Associate in Microbiology — declination effective September 1, 1959.
- GAUDY, ELIZABETH T., Research Assistant in Plant Pathology — declination effective September 1, 1959.
- GREENBLATT, ROBERT, Fellow in Mathematics — declination effective September 16, 1959.
- HARTMANN, LEAH N., Coordinator of Arbor Suites — declination effective August 19, 1959.
- HIGHAM, CLAIRE I., Microanalyst in Chemistry — declination effective September 1, 1959.
- HILSDORF, HUBERT, Assistant in Theoretical and Applied Mechanics — declination effective September 1, 1959.
- IRVINE, PETER M., Instructor in Crowns and Fixed Partial Dentures (Dentistry) — resignation effective September 1, 1959.
- ISAACS, HART, Research Associate in Biological Chemistry (Medicine) — resignation effective July 1, 1959.
- JOHNSON, BETTY J., Research Assistant in Animal Science — declination effective September 1, 1959.
- JONES, ALICE J., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education — declination effective June 16, 1959.
- JUNG, ALLEN F., Assistant Professor of Economics (Chicago Undergraduate Division) — cancellation effective September 1, 1959.
- KAEERLE, MERLIN L., Instructor in Veterinary Research (Agricultural Experiment Station) and in Veterinary Clinical Medicine (College of Veterinary Medicine) — declination effective September 1, 1959.
- KASSRIEL, ROBERT S., Instructor in Medicine (Medicine) — declination effective September 1, 1959.
- KOZAK, EDWARD J., Instructor in Full and Removable Partial Dentures (Dentistry) — resignation effective September 1, 1959.
- KREER, JOHN B., Assistant Professor of Electrical Engineering — resignation effective September 1, 1959.
- LEISTER, JAMES W., Adjutant in Military Science and Tactics (Army R.O.T.C.) — resignation effective July 31, 1959.
- LIFTON, WALTER M., Associate Professor of Education — resignation effective September 1, 1959.
- LOOMIS, CAROL L., Assistant in Home Economics — resignation effective September 16, 1959.

- LOWENSTEIN, JOSEPH R., Fellow in Accountancy — declination effective September 16, 1959.
- LYTLE, MYRA, Extramural Loans Librarian, with rank of Instructor — resignation effective October 13, 1959.
- MASON, JACK R., Instructor in Orthodontics (Dentistry) — declination effective September 1, 1959.
- MATHEWS, ARCHIE, Instructor in General Engineering — resignation effective September 1, 1959.
- MCCONNELL, WILLIAM R., Assistant Professor of Education (Bureau of Educational Research) — resignation effective September 1, 1959.
- McNAMARA, EUGENE J., Instructor in English (Chicago Undergraduate Division) — resignation effective September 1, 1959.
- MILLER, ELMO E., Research Associate in Psychology — declination effective September 1, 1959.
- MORICI, ANTHONY R., Instructor in Accountancy (Chicago Undergraduate Division) — cancellation effective September 1, 1959.
- MORRISON, GEORGE A., Research Assistant in Chemistry — resignation effective September 1, 1959.
- MYERS, BASIL R., Assistant Professor of Electrical Engineering — resignation effective September 1, 1959.
- NARDINI, WILLIAM, Research Associate in Sociology — declination effective September 1, 1959.
- NISHI, SYOGORO, Research Associate in Psychiatry (Medicine) — resignation effective September 1, 1959.
- OHNO, MASAJI, Research Assistant in Chemistry — resignation effective August 15, 1959.
- PETERSON, BEVERLY J., Commerce and Sociology Library Assistant, with rank of Instructor — resignation effective September 1, 1959.
- PITTS, HENRY, Assistant Professor of Psychology, Department of Psychiatry (Medicine) — resignation effective August 16, 1959.
- RAPP, MARIE A., Reference Librarian and Assistant Professor of Library Administration (Chicago Undergraduate Division) — declination effective September 1, 1959.
- RHODES, LAURA E., Assistant Editor in the Engineering Experiment Station — declination effective September 1, 1959.
- RICE, MARTIN R., Extension Specialist in the Division of University Extension — resignation effective August 31, 1959.
- RIDER, RICHARD L., Assistant Professor of Radio and Television, and Assistant Manager of the Television Station and Supervisor of Television-Motion Pictures — declination effective September 1, 1959.
- RIEHL, JEAN-LOUIS R., Instructor in Pharmacology (Medicine) — declination effective September 1, 1959.
- SANDERS, WALLACE W., JR., Research Associate in Civil Engineering — declination effective September 1, 1959.
- SCOBEL, HUGO, Lecturer in Mechanical Engineering — declination effective October 16, 1958.
- SHOULDERS, BEN A., Spectroscopist in the Department of Chemistry and Chemical Engineering — declination effective September 1, 1959.
- SRINI VASAN, V. R., Research Associate in Microbiology — resignation effective September 1, 1959.
- STEYERT, WILLIAM A., JR., Research Associate in Physics — cancellation effective October 1, 1958.
- SULLIVAN, PATRICIA J., Bibliographer in the Library, with rank of Instructor — declination effective September 1, 1959.
- TIFFANY, THEODORE L., Coordinator of College Days Program, in the Office of Admissions and Records — resignation effective September 1, 1959.
- VANDAM, GERRITT C., Research Assistant in Dairy Science — declination effective September 1, 1959.
- WEISSMAN, HERMAN B., Assistant Professor of Physics (Chicago Undergraduate Division) — declination effective September 1, 1959.
- WEITAMAN, YECHIEL, Fellow in Theoretical and Applied Mechanics — declination effective September 16, 1959.
- WELLS, WARREN, Research Assistant in Biological Chemistry (Medicine) — resignation effective July 31, 1959.

- WEMPNER, GERALD A., Assistant Professor of Theoretical and Applied Mechanics — declination effective September 1, 1959.
- WESTINE, JOHN R., Instructor in Histology (Dentistry) — resignation effective September 1, 1959.
- ZAWLOCKI, EUGENE A., Instructor in Crowns and Fixed Partial Dentures (Dentistry) — resignation effective September 1, 1959.
- ZIMMERMAN, HELEN F., Acting Fine Arts Librarian and Instructor in Library Administration (Chicago Undergraduate Division) — declination effective September 1, 1959.

#### LEAVES OF ABSENCE

- CULBERT, JOHN R., Associate Professor of Floriculture (Horticulture), in the College of Agriculture and in the Agricultural Experiment Station — leave of absence, without pay, for seven months from December 1, 1959, so that he may serve as an advisor to the Framptons Nurseries, Chichester, England.
- FISCH, MAX H., Professor of Philosophy — leave of absence, without pay, for the second semester of the academic year 1959-60, so that he may accept the Rockefeller Foundation grant to do work on a biography of Charles Sanders Peirce, philosopher and scientist.
- GARCEAU, DIANA R., Assistant in Physical Medicine and Rehabilitation, in the College of Medicine — leave of absence, without pay, beginning June 29 and continuing through July 31, 1959.
- GRIBBENS, LORRAINE E., Registered Pharmacist and Research Associate in Manufacturing Pharmacy, in the College of Pharmacy — extension of leave of absence, without pay, beginning July 18, 1959, and continuing through August 31, 1960.
- GUILLEMIN, VICTOR, Professor of Biophysics and Biophysicist in the Aeromedical and Physical Environment Laboratory (Chicago Professional Colleges) — leave of absence, without pay, beginning September 15, 1959, and continuing through September 14, 1960, so that he may participate in the Academic Year Institute program at Harvard University for advanced training in physics for high school physics teachers.
- HAGGARD, ERNEST, Professor of Psychology, in the Department of Psychiatry, in the College of Medicine — leave of absence, without pay, beginning July 12 and continuing through August 31, 1959.
- KUPPERMANN, ARON, Assistant Professor of Physical Chemistry — leave of absence, without pay, for the academic year 1959-60, so that he may accept an invitation by the Brazilian government to organize a research group in radiation chemistry to be carried out at the Brazilian Institute of Atomic Energy in Sao Paulo.
- LIFE, DALE M., Assistant Professor of Full and Removable Partial Dentures, in the College of Dentistry — extension of leave of absence, without pay, for one year beginning September 1, 1959.
- MARWAH, AMARJIT S., Instructor in Oral Pathology, in the College of Dentistry — leave of absence, with pay, beginning September 1, 1959, and continuing through February 29, 1960, so that he may conduct a special research phase on systemic factors of periodontal disease in India.
- MCPHERSON, WILLIAM H., Professor of Economics, in the Institute of Labor and Industrial Relations — leave of absence, with pay, beginning May 15 and continuing through June 20, 1959, on account of ill health.
- PEART, ROBERT M., Assistant Professor of Agricultural Engineering, in the College of Agriculture and in the Agricultural Experiment Station — extension of leave of absence, without pay, beginning September 15, 1959, and continuing to June 15, 1960, so that he may complete his work for the Ph.D. degree.
- PUGH, ROBERT C., Assistant Professor of History in the Division of General Studies, and Counselor in the Student Counseling Service — leave of absence on account of illness, with pay, from September 1, 1959, through November 15, 1959, and leave without pay, beginning November 16, 1959, and continuing until he is able to return to duty.
- ROBERTSON, DONALD C., Instructor in Art — leave of absence, without pay, for the academic year beginning September 1, 1959, so that he may study and continue his work as a painter in Europe.

WARREN, WILLIAM D., Professor of Law—leave of absence, without pay, for the academic year 1959-60, so that he may accept an appointment as a Visiting Professor of Law at the University of California at Los Angeles.

#### CANCELLATION OF LEAVES OF ABSENCE

JORDAN, GARRET L., Professor of Agricultural Economics, in the College of Agriculture and in the Agricultural Experiment Station—sabbatical leave of absence on full pay for six months from September 1, 1959, cancelled.

ROUFFA, ALBERT S., Associate Professor of Biological Sciences, in the Chicago Undergraduate Division—sabbatical leave of absence for the academic year 1959-60 cancelled without prejudice.

#### RETIREMENTS

KENNY, MRS. ANNA W., Assistant Professor of English, *Emerita*, effective September 1, 1959.

ZIMMERMANN, ARNOLD A., Professor of Anatomy, *Emeritus*, effective September 1, 1959.

#### DEGREES CONFERRED IN AUGUST

The Secretary presented for record the following list of degrees conferred at Urbana on August 10, 1959, on recommendation of the Urbana Senate and by authority of the Board of Trustees.

##### Summary

##### Degrees in the Graduate College:

Master of Arts.....	78
Master of Science.....	258
Master of Music.....	7
Master of Education.....	156
Master of Fine Arts.....	3
Master of Architecture.....	2
Master of Accounting Science.....	1
Advanced Certificate.....	12
<i>Total, Graduate College.....</i>	<i>(517)</i>

##### Degrees in Law:

Bachelor of Laws.....	9
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##### Baccalaureate Degrees:

Bachelor of Science, College of Agriculture.....	28
Bachelor of Science, College of Engineering.....	125
Bachelor of Arts, College of Liberal Arts and Sciences.....	45
Bachelor of Science, College of Liberal Arts and Sciences.....	38
Bachelor of Science, College of Education.....	45
Bachelor of Science, College of Commerce and Business Administration...	41
Bachelor of Science, College of Journalism and Communications.....	7
Bachelor of Architecture, College of Fine and Applied Arts.....	2
Bachelor of Fine Arts, College of Fine and Applied Arts.....	8
Bachelor of Music, College of Fine and Applied Arts.....	1
Bachelor of Science, College of Fine and Applied Arts.....	8
Bachelor of Science, College of Physical Education.....	9
Bachelor of Science, Division of Special Services for War Veterans.....	23
<i>Total, Baccalaureate Degrees.....</i>	<i>(380)</i>
<i>Total, Degrees Conferred at Urbana.....</i>	<i>906</i>

#### GRADUATE COLLEGE

##### Degree of Master of Arts

##### *In Anthropology*

ROBERT WILLIAM WAGNER, A.B., 1957

##### *In Art Education*

GLORIA ANGELA DINNELLA BERNHEIM, B.F.A., 1958

BONNIE LEE HATCH, A.B., Mary Washington College, 1958

ELIZABETH AMELIA KITE, A.B., Mary Washington College, 1958  
ANITA ELIZABETH UNRUH, B.S., Illinois State Normal University, 1951

*In Economics*

THOMAS DEAN CLARK, A.B., Illinois College, 1958  
DUANE KEITH KESSLER, B.S., 1958

*In English*

MAVIS AINSWORTH, A.B., University of London, 1952  
MILDRED JEAN ANDERSON, A.B., DePauw University, 1958  
CLARA BELL ANTHONY, A.B., Morgan State College, 1958  
ROBERT ADDISON BAIN, B.S., Eastern Illinois University, 1954  
ROBERT PAUL BURKE, B.S., M.S., New Mexico Western College, 1955, 1956  
ROBERT DAVID CURRIE, A.B., DePauw University, 1956  
CLAYTON AUGUST FISCHER, B.S., Concordia Teachers College (Illinois) 1957  
JOHN ROBERT MARTIN, A.B., Lawrence College, 1958  
MIRIAM LEE MATHEWS, A.B., Willamette University, 1958  
SARAH ANN MUECKE, A.B., North Texas State College, 1958  
VIRGINIA MAE ROTH, A.B., Eastern Michigan College, 1958  
JANE ADELLE SCHNABEL, A.B., Hanover College, 1953  
JUDITH ANNE SWEITZER, A.B., Kalamazoo College, 1958  
PETER DRAGI ZIVKOVIC, B.S., 1957

*In French*

ANNE MARIE FENTON CARTER, A.B., Barnard College, 1958  
HELGA MARIA WOLIN, A.B., 1959

*In Geography*

JOHN RICHARD BERNICK, A.B., Western Reserve University, 1956  
RAY SHIGEMASA FUKUMOTO, B.S., 1956

*In German*

STELLA PAGALYS ROSENFELD, A.B., 1957

*In Greek*

JOHN BABCOCK VAN SICKLE, A.B., Harvard College, 1958

*In History*

LARRY ALFRED EVANS, A.B., Blackburn College, 1958  
JOHN RICHARD FRISCH, B.S., Wisconsin State College (Stevens Point), 1956  
BILL JULIUS ISAACS, A.B., Olivet Nazarene College, 1958  
BUDDY GENE WEBB, A.B., Augustana College, 1957  
ALAN LINDSAY WHIPPLE, Ohio Wesleyan University, 1955

*In Labor and Industrial Relations*

MARCUS EUGENE PERRY, A.B., Baker University, 1957  
GERALD WILFRED WHEATLEY, A.B., University of British Columbia, 1952  
RONALD CHARLES WILSON, B.S., Iowa State College, 1957

*In Philosophy*

RICHARD LEE CORLISS, A.B., Taylor University, 1954; B.D., Northern Baptist Theological Seminary, 1957

*In Political Science*

ROBERT ALLEN PACKENHAM, A.B., Augustana College, 1958  
VICTOR ANTHONY SAPIO, A.B., College of Wooster, 1958

*In Psychology*

ALAN RONALD BASS, A.B., Washington University, 1953  
ALAN MICHAEL MARCUS, A.B., University of Toronto, 1957  
THEODORE LEE TIFFANY, A.B., Kalamazoo College, 1954

*In Social Sciences*

GORDON LEVERNE COTTRELL, B.S., Illinois State Normal University, 1948  
ROBERT CHARLES DROPP, B.S., Northern Illinois University, 1958  
HAROLD HOMER MORSE, JR., B.S., 1958  
RONALD LEE PODESCHI, A.B., Northwestern University, 1955  
EDNA PAUL RICHMOND, B.S., 1926  
EUGENE ANDREW YOUNG, A.B., Millikin University, 1957

*In Spanish*

JOSEPH LUCIANO LAURENTY, A.B., 1958  
DANIEL PATRICK ORT, A.B., Ball State Teachers College, 1958  
MAYNARD LEON SAXBY, B.S., Illinois State Normal University, 1956  
DONNA JEAN STRACHAN, A.B., Aquinas College, 1956  
JEANNIE KATHERINE TOSCANO, A.B., McGill University, 1956  
WILLIAM WEKSEL, A.B., Queens College, 1958

*In Speech*

ANN ELLA FAUBION ARMSTRONG, A.B., William Jewell College, 1958  
JEAN VALJEAN CUTLER, A.B., Lynchburg College, 1955  
PRISCILLA DEAN GUEZEC DAY, A.B., College of the Pacific, 1958  
JOAN GERTRUDE GLINSKI, Ph.B., University of Detroit, 1957  
RICHARD GEORGE KJELLAND, A.B., 1958  
JOHN LEROY LECKEL, B.S., 1956  
LYLE LEWIS LLOYD, B.S., Eastern Illinois University, 1956  
BARBARA ANN MATHEWS, A.B., Ripon College, 1957  
DONALD IVAN MCGEE, B.S., 1957  
HENRY ELLIOTT THARP, A.B., Kansas State Teachers College (Emporia), 1958  
PATRICIA ANN JENSEN WEISENBURGER, A.B., 1956  
RONALD CORNELIUS WERNER, A.B., Colorado State College, 1957  
BARBARA JEAN YOWELL, B.S., Indiana State Teachers College, 1952

*In the Teaching of English*

VIVIEN JEANNE COSTELLO, A.B., Rosary College, 1955  
THOMAS KING EHRET, B.S., University of Colorado, 1955  
RETA JOYCE HALDORSON, B.S., Northern Illinois University, 1953  
JOAN VOLKERS, A.B., Asbury College, 1949

*In the Teaching of French*

SUSAN MCGILLIVRAY LEONARDO, A.B., 1958  
GARDNER REED WALMSLEY, A.B., Olivet Nazarene College, 1953

*In the Teaching of Social Studies*

JAMES LOWRY BOLDEN, A.B., Tougaloo College, 1952  
HAROLD EBERHARDT GROTE, A.B., Elmhurst College, 1955  
JAMES MOODY MASON, B.S., Berry College, 1942  
JOHN BENJAMIN MCNEILL, B.S., Southern Illinois University, 1951  
ARTHUR PATOFF, A.B., 1958

*In the Teaching of Spanish*

MARY CAROLE BARTNIK, A.B., St. John's University (New York), 1958

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

JAMES WILLIAM GIESE, A.B., University of Washington, 1947  
THOMAS HOWARD WILLIAMS, B.B.A., University of Cincinnati, 1958



*In Advertising*

DANIEL WYATT SPINK, B.S., 1957  
GENE ALLAN WALLACE, B.S., 1954

*In Aeronautical Engineering*

EUGENE YU CHANG, B.S., South Dakota School of Mines and Technology, 1957  
ALAN CHARLES CULVER, B.S., 1958  
DAVID JOE PIERCE, B.M.E., North Carolina State College, 1957

*In Agricultural Economics*

GARY KEITH BIELFELDT, B.S., 1958  
ROBERT LIUDAHN BROWN, B.S., North Dakota Agricultural College, 1950  
JEREMIAH EDWARD FRUIN, B.S., 1958  
WILLIAM DAVID GORMAN, B.S., 1958  
CLYDE LOCKWOOD MARINE, B.S., University of Tennessee, 1958  
BAGICHA SINGH MINHAS, B.S., A.M., Panjab University, 1949, 1953

*In Agricultural Education*

HAROLD EDWARD BREECE, B.S., 1958  
CARL JOSEPH KENSIL, B.S., 1951  
ELDON LAWRENCE STARKWEATHER, B.S., 1947

*In Agricultural Engineering*

EDWARD HENRY FARNAN, JR., B.S., University of Maine, 1956  
MELVIN RAY SMITH, B.S., Oklahoma State University, 1958

*In Agronomy*

WESLEY GERHARDT BIERITZ, B.S., 1958  
DONALD BROOKS FREEMAN, B.S., University of Tennessee, 1957  
JAMES FERDINAND STEINKAMP, B.S., 1953  
GEORGE ORELL WALKER, B.S., Oklahoma State University, 1938

*In Animal Science*

ROBERT CATES WADE, B.S., University of Kentucky, 1958  
DAVE COLEMAN WILLIAMS, JR., B.S., Oklahoma State University, 1952

*In Architectural Engineering*

EARL WALLACE HENDERSON, JR., B.Arch., 1954  
DONALD CAPEN McELFRESH, B.Arch., 1958  
DENNIS HENRY SAPP, B.S., 1955

*In Biological Sciences*

ALAN CHARLES BUCK, B.S., 1954  
MARY LUCILLA WELLER, A.B., Clarke College, 1952

*In Ceramic Engineering*

RONALD KENNETH BART, B.S., 1958  
VIRGIL EARL BRADFORD, B.Cer.E., Ohio State University, 1954  
KANAIYALAL NATWARLAL PARIKH, B.Sc., Benares Hindu University (India), 1950  
DAVID LAVERNE WILCOX, B.S., Alfred University, 1958

*In Chemical Engineering*

DAVID WALSH GREGG, A.B., Dartmouth College, 1957

*In Chemistry*

NING-SUN CHANG FAN, B.Sc., Taiwan Normal University, 1956  
HENRY GRUEN, B.S., Massachusetts Institute of Technology, 1956

THOMAS EVAR NELSON, B.S., 1957

LAWRENCE HENRY SHEPHERD, JR., B.S., Millsaps College, 1957

*In City Planning*

WALTER THOMAS MILLINER, B.S., University of Virginia, 1951

*In Civil Engineering*

FURMAN WYCHE BARTON, B.C.E., University of Virginia, 1954

PRAMOOK BOONYARATAVEJ, B.S., Chulalongkorn University, 1955; M.S., Pennsylvania State University, 1957

PRAKOB DEJ UDOM, B.S., Chulalongkorn University, 1954

KISHOR DHARAMSI DOSHI

COLIN JAMES FLEMING, B.S., University of Natal, 1950

RAUL ERICH FRADINGER, C.E., National University of Cordoba, 1957

CHITTA RANJAN GANGOPADHYAY, B.Tech., M.Tech., Indian Institute of Technology, 1956, 1958

JAIME DE AZEVEDO GUSMÃO FILHO, C.E., University of Recife (Brazil), 1954

ROOP LALL JINDAL, National Diploma, Government Engineering College (Jabalpur), 1957

EUGENE LOUIS JOERNS, B.S., 1956

WILLIAM ARTHUR KEENAN, B.S., University of Massachusetts, 1957

THOMAS CHOCK HEE LUM, B.S., Washington University, 1951

JAIME SANTAMARIA-SERRANO, B.S., University of Pittsburgh, 1958

STANLEY EDWARD SCHOLL, B.S., 1958

WILLIAM VÁZQUEZ AGRAIT, B.S., University of Puerto Rico, 1950

JOHN EDWARD WAGNER, B.S., United States Military Academy, 1950

*In Commercial Teaching*

DORINE LOUISE CHANCELLOR, B.S., 1956

WRITESMAN LONG, B.S., Eastern Illinois University, 1956

*In Economics*

SAM BARONE, B.S., 1958

EVERETT STEPHEN SCHLETER, B.S., 1958

*In Education*

WILLIAM JOHN TISDALL, B.S., 1956

*In the Education of Mentally Handicapped Children*

NANCY JANE CALHOUN, A.B., MacMurray College, 1958

ELEANOR NANCY GURIAN, B.S., New Haven State Teachers College (Connecticut), 1958

*In Electrical Engineering*

CLIFFORD HOLLIS ALLEN, JR., B.S., Colorado State University, 1953

MYRON EUGENE ARMSTRONG, B.S., 1958

JACK ROGER BAIRD, B.S., 1958

KEITH GEORGE BALMAIN, B.A.Sc., University of Toronto, 1957

CAMERON WALLACE BLACHFORD, B.S., University of Saskatchewan, 1953

GEORGE WARREN BOTBYL, B.S., United States Naval Academy, 1954

GEORGE LUDWIG BUENGER, B.S., 1958

JOHN THOMAS CONLEY, B.S., United States Naval Academy, 1953

BRUCE DONALD ELLIOTT, B.S., 1958

DANIEL EUGENE FARMER, B.E.E., Clarkson College of Technology, 1956

MERTON WARNER FERGUSON, B.S.E., University of Connecticut, 1951

HARVEY ALLEN GEERTS, B.S., 1958

JAMES FRANCIS GRUDER, B.S., 1958

RICHARD ROBERT HOLBACH, B.S., 1958

WILLIAM ANTHONY KREROWICZ, B.S., Illinois Institute of Technology, 1957

PAUL HOWARD LEWIS, B.S., Rose Polytechnic Institute, 1957

JOSÉ ANTONIO ORTIZ-PRADERE, E.E., School of Industrial Technology (Spain), 1956

JOHN PATRICK PORTASIK, B.S., Virginia Military Institute, 1952  
 SUNKARA NAGESWARA RAO, B.Eng., University of Madras, 1957  
 MARTIN NORMAN SCHLEIFER, B.S., 1958  
 MUHAMMADI SISWOSUDARMO, Candidate Exam., University of Indonesia, 1957;  
 M.S., University of Kentucky, 1959  
 HERBERT JOSEPH STEIN, B.S., 1958  
 ERNEST EUGENE STONER, B.S., 1952  
 ROBERT JOSEPH STRAIN, B.S., 1958  
 WILLIAM JOHN THOMPSON, B.S., Massachusetts Institute of Technology, 1954  
 TSU MING YEH, B.S., Taiwan Provincial Cheng Kung University, 1955

*In Finance*

LEONARD JAY SANTOW, B.S., 1957

*In Geography*

HOLLY WARREN BYRNE, B.S., Illinois State Normal University, 1958  
 BYRON MILTON DAUGHERTY, B.S., Southwest Missouri State College, 1952  
 ROWELL EINSTEIN DEBYSINGH, A.B., 1948  
 GEOFFREY ROGER GLEAVE, A.B., University of Oxford, 1957  
 DAVID ANTHONY PRESTON, A.B., University of Sheffield, 1958

*In Geology*

ROBERT EUGENE BISHOP, B.S., 1954  
 ROBERT LESLIE NIEMANN, B.S., University of Nebraska, 1957

*In Health Education*

RONALD ANGELO FUSCO, A.B., Hunter College, 1958  
 WALTER RAYMOND GART, B.S., 1957  
 HENRY WILLIAM MILLER, JR., B.S. (Recreation), B.S. (Physical Education), B.S. (Health Education), 1952, 1956, 1956  
 RAY ANNE SHRADER, B.S., University of Utah, 1951

*In Home Economics*

GAIL ELAINE ARK, B.S., Manchester College, 1957  
 JOAN KAY FREITAG, B.S., 1957  
 MARJORIE FUGATE, B.S., Southern Illinois University, 1952  
 MIRIAM EDIE HANCOCK, B.S., Western Illinois University, 1953  
 ROBBIE ELISE LATTI, B.S., George Peabody College for Teachers, 1933  
 MARJORIE JANE LEACH, B.S., 1954  
 FRANCES MARIAN LINDLEY, B.S., Indiana University, 1953  
 JANICE JOYNER MACLIN, B.S., University of Tennessee, 1957  
 JANE PURDUM, B.S., Northwestern University, 1952  
 SISTER MARTIN MARY THUNDYIL, A.B., Mundelein College, 1958

*In Home Economics Education*

VIOLA BELLE HERINGTON, B.S., Colorado State University, 1944  
 GERTRUDE DORIS KUHN, B.S., Wheaton College, 1957

*In Horticulture*

HARVEY JOSEPH HORTIK, B.S., 1957  
 JACK CORUM SHANNON, B.S., University of Tennessee, 1958  
 HARRY KIYOSHI TAYAMA, B.S., 1958  
 EDWARD VAN DRUNEN, B.S., 1958

*In Library Science*

MARY CLEO BANKHEAD, A.B., University of Missouri, 1923  
 SUSAN JANE BUSH, A.B., Indiana State Teachers College, 1958  
 EVANGELINE CHEKOURAS, A.B., Lake Erie College, 1954  
 HELEN JUNE CHICK, B.S., 1958  
 ELIZABETH ANNE COFFEE, A.B., Piedmont College, 1958

LILLIAN MCKINNEY COOLEY, A.B., Spelman College, 1955  
DOROTHY CORINNE COUGER, A.B., Phillips University, 1958  
MARGARET ALLEN FLINT, A.B., William Smith College, 1958  
MARGARET ANNE FRAMPTON, A.B., Duke University, 1940  
KATHRYN LOUISE MANKIN FREDENBERGER, B.S., Southern Illinois University, 1952  
CHARITY LEOMA HEADRICK GREENE, B.S., Austin Peay State College, 1949; A.M., University of Tennessee, 1956  
JAMES EDWARD GRIGGS, B.S., Southern Illinois University, 1949  
VIOLA HANSEN HETZEL, A.B., A.B., University of Washington, 1945, 1946  
DOUGLAS MARTIN HIEBER, A.B., Cornell College (Iowa), 1955  
ANN ELIZABETH KERKER, B.S., Purdue University, 1933  
RAMONA MADSON, B.S., Utah State Agricultural College, 1955  
JOHNELLA HUTCHINGS MARTIN, A.B., Tennessee Agricultural and Industrial State University, 1954  
CLEO HEPKER McMULLEN, A.B., Greenville College, 1928  
TAKU FRANK NIMURA, A.B., Sacramento State College, 1957  
WILLIAM JOSEPH NYE, A.B., Carthage College, 1950  
MARY LOUISE PLYMELL, B.S., Northwest Missouri State Teachers College, 1949  
LUCILLE DOROTHY PRICKETT, B.S., College of St. Teresa, 1956  
HAROLD JOHN RATH, B.S., A.M., State University of Iowa, 1930, 1931  
CECIL EARL ROBERTS, A.B., A.M., State University of Iowa, 1948, 1952  
RACHEL PETERSON ROLLER, A.B., Brenau College, 1930  
JOANNE RUTH SERGEANT, A.B., Augustana College, 1958  
LILLIAN LIEUTICHER SKINNER, A.B., Livingstone College, 1947; B.S., Atlanta University, 1948  
DOROTHY LEAVELLE STEVENS, B.S., Tennessee Agricultural and Industrial State University, 1930; B.L.S., University of Chicago, 1946

#### *In Management*

LAWRENCE FENMERE ELLERY, A.B., Oberlin College, 1953  
WAYNE ALLAN MEINHART, B.S., 1954

#### *In Marketing*

ARLENE JOY BEDAU, A.B., 1958  
GERALD LEE MOSER, B.S., 1958  
TSUTOMU TOKUNAGA, A.B., Aoyama Gakuin University, 1953

#### *In Mathematics*

ROWAN JOSEPH COYLE, B.S., Union College, 1951  
GEORGE CHARLES GRAFF, B.S., Brooklyn College, 1958  
JAMES ARNOLD GREGORY, JR., B.S., Illinois State Normal University, 1958  
VERNON DUDLEY JONES, B.S., 1958  
RUSSELL ARTHUR MEIER, A.B., Albion College, 1947  
WELLS PROCTOR ROLLINS, B.S., United States Naval Academy, 1950  
HARLAN EUGENE SUITS, B.S., Southern Illinois University, 1950  
GLORIA ANDERSEN TVETEN, A.B., Mankato State College (Minnesota), 1958  
ROBERT PIERCE WARDIN, B.S., Iowa State College, 1956

#### *In Mechanical Engineering*

RICHARD WAYNE ADKINS, B.S., 1951  
AMITABHA BHATTACHARYA, B.M.E., Jadavpur University, 1951; M.Eng., University of Calcutta, 1956  
SURESH CHANDRA, B.S.E., Agra University, 1957  
ALBERT I-PAO CHO, B.S., 1958  
AMIYA KUMAR DE, B.M.E., Jadavpur University, 1952  
VED PRAKASH DEWAN, B.S., Banaras Hindu University, 1957  
MAHMOUD AMIN EL-SHAZLY, B.S., Alexandria University, 1956  
LYLE DELBERT GRIDER, B.S., 1958  
BHALCHANDRA VASUDEO KARLEKAR, B.Eng., University of Baroda, 1958  
ERIK ALBERT NYKOPP, B.M.E., Rensselaer Polytechnic Institute, 1957  
JOSEPH ACHILLE PLAMONDON, B.S., 1958

- THOMAS AARON RANNEY, B.S., South Dakota School of Mines and Technology, 1958  
ROBERT EUGENE SCHNURSTEIN, B.S., 1953  
MARVIN JOHN SCHULTHEISS, B.S., Illinois Institute of Technology, 1958  
WAYNE ELWOOD SPRINGER, B.S., 1958  
ARTHUR DUANE TONELLI, B.S., 1957

*In Music Education*

- EDWARD TAYLOR ADAMS, B.Mus. Ed., Murray State College, 1953  
LINDA LEE ALLEN ANDERSON, B.S., 1956  
CARL RICHARD CARTER, B.S., 1954  
JAMES FREDERICK CHEYNE, B.Mus.Ed., Northwestern University, 1951  
RAYMOND THOMAS CLYMER, B.S., Ohio State University, 1954  
LANCER MILLARD COOPER, B.S., 1954  
PAUL RICHARD EDWARDS, B.S., 1957  
WILLIAM BENTON HANDLEY, B.Mus. Ed., Indiana University, 1953  
ANNALEE HARRIS, B.S., Western Illinois University, 1952  
JAMES BARRY HILBERT, B.Mus., Eastman School of Music of the University of Rochester, 1955  
MAURICE FRANKLIN HILL, B.S., Western Illinois University, 1951  
CHARLES ELMER KEATON, B.Mus.Ed., Southern Illinois University, 1955  
VELMA JEANNE MAC MILLAN, B.Mus., A.B., Coe College, 1948, 1949  
ANN SCOTT MASON, A.B., University of Kentucky, 1944  
ARLA JUNE ORR, B.Mus.Ed., Bradley University, 1953  
PLYNN EDMUND PENNOCK, B.S., Olivet Nazarene College, 1958  
HUGH ROLAND RICHARDSON, B.S., Northern Illinois University, 1951  
MAYOLA CLEMENTINE RUSSELL, B.Mus.Ed., Millikin University, 1956  
ARTHUR LEE SCHMITTLER, B.Mus.Ed., Illinois Wesleyan University, 1954  
JOHN WELDON SHAW, B.Mus., North Texas State College, 1956  
MARILYN JULE SHERMAN, B.S., 1958  
SISTER M. ROMANA FIEDLER, A.B., Rosary College, 1953  
DALE JUNIOR SMITH, B.S., 1957  
MARY SHEA REYNOLDS WATSON, B.Mus.Ed., University of Louisville, 1958  
PHILIP ALLAN YOUNG, B.S., Eastern Illinois University, 1950

*In Physical Education*

- ALLYN BOOKER ALLEN, B.S., 1950  
FRANK LEE BARE, B.S., 1954  
WALTER CRYER, B.S., 1952  
JOHN ANTHONY DANNO, B.S., DePaul University, 1952  
RICHARD CLIFFORD EILER, B.S., University of Utah, 1958  
DONALD JOSEPH FALEY, B.S., University of Notre Dame, 1958  
HEWITT GEORGE HAFER, B.S., 1953  
HERBERT TERUO HAMAI, B.Ed., University of Hawaii, 1957  
SHEILA IRENE LINDSAY, B.S., McGill University, 1955  
RICHARD MICHAEL LYNCH, B.S., College of St. Thomas, 1955  
DONALD LEON NIEMEIER, B.S., Nebraska State Teachers College (Peru), 1957  
MELVIN GEORGE NUSS, B.S., 1958  
RICHARD SADA0 SAKAMOTO, B.S., University of Hawaii, 1957  
MARY HOKE SLAUGHTER, B.S., Woman's College of the University of North Carolina, 1956  
CHARLES DAVID SMITH, B.S., Eastern Illinois University, 1951  
GLENN GRISWOLD WILSON, B.S., Western Illinois University, 1958  
ROGER LEWIS WING, B.S., 1953

*In Physics*

- STUART BERMON, A.B., University of Pennsylvania, 1958  
JAMES NORMAN BUDWEY, A.B., University of Buffalo, 1958  
EDUARDO PEREIRA DEL CASAL, B.S., University of Santo Tomas, 1957  
RICHARD DONALD KOSHEL, B.S., 1958  
WESLEY NORTHEY MATHEWS, JR., A.B., Miami University, 1958  
CLIFFORD WILLIAM MENDEL, JR., B.S., 1959

WAYNE BRYCE NELSON, B.S., California Institute of Technology, 1958  
MITCHELL THOMAS, JR., A.B., Harvard College, 1958  
ARTHUR WACHOWSKI, B.S., 1957

*In Physiology*

NORBERT LEO ARNOLDI, B.S., St. Norbert College, 1957

*In Plant Pathology*

LAXMIKANT HARINARAYAN JOSHI, B.S., M.S., Benares Hindu University, 1948,  
1950

*In Radio and Television*

THOMAS HENRY GUBACK, A.B., Rutgers University, 1958  
DEVERE EDWARD LOGAN, JR., A.B., Michigan State University, 1956  
JOHN FRANCIS PENN, B.S., 1958

*In Recreation*

MARTHA ALICE ALY, B.S., University of Missouri, 1952  
MARVIN REESE ARMSTRONG, JR., B.S., Carson-Newman College, 1958  
WILLIS CLINTON BAKER, B.S., 1953  
RONALD WILLIAM CHASE, B.S., Wisconsin State College (LaCrosse), 1958  
DONALD EUGENE CLARK, B.S., 1956  
WILLIAM BROWER DE CARLO, B.S., State University of New York Teachers College (Cortland), 1953  
DONALD FERDINAND EBARP, B.S., 1955  
KENNETH ROSS RICKS, JR., B.S., 1958

*In Sanitary Engineering*

VASANTLAL KESHAVAL SHAH, B.Eng., Gujarat University, 1958  
RODOLFO TREVIÑO-GARZA, C.E., Institute of Technology of Monterrey (Mexico),  
1956  
CHARLES ORAL VELZY, B.S., 1953

*In Speech Correction*

MARY JANE PEARSON ESHELMAN, B.S., 1943  
WILMA GAIL HAHN McNULTY, B.S., 1953  
MARY JEAN DAVIS REEVES, A.B., Vanderbilt University, 1956  
MAMIE FORDYCE TAYLOR, B.S., 1954  
THOMAS WILSON TIMMIS, B.S., Eastern Illinois University, 1955

*In the Teaching of Biological Sciences and General Science*

LOREN CHARLES ANDERSON, A.B., Olivet Nazarene College, 1951  
RICHARD WILSON EDWARDS, B.S., 1953  
LEON DELANO EISENHAUER, B.S., 1959  
LLOYD HOWARD LUNDBERG, A.B., Augustana College, 1957  
ROBERT HOWELL SCHERER, B.S., Eastern Illinois University, 1952

*In the Teaching of Chemistry*

MELVIN DUANE JOESTEN, B.S., Northern Illinois University, 1954

*In the Teaching of Mathematics*

JOHN HOLIE JOHNSON, B.S., Moorhead State Teachers College, 1955

*In Theoretical and Applied Mechanics*

ROBERT EUGENE CARLSON, B.S., 1958  
DONALD ROBERT FISHER, B.S., United States Naval Academy, 1953  
SEIN SHAN, B.S., University of Rangoon, 1957

*In Veterinary Medical Science*

WILHELM FRIEDRICH SCHAEFFLER, D.V.M., University of Giessen, 1957

*In Zoology*

JAMES HARRIS ENDERSON, B.S., 1959

**Degree of Master of Music**

STEPHEN THOMAS FARISH, JR., B.S., East Carolina College, 1958  
 SANFORD ABEL LINSCOME, B.Mus. Ed., McNeese State College, 1954  
 JUDITH ANNE McDONALD LOFGREN, B.Mus., Illinois Wesleyan University, 1958  
 FRANZ LUDWIG ROEHMANN, B.S., State University of New York Teachers College (Fredonia), 1958  
 ISABEL ROSEN, B.Mus., Illinois Wesleyan University, 1940  
 VIRGINIA LOUISE SLAUGHTER, A.B., Newcomb College, 1958  
 WILLIAM CARL WATSON, B.Mus., University of Kentucky, 1958

**Degree of Master of Education**

GLORIA JUANITA ABBINGTON, A.B., Harris Teachers College, 1955  
 WAYNE LEROY ALBRECHT, B.S., 1957  
 DALE ROBERT ANDERSON, A.B., Augustana College, 1952  
 GORDON MILLARD ANDERSON, A.B., Wheaton College, 1957  
 ROBERT EARL ANDERSON, B.S., 1952  
 IDA JANE ANDREWS, B.S., Eastern Illinois University, 1955  
 DOLORES JEAN ARMSTRONG, B.S., Southern Illinois University, 1955  
 JACK LYNN ARMSTRONG, A.B., William Jewell College, 1958  
 DONALD MAX AULWURM, B.S., 1958  
 GERALD LEE AVERY, B.S., Southern Illinois University, 1953  
 LOUD WENDELL BAKER, B.S., Illinois State Normal University, 1949  
 JENNIS JOSEPH BAPST, B.S., 1955  
 LELAND JOY BARTLEY, B.S., Southern Illinois University, 1956  
 EMMA KELLY BATSON, B.S., Southern Illinois University, 1955  
 DALLAS EUGENE BEYER, B.S., Illinois State Normal University, 1956  
 CHRISTABEL ALICE BOCK, B.S., North Central College, 1936  
 ROBERT EARL BRADEN, B.S., Southern Illinois University, 1953  
 DOROTHY JEAN BRANDT, A.B., Greenville College, 1952  
 MARGERY STRAIN BRIGHT, B.S., Illinois State Normal University, 1953  
 DOLORES HELEN BULTINCK, B.S., 1955  
 MARGARET GRAUPNER BUTLER, B.E., Northern Illinois University, 1939  
 MARTIN JOSEPH CHILOVICH, B.S., Eastern Illinois University, 1954  
 JESSE CLEMENTS, JR., A.B., St. Augustine's College, 1952  
 PAUL LEROY COOK, B.S., Olivet Nazarene College, 1950  
 CONSTANTINE VALENTINE CORREIA, B.S., Karnatak College, 1952  
 JEANET CAROLINE HAIR CRIM, A.B., Quincy College, 1944  
 MAURINE KNIGHT DEMPSEY, B.Ed., Southern Illinois University, 1936  
 RUTH BRIDGES DENSFORD, A.B., Indiana University, 1935  
 MELVIN WILLARD DONAHO, B.S., 1957  
 GEORGIA ELIZABETH DONEY, B.S., 1950  
 ROBERT STOKLEY DOUGLAS, B.S., Shurtleff College, 1929  
 MARTHA ANN SMITH DRAKE, B.S., Eastern Illinois University, 1950  
 ARNOLD EUGENE DRUMM, B.S., Oklahoma State University, 1958  
 JOHN JACOB DZURIS, B.S., Illinois State Normal University, 1950  
 MARGARET RUTH ALBERTS EDWARDS, B.S., Illinois State Normal University, 1946  
 ELOISE KATHERINE ESHBAUGH, B.S., 1937  
 GERALDINE BARBARA FEKETE, A.B., 1956  
 STANLEY EDWIN FISHMAN, A.B., Illinois College, 1954  
 BEULAH FAY FLEXTER, B.S., Southern Illinois University, 1956  
 EDGAR HOWARD FLORENCE, JR., A.B., Augustana College, 1947  
 MARGARET GRENNAN FORRESTAL, B.S., 1954  
 DELBERT DALE FOUST, B.S., Eastern Illinois University, 1955; B.D., Evangelical Theological Seminary, 1956  
 KENNETH RAY FRENCH, B.S., Eastern Illinois University, 1950  
 LEONIDE MAE GAINES, B.S., 1956  
 ELIZABETH FOSTER GANT, B.S., Jackson College, 1950  
 WILMA NADINE GEHRKE, B.S., Illinois State Normal University, 1953

JAMES CURTIS GRADY, B.S., 1950  
VELMA MAURINE BOULWARE GREATHOUSE, B.S., Culver-Stockton College, 1943  
ALBERT GIBSON GREEN, B.S., Eastern Illinois University, 1951  
CARL LEROY GREENLEAF, A.B., Lake Forest College, 1950  
MELBA ELIZABETH GRIGG, B.S., Greenville College, 1953  
RONALD FRANK HALE, B.S., Illinois State Normal University, 1956  
GEORGE SAMUEL HALL, B.S., 1949  
ROBERT LEON HAMAN, B.S., Southeast Missouri State College, 1953  
ALFRENTIA YOUNG HAMPTON, A.B., Lincoln University (Missouri), 1939  
LEWIS KARL HAUSER, JR., B.S., Shurtleff College, 1951  
RALPH WILLIAM HEINZ, B.S., Illinois State Normal University, 1949  
ANITA MARIA HERNANDEZ, B.S., Kansas State Teachers College (Pittsburg), 1945  
MAURICE ARTHUR HESSE, B.S., Illinois State Normal University, 1957  
CLETE HENRY HINTON, B.S., Millikin University, 1956  
ROGER OSCAR HOFFMANN, B.S., Southern Illinois University, 1956  
PRESTON BRECKENRIDGE HOTT, B.S., Illinois State Normal University, 1950  
BARRY TOWNSEND HOUGH, B.S., 1955  
JAMES MILLARD HUMPHREY, A.B., Olivet Nazarene College, 1951  
PAUL WILLIAMS HYDE, B.S., 1950  
JOE LOUIS JEFSEN, B.Ed., Northern Illinois University, 1935  
LUDWIG KENNETH JOHANNSEN, B.S., 1954  
MARVEN LEE JONES, B.S., Olivet Nazarene College, 1954  
ROBERT WARREN JONES, B.S., Eastern Kentucky State College, 1957  
MARION EDWARD KALLENBACH, A.B., Southern Illinois University, 1950  
SANDRA MAUREE KAUBLE, B.S., Oklahoma State University, 1958  
MARY GEIS KESNAR, B.S., Southern Illinois University, 1954  
JAMES HARRISON KETTLEBOROUGH, B.S., Illinois State Normal University, 1950  
SAMUEL RICHARD KILPATRICK, A.B., Eureka College, 1950  
JOHN LINCOLN KIRBY, A.B., Blackburn College, 1953  
WAYNE JOHN KIRK, B.S., Wisconsin State College (LaCrosse), 1956  
MARGARET ANN KOHLI, B.S., University of Wisconsin, 1937  
ROBERT LOUIS KOZIELEK, B.S., St. Louis University, 1957  
EMMA LOU MCKEMIE LE SAR, B.S., Southern Illinois University, 1956  
BLANCHE GOLDNER LINE, B.S., Wittenberg College, 1949  
HAROLD GENE LISTON, A.B., Eureka College, 1952  
PHILIP EUGENE LUSTER, B.S., 1954  
STANLEY SOLOMON LYNCH, B.S., Georgia State College, 1952  
RONALD EDWARD MAERTENS, A.B., St. Ambrose College, 1955  
ANTHONY JOHN MARKARIAN, B.S. (Chemistry), McKendree College, 1950; B.S. (Education), Northwestern University, 1952  
MARY LUCILLE BEARD MATTIS, B.S., Illinois State Normal University, 1955  
MARGARET GALLAGHER MCCABE, B.S., 1956  
MARLIN HENRY MEYER, B.S., 1955  
RICHARD REX MILLER, B.S., 1957  
EDNA BERTHA MOSER, B.S., Illinois State Normal University, 1954  
CAROLE HILLMAN OBRIECHT, B.Ed., Chicago Teachers College, 1953  
WILLIAM KEITH O'HAIR, B.S., 1957  
ALMA PARTRIDGE, B.S., Drake University, 1953  
OLIVIA DEEN PATTON, B.S., Alcorn Agricultural and Mechanical College, 1948  
CAMILLE AMACKER PATTY, B.S., A.B., Southern University, 1942, 1952  
EUGENE BERTIS PAVELONIS, B.S., Shurtleff College, 1953  
RICHARD GENE PEARCE, A.B., Elmhurst College, 1952  
DAVID WARD PEASE, JR., A.B., 1955  
DOUGLAS RICHARD PIERCE, B.S., 1955  
BHATRA PRADITHAVANIJ, B.Ed., Chulalongkorn University, 1956  
BARBARA JEAN RAY, B.S., Illinois State Normal University, 1950  
DALE CURTIS REA, A.B., Washington University, 1949  
GILBERT DEAN REDFERN, B.S., Illinois State Normal University, 1951  
HELEN FAGALY REYNOLDS, B.S., 1956  
WILLIAM EVERETT REYNOLDS, B.S., Northeast Missouri State Teachers College, 1949  
SARAH E. RIDPATH, A.B., Kletzing College, 1951



- ANNA MAE REUTER ROBINSON, B.S., Southern Methodist University, 1954  
 ROBERT EDWARD ROBINSON, B.S., Michigan State University, 1951  
 JEAN LOIS ROLAND, B.S., Northwestern University, 1937  
 ALOYS REINHARD RUETER, B.S., 1950  
 AUDREY MAE KEIM RUNGE, B.S., Southern Illinois University, 1953  
 BETTY BACON RUTTER, B.S., University of Georgia, 1942  
 DEAN ALDEN RUYLE, B.S., Eastern Illinois University, 1950  
 HENRY RICHARD SALE, B.S., Western Illinois University, 1955  
 WILLIAM JAMES SANDVOS, JR., B.S., 1958  
 EARL TYRUS SAWYER, B.S., Eastern Illinois University, 1953  
 MARGARET ANN SCHEFFELIN, A.B., College of St. Joseph, 1952  
 ROBERT GERALD SCHMIDT, B.S., 1958  
 EMMA JANE SCHOEN, B.S., Shurtleff College, 1954  
 ELISE SINGER SCOTT, B.S., Northern Illinois University, 1951  
 ARTHUR LELAND SHEARBURN, B.S., 1950  
 HAROLD ALBERT SHERLINE, B.S., University of Maryland, 1952  
 VERDIE GALBREATH SHIPLOCK, B.S., 1936  
 GILBERT FRANCIS SILVA, B.Mus., Boston University, 1952  
 SISTER MARY JOHN KOEBERLEIN, A.B., St. Francis College, 1954  
 SISTER MARITA McGRATH, A.B., DePaul University, 1951  
 SISTER CATHERINE SIENNA O'NEIL, A.B., St. Ambrose College, 1953  
 DOROTHY MABEL SKELTON, B.S., 1957  
 JOSEPHINE MARY SLEJKO, B.Ed., Illinois State Normal University, 1941  
 EUGENIA ENNENGA SMALL, A.B., MacMurray College, 1941  
 JAMES EUGENE SMITH, B.S., Southern Illinois University, 1947  
 WESLEY BURDETTE SNIVELY, A.B., University of Colorado, 1941  
 LYLE WARD SPENCER, A.B., Shurtleff College, 1953  
 ARNOLD FRITZ STAHL, B.S., Western Illinois University, 1953  
 NELDA MAE STRELESKI, B.S., 1954  
 MARY ELIZABETH STYER, A.B., Monmouth College, 1931  
 JOSEPH EDWARD TICHENOR, B.S., Eastern Illinois University, 1955  
 ROBERT NORMAN VICKERS, B.S., Eastern Illinois University, 1949  
 THOMAS ALAN WACHTER, B.S., Illinois State Normal University, 1952  
 CHARLES NELSON WAITY, B.S., Illinois State Normal University, 1955  
 LOYD GLENDAL WALKER, B.S., Greenville College, 1956  
 RICHARD WILLIAM WALKER, B.S., Eastern Illinois University, 1954  
 WILLIAM RICHARD WALSH, B.S., State University of New York College for Teachers (Buffalo), 1953  
 LOIS JANE WARREN, B.S., Southern Illinois University, 1953  
 LORETTA ARLENE WATSON, B.S., Eastern Illinois University, 1955  
 WILLIAM EDWARD WAYLAND, JR., Ph.B., Illinois Wesleyan University, 1947  
 JOHN JOSEPH WENSING, B.S., Quincy College, 1957  
 JOSEPH CLARKE WHINERY, B.S., 1958  
 ROBERT GEORGE WHITE, B.S., 1958  
 FRED ROBERT WILKIN, JR., B.S., 1953  
 LOUIS WILLIS WILLSON, B.S., 1954  
 ROBERT EMMERSON WORSHAM, B.S., 1939  
 ROBERT EUGENE WRIGHT, A.B., A.M., Indiana University, 1954, 1956  
 MARIAN OPALINE SCHROEDER YATES, B.S., Southern Illinois University, 1946  
 PAULINE MEVIS ZOCH, B.S., 1956  
 ROSS WAYNE ZUMWALT, B.S., 1956

### Degree of Master of Fine Arts

#### *In Design*

- JOHN KENNETH SNIFFEN, B.F.A., Pratt Institute, 1953

#### *In Painting and Printmaking*

- CHARLES EUGENE FORSYTHE, B.F.A., 1958  
 MARTHA LEE ESTUS PURDY, B.F.A., Kansas City Art Institute and School of Design, 1957

**Degree of Master of Architecture**

PHILLIP JAMES GREENE, B.S., University of Kansas, 1955  
DALE RAYMOND JOHNSON, B.Arch., 1957

**Degree of Master of Accounting Science**

PHILIP TIBBS, B.S., Murray State College, 1958

**Advanced Certificate***In Education*

JAMES EDWIN BONNEY, A.B., Coe College, 1947; A.M., Northwestern University, 1949  
LEONARD A. DOBSON, B.S., Ed.M., 1940, 1956  
JOHN PETER DUNNELL, B.S., Millikin University, 1950; M.S., Illinois State Normal University, 1955  
HELEN LOUISE KUSTER FARR, A.B., Elmira College, 1944; A.M., Columbia University, 1946  
GERALDINE ABNER GALLOWAY, B.S., M.S., 1941, 1942  
LELAND MERVIN INMAN, B.S., Ed.M., 1955, 1957  
MARGUERITA CHISM JOHNSON, A.B., Indiana University, 1934; M.S., 1950  
ROBIN FRANKLIN LEDBETTER, B.S., Southern Illinois University, 1949; M.S., 1955  
CHARLOTTE LUCILLE ROSE, B.S., Olivet Nazarene College, 1950; M.S., 1952  
LELAND HENRY SCHNAKE, B.S., Western Illinois University, 1948; A.M., 1953  
DELLA CAROLINE SIMMONS, A.B., MacMurray College, 1948; A.M., 1951

*In Music Education*

JOHN KESSLER STETLER, B.Mus., Cincinnati Conservatory of Music, 1951; M.Mus., University of Wichita, 1953

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

LEON HANLON ASH	JOHN RALPH REVELL, JR.
WILLIAM ALLEN CASE	ROGER LEE SAXE
NEAL EUGENE ECKERT	PAUL EDWARD SHUMAN
WILLIAM LEONARD HAGAN	DORR LESTOR SIMER
DONALD KEITH HOFFMAN	RICHARD WILLIAM VISSERING
JOHN BREBNER KRAUSE	MARTIN LELAND WERRIES
JAMES COMMODORE MILLS	JOHN HOLLAND WILLIAMSON
MERVIN LLOYD MIXER	

*In Dairy Technology*

CARL WILLIAM GUSTAFSON

*In Food Technology*

WILLIAM JOSEPH FORSYTHE

JOHN EDGAR RITCHEY

*In Home Economics*

JUDITH BRADFORD CROOK	MARY KATHRYN PIPER
SHARON GAY EGGERS	IRENE OUTLAW ROBINSON
JO ANN MARIE GISH	SUZANNE BERGERON SCHULTZ
PATRICIA MCKEE HALFORD	MARCIA MAY WILLIAMS

*In Home Economics Education*

LINDA HALE BARTER, Honors

JANIS KAY FINLEY, Honors

## COLLEGE OF ENGINEERING

## Degree of Bachelor of Science

*In Aeronautical Engineering*

SHERMAN ARNOLD  
KENNETH WARREN BAUD  
ROBERT LEROY BRODERSON  
DAVID LEE GANN  
PAUL THOMAS GASKINS  
WILLIAM FRANK HAMMOND

WILLIAM EUGENE KRUSE  
KRISHAN KUMAR KUMAR  
RICHARD EARL LINDEMAN  
MINDAUGAS PLESKYS  
DAVID HAROLD SCHNITZER  
CHARLES RAY STROM, High Honors

*In Ceramic Engineering*

THOMAS HENRY NIELSEN

*In Civil Engineering*

ELMER DOLPHUS BLACKMON, JR.  
ROBERT HENRY BRYANT  
GENE RAYMOND BUIST  
DAVID ROWATT CRAIG  
IVAN DE LA CUESTA ABAD  
HERNAN DE LA CUESTA ARIAS  
LEROY FRANKLIN FOX  
JOHN ALBERT GRAY, Honors  
DALE EUGENE GRIESER  
WILLIAM THOMAS HANNA  
GEORGE ROGER HARRINGTON  
EDWIN FRANCIS HENN  
KARL JOHN KLEPITSCH, JR.

ROBERT RINEHART LACHER  
MICHAEL WILLIAM LOEFFL  
RICHARD ELLSWORTH MASTEN  
GERALD MICHAEL McDONNELL  
JOSEPH HOWSMON POUND  
DONALD LOUIS RISSLING  
JOSEPH ANTHONY SEYL, JR.  
DAVID PAUL SMITH  
ALWIN HANS SORENSEN  
RONALD THADDEUS STRUGIELSKI  
WALDEMAR STANLEY STYZINSKI  
CARL BRUNO WOLFRAM

*In Electrical Engineering*

THOMAS KARL ALBEE  
DONALD KENT ALEXANDER  
PITT WILLIS ARNOLD  
SILVIO BAENA  
LOWELL DUANE BATSON, Honors  
RAYMOND ALBERT BELMONTE  
FRED VINCENT BLAZINE  
ROY EARNEST BROWN  
EDWARD JAMES BRUIN  
DARYL THOMAS BUTCHER  
JAMES GARNSEY CARD  
DONALD BARRINGTON CLARK  
ROBERT CHARLES DRYDEN  
PAUL ELWOOD EVANS  
RICHARD DWIGHT FANNIN  
RICHARD PHILLIP FIELTIZ  
DAVID SERVICE FISHER  
GERALD ROBERT FITZMAURICE  
LIONEL GOMBERG  
WILLIAM BAUSMAN GUFFEY, Honors  
JOHN ELMER GYURKO  
WILLIAM ARTHUR HARTLEY, High Honors  
JAMES ROLLIN KETTERER, Honors  
WILLIAM JAMES KINDER

HERNANDO LESMES  
DONALD JOSEPH LUCAS  
WILLIAM CHRISTIAN MCCLURG, Honors  
RAY GERALD MCCORMACK  
THOMAS PHILLIP McGRATH  
IRVIN LEWIS MCKITTRICK  
LYNN DANA McNAMES  
HEBERTO PACHÓN C.  
RAYMOND JOSEPH PALCIAUSKAS  
JOHN SANTFORD PERRY III  
FRANCIS MARION PIORKOWSKI  
ULDARICO POSADA SANTOS  
DONALD ARTHUR PRIES  
JEROME SHELDON RASKIN  
RICHARD EDWARD REED  
RICHARD RAY REED  
RICHARD GEORGE SCHUBERT  
JAMES DALE STEWARDSON  
PAUL ARTHUR STROM  
MARK MILLER TEMPLETON, JR.  
SIM UM  
JOHN RICHARD WANKA  
NICHOLAS GEORGE ZAVERDAS  
HOWARD PAUL ZINSCHLAG

*In Engineering Physics*

WILLIAM MAURICE GOLDEN  
WILLIAM RAYMOND HARRISON

RICHARD JAMES WALLSTROM

*In General Engineering*

DAVID LEE ALLEN  
WILLIAM JOHN HEMPSTEAD  
DENNIS EARLE LANTZ  
WILLIAM JOSEPH PUSKAC

LEON ERNEST RICHARTZ  
WILLIAM EDWARD WARREN  
WILLIAM FRANCIS WEILAND  
ROBERT EUGENE WINSTEAD

*In Industrial Engineering*

THOMAS RICHARD HOOGERVORST

HAROLD CHESTER PAYNE

*In Mechanical Engineering*

JOHN STEPHEN BUTLER, High Honors  
RICHARD LEE CONRATH  
ARTURO DÍAZ LARA  
HENRY JOHN DOKTER  
FRED ERNEST DUSKIN  
GLEN RAYMOND FOTRE  
DONALD GAITER  
RICHARD JOHN HENRY  
GLENN FREDRICK HOHNSTREITER  
WILLIAM ERIC JANSEN  
LOUIS LAWRENCE LASKE

LOUIS RALPH MARCHINI  
JORGE HUMBERTO MARINO B.  
GEORGE ATSUSHI MATSUMOTO  
CHARLES JOSEPH MAURER, JR.  
LARRY GENE McMULLEN  
JAMES DENNIS NEFF  
RONALD JAMES NICHOL  
ROGER CARRINGTON NICHOLS  
ANDREJS SPROGIS  
GUNTHER GUSTAF WACKERMAN

*In Metallurgical Engineering*

JAMES RUSSELL GAEBE

ROBERT WALTERS STUSRUD

*In Sanitary Engineering*

DONALD EVERETT ALTON  
WALTER DANIEL PHELPS, JR.

ROBERT EDWARD SCHEIBLE

## COLLEGE OF LIBERAL ARTS AND SCIENCES

## Degree of Bachelor of Arts

*In Liberal Arts and Sciences*

KENNETH JAMES ALLES  
MICHAEL RICHARD BERZ  
EDWARD GEORGE BLAHOUS  
JORDAN JOEL BLOOM  
HOWARD EUGENE CARR, JR.  
THOMAS CZERNER  
FUHRER D. DICKEY  
ALAN MAURICE EFRUSSY  
ROBERTA BRESLOFF FLODEN  
DAVID RALPH GOODMAN  
MARIETTA HAMILTON  
ROBERT DALE HARMON  
DALE MARTIN HEIEN  
JAMES WADE HILL  
RICHARD WEI HSIEH  
JOAN WILLIAMS HUBBARD  
GEORGE JOHN JUST  
LOUIS HERBERT KILBERT  
JOHN HENRY LENZ  
RICHARD JOHN MCKINLAY  
BOOTZ DEE MERCER, Honors in Liberal  
Arts and Sciences with Highest  
Distinction in History

JON DAVID MOULTON, Honors in Liberal  
Arts and Sciences  
MICHAEL ELIJAH MURRAY, Honors in  
Liberal Arts and Sciences  
DAVID JAY MYERS  
JOHN JOSEPH PETERSON  
JEAN LYONS RICHARD  
DANIEL LIVINGSTONE ROBERTS  
BERNARD EDWIN RUDER  
ARLENE LOUISE SENDERA  
ROGER MONTGOMERY STERLING  
STEVEN B. STERN  
GEORGE SYDNEY STRATTON  
ELIZABETH SUE SWANN  
STEPHEN PAUL THOMAS, Honors in  
Liberal Arts and Sciences  
JOHN JACOB TICKNER  
JOSEPH WILLIAM VOGG  
LAWRENCE KEYES WACASER, Honors in  
Liberal Arts and Sciences  
DOYNE WILLIAM WHEETLEY  
LISA GALAM WHITE

*In the Teaching of English*

ELAYNE SCOOFKES ERICKSON  
MARY ANN MARCELLA MASLEY

DEBRA LEE PICKMAN  
MARIFRANCES SGRO

*In the Teaching of Social Studies*

PATRICIA KAY DUNN

JANICE GRACE SAUERMAN

**Degree of Bachelor of Science***In Chemical Engineering*

WOLFRAM AXEL KOLLACKS

JERRY WILLIAM STEEGE

EDWARD BARTON PARRISH

EDWARD JOHN SWEET

PAUL LAVERNE QUANDT

ROGER ANTHONY SCHMITZ, Honors in  
Liberal Arts and Sciences with  
Highest Distinction in the  
Curriculum

*In Chemistry*

PETER JOHN KAUFMANN

DONALD WILLIAM MARGOLIS

*In Liberal Arts and Sciences*

BARBARA LEA AHRENS

NANCY ANN FRIEDL

THOMAS LEONARD BRADLEY

LARRY WAYNE GARRISON

LLOYD CALLAWAY, JR.

ROBERT LEON HALL

PETER EMMANUEL CASTRITSIS

WILLIAM HAMILTON

JOHN BELL CLARK, Honors in Liberal  
Arts and Sciences with Highest  
Distinction in Chemistry

CRAIG WILLIAM IVERS

ROBERT WILSON KINNEY

JAMES CLINTON COPELAND

HAROLD RICHARD KLATT

ROGER WILLIAM COTE

CHARLES MILTON MOSTAR

JOSEPH LEE DAW

STEWART CHARLES REIMAN  
STANLEY JOHN RUSSELL, Jr., Honors  
in Liberal Arts and Sciences with  
Highest Distinction in Mathematics

ALBERT NEIL FINCHAM

MARJORIE BRENDA SCHWARZ, Honors in  
Liberal Arts and Sciences

MARGARET ANNE FLOWERS

ALAN DEAN FLYNN

NANCY JOEN FORSYTH, Honors in Lib-  
eral Arts and Sciences with High-  
est Distinction in Zoology

JACK ROSS SNADER

THOMAS DAVID TURNER

*In Physics*

PAUL KARL RICHARDS, Honors in Liberal Arts and Sciences

*In Speech Correction*

ELAINE ROBERTA STEIN, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum

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

NANCY SUE MATHIS

*In the Teaching of Chemistry*

LAWRENCE THOMAS SENNELLO

*In the Teaching of Mathematics*

RONALD TODD WRIGHT

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

PAUL WESLEY CLEVINGER, B.S., 1956

CHARLES BREWER LINDLEY, B.S., United  
States Naval Academy, 1950

CHARLES HENRY JONES, JR.

EUGENE FRANCIS PARKER

HEIN JUERGENSEN, B.Mus., American  
Conservatory of Music, 1954

MARGARET JEAN SCRANTON, A.B., 1955

WILLIAM EVERETT LARRABEE, B.S., 1951  
WESLEY EDWARD LINDBERG, B.S., 1958

DAVID FOSTER SMITH

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

*In Education*

JUDITH HOFFMAN BROCK  
 JOSEPH DAVID FOULK  
 JAMES NORMAN HARDESTY  
 BARBARA ANN HARRISON  
 JANE LOUISE JOHNSTON  
 CATHERINE EDNA LOFTUS  
 JANET JOHNSTON MCCANNON

BARBARA NAUDZIUS McDOWELL  
 RALPH RAYMOND MEYER  
 DELBERT EUGENE MUELLER  
 HARRIET JONES RECHNITZ  
 SISTER MARY PATRICK CAIN  
 SISTER MARY STEPHEN RING  
 DOROTHY JEAN WADE

*In the Education of Mentally Handicapped Children*

JEAN PEASE EMRICK

*In Elementary Education*

MARY BLAZEKOVICH ALTENBERND  
 FRANCES BLOME ARTHUR  
 ANNETTE BARSHEFSKY  
 GRACE SCHMIDT BARTISON  
 CLEO DE ZARN BEASON  
 MARY BOWMAN BLODGETT  
 IOLA KIRTS BOVIE  
 LOUISE SWAN BROWN  
 ROBERT JOHN CASSIDY  
 C. LORAINNE KUYKENDALL CLEVELAND  
 SARA JEAN CONNELLY  
 MARTHA ANN GRAVES, Highest Honors  
 YVONNE GRIFFIN  
 JOAN KALMAN, Honors  
 MARY KEEN KESSLER

LARRY JOE KINDLE  
 JAMES NICHOLAS KING  
 MARCIA ANN KITILSEN, High Honors  
 JANET MIDORI MATSUSHIMA, Honors  
 BENITA RAE MOLINE  
 MILDRED ELIZABETH MURRAY  
 DORRIS HAINES NEWVILLE  
 MARGARET E. THRASHER OVAL  
 CATHERINE GAYNELLE PATTON  
 RITA BORRI REIMAN  
 MARILYN KAY SIMPSON, Honors  
 MARY ELLEN SRONCE  
 ELIZABETH SHARP STRATTON, Honors  
 SANDRA RHODES WEST, Honors  
 VERNIECE SYLVESTER YEAZEL

**COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**

**Degree of Bachelor of Science**

*In Accountancy*

LEONARD WALLACE ARENTSEN  
 ROBERT LEO ARNOLD  
 ROBERT LEROY CARGNONI  
 HOWARD EUGENE COCHRAN  
 JAMES FRANK CORNILLE  
 CHARLES CALVIN DETWILER

JIMMIE FRANK FURNO  
 WALTER ALBERT GUYER  
 RAY EDWARD HETTINGER  
 EARLE MERWIN HORWITZ  
 JEROME DARMEN ROESKE  
 WILLIAM JAY SULLIVAN

*In Commerce and Law*

LOUIS REA JONES

*In Economics*

BRUCE BARTLETT HERBERT  
 HORACE WEBSTER MICKENS

ROBERT VAUGHAN MILLIGAN  
 NORMAN MERENESS TRESSLER

*In Finance*

GARY MICHAEL ADELMAN

THOMAS DENNIS MURPHY

*In Industrial Administration*

JAMES MILTON ALBRIGHT  
 RICHARD MAX HARRIS

DONALD GREGORY LONG  
 ROBERT GORDON ZINN

*In Management*

ROBERT DEAN BROTHERTON  
 WILLIAM DALE DIETRICH  
 CHARLES ALAN FREEMAN  
 KEN GUNJI  
 JOSEPH PAUL KLOTNIA

CARL WALDEMAR OSTRAND  
 IRENA LIONGINA PAULIUS  
 PETER JAMES SHERIDAN  
 ROBERT PAUL TAYLOR

*In Marketing*

DALIA OZELIS DE DE LA CUESTA  
 DON GAYLON GRAHAM  
 RAYMOND GRANVILLE GRAMMER  
 HOWARD LEROY JENNE

EVERETT DAN KIMMEL  
 ROBERT JOSEPH LOWRY  
 ARTHUR WILLIAM MURRAY II  
 JOHN WAZAK

*In Urban Land Economics*

ALAN JOSEPH BRODY

**COLLEGE OF JOURNALISM AND COMMUNICATIONS****Degree of Bachelor of Science***In Communications*

CHARLES ARTHUR AMUNDSON  
 MORTON ROY ENGELBERG  
 MERRILL ANN HAHN  
 RICHARD HULL ICEN

MARY ANN McDONALD  
 DAVID CHARLES MIEHER, JR.  
 SUSAN MARGERY TEEGARDEN

**COLLEGE OF FINE AND APPLIED ARTS****Degree of Bachelor of Architecture**

WAYNE GEORGE ANDREWS

JOSEPH FRANCIS PAPPALARDO

**Degree of Bachelor of Fine Arts***In Art Education*

GLORIA ROSE MIKUTA

PATRICIA JOY SORENSEN

*In Industrial Design*

RALPH DEAN DAVIS  
 ALAN FREDERIC ECKEL

COLLAN BLENDON KNEALE  
 RONALD DURHAM PARKS

*In Landscape Architecture*

ROBERT HILBOLDT THORNBERRY, Honors

*In Painting*

SHARON SMITH GEAR

**Degree of Bachelor of Music**

GARY ALFRED SIPES

**Degree of Bachelor of Science***In Music Education*

EMILY ANN CHVAL, Honors  
 JAMES DUNN FLYNN  
 JOHN JOSEPH McCaULEY, Honors  
 ROBERT HAROLD MELHISER  
 CAROLYN JOYCE MITCHELL

SISTER TERESA ANN HARRINGTON, High  
 Honors  
 VIRGINIA ZUCKS UHLENHOP  
 NORMA PEARL WEST

## COLLEGE OF PHYSICAL EDUCATION

## Degree of Bachelor of Science

*In Physical Education*

THOMAS EDWARD BREEN  
 JAMES DANIEL CHENGARY  
 JAMES MARLYS EGGERICHS

ROBERTA LOUISE GRIMES  
 JANET MCKENZIE HAGAN  
 EDWARD SCOTT HUBBARD

*In Recreation*

THOMAS EDWARD HALL  
 ALICE ANNE HOFF LACQUEMENT

JAMES THOMAS McNALLY

## DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

## Degree of Bachelor of Science

LAWRENCE ALLEN BAGGERLY  
 JOHN CHARLES BLAKSLEE  
 LLOYD WILLIAM CARLSON  
 JAMES DRUEY DONITHAN  
 MYRON HAYES FEITSHANS  
 JOHN PARSONS FINLEY  
 MICHAEL JOSEPH GUINAN  
 JAMES RAYMOND HAWKES  
 KENNETH FRANCIS HOLIAN  
 JAMES WILMER LEAR  
 DONALD MALLER  
 ELMER CHARLES MAY

JOSEPH CHARLES NORRIS  
 CHRISTINE PERRY ODIAN, Honors  
 JAMES ALLAN SCHEIBLY  
 JOHN MICHAEL SCHILLING  
 SHIRLEY ANNE SMITH, Honors  
 ARTHUR LAURENCE SPIETZ  
 NORMAN COLES STRANDWITZ  
 DAVID LEE STURN  
 KENNETH WINN TRAUM, JR., Honors  
 JAMES ARTHUR VICKREY  
 LAWRENCE GRAHAM WILLIAMS, JR.

On motion of Mrs. Watkins, the Board adjourned.

A. J. JANATA  
*Secretary*

KENNEY E. WILLIAMSON  
*President*