

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

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 NAEGEL (Chicago)
 ROBERT MANLEY NAIMAN (Chicago)
 MICHAEL ANTHONY KENGO NAKAMURA (Chicago)
 JOHN CLIFFORD NELSON (Rockford)
 ROGER PAUL NOORTHOEK (Evanston)
 JAMES C. OEHRING (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 STERREBERG (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)

I concur.

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

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)

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.

<i>Department</i>	Summary	
	<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>	985 (59)	1 047 (54)

* 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*¹
 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)²
 JACK M. FOX, Assistant³
 MARTIN L. GECHT, Clinical Assistant
 ROBERT H. HARDING, Clinical Assistant
 ROLAND S. MEDANSKY, Assistant (one year from July 1, 1959)²

Medical Social Work

JOSEPHINE G. TAYLOR, Assistant Professor

¹ 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.

² Also Resident at Research and Educational Hospitals.

³ Also Resident at Presbyterian-St. Luke's Hospital.

⁴ 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. FRELICH, 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. AFREMOV, 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. GARDNER, 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)³
BERTHE E. ARMSTRONG, Clinical Instructor
MARY B. BACKER, Instructor (one year from July 1, 1959)³
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)³
PETER G. ECONOMOU, Instructor (one year from July 1, 1959)³
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)³
WILLIAM I. FREUD, Clinical Instructor
GERHARD FREUND, Clinical Instructor
ROBERT C. FRUIN, Clinical Instructor
RAIMONDS G. GAILLITS, 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)³

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)³
 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)³
 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)³
 SAMUEL BERGER, Clinical Assistant
 WILLIAM V. BLAZEK, Assistant (one year from July 1, 1959)²
 EMANUEL O. BRAMS, Assistant (one year from July 1, 1959)³
 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)³
 ALESSANDRO EMANUELI, Research Assistant (one year from July 1, 1959)
 MARY P. FARNES, Research Assistant (one year from July 1, 1959)
 RICHARD P. FOTH, Assistant (one year from July 1, 1959)³
 JEROME L. HANDLER, Clinical Assistant
 DONALD H. HANSCOM, Assistant (one year from July 1, 1959)²
 ALLEN HOFFMAN, Clinical Assistant
 EDSSEL K. HUDSON, Assistant (one year from July 1, 1959)²
 MOHAMMAD INAYATULLAH, Assistant (one year from July 1, 1959)³
 SHELDON M. KAHN, Assistant (nine months from October 1, 1959)²
 THOMAS L. KEMPER, Assistant (one year from July 1, 1959)³
 ROGER P. KENNEDY, Assistant (one year from July 1, 1959)²
 NORMAN S. KRIEGER, Clinical Assistant
 MEYER KUSHNER, Clinical Assistant
 JOHN M. LEDOM, Assistant (one year from July 1, 1959)²
 EDWARD A. LICHTER, Assistant (one year from July 1, 1959)²

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)³
 LOUIS M. NEWTON, Assistant (one year from July 1, 1959)²
 RALPH PACINI, Clinical Assistant
 LUBEN C. PENEV, Clinical Assistant
 SOL PICKARD, Assistant (one year from July 1, 1959)²
 RICHARD E. RIESELBACH, Assistant (one year from July 1, 1959)²
 ROGER R. SCHUESSLER, Assistant (one year from July 1, 1959)²
 JACK W. SHIELDS, Clinical Assistant
 JAMES P. SHOMAKER, Assistant (one year from July 1, 1959)²
 HAROLD B. SHRIFTER, Clinical Assistant
 SHELDON J. SLODKI, Clinical Assistant
 SOLOMON SOBEL, Assistant (one year from July 1, 1959)²
 JOHN C. STUTZMAN, Assistant (one year from July 1, 1959)²
 STANLEY A. URIU, Assistant (one year from July 1, 1959)²
 ROBERT M. WILLIAMS, Assistant (one year from July 1, 1959)²

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)²
 VIRGINIA R. SORUM, Clinical Instructor
 WILLIAM H. ALLEN, Assistant²
 PATRICK W. ELWOOD, Assistant²
 ALLAN E. KAGEN, Assistant (one year from August 1, 1959)²
 PHILIPP M. LIPPE, Assistant (one year from July 1, 1959)²
 IVAN R. PEREZ, Assistant (one year from August 1, 1959)²
 SUAT G. PIROGLU, Assistant (one year from July 1, 1959)²
 ROY C. SELBY, JR., Assistant²
 ELI TOBIAS, Assistant (one year from July 1, 1959)²
 GORO TSUCHIYA, Assistant (one year from July 1, 1959)²
 LYLE E. WACASER, Assistant (one year from July 1, 1959)²

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)²
PAUL A. CAPELLI, Instructor (one year from July 1, 1959)³
CHILIANO E. CASAL, Instructor (one year from July 1, 1959)³
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)³
VINCENT A. LAVIERI, Clinical Instructor
LAWRENCE LEVINE, Clinical Instructor
WILBUR J. MARSHALL, Instructor (one year from July 1, 1959)²
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)²
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)³
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)³
JOSEPH D. CECE, Assistant (nine months from October 1, 1959)³
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)²
MARIO A. IRIGOVEN, Clinical Assistant
ELMER J. JUSTEMA, Clinical Assistant
SIDNEY C. KAHN, Clinical Assistant
JOHN S. KARAMITSOS, Assistant (one year from July 1, 1959)²

ANTHONY M. KENWICK, Clinical Assistant
 JOHN R. KOSTELNY, Clinical Assistant
 ALVIN LANGER, Assistant (one year from July 1, 1959)²
 ROBERT H. OBERHELMAN, Clinical Assistant
 ADRIAN R. OLECK, Clinical Assistant
 GEORGE PEPPER, Assistant (one year from July 1, 1959)²
 PHILANDER RICKS, JR., Assistant (one year from July 1, 1959)²
 MARVIN A. ROSNER, Clinical Assistant
 JAMES A. SINGLETON, Assistant (for one year from July 1, 1959)²
 LAWRENCE J. SYKORA, Clinical Assistant
 NANCY C. TREADWELL, Clinical Assistant
 JEAN J. VANHOUTTE, Assistant (one year from July 1, 1959)¹
 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 ISEB, 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)²
 CURTIS F. DETERS, Assistant (one year from July 1, 1959)²
 MARSHALL A. DIAMOND, Assistant (one year from July 1, 1959)²
 SHERWIN A. FOX, Assistant (one year from July 1, 1959)²
 LAWRENCE N. FRAZIN, Assistant (one year from July 1, 1959)²
 HAL M. FREEMAN, Assistant (one year from July 1, 1959)²
 HOMER GOLDSTEIN, Assistant (one year from July 1, 1959)²
 DENNIS HARRIS, Assistant (one year from July 1, 1959)²
 RAYMOND HECHTER, Assistant (one year from July 1, 1959)²
 LAMBROS KARKAZIS, Assistant (one year from July 1, 1959)²
 JAMES KILLOH, Assistant (one year from July 1, 1959)²
 CHARLTON R. LATTA, Assistant (one year from July 1, 1959)²
 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)²
 WILLIAM G. NICOL, Assistant (one year from July 1, 1959)²
 CARL F. SCHMIDT, Assistant (one year from July 1, 1959)²
 PAUL J. SCHMIDT, Assistant (one year from July 1, 1959)²
 JOHN B. TURNBULL, Assistant (one year from July 1, 1959)²
 DAVID C. WHITSELL, Assistant (one year from July 1, 1959)²
 PAUL S. YOCUM, Assistant (one year from July 1, 1959)²

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 Professor²
 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, Instructor²
 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, Instructor²
 LOUIS S. VARZINO, Clinical Instructor (Rush)
 CHRISTOPHER F. G. ELLIS, Assistant²
 ROBERT C. HAMILTON, Assistant²
 BRIAN H. HUNCKE, Assistant²
 ESTHER D. MENSEN, Research Assistant
 WILLIAM F. MCCOLL, JR., Assistant²
 WILLIAM MELTZER, Assistant²
 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)²
 CHARLES D. BLUESTONE, Assistant (one year from July 1, 1959)²
 GEORGE H. CONNER, Assistant²
 DAVID L. FAGELSON, Assistant (one year from July 1, 1959)²
 GERALD E. GUEMMER, Clinical Assistant
 RALPH A. CASCIARO, Assistant (one year from July 1, 1959)²
 PETER L. LEFFMAN, Assistant (one year from July 1, 1959)²
 A. LAWRENCE LEMEL, Assistant (one year from July 1, 1959)²
 DINO G. MAURIZI, Assistant (one year from July 1, 1959)²
 ROBERT C. NEWELL, Assistant (one year from July 1, 1959)²
 THADDEUS S. PIERZYNSKI, Assistant (fourteen months from July 1, 1959)²
 JOYCE A. SCHILD, Assistant (one year from July 1, 1959)²
 ALDO C. SIRUGO, Assistant²
 LOUIS T. TENTA, Assistant (one year from July 1, 1959)²
 JOHN D. VANNUYS, Assistant (one year from July 1, 1959)²

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)⁸
 RAYMOND A. CLASEN, Instructor (one year from July 1, 1959)³
 GEORGE E. COX, Instructor (one year from July 1, 1959)⁸
 ROBERT H. EDWARDS, Instructor (one year from July 1, 1959)⁸
 REUBEN EISENSTEIN, Instructor (one year from July 1, 1959)⁸
 JAMES E. HABEGGER, Clinical Instructor
 MARILYN J. O'BRIEN, Instructor (one year from July 1, 1959)²
 URSULA F. ROWLATT, Instructor
 JESUS A. CABRERA, Assistant (one year from July 1, 1959)²
 JOSEPH J. HOSEK, Assistant (one year from July 1, 1959)²
 LASZLO S. MEDGYESY, Assistant (one year from July 1, 1959)²
 JAMES C. PRITCHARD, Assistant (one year from July 1, 1959)²
 W. WIKE SCAMMAN, Assistant (one year from July 1, 1959)²

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 LEICHENGER, 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, Assistant²
 KATOK CHUANG, Assistant
 AGAPITO Y. DE RAMOS, Assistant²
 MEL W. FEINBERG, Assistant²
 RICHARD J. FEINBERG, Assistant²
 GARLAND P. KIRKPATRICK, Assistant²
 CATALINA LEE, Assistant
 MOHAMAD R. MOINFAR, Assistant²
 PARVIZ MOVAFAGH, Assistant
 P. R. DEL ROSARIO, Assistant
 MEHMET SOMALI, Assistant²

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)⁴
 ROBERT M. EDWARDS, Clinical Instructor
 SYDNEY B. EISEN, Clinical Instructor (one year from July 1, 1959)⁴
 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)⁴
 ARTHUR D. SABLE, Clinical Instructor
 DONALD D. SCHWARTZ, Clinical Instructor (one year from July 1, 1959)⁴
 MARVIN J. SCHWARZ, Clinical Instructor (one year from July 1, 1959)⁴
 ARLENE J. SMITH, Clinical Instructor (one year from July 1, 1959)⁴
 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. WOLOSHIN, 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)⁴
 GENE H. BOROWITZ, Assistant (one year from July 1, 1959)²
 JOSE M. CASTILLO, Clinical Assistant (one year from July 1, 1959)³
 ELAINE CHONG, Assistant (one year from July 1, 1959)³
 JEANNE DULAS, Clinical Assistant (one year from July 1, 1959)³
 SAIED S. FARAHMAND, Assistant in Psychology
 EVA FISHELL, Research Assistant
 MARCUS A. JACOBSON, Assistant (one year from July 1, 1959)²
 LEO V. KEMPTON, Clinical Assistant (one year from July 1, 1959)³
 MAQBUL A. MIAN, Clinical Assistant (one year from July 1, 1959)³
 ARTHUR H. NORTON, Clinical Assistant (one year from July 1, 1959)⁴
 ROBERT E. NYQUIST, Clinical Assistant (one year from July 1, 1959)⁴
 WILLIAM J. PIEPER, Assistant (one year from July 1, 1959)²
 WAGDI R. SALIB, Clinical Assistant (one year from July 1, 1959)⁴
 MORTON S. TABIN, Clinical Assistant (one year from July 1, 1959)³
 JOHN M. WHITMAN, Assistant (one year from July 1, 1959)²
 ORESTE ZALIS, Assistant (one year from July 1, 1959)²
 LOUISE T. ZAZOVE, Clinical Assistant (one year from July 1, 1959)⁴

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, Instructor²
 GEORGE B. GREENFIELD, Instructor¹
 JOHN R. HARTMAN, Instructor²
 JOHN C. BUSH, Assistant³
 LEONID CALENOFF, Assistant²
 CHARLES FRYE, Assistant²
 JOHN S. LEARY, Assistant (on leave of absence for military service)²
 ARTHUR R. MILLER, Assistant²
 SHELDON H. MILLER, Assistant²

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)³
WALID BURHANI, Instructor (one year from July 1, 1959)³
MOHAMMAD A. CHEEMA, Instructor (one year from July 1, 1959)³
NOBLE CORRELL, Clinical Instructor
GILBERT W. DOUGLAS, Clinical Instructor
L. PENFIELD FABER, Instructor (one year from July 1, 1959)³
GLENN W. FISCUS, Instructor (one year from July 1, 1959)²
JOHN W. FRISCH, Clinical Instructor
HOWARD L. GORDON, Instructor (one year from July 1, 1959)³
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)³
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)³
WILLIAM E. LOOBY, Clinical Instructor
CARL E. LORENTSON, Instructor (one year from July 1, 1959)²
JOSEPH R. McANDREW, Clinical Instructor (fourteen months from July 1, 1959)
NAEL MARTINI, Instructor (one year from July 1, 1959)³
RICHARD H. MEYER, Instructor (one year from July 1, 1959)³
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)³
STEVEN H. NYI, Clinical Instructor
JOHN W. OTTEN, Clinical Instructor
JOHN C. PARROTT, Instructor (one year from July 1, 1959)³
GEORGE L. PASTNACK, Clinical Instructor
EUELL G. PAUL, Clinical Instructor
HAROLD A. PAUL, Instructor (one year from July 1, 1959)³
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. RENDELMAN, Instructor (one year from July 1, 1959)²
 THOMAS SELLETT, Clinical Instructor
 CARL K. SOLANDER, Clinical Instructor
 HORACE E. STANSEL, Instructor (one year from July 1, 1959)²
 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)²
 DONALD M. BUCKNER, Assistant (one year from July 1, 1959)³
 PETER BUINAUSKAS, Assistant (one year from July 1, 1959)²
 JACKSON E. CAGLE, JR., Assistant (one year from July 1, 1959)²
 ANDRES GABEL, Assistant (one year from July 1, 1959)²
 GORDON H. GLASSFORD, Assistant (one year from July 1, 1959)²
 KENNETH P. GROVES, Assistant (one year from July 1, 1959)²
 JOSEPH F. HINKAMP, Clinical Assistant
 LOREN J. HUMPHREY, Assistant (one year from July 1, 1959)²
 FERNLY E. JOHNSON, Clinical Assistant
 JOHN M. KENWELL, Assistant (one year from July 1, 1959)²
 LEROY LONG, Assistant (one year from July 1, 1959)²
 WILLIAM H. MARSHALL, Assistant (one year from July 1, 1959)²
 JAMES H. MASON, Assistant (one year from July 1, 1959)²
 RANDALL E. McNALLY, Assistant (one year from July 1, 1959)²
 ALAIN F. MENGUY, Assistant (one year from July 1, 1959)²
 SAMIR M. RAGHEB, Assistant (one year from July 1, 1959)²
 STUART S. ROBERTS, Assistant (one year from July 1, 1959)²
 RICHARD C. SCHULTZ, Clinical Assistant (fourteen months from July 1, 1959)
 WENDELL H. SCHMIDTKE, Assistant (one year from July 1, 1959)²
 E. WILSON STAUB, Assistant (one year from July 1, 1959)²
 RICHARD A. TARIZZO, Assistant (one year from July 1, 1959)²
 RICHARD S. WEBB, JR., Assistant (one year from July 1, 1959)²
 ARTHUR R. WILLIAMSON, Assistant (one year from July 1, 1959)²

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)²
 RAYMOND C. FIRFER, Clinical Instructor
 IBRAHIM T. SOZER, Instructor (one year from July 1, 1959)²
 JAMES C. VALENTA, Clinical Instructor
 GAMIL T. ARIDA, Assistant (one year from July 1, 1959)²
 MALACHI J. FLANAGAN, Assistant (one year from July 1, 1959)²
 PABLO M. GONZALEZ, Clinical Assistant
 CHARLES F. MCKIEL, JR., Assistant (one year from July 1, 1959)²

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. VITRUNGS, Clinical Instructor
 OLAF W. ALLISON, Assistant (one year from July 1, 1959)²
 THOMAS L. ASHCRAFT, Assistant (one year from July 1, 1959)³
 MASSOUD S. ASHRAFI, Assistant (one year from July 1, 1959)³
 CARLETON E. DANGREMOND, Clinical Assistant
 CONSTANTE DE PADUA, Assistant (one year from July 1, 1959)³
 FLOYD N. HELLER, Assistant (one year from July 1, 1959)²
 MARGARET N. KEZDI, Clinical Assistant
 ABDUR R. KHAN, Assistant (one year from July 1, 1959)²
 PERRY L. LERNER, Assistant (one year from July 1, 1959)²
 NEONILA LYCHYK, Assistant (one year from July 1, 1959)⁴
 JAMES E. MAHER, Assistant (one year from July 1, 1959)⁴
 JESUS I. MATTOS, Assistant (one year from July 1, 1959)²
 WILLIAM R. MELBY, Clinical Assistant
 ROBERT F. MERRIMAN, Assistant (one year from July 1, 1959)³
 ROBERT J. NELSON, Assistant (one year from July 1, 1959)³
 WILLIAM C. ROBERTSON, Assistant²
 RONALD ROSENBERG, Assistant (one year from July 1, 1959)²
 MARCOS O. SANTANDER, Assistant (one year from July 1, 1959)³
 VIVENTE B. SANTELICES, Assistant (one year from July 1, 1959)³
 MORTON SHULMAN, Assistant (one year from July 1, 1959)²
 JOHN J. STRAUB, Assistant (one year from July 1, 1959)²
 AARON B. TORRES, Assistant (one year from July 1, 1959)³
 HIDEO TSUJI, Assistant (one year from July 1, 1959)³

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 ¹
Graduate College.....			16 091
Journalism and Communications.....			11 532
Law.....			716 ¹
Liberal Arts and Sciences.....			14 081 ¹
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 ¹		

¹ 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>			(755 492)
<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 ¹
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 ¹

¹ Deduct.

Physical Plant			
Regular operation and maintenance.....	\$33	701 ¹	
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>			(206 879)
Chicago Undergraduate Division			
General administration and expense.....	3	661 ¹	
Unassigned reserve for nonrecurring items.....	\$2	591	
Office of the Dean, art gallery.....		496 ¹	
Office of the Dean, 1959 summer television.....	2	526 ¹	431 ¹
Liberal Arts and Sciences.....			1 313
Engineering.....			4 112 ¹
Graduate College.....			1 802
Commerce and Business Administration.....			563
Physical Education.....			25 ¹
Other schools and colleges.....			401 ¹
Library.....			96 ¹
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>			(193)
<i>Grand Total.....</i>			\$962 564

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.

¹ 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
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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	College of Education, Elementary Education Division	Dage Television Divi- sion, Thompson Ramo Wooldridge, Inc., Michigan City, Ind.	3 619 77 f.o.b. delivered
Four 21 in. classroom receivers with stands			
Two electro-voice 647 microphones			
One pre-amplifier			
One tripod			
One dolly for camera			
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, 2 1/2 x 3 1/4, 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 1/2 in. x 30 1/2 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 (esti- mate)
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. motoring 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

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
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 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. 6¾—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. 6¾—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.	\$1 593 76
		\$937,500 (25 per cent)	
		H. R. Bresee & Co., Champaign, representing the Freeport Insurance Co.	4 702 50
		\$2,812,500 (75 per cent)	
Food Service Building:		Noonan Agency, Champaign, representing the Employers Mutual Casualty Co.	757 06
		\$367,500 (25 per cent)	
		Dickler Insurance Agency, Dwight, representing the Freeport Insur- ance Co.	2 231 46
		\$1,102,500 (75 per cent)	
		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 20, 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 Manu- facturing 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 stand- ard equipment	371 70 annually	June 23, 1959
University of Illinois Foundation	Rental of a portion of the premises at 704 South Sixth Street, Cham- paign, 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 <i>in vivo</i> experiments on mice with glioblastomas	\$ 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).

ARGOUDELIS, 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).
- BUDEMEIER, 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 ½ time, February 1, 1960-August 31, 1960, \$2300 a year (8-25-59).
- CARROLL, JOHN R., Associate Professor of Mechanical Engineering (C), ¾ 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), ½ 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, ½ 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), ¾ 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).
- DELFS, HARRY J., JR., Instructor in Chemistry (Physical Sciences) (Chicago Undergraduate Division), ¾ 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), ½ 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-

- ture, 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), $\frac{3}{8}$ 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).
- KREIER, 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).
- MICHALSEN, 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).
- PFLIEDERER, 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 (7-7-59).
- 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).
- WILDNER, 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).
- GANNS, 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).
- POTTLER, 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).
- TVEIEN, 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.
- KAEBERLE, 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.
- M 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 LIUDAHL 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 LATTA, 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
 JOHNNELLA 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 BHATTACHARYYA, B.M.E., Jadavpur University, 1951; M.Eng., Uni-
 versity 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 SADAQ 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 Col-
 lege (Cortland), 1953
 DONALD FERDINAND EBARP, B.S., 1955
 KENNETH ROSS RICKS, JR., B.S., 1958

In Sanitary Engineering

VASANTLAL KESHAVLAL 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
 LOUID 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 OBRICHT, 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
SHARON GAY EGGERS
JO ANN MARIE GISH
PATRICIA MCKEE HALFORD

MARY KATHRYN PIPER
IRENE OUTLAW ROBINSON
SUZANNE BERGERON SCHULTZ
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 LOEFFEL
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 McNAMEE
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 GOODMON
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

ALBERT NEIL FINCHAM

STANLEY JOHN RUSSELL, JR., Honors
 in Liberal Arts and Sciences with
 Highest Distinction in Mathematics

MARGARET ANNE FLOWERS

MARJORIE BRENDA SCHWARZ, Honors in
 Liberal Arts and Sciences

ALAN DEAN FLYNN

JACK ROSS SNADER

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

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

DAVID FOSTER SMITH

WESLEY EDWARD LINDBERG, B.S., 1958

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 OVALL
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