

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

September 18, 1963



The September meeting of the Board of Trustees of the University of Illinois was held in the Illini Union, Urbana, Illinois, on Wednesday, September 18, 1963, beginning at 10:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Wayne A. Johnston, Mr. Ray Page, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Mr. Irving Dilliard, Mr. Earl M. Hughes, and Governor Otto Kerner were absent.

Also present were President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier, Vice-President Norman A. Parker, Chicago Undergraduate Division, Vice-President Joseph S. Begando, University of Illinois at the Medical Center, Chicago, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. James J. Costello, Legal Counsel, Mr. V. L. Kretschmer, Director of Auxiliary Services, Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and the officers of the Board, Mr. R. R. Manchester, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary. Mr. C. W. Sanford, Dean of Admissions and Records, was present at the beginning of the meeting.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on March 20 and April 17, 1963, press proof copies of which have previously been sent to the Board.

On motion of Mr. Pogue, these minutes were approved as printed on pages 419 to 482, 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.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

Dean of Admissions and Records C. W. Sanford presented a report on the enrollment for 1963-64 and then left the meeting.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in May, 1963, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended.

JOHN BLAIR ALVAREZ, Chicago, Illinois

ROBERT CHARLES ARMBRUSTER, Aurora, Illinois

JAMES THEODORE ARNOLD, Mount Prospect, Illinois

RONALD EMIL BAILITZ, Chicago, Illinois

RICHARD ERNEST BARTLE, Blue Island, Illinois

FRANCIS WILLIAM BAUER, Chicago, Illinois

DAVID ALAN BEIRIGER, Clarendon Hills, Illinois

DONALD HARVEY BENTSEN, Barrington, Illinois

ALAN BERKOVITZ, Chicago, Illinois

HUBERT LLOYD BERNHEIM, Chicago, Illinois

VICTOR HERBERT BEZMAN, Chicago, Illinois

RICHARD EARL BRANDWEIN, Chicago, Illinois

FRANK ANTHONY BRIODY, Chicago, Illinois

JAMES JAY BUCK, JR., Peoria, Illinois

WILLIAM ELDAN BUFORD, Chicago Heights, Illinois

JAMES ELLSWORTH BURK, Oak Park, Illinois

ERNEST EUGENE CALL, Chicago, Illinois

DENNIS JAY CARLIN, Chicago, Illinois

ROBERT WILBUR CAUDILL, La Grange, Illinois

HOWARD STUART CHAPMAN, Chicago, Illinois

GERALD DAVID CHISS, Chicago, Illinois

WILLIAM RICHARD CHROSZY, JR., Berwyn, Illinois

RICHARD BROCKMAN COHEN, Chicago, Illinois

LAWRENCE MATTHEW COHN, Chicago, Illinois

GEORGE TIMOTHY COLLERAN, Chicago, Illinois

EUGENE ANTHONY COSTABILE, Chicago, Illinois

EUGENE JOHN COVENEY, Oak Lawn, Illinois

DON ROBERT DASEKE, Elk Grove Village, Illinois

WILLARD JUHNKE DEFILIPPS, Chicago, Illinois

VIRGIL BRUNO DEL GHINGARO, Chicago, Illinois

JOHN JAMES DESMOND, Urbana, Illinois

THOMAS ARNOLD DEWINTER, Park Forest, Illinois

MERRILL DAVID DIEKEN, Champaign, Illinois

RAYMOND CURTIS DOCKWEILER, Urbana, Illinois

ANNE MARIE DONAHUE, Evanston, Illinois

PAUL EDWARD DUCKWORTH, Newman, Illinois

CHARLES ARTHUR DUNKEL, Chicago, Illinois

VON LELAND ELBERT, Villa Park, Illinois

ROLAND RAY EMERSON, Berwyn, Illinois

- STEPHEN NORMAN ENGBERG, Chicago, Illinois
 EDWARD ALBERT ENGEL, Morton Grove, Illinois
 SHELDON DAVID ENGEL, Chicago, Illinois
 JOSEPH EARLE ERNSTEEN, Chicago, Illinois
 ROBERT DOUGLAS FARR, Park Ridge, Illinois
 ROBERT JAMES FELLER, Chicago, Illinois
 JOSEPH EDGAR FLEMING, Fairfield, Illinois
 NORBERT ANTHONY FLOREK, Chicago, Illinois
 ALLEN ROBERT FREEDMAN, Chicago, Illinois
 IRVING FREIREICH, Hickory Hills, Illinois
 RODNEY JOHN FREITAG, Chicago, Illinois
 RONALD JOSEPH FRISCH, Chicago, Illinois
 BERNARD ROBERT GASSMAN, Northbrook, Illinois
 RICHARD ERVIN GEORGE, JR., Addison, Illinois
 HARRY GOLDBIRSH, Chicago, Illinois
 ARNOLD DAVID GOLDSTEIN, Chicago, Illinois
 RICHARD ARNOLD GOODMAN, Chicago, Illinois
 GERALD LOUIS GOVERNILE, Chicago, Illinois
 RICHARD GLEN GRAF, Chicago, Illinois
 CHARLES DONALD GUSTAFSON, Arlington Heights, Illinois
 PHILIP MARC GUZZETTA, Glenview, Illinois
 DONALD LINDUS HADLEY, Hillside, Illinois
 JAMES ALLAN HAGAN, Chicago, Illinois
 FREDERIC LOUIS HAHN, Highland Park, Illinois
 JAMES EDWARD HALLER, Skokie, Illinois
 THOMAS CARTER HARKESS, Lombard, Illinois
 JOHN PARKER HARNESS, Chicago, Illinois
 MARY ELIZABETH HAUGH, Chicago, Illinois
 JAY EDMUND HECHTMAN, Evanston, Illinois
 RAY EDWARD HETTINGER, Aurora, Illinois
 JOHN DOUGLAS HEWITT, Urbana, Illinois
 DAVID EDWARD HILQUIST, Park Ridge, Illinois
 JACK HIMEL, Des Plaines, Illinois
 JOHN PATRICK HINES, Chicago, Illinois
 PAUL EDWARD HIPPLE, Charleston, Illinois
 RALPH ARTHUR HOFFMAN, Chicago, Illinois
 WALTER SCOTT HUFF, JR., Peoria, Illinois
 WILLIAM DAVID HUGHES, Chicago, Illinois
 MICHAEL DENNIS HUNT, Chicago, Illinois
 KATHRYN MARY ILIFF, Sycamore, Illinois
 RICHARD IZEN, Chicago, Illinois
 RICHARD DANIEL JACOBSON, Chicago, Illinois
 KENNETH LEROY JOHNSON, Park Forest, Illinois
 WAYNE ANTON JOHNSON, Urbana, Illinois
 ELIAS GUS KALOMIRIS, Chicago, Illinois
 DONALD JEROME KAMIN, Chicago, Illinois
 SHELBY H. KANARISH, Skokie, Illinois
 JEROLD KAREL, Chicago, Illinois
 RICHARD JOHN KASTEN, Glen Ellyn, Illinois
 WALTER MICHAEL KELLY, JR., Oak Park, Illinois
 MICHAEL ALAN KLEIMAN, Chicago, Illinois
 THEODORE HERMAN KOHL, Chicago, Illinois
 JOHN ANTHONY KOPECKY, Lake Villa, Illinois
 LOREN BERNARD KRAMER, Chicago, Illinois
 HAROLD KENNETH KROEGER, Chicago, Illinois
 HARVEY NORMAN KUPFER, Chicago, Illinois
 CHARLES RUDER LAFF, Lincolnwood, Illinois
 BENJAMIN EARL LINSKY, Chicago, Illinois
 DON GALEN LOCKHART, Champaign, Illinois
 MICHAEL RAYMOND LOONEY, Chicago, Illinois
 ANTHONY MARIO MANDOLINI, Niles, Illinois
 CRAIG LEE MARION, Rockford, Illinois
 DAVID AARON MASON, Chicago, Illinois
 LLOYD MILTON McCLURE, Beardstown, Illinois
 WILLIAM GRIFFITH McMILLAN, Chicago, Illinois
 JOHN JOSEPH MENAS, Chicago, Illinois
 WILLIAM EDGAR MERCER, Neponset, Illinois
 EDMUND ROBERT MEYER, JR., Palatine, Illinois
 ROGER JOHN MODDER, Chicago, Illinois
 JAMES SYDNEY MORRIS, Chicago, Illinois
 STUART ANDREW MORRIS, Chicago, Illinois

- EDWARD JAMES MUDRA, North
Riverside, Illinois
ROBERT WILLIAM MUHS, Skokie, Illinois
JOHN HENRY MULHERN, JR., Chicago,
Illinois
ALVIN JOHN MUNSTERMAN, JR.,
Western Springs, Illinois
HAROLD RICHARD MURPHY, Decatur,
Illinois
BERNARD ALOYSIUS NABOROWSKI,
Chicago, Illinois
IRA STANLEY NATHAN, Chicago, Illinois
EDWIN JOHN NEMEC, Western Springs,
Illinois
THOMAS JAMES NESSINGER, Chicago,
Illinois
LOUIS HARLIN NEWTON, Mount
Prospect, Illinois
PAUL ARTHUR NORBERG, Chicago,
Illinois
PATRICK MARY O'CONNOR, Chicago,
Illinois
ALAN PAUL OLSCHWANG, Chicago,
Illinois
EDWARD THOMAS OSSMAN, Des Plaines,
Illinois
MICHAEL NEIL OWEN, Park Forest,
Illinois
RICHARD FRANKLIN PAGE, Glenview,
Illinois
SIMON REED PEARLMAN, Chicago,
Illinois
ARTHUR DONALD PERRONE, JR., Chicago,
Illinois
RONALD CARL PETERS, Chicago, Illinois
WILLIAM EDWARD PETERSON,
Collinsville, Illinois
FRANK KING PHELPS, Oak Lawn,
Illinois
LAWRENCE CHARLES PRAZAK, Riverside,
Illinois
IRA L. PRITZKER, Peoria, Illinois
RODNEY ANDREW RAWLS, Chicago,
Illinois
ROBERT DALE READY, Riverdale, Illinois
ARTHUR ROBERT REELAND, Chicago,
Illinois
JEROME PHILIP REHAUT, Chicago,
Illinois
ROBERT WILLIAM RENINGER, Niles,
Illinois
JERALD FRED RICHMAN, Chicago,
Illinois
RICHARD GEORGE ROBERTS, JR., Chicago,
Illinois
RONALD CARL ROBERTSON, Elmhurst,
Illinois
THEODORE HEAVENRICH ROBINSON,
Chicago, Illinois
JOHN HARRISON SAXTON, Peru, Illinois
MARGARET EVELYN SCHABOW,
Bensenville, Illinois
KENNETH IRWIN SCHANER, Chicago,
Illinois
TERRY MICHAEL SCHLADE, Chicago,
Illinois
JERRY LEE SEILER, Urbana, Illinois
PAUL FREDERICK JEFFERSON SELLERS,
Orlando, Florida
JERRY ELLIS SERLIN, Chicago, Illinois
MYRON DAVID SHAPIRO, Chicago,
Illinois
WILLIAM JOSEPH SHARPITIS, Cicero,
Illinois
THOMAS EUGENE SHEPPERD, Champaign,
Illinois
NICHOLAS CHARLES SHORTINO,
Carpentersville, Illinois
ROBERT FLETCHER SHUCK III, Chicago,
Illinois
WILLIAM FREDERICK SKEMP, Chicago,
Illinois
KENNETH IRA SOLOMON, Chicago,
Illinois
ORPHEUS JAVARAS SOPRANOS, Chicago,
Illinois
FREDERICK LOUIS SPECHT, Chicago,
Illinois
JAMES ARTHUR STARK, Northbrook,
Illinois
EDWARD STEGMAN, Aurora, Illinois
MAURICE ALBERT STEINER, Chicago,
Illinois
SCOTT FREDERIC STERNFIELD, Chicago
Illinois
GEORGE RICHARD STEVENS, Cicero,
Illinois
HARRY EFFINGER STEWART, Champaign,
Illinois
ROBERT LEE STONE, Champaign, Illinois
MASON DENNIS SULLIVAN, Oak Park,
Illinois
DONALD EDWARD SWARTZ, Naperville,
Illinois
DONALD ODEAN TEIGEN, Chicago,
Illinois
KENNETH RUSSELL TODD, JR., Chicago,
Illinois
HARRY WING TONG, Chicago, Illinois
DAVID EDWIN TRIMBLE, Brookfield,
Illinois
JOE ARDEN TRINE, Urbana, Illinois
RICHARD WAYNE TRUELICK, Chicago,
Illinois
GUST SAM VALLAS, Chicago, Illinois
VERL ROBERT VAN DYKE, Forest Park,
Illinois
JAMES SUTTON VAN PELT, JR.,
Washington, D.C.

WALTER JOHN FREDRICK WADMAN, Glenview, Illinois	WARREN LeROY WHITE, Chicago, Illinois
MARK CRAVEN WALKER, Jr., Chicago, Illinois	HENRY EDWARD WIERENGA, Cicero, Illinois
GERALD MICHAEL WALSH, Chicago, Illinois	EDWARD ALLEN WILLIAMS, Chicago, Illinois
HAROLD RICHARD WARMAN, Arlington Heights, Illinois	DENNIS WILBERT WILLIAMSON, Skokie, Illinois
ROBERT RAVEN WEAVER, Rockford, Illinois	ELWYN CHARLES WINLAND, Mt. Prospect, Illinois
JOHN HERBERT WELLMAN, Jacksonville, Illinois	RONALD JOHN WITEK, Oak Lawn, Illinois
DONALD JOHN WERNER, Champaign, Illinois	WAYNE WESLEY WOLF, La Grange Park, Illinois
WILLIAM FREDRICK WERTH, Evanston, Illinois	STEVEN EDWARD WOLLACK, Skokie, Illinois
THOMAS DENNIS WHITE, Champaign, Illinois	HOWARD YEFSKY, Chicago, Illinois

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>
WILLIAM PAUL AUSMAN	Lawrenceville, Illinois	Alabama
MERLIN MURRAY BAILEY	Indianapolis, Indiana	Indiana
WALTER P. BOYD	Phoenix, Arizona	Arizona
CHARLES VINCENT DOHERTY	Chicago, Illinois	Pennsylvania
EARL WILLIAM DRUEHL	Davenport, Iowa	Iowa
ROBERT EARLE HEARNES	Charleston, Missouri	Missouri
GEORGE FREDERICK HELLER	Wilmette, Illinois	Indiana
PAUL ALLEN HENDRIX	Cape Girardeau, Missouri	Missouri
JOHN ADOLPH NESBIT	Belleville, Illinois	Missouri
BOB R. RITCHHART	Indianapolis, Indiana	Indiana
DONALD MAURICE UREEL	Western Springs, Illinois	Michigan

I concur.

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

ADVISORY COMMITTEE FOR THE DIVISION OF UNIVERSITY EXTENSION

(2) The Dean of the Division of University Extension recommends the following appointments to the Division of University Extension Advisory Committee for two years beginning September 1, 1963.

Representatives of the University

PROFESSOR VAN MILLER, College of Education

PROFESSOR PHILLIP MONYPENNY, Department of Political Science

These appointees replace Professor Harvey W. Huegy, Head, Department of Marketing, and Professor George W. White, Head, Department of Geology, whose terms have expired.

Other representatives of the University on the Committee are: Professor Charles K. Brightbill, Head, Department of Recreation and Municipal Park Administration; Professor Warren F. Doolittle, Jr., Department of Art; and Professor Kenneth J. Trigger, Department of Mechanical and Industrial Engineering.

Non-University Representatives

CURT E. ECKERT, Eckerts, Inc., Rural Route 1, Belleville

C. GROETEKE, Illinois State Representative, American Federation of State, County, and Municipal Employees, Room 228, United Mine Workers Building, Fourth and Monroe Streets, Springfield

W. G. YOUNG, President, Case Manufacturing Company, Robinson

These appointees replace Russell L. Guin, President, Interstate Printers and Publishers, Inc., Danville; Lloyd McBride, Sub-district Director, United Steelworkers of America, Granite City; and Earl I. Swords, President of Peoria Tractor Company, Peoria, whose terms have expired.

Other non-University representatives are William R. McIntosh, Superintendent, Rockford Public Schools, 201 South Madison Street, Rockford; and Gerald Plank, Director, Department of Personnel, Caterpillar Tractor Company, Joliet.

I concur.

On motion of Mr. Johnston, these appointments were 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. SAMUEL M. ADLER, Visiting Professor of Art and Associate Member of the Center for Advanced Study, for four and one-half months from February 1, 1964, at a salary of \$7,000.
2. JOSEPH AGASSI, Associate Professor of Philosophy, for three years beginning September 1, 1963, at an annual salary of \$11,500.
3. RENE AMON, Assistant Professor of Engineering, Chicago Undergraduate Division, beginning September 1, 1963, at an annual salary of \$7,250.
4. RICHARD C. ANDERSON, Research Assistant Professor of Educational Psychology, beginning September 1, 1963, at an annual salary of \$10,500.
5. ROBERT B. ASH, Associate Professor of Electrical Engineering, beginning September 1, 1963, at an annual salary of \$10,000.
6. DAVID J. BORDUA, Associate Professor of Sociology, beginning March 1, 1964, at an annual salary of \$10,500.
7. ESTHER LOUISE BROWN, Assistant Professor of Home Economics, beginning September 1, 1963, at an annual salary of \$10,000.
8. GEOFFREY BRUUN, Visiting Professor of History and in the Division of General Studies, for the academic year 1963-64, at a salary of \$20,000.
9. ALVIN G. BURSTEIN, Assistant Professor of Psychology, Department of Psychiatry, College of Medicine, beginning September 1, 1963, at an annual salary of \$10,500.
10. JOHN C. CLARKE, Assistant Professor of English, beginning September 1, 1963, at an annual salary of \$7,300.
11. AUGUSTUS I. DHAR, Assistant Professor of Physics, Chicago Undergraduate Division, beginning September 1, 1963, at an annual salary of \$8,600.
12. MARTIN L. EICHMAN, Assistant Professor of Pharmacy, beginning September 2, 1963, at an annual salary of \$8,600.
13. JOHN J. GILMAN, Professor of Physics and of Metallurgy, in the Department of Physics and the Department of Mining, Metallurgy, and Petroleum Engineering, beginning September 1, 1963, at an annual salary of \$18,500.
14. GENE S. GILMORE, Assistant Professor of Journalism, beginning September 1, 1963, at an annual salary of \$8,200.
15. FRANK GOLDBY, Visiting Professor of Anatomy, College of Medicine, for nine months from September 1, 1963, at a salary of \$13,995.
16. HENRY HARAF, Visiting Professor of Education, Bureau of Educational Research, beginning September 1, 1963, at an annual salary of \$13,200.
17. JOHN D. HENDERSON, Visiting Professor of Library Science, Graduate School of Library Science, for the second semester of 1963-64, at a salary of \$5,700.
18. MARGARET M. HEYMAN, Assistant Professor in the Jane Addams Graduate School of Social Work, beginning September 1, 1963, on one-fifth time, at an annual salary of \$2,000.

19. GEORGE A. HINDS, Professor of Architecture, Chicago Undergraduate Division, beginning September 1, 1963, at an annual salary of \$10,000.
20. HIROHIDE HINOMOTO, Assistant Professor of Industrial Administration, beginning September 1, 1963, at an annual salary of \$9,200.
21. PAUL T. HOFFMAN, Visiting Associate Professor of German, for the first semester of 1963-64, at a salary of \$5,000.
22. JOANNE HOLDEN, Assistant Professor of Nursing, from September 30, 1963, through December 21, 1963, on three-tenths time, at a salary of \$900.
23. NICK HOLONYAK, JR., Professor of Electrical Engineering, beginning September 1, 1963, at an annual salary of \$15,000.
24. JAMES C. HÖRGER, Visiting Assistant Professor of Educational Psychology, College of Education, for the academic year 1963-64, at a salary of \$9,000.
25. JOHN L. HUDSON, Assistant Professor of Chemical Engineering, Department of Chemistry and Chemical Engineering, beginning September 1, 1963, at an annual salary of \$7,800.
26. JOAN M. KING, Assistant Professor of Nursing, beginning September 1, 1963, at an annual salary of \$9,000.
27. FRANK B. KNIGHT, Visiting Assistant Professor of Mathematics, for one year from September 1, 1963, at a salary of \$8,500.
28. JOSEPH R. LARSEN, JR., Assistant Professor of Entomology, in the Department of Entomology and the Department of Physiology and Biophysics, for two months from July 1, 1963, at a salary of \$2,000, and from September 1, 1963, at an annual salary of \$9,000.
29. ARNOLD LEARNER, Assistant Professor of Mathematics, beginning September 1, 1963, at an annual salary of \$8,500.
30. JACK N. LEWIS, Visiting Professor of Agricultural Economics, for one year from September 1, 1963, on one-half time, at a salary of \$7,200.
31. HENRY MAYER, Visiting Professor of Political Science, for the second semester of 1963-64, at a salary of \$7,000.
32. GUY B. MAYNARD, JR., Assistant Professor of Hygiene and Staff Physician, in the Health Center and McKinley Hospital, beginning September 1, 1963, at an annual salary of \$17,000.
33. VIRGINIA M. OHLSON, Associate Professor of Nursing, beginning September 1, 1963, on one-fifth time, at an annual salary of \$2,060; beginning January 1, 1964, on full time, at an annual salary of \$10,300.
34. HERSHEL PARKER, Assistant Professor of English, beginning September 1, 1963, at an annual salary of \$7,000.
35. PRAMOD PATHAK, Visiting Assistant Professor of Mathematics, for one year from September 1, 1963, at a salary of \$8,500.
36. SHELDON J. PLAGER, Visiting Associate Professor of Law, beginning September 1, 1963, at an annual salary of \$14,700.
37. RICHARD L. PRAIRIE, Assistant Professor of Biochemistry, Department of Chemistry and Chemical Engineering, beginning September 1, 1963, at an annual salary of \$7,400.
38. RONALD A. ROHRER, Assistant Professor in the Department of Electrical Engineering and in the Coordinated Science Laboratory, beginning September 1, 1963, at an annual salary of \$8,800.
39. MAHENDAR K. SINGAL, Visiting Assistant Professor of Mathematics, for one year from September 1, 1963, at a salary of \$7,000.
40. EDITH D. STANLEY, Research Assistant Professor of Medicine, beginning September 1, 1963, at an annual salary of \$9,000.
41. RONALD W. STERKEL, Associate Professor of Art, beginning September 1, 1963, at an annual salary of \$9,500.
42. GALEN D. STUCKY, Assistant Professor of Inorganic Chemistry, Department of Chemistry and Chemical Engineering, beginning January 1, 1964, at an annual salary of \$7,800.
43. GAISI TAKEUTI, Visiting Associate Professor of Mathematics, for one year from September 1, 1963, at a salary of \$10,000.
44. ANNE E. TRASK, Assistant Professor in the Bureau of Educational Research, beginning September 1, 1963, at an annual salary of \$10,000.
45. LEONARD P. ULLMAN, Visiting Associate Professor of Psychology, for one year from September 1, 1963, at a salary of \$10,650.

46. Jo ANNE WHITAKER, Associate Professor of Pediatrics, assigned to the Faculty of Medicine, Chiangmai Hospital, Chiangmai, Thailand, for two years from August 16, 1963, at an annual salary of \$17,000.

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

APPOINTMENT OF STAFF ASSOCIATE IN THE PRESIDENT'S OFFICE

(4) I have approved the appointment of Colonel Clair M. Worthy, U.S.A., Professor and Head of the Department of Military Science, who is retiring from active service in the Army, as Staff Associate in the Office of the President and Associate Director of the Citizens Committee, beginning October 1, 1963, at an annual salary of \$7,500 on a twelve-month service basis and request confirmation of this action.

Colonel Worthy will have responsibility for local hospitality to distinguished guests, both from abroad and from other universities in this country. Because of his background and experience, he will be able to deal graciously with important visitors, and will make a real contribution both to saving staff time and to improving our handling of visitors.

In addition, Colonel Worthy will work with the Director of the Citizens Committee in making arrangements for meetings and follow-up activities, as well as handling the event at the time of the meeting.

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

APPOINTMENT OF ACTING DEAN OF THE GRADUATE COLLEGE

(5) On recommendation of the Executive Committee of the Graduate College, and with the concurrence of the Executive Vice-President and Provost, I have appointed Dr. Herbert E. Carter, Professor of Biochemistry and Head of the Department of Chemistry and Chemical Engineering, as Acting Dean of the Graduate College, beginning September 1, 1963, at an additional salary at an annual rate of \$1,000 for this administrative service.

He will succeed Dr. F. T. Wall, who has asked to be relieved of this administrative assignment in order to devote full time to teaching and research.

Confirmation of this action is requested.

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

NONSALARIED FACULTY OF THE COLLEGE OF MEDICINE. 1963-1964

(6) I present the following list of appointments to the nonsalaried faculty of the College of Medicine for the academic year beginning September 1, 1963.

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 former Presbyterian Hospital, now Presbyterian-St. Luke's Hospital, by authority of the Board of Trustees.

The list includes new appointments and reappointments. Professors and Associate Professors who have been on indefinite tenure in the past are being continued in that status. However, all new appointments at, or promotions to, the rank of Associate Professor are for one year (indicated by the symbol "DY"), and subsequent reappointments of such staff members will be on an annual basis.

On motion of Mrs. Watkins, these appointments were approved as listed below.

Summary		
Department	1962-63	1963-64
Anatomy.....	5 (1)*	5 (1)
Biological Chemistry.....	15	13
Dermatology.....	28 (3)	28 (2)
Medical Social Work.....	2	4
Medicine.....	286 (27)	305 (29)
Microbiology.....	5 (1)	6
Neurology and Neurological Surgery.....	11 (1)	17 (1)
Obstetrics and Gynecology.....	97 (2)	100 (4)
Ophthalmology.....	50 (4)	56 (4)

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

<i>Department</i>	<i>1962-63</i>	<i>1963-64</i>
Orthopaedic Surgery.....	27 (2)	30 (2)
Otolaryngology.....	69 (8)	74 (9)
Pathology.....	40 (2)	46 (2)
Pediatrics.....	78 (7)	85 (5)
Pharmacology.....	3	3
Physical Medicine and Rehabilitation.....	5	4
Physiology.....	2 (1)	2 (1)
Preventive Medicine.....	11 (1)	11 (1)
Psychiatry.....	124 (2)	136 (2)
Public Health.....	7	6
Radiology.....	30 (1)	25 (1)
Surgery (including Urology and Anesthesiology).....	221 (11)	233 (13)
<i>Total</i>	<i>1 116 (74)</i>	<i>1 189 (77)</i>

Anatomy

GUSTAVE L. ZECHEL, Lecturer with the rank of Associate Professor, *Emeritus*
 PHILIP CASELLA, Clinical Assistant Professor
 ARTHUR F. CIPOLLA, Clinical Assistant Professor
 FRANK A. VICARI, Clinical Assistant Professor
 DWIGHT D. DAVIS, Lecturer

Biological Chemistry

MAX K. HORWITT, Professor
 MAX E. RAFELSON, JR., Professor
 HERMANN G. MATTENHEIMER, Associate Professor (DY)¹
 RICHARD D. COLEMAN, Assistant Professor
 ALVIN DUBIN, Assistant Professor
 CLARENCE F. DECKER, Assistant Professor
 ALVIN J. GLASKY, Assistant Professor
 JAMES A. HAYASHI, Assistant Professor
 TOHRU INOUE, Assistant Professor
 CHARLES F. LANGE, Assistant Professor
 JOSEPH SAMACHSON, Assistant Professor
 HOWARD H. SKY-PECK, Assistant Professor
 HYOGO SINOHARA, Research Associate

Dermatology

LEONARD F. WEBER, Clinical Professor, *Emeritus*
 CLARK W. FINNERUD, Clinical Associate Professor (Rush), *Emeritus*
 ALFRED B. FALK, Clinical Associate Professor
 PAUL R. GRIFFITH, Clinical Associate Professor
 JOHN B. HAEBERLIN, Clinical Associate Professor
 IRENE NEUHAUSER, Clinical Associate Professor
 MILTON ROBIN, Clinical Associate Professor
 ALBERT H. SLEPYAN, Clinical Associate Professor
 SIDNEY BARSKY, Clinical Associate Professor (DY)
 SAMUEL W. BECKER, JR., Clinical Associate Professor (DY)
 STEFAN BIELINSKI, Clinical Assistant Professor
 IRVING H. DISTELHEIM, Clinical Assistant Professor
 ALLEN S. PEARL, JR., Clinical Assistant Professor
 LOUIS RUBIN, Clinical Assistant Professor
 EDWIN M. SMITH, Clinical Assistant Professor

¹ The symbol DY indicates the appointment for one year from September 1, 1963, on a twelve-month service basis, and is used here to designate those who are being appointed to the rank of Associate Professor for one year only. Where the symbol DY does not appear, the appointment of a Professor or an Associate Professor is on indefinite tenure.

² Also Resident at Presbyterian-St. Luke's Hospital.

³ Also Resident at Research and Educational Hospitals.

⁴ Also Resident at Hines Veterans Administration Hospital.

⁵ Also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary.

⁶ Also Resident at Research and Educational Hospitals, assigned to the Institute for Juvenile Research.

⁷ Also Resident at Cook County Hospital.

BERNARD YAFFE, Clinical Assistant Professor
IRMA ALESHIRE, Clinical Instructor
CHESTER L. KROLL, Clinical Instructor
JOHN D. MCGRAE, JR., Clinical Instructor (fourteen months from July 1, 1963)
HAROLD M. SPINKA, Clinical Instructor
SEYMOUR WEINSTEIN, Clinical Instructor
BRUCE B. BURGESS, Assistant
SYDNEY A. DIAMOND, Assistant
HARVEY J. FAGELSON, Assistant (one year from July 1, 1963)^a
JACK M. FOX, Assistant
RAYMOND M. HANDLER, Assistant^a
WILFRIED L. SCHMEROLD, Clinical Assistant
JOSEPH R. SHANNON, Assistant (eleven months from August 1, 1963)^a

Medical Social Work

NANCY V. GILSON, Assistant Professor
DOROTHY N. MURPHY, Assistant Professor
RENEE E. HACK, Instructor
LOIS A. MCFADDEN, Instructor

Medicine

WALTER C. ALVAREZ, Lecturer in Medicine with rank of Professor, *Emeritus*
AARON ARKIN, Clinical Professor (Rush), *Emeritus*
JAMES B. EYERLY, Clinical Professor (Rush), *Emeritus*
LOUIS FELDMAN, Clinical Professor, *Emeritus*
MORRIS FISHBEIN, Lecturer in Medicine with rank of Professor (Rush), *Emeritus*
ELLIS B. FREILICH, Clinical Professor, *Emeritus*
WILLIAM G. HIBBS, Clinical Professor (Rush), *Emeritus*
FRANK B. KELLY, 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*
WILLARD L. WOOD, Clinical Professor (Rush), *Emeritus*
EVAN M. BARTON, Clinical Professor (Rush)
JAMES A. CAMPBELL, Professor
RICHARD B. CAPPS, Clinical Professor
PAUL HELLER, Professor
HAROLD C. LUETH, Clinical Professor
KARL H. PFUETZE, Clinical Professor
THEODORE B. SCHWARTZ, Professor
GEORGE W. STUPPY, Clinical Professor (Rush)
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*
EUGENE F. TRAUT, Clinical Associate Professor (Rush), *Emeritus*
RALPH W. TRIMMER, Clinical Associate Professor (Rush), *Emeritus*
HOWARD WAKEFIELD, Clinical Associate Professor, *Emeritus*
MELVIN L. AFREMOW, Clinical Associate Professor
ARTHUR BERNSTEIN, Clinical Associate Professor
HERBERT C. BREUHAUS, Clinical Associate Professor (Rush)
GEORGE V. BYFIELD, Clinical Associate Professor
THOMAS J. COOGAN, 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
ROBERT O. LEVITT, Clinical Associate Professor
MEYER R. LICHTENSTEIN, Clinical Associate Professor
ARMAND LITTMAN, Associate Professor

CLAYTON J. LUNDY, Clinical Associate Professor (Rush)
J. CHARLES McMILLAN, Jr., Clinical Associate Professor
MILTON M. MOSKO, Clinical Associate Professor
JEROME T. PAUL, Clinical Associate Professor
ISADORE PILOT, Clinical Associate Professor
THEODORE Z. POLLEY, Clinical Associate Professor
EUGENE J. RANKE, Clinical Associate Professor
SAMUEL H. ROSENBLUM, Clinical Associate Professor
WILLIAM SAPHIR, Clinical Associate Professor
ARMIN F. SCHICK, Clinical Associate Professor (Rush)
JAMES A. SCHOENBERGER, Clinical Associate Professor
MITCHELL A. SPELLBERG, Clinical Associate Professor
IRVING E. STECK, Clinical Associate Professor
FRANK E. TROBAUGH, Jr., Associate Professor
MAX BERG, Clinical Associate Professor (DY)
LIONEL M. BERNSTEIN, Associate Professor (DY)
GEORGE H. BERRYMAN, Clinical Associate Professor (DY)
ANGELO P. CRETICOS, Clinical Associate Professor (DY)
AARON GUNTHER, Clinical Associate Professor (DY)
WILLIAM J. HAND, Clinical Associate Professor (DY)
JANET R. KINNEY, Clinical Associate Professor (DY)
SHELDON E. KRASNOW, Clinical Associate Professor (DY)
JULES H. LAST, Clinical Associate Professor (DY)
BERTRAM G. NELSON, Clinical Associate Professor (Rush) (DY)
LAWRENCE PERLMAN, Clinical Associate Professor (DY)
ROBERT M. POSKE, Clinical Associate Professor (DY)
MARJORIE M. PYLE, Clinical Associate Professor (DY)
PAUL RAVENNA, Clinical Associate Professor (DY)
PAUL J. SANAZARO, Clinical Associate Professor (DY)
JOHN T. SHARP, Clinical Associate Professor (DY)
GRAHAM A. VANCE, Clinical Associate Professor (DY)
GERALD A. WILLIAMS, Clinical Associate Professor (DY)
LEO E. AMTMAN, Clinical Assistant Professor, *Emeritus*
JOHN A. GARDINER, Clinical Assistant Professor (Rush), *Emeritus*
BENJAMIN H. HILKEVITCH, Clinical Assistant Professor (Rush), *Emeritus*
GRANT H. LAING, Clinical Assistant Professor, *Emeritus*
OSMUND H. AKRE, Clinical Assistant Professor
DAVID BALDWIN, Clinical Assistant Professor
ROBERT J. BECKER, Clinical Assistant Professor
HERBERT E. BESSINGER, Clinical Assistant Professor
ALBIN M. BRIXEY, Jr., Clinical Assistant Professor
RALPH G. BROWN, Clinical Assistant Professor
RICHARD A. CARLETON, Assistant Professor
CHESTER COGGESHALL, Clinical Assistant Professor
NICHOLAS V. COSTEA, Assistant Professor (fourteen months from July 1, 1963)
JOHN A. DETWEILER, Clinical Assistant Professor
HENRY D. DEYOUNG, Clinical Assistant Professor
MICHAEL M. DIGILIO, Clinical Assistant Professor
DEAN F. DIMICK, Clinical Assistant Professor
PETER J. FARAGO, Clinical Assistant Professor
ROBERT E. FELIX, Clinical Assistant Professor
BENUM W. FOX, Clinical Assistant Professor
DONALD T. FOXWORTHY, Clinical Assistant Professor
SANFORD A. FRANZBLAU, Clinical Assistant Professor
ROBERT C. FRUIN, Clinical Assistant Professor
RAYMOND M. GALT, Clinical Assistant Professor
MORTON A. GOLDMANN, Clinical Assistant Professor
BUFORD HALL, Clinical Assistant Professor
HARRY L. HUNTER, Clinical Assistant Professor
FRANK W. JONES, Clinical Assistant Professor
PHILIP N. JONES, Clinical Assistant Professor
BENJAMIN M. KAPLAN, Clinical Assistant Professor
ERVIN KAPLAN, Clinical Assistant Professor

ROLAND L. KESLER, Clinical Assistant Professor (Rush)
WALLACE W. KIRKLAND, JR., Clinical Assistant Professor
SYDNEY KOFMAN, Assistant Professor
CHARLES H. LAWRENCE, Clinical Assistant Professor
BRUCE D. LEE, Clinical Assistant Professor
JEROME S. MEHLMAN, Clinical Assistant Professor
MORGAN M. MEYER, Clinical Assistant Professor
THOMAS MORRISON, Clinical Assistant Professor
ROBERT C. MUEHRCKE, Clinical Assistant Professor
JOSEPH J. MUENSTER, JR., Assistant Professor
JOHN R. NECHELES, Clinical Assistant Professor
JOSEPH R. NORA, Clinical Assistant Professor
JOHN POST, Clinical Assistant Professor (Rush)
OLDRICH PREC, Clinical Assistant Professor
SOPHIE J. PRESLEY, Clinical Assistant Professor
ALEXANDER N. RUGGIE, Clinical Assistant Professor
SEYMOUR R. SALBERG, Clinical Assistant Professor
ANTHONY R. SAPIENZA, Clinical Assistant Professor
HAROLD SCHOOLMAN, Clinical Assistant Professor
HAROLD A. SHAFTER, Clinical Assistant Professor
ROBERT E. SLAYTON, Clinical Assistant Professor
DONALD W. TARUN, Clinical Assistant Professor
ANDREW THOMSON, Assistant Professor
ANGELO TOIGO, Clinical Assistant Professor
SEYMOUR W. WEISBERG, Clinical Assistant Professor
EDWARD J. WISS, Clinical Assistant Professor
ALEXANDER WOLF, Clinical Assistant Professor
CHARLES K. WOLFE, JR., Clinical Assistant Professor
SIMON ZIVIN, Clinical Assistant Professor
HUGO O. DEUSS, Lecturer
WILLIAM S. HOFFMAN, Lecturer
HERMAN A. LEVY, Lecturer
OGLESBY PAUL, Lecturer
ALFRED H. ROSENBLUM, Lecturer
FREDERICK SARGENT, II, Lecturer
ELIZABETH K. STRAUS, Lecturer (Rush)
JOHN H. TALBOTT, Lecturer
LUKE J. GRIMELLI, Clinical Associate, *Emeritus*
EUGENE GROSZ, Clinical Associate, *Emeritus*
ROBERT N. HEDGES, Clinical Associate, *Emeritus*
J. LISLE WILLIAMS, Associate, *Emeritus*
FRANK C. CARTER, Clinical Associate
JOHN L. CIRZAN, Clinical Associate
G. WILLIAM COTTS, Clinical Associate
JOSEPH A. DAVIS, Clinical Associate
GEORGE A. DEJONG, Clinical Associate
RAMON H. GARCIA-CAMILO, Research Associate (one year from July 1, 1963)
CARL A. HEDBLUM, JR., Clinical Associate
ROBERT L. HERTING, Clinical Associate
WILLIAM H. HIGHSTONE, Clinical Associate
WALTER F. HOEPPNER, Clinical Associate
NATHAN J. IGLITZEN, Clinical Associate
LOUIS C. JOHNSTON, Clinical Associate
IRENE G. KAGANIEC, Clinical Associate
WILLIAM J. KIRBY, Clinical Associate (Rush)
EUGENE S. KRASNOW, Clinical Associate
AUDLEY R. MAMBY, Clinical Associate
WAYNE E. MATHY, Clinical Associate
SAMUEL MATLIN, Clinical Associate
PETER S. MAYER, Clinical Associate
PAUL A. MEREDITH, Clinical Associate
CLARK A. MONTGOMERY, Clinical Associate
BILL P. MADUROS, Clinical Associate

DONALD E. O'BRIEN, Clinical Associate
JOSHUA ODEN, JR., Clinical Associate
GLOUCESTER A. PRICE, JR., Clinical Associate
ANITA ROBBINS, Clinical Associate
RIGBY C. ROSKELLEY, Clinical Associate
RALPH A. SCALA, Clinical Associate
JEROME F. STRAUSS, JR., Clinical Associate
KASRIEL TAUSK, Clinical Associate
RAYMOND TEPLITZ, Clinical Associate
CHESTER B. THRIFT, Clinical Associate
CHARLES S. VIL, Clinical Associate
EARL A. VONDRASEK, Clinical Associate
JAMES R. ZVETINA, Clinical Associate
EARL T. ANDERSON, Instructor (one year from July 1, 1963)
ALAN R. ARONSON, Clinical Instructor
FRANK O. BECKER, Clinical Instructor (fourteen months from July 1, 1963)
SAMUEL BERGER, Clinical Instructor
BERNARD B. BLAAUW, JR., Instructor (one year from July 1, 1963)^a
WILLIAM V. BLAZEK, Instructor (on leave of absence for military service) (fourteen months from July 1, 1963)
JEB BOSWELL, Clinical Instructor (two months from July 1, 1963)
ALLEN F. BOWYER, Instructor (one year from July 1, 1963)
ROBERT W. BOXER, Clinical Instructor
JOSEPH T. BRANIT, Clinical Instructor
WILLIAM C. BROWN, Clinical Instructor
MILDA BUDRYS, Clinical Instructor
RAMON E. CASAS, Clinical Instructor
JAMES G. CLARK, Instructor (one year from July 1, 1963)²
WILLIAM CLAY, Clinical Instructor
THOMAS D. DALE, Clinical Instructor
ROBERT E. DEDMON, Instructor (one year from July 1, 1963) (also in Microbiology)
LOUIS E. DONDANVILLE, Clinical Instructor
NORRIS R. DOUGHERTY, Clinical Instructor
PETER G. ECONOMOU, Instructor
ADOLFO A. FERNANDEZ, Clinical Instructor
WILLIAM E. FISHMAN, Clinical Instructor
GEORGE C. FLANAGAN, Instructor
RICHARD P. FOTH, Clinical Instructor
RONALD E. FOX, Clinical Instructor
WILLIAM I. FREUD, Clinical Instructor
RAIMONDS G. GAILLITIS, Clinical Instructor
WILLIAM R. GARR, Clinical Instructor
WILLIAM M. HAMBY, Clinical Instructor
PAUL K. HANASHIRO, Instructor (one year from July 1, 1963)
DONALD H. HANSCOM, Clinical Instructor
ROBERT N. HEDGES, JR., Clinical Instructor
JOHN P. HENRY, Clinical Instructor
ALBERT W. HOLMES, JR., Instructor (one year from July 1, 1963) (also in Microbiology)
MOHAMMAD INAYATULLAH, Instructor (one year from July 1, 1963)
MEILUTE A. INDREIKA, Clinical Instructor
RODNEY A. JAMIESON, Clinical Instructor
HAROLD L. JENSEN, Clinical Instructor
JOHN C. JONES, Clinical Instructor
ROBERT S. KASSRIEL, Clinical Instructor
FRANK B. KELLY, JR., Clinical Instructor
WILLIAM J. KRISTY, Clinical Instructor
JERRY P. LEWIS, Instructor (one year from July 1, 1963)
JOSEPH LIBNOCH, Clinical Instructor
THOMAS B. LONGABAUGH, Clinical Instructor
JAMES C. LOWE, II, Instructor (one year from July 1, 1963)²
GORDAN D. LUCAS, Instructor (one year from July 1, 1963)

PATRICIA A. McCREARY, Clinical Instructor
JULIO MARSI, Clinical Instructor
VIDVUDS MEDENIS, Clinical Instructor
CHARLES W. METCALF, Clinical Instructor
EDWIN B. MILLER, Clinical Instructor
RICHARD H. NEAL, Clinical Instructor
GEORGE A. NELSON, JR., Instructor (one year from July 1, 1963)^a
JEROME E. NEUSTADT, Clinical Instructor
JULIUS S. NEWMAN, Clinical Instructor
LEONARD OHRINGER, Clinical Instructor
CHARLES P. PERLIA, Instructor
GEORGE T. PERRY, Clinical Instructor
WILLIAM H. PHELAN, Clinical Instructor
PETER PULOS, Clinical Instructor
ELIZABETH F. RUBEN, Instructor (one year from July 1, 1963)^a
MARVIN S. ROSENBERG, Instructor (fourteen months from July 1, 1963)
DEAN S. ROSSET, Clinical Instructor
JAMES A. ROWE, Clinical Instructor
BOHUMIL A. SAMAL, Instructor (one year from July 1, 1963)^a
BRUCE G. SAVILLE, Instructor (one year from July 1, 1963)^a
GEORGE S. SCHOLLY, Instructor (one year from July 1, 1963)
ROGER R. SCHUESSLER, Clinical Instructor
WILLIAM K. SCUPHAM, Clinical Instructor
VITOLDS R. SILINS, Instructor
JOSEPH V. SIMONE, Instructor (one year from July 1, 1963)^a
MARSHALL J. SNAPP, Clinical Instructor
WILLIAM R. STARR, Clinical Instructor
HARRY B. STONE, Clinical Instructor
MARIAN S. TARZYNSKI, Clinical Instructor
JOANNE H. TAUBMAN, Clinical Instructor
W. RANDOLPH TUCKER, Instructor (one year from July 1, 1963)
ALSTON C. TWISS, Clinical Instructor
RUSSELL J. VASTINE, JR., Clinical Instructor
PAUL L. WINTER, Clinical Instructor
RICHARD W. ZALAR, Clinical Instructor
DONALD W. AARONSON, Clinical Assistant
ARTHUR L. ABBOTT, Assistant (one year from July 1, 1963)^a
ARTHUR J. ANDERSON, Assistant (one year from July 1, 1963)^a
ALLAN B. CADY, Clinical Assistant
JOSEPH C. CHISHOLM, JR., Assistant (one year from July 1, 1963)^a
THOMAS J. COOGAN, JR., Assistant (one year from July 1, 1963)^a
JACK C. COOKSEY, Assistant (one year from July 1, 1963)^a
MARGARET DEANESLY, Assistant (one year from July 1, 1963)^a
JOSEPH S. GONNELLA, Assistant (one year from July 1, 1963)^a
NANCY J. GUBISCH, Assistant (one year from July 1, 1963)^a
BURT B. HAMRELL, Assistant (one year from July 1, 1963)^a
LEONARD J. HERTKO, Assistant (one year from July 1, 1963)^a
CHARLES J. HORKY, JR., Assistant (one year from July 1, 1963)^a
RODERIC S. HUBER, Clinical Assistant
THOMAS M. KILBRIDGE, Assistant (one year from July 1, 1963)^a
CHARLES W. KOIVUM, Assistant (one year from July 1, 1963)^a
LEONARD A. KOSOVA, Clinical Assistant
REYNOLD T. LARSEN, Assistant (one year from July 1, 1963)^a
ROBERT D. LEASURE, Assistant (one year from July 1, 1963)^a
JAMES LUMENG, Assistant (one year from July 1, 1963)^a
ALBERT F. NIBBE, Assistant (one year from July 1, 1963)^a
DIEGO NORENA, Research Assistant (one year from July 1, 1963)
LOIS F. O'GRADY, Assistant (one year from July 1, 1963)^a
ROSS G. OLSON, Assistant (eight and one-half months from October 12, 1963)^a
LUCIA T. F. PAP, Clinical Assistant
DONALD E. RAGER, Assistant (one year from July 1, 1963)^a
NORMAN W. REAM, Assistant (one year from July 1, 1963)^a
JOHN W. RILEY, III, Assistant (one year from July 1, 1963)^a

ARTHUR E. SAVITT, Clinical Assistant
 JOHN A. SBARBARO, Assistant (one year from July 1, 1963)²
 COLEMAN R. SESKIND, Assistant (one year from July 1, 1963)²
 STANLEY S. SHIMODA, Assistant (one year from July 1, 1963)²
 ALAN J. SORSCHER, Clinical Assistant
 LYNNE L. STETTbacher, Research Assistant (one year from July 1, 1963)
 ARMANDO SUSMANO, Research Assistant (one year from July 1, 1963)
 LUIS R. TORRIENTE, Clinical Assistant
 PARK W. WAGERS, Assistant (one year from July 1, 1963)²
 JORDAN D. WAXMAN, Assistant (one year from July 1, 1963)²
 ISAAC WEISZER, Assistant (eight months from November 5, 1963)²
 HOWARD G. WILCOX, Assistant (one year from July 1, 1963)²
 RAYMOND L. YOCKEY, Clinical Assistant
 EDMUND M. ZIOLKOWSKI, Clinical Assistant

Microbiology

FRIEDRICH W. DEINHARDT, Associate Professor
 RALPH H. HUBBLE, Lecturer
 ROBERT E. DEDMON, Instructor (one year from July 1, 1963) (also in Medicine)
 ALBERT W. HOLMES, JR., Instructor (one year from July 1, 1963) (also in Medicine)
 WILLIAM LANDAU, Instructor
 ELTA W. KNOLL, Assistant, *Emerita*

Neurology and Neurological Surgery

LOREN W. AVERY, Clinical Professor (Rush), *Emeritus*
 HAROLD C. VORIS, Clinical Professor (DY)
 ARTHUR ARNOLD, Clinical Assistant Professor
 JACK DRORI, Clinical Assistant Professor
 VIRGINIA R. SORUM, Clinical Associate
 NATHAN ZOLT, Clinical Associate
 RICHARD O. BURNS, JR., Clinical Instructor
 ELI TOBIAS, Clinical Instructor
 BELISARIO ARIAS, Assistant²
 ROBERT BEATTY, Assistant (one year from July 1, 1963)²
 THOMAS E. BRACKETT, Assistant (one year from July 1, 1963)²
 CHARLES A. HOPKINS, Assistant²
 JOHN L. HUBBARD, Assistant²
 JOHN A. JANE, Assistant²
 RONALD A. PAWL, Assistant (one year from July 1, 1963)²
 WALTER WHISLER, Assistant²
 DAVID YASHON, Assistant²

Obstetrics and Gynecology

EDWARD D. ALLEN, Clinical Professor (Rush), *Emeritus*
 EUGENE A. EDWARDS, Clinical Professor, *Emeritus*
 HARRY BOYSEN, Clinical Professor (Rush)
 ARTHUR H. KLAUANS, Clinical Professor (Rush)
 ABRAHAM F. LASH, Clinical Professor
 RICHARD H. ANDRESEN, Clinical Associate Professor
 JAMES P. FITZGIBBONS, Clinical Associate Professor
 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
 DEANE M. FARLEY, Clinical Associate Professor (DY)
 JOHN P. HARROD, JR., Clinical Associate Professor (DY)
 ARMAND J. MAUZEY, Clinical Associate Professor (DY)
 ALFONS R. BACON, Clinical Assistant Professor, *Emeritus*
 HARRY SERED, Clinical Assistant Professor, *Emeritus*
 HUGO C. BAUM, Clinical Assistant Professor (Rush)
 ROBERT A. BEEBE, Clinical Assistant Professor

SOL J. BENENSOHN, Clinical Assistant Professor
MICHAEL H. BOLEY, Clinical Assistant Professor
CLAIR M. CAREY, Clinical Assistant Professor
ALLAN G. CHARLES, Clinical Assistant Professor
PETER J. COURI, Clinical Assistant Professor
SOL T. DELEE, Clinical Assistant Professor
VINCENT S. DIGIULIO, Clinical Assistant Professor
CECIL DRAA, Clinical Assistant Professor (Rush)
GEORGE C. FINOLA, Clinical Assistant Professor
WILLIAM F. GEITTMANN, Clinical Assistant Professor
RALPH L. GIBSON, Clinical Assistant Professor
ROBERT J. GLENNER, Clinical Assistant Professor
CHARLES J. HEIBERGER, Clinical Assistant Professor
BERNARD M. KAYE, Clinical Assistant Professor
CHARLES D. KRAUSE, Clinical Assistant Professor
VINCENT A. LAVIERI, Clinical Assistant Professor
ROCCO V. LOBRAICO, Clinical Assistant Professor
JOHN S. LONG, Clinical Assistant Professor
WILBUR J. MARSHALL, Clinical Assistant Professor
WILLIAM S. MILLER, Clinical Assistant Professor
JOHN W. PAYNE, Clinical Assistant Professor
GEORGE PEPPER, Clinical Assistant Professor
LOWELL F. PETERSON, Clinical Assistant Professor
MICHAEL P. PILL, Clinical Assistant Professor
FREDERICK J. ROOS, Clinical Assistant Professor
MEYER D. RUTGARD, Clinical Assistant Professor
SEYMOUR SHOLDER, Clinical Assistant Professor
PETER SIEGEL, Clinical Assistant Professor
C. OTIS SMITH, Clinical Assistant Professor
MANUEL SPIEGEL, Clinical Assistant Professor
ROBERT C. STEPTO, Clinical Assistant Professor
JOSEPH B. TETON, Clinical Assistant Professor
VASIL TRUCHLY, Clinical Assistant Professor
FRANK J. WALSH, Clinical Assistant Professor
BRUCE P. ZUMMO, Clinical Assistant Professor
DENES ORBAN, Clinical Associate
LIONEL J. SCHEWITZ, Clinical Associate
JOSEPH S. ANGELL, Clinical Instructor
JOHN F. BARTELS, Clinical Instructor
DONALD M. FAHRENBACH, Clinical Instructor
EDWIN L. FALLOON, Clinical Instructor
EARL S. FULLER, Instructor (one year from July 1, 1963)*
WILLIAM M. GARDNER, Instructor (one year from July 1, 1963)*
THOMAS HEJNA, Instructor (one year from July 1, 1963)
JOHN R. KOSTELNY, Clinical Instructor
LAWRENCE LEVINE, Clinical Instructor
JOSEPH J. MULLEN, Clinical Instructor
EDWIN E. NYMAN, Clinical Instructor
GABRIEL A. RODRIGUEZ, Clinical Instructor (fourteen months from July 1, 1963)
MARVIN A. ROSNER, Clinical Instructor
EUGENE D. ROTHENBERG, Instructor (one year from July 1, 1963)*
JACK A. SAMPSON, Clinical Instructor
IRVING SHIPKOWITZ, Instructor (one year from July 1, 1963)*
ROBERT G. STONE, Clinical Instructor
LAWRENCE J. SYKORA, Clinical Instructor
EDGAR B. SYLVESTER, Clinical Instructor
NATHAN TOLWINSKY, Clinical Instructor
NANCY C. TREADWELL, Clinical Instructor
GEORGE P. VLASIS, Clinical Instructor
LAVERNE M. WALLHEISER, Clinical Instructor
ALVIN F. WIERSMA, Clinical Instructor
JOHN A. AIMONE, Clinical Assistant
DERALD E. BRACKMANN, Assistant (one year from July 1, 1963)*

JOSEPH H. CLEVINGER, JR., Assistant (one year from July 1, 1963)²
 DELOS R. COZAD, Clinical Assistant
 WILLIAM H. DONOVAN, JR., Clinical Assistant
 FREDERICK M. GAWECKI, Assistant (one year from July 1, 1963)²
 TERRENCE C. HANSEN, Assistant (one year from July 1, 1963)²
 MARIO A. IRIGOYEN, Clinical Assistant
 ELMER J. JUSTEMA, Clinical Assistant
 SIDNEY C. KAHN, Clinical Assistant
 ANTHONY N. KENWICK, Clinical Assistant
 JOHN H. MATTOX, Assistant (one year from July 1, 1963)²
 ROBERT H. OBERHELMAN, Clinical Assistant
 ADRIAN R. OLECK, Clinical Assistant
 ROBERT P. OLSON, Assistant (one year from July 1, 1963)²
 RICHARD G. PATTERSON, Assistant (one year from July 1, 1963)²
 BERNARD E. RUDER, Assistant (one year from July 1, 1963)²
 PETER D. SCALZITTI, Assistant (one year from July 1, 1963)²
 KENNETH M. SUSSMAN, Assistant (one year from July 1, 1963)²
 TOSHIRO TATEIWA, Assistant (one year from July 1, 1963)²

Ophthalmology

WILLIAM F. MONCREIFF, Clinical Professor (Rush), *Emeritus*
 WILLIAM F. HUGHES, Clinical Professor
 CARL APPLE, Clinical Associate Professor, *Emeritus*
 EARLE B. FOWLER, Clinical Associate Professor (Rush), *Emeritus*
 GEORGIANA D. THEOBALD, Clinical Associate Professor and Clinical Pathologist,
Emerita
 JOSEPH S. HAAS, Clinical Associate Professor
 DANIEL SNYDACKER, Clinical Associate Professor
 THEODORE N. ZEKMAN, Clinical Associate Professor
 ROBERT R. HERBST, Clinical Assistant Professor
 GILBERT ISER, Clinical Assistant Professor
 BURTON M. KRIMMER, Clinical Assistant Professor
 DAVID B. MAHER, Clinical Assistant Professor
 H. ISABELLE MCGARRY, Clinical Assistant Professor
 VALDO P. OLEARI, Clinical Assistant Professor
 EDWARD A. PUSHKIN, Clinical Assistant Professor
 BURTON A. RUSSMAN, Clinical Assistant Professor
 SAMUEL M. SCHALL, Clinical Assistant Professor
 KARL J. SCHERIBEL, Clinical Assistant Professor (Rush)
 MANUEL L. STILLERMAN, Clinical Assistant Professor
 JOSEPH TATAR, Clinical Assistant Professor
 KARL E. TICHO, Clinical Assistant Professor
 MARTIN J. URIST, Clinical Assistant Professor
 HOWARD L. WILDER, Assistant Professor
 VERNON M. LEECH, Clinical Associate (Rush), *Emeritus*
 DAVID V. L. BROWN, Clinical Associate
 MICHAEL E. CARROLL, Clinical Associate
 VIVIAN A. CATION, Clinical Associate
 WILLIAM E. DEUTSCH, Clinical Associate
 LEONA R. FORDON, Clinical Associate
 ALDONA A. JUSKA, Clinical Associate
 ARTHUR LIGHT, Clinical Associate
 JUDITH V. PERRY, Clinical Associate
 BARBARA SPIRO, Clinical Associate
 ALBERT E. TENNENBAUM, Clinical Associate
 JACK TRESLEY, Clinical Associate
 SHERWIN A. FOX, Clinical Instructor
 ERNST J. HOLLAND, Clinical Instructor
 NORBERT J. NOWICKI, Clinical Instructor
 DAVID C. WHITSELL, Clinical Instructor
 PAUL S. YOCUM, Clinical Instructor
 MOH'D A. ASGAR, Assistant (one year from July 1, 1963)²
 MICHAEL BELSON, Assistant (one year from July 1, 1963)²

ARNOLD D. CURNYN, Assistant (one year from July 1, 1963)⁵
 RICHARD EY, Assistant (one year from July 1, 1963)²
 CARL GARFINKLE, Assistant (one year from July 1, 1963)⁵
 EMIL F. GRABOW, Assistant (one year from July 1, 1963)⁵
 DONALD R. JORGENSEN, Assistant (one year from July 1, 1963)⁵
 THEODORE LAWWILL, Assistant (one year from July 1, 1963)⁵
 DAVID S. MCDANIEL, Assistant (six months from July 1, 1963)⁵
 FRANK I. MENDELBLATT, Assistant (one year from July 1, 1963)⁵
 HANS J. RENPENNING, Assistant (one year from July 1, 1963)²
 ALLEN K. RICE, Assistant (one year from July 1, 1963)⁵
 LEO J. ROBERTS, Assistant (one year from July 1, 1963)⁵
 PHILLIP I. ROSSMANN, Assistant (one year from July 1, 1963)²
 BERNARD SLATT, Assistant (one year from July 1, 1963)⁵
 ALBERT VAISER, Assistant (one year from July 1, 1963)⁵

Orthopaedic Surgery

FRANK G. MURPHY, Clinical Associate Professor, *Emeritus*
 CARLO S. SCUDERI, Clinical Associate Professor in Orthopaedics
 FRED SHAPIRO, Clinical Associate Professor (Rush)
 HORACE E. TURNER, Clinical Assistant Professor, *Emeritus*
 WILLIAM A. MARSHALL, Clinical Assistant Professor
 ROBERT P. MEANY, Clinical Assistant Professor
 LEO F. MILLER, Clinical Assistant Professor
 RAYMOND J. PELLICORE, Clinical Assistant Professor
 DONALD ROSS, Clinical Assistant Professor
 TAWFIK Y. SABET, Research Associate
 KARL H. MUELLER, Research Associate
 JAMES P. AHSTROM, Clinical Instructor
 RAMEZ AOUD, Instructor (one year from July 1, 1963)²
 RONALD L. DEWALD, Instructor (on leave of absence for military service)²
 JORGE O. GALANTE, Instructor (one year from July 1, 1963)²
 CHARLES E. GAVIN, Clinical Instructor
 ROBERT C. HAMILTON, Clinical Instructor
 WILLIAM A. HARK, Clinical Instructor
 WILLIAM F. HEJNA, Clinical Instructor
 ROBERT V. JOHNSON, Instructor (one year from July 1, 1963)²
 WILLIAM H. NEWMAN, Clinical Instructor
 CLIFFORD O. NYMAN, Clinical Instructor
 WALTER R. PETERSEN, Clinical Instructor
 JAMES P. ZETTAS, Clinical Instructor
 VIRGINIA M. BADGER, Assistant²
 RIAD BARMADA, Assistant²
 DON A. FISCHER, Assistant (one year from July 1, 1963)²
 THOMAS W. MCNEILL, Assistant (one year from July 1, 1963)²
 ROBERT J. ROTHMAN, Assistant²
 JULES SHAPIRO, Assistant²

Otolaryngology

DANIEL B. HAYDEN, Clinical Professor (Rush), *Emeritus*
 ABRAHAM R. HOLLENDER, Professor, *Emeritus*
 WALTER H. THEOBALD, Clinical Professor, *Emeritus*
 OLIVER E. VANALYEA, Clinical Professor, *Emeritus*
 ALBERT H. ANDREWS, JR., Clinical Professor of Bronchoesophagology
 OSCAR J. BECKER, Clinical Professor
 STANTON A. FRIEDBERG, Clinical Professor
 G. KENNETH LEWIS, Clinical Professor
 GEORGE S. LIVINGSTON, Clinical Associate Professor, *Emeritus*
 SAMUEL M. MORWITZ, Clinical Associate Professor, *Emeritus*
 RICHARD W. WATKINS, Clinical Associate Professor, *Emeritus*
 WALTER W. DALITSCH, Clinical Associate Professor
 ROBERT B. LEWY, Clinical Associate Professor
 MAURICE F. SNITMAN, Clinical Associate Professor
 LINDEN J. WALLNER, Clinical Associate Professor (Rush)
 LOUIS SAVITT, Clinical Assistant Professor, *Emeritus*

HELMUT BLUMENTHAL, Clinical Assistant Professor
 EDWARD L. CHAINSKI, Clinical Assistant Professor
 ARTHUR J. COOMBS, Clinical Assistant Professor
 ELMER A. FRIEDMAN, Clinical Assistant Professor
 LOIS D. GREENE, Clinical Assistant Professor
 RICHARD E. MARCUS, Clinical Assistant Professor
 ARTHUR L. RATKO, Clinical Assistant Professor
 LEO A. SATZ, Clinical Assistant Professor
 JOHN A. WEIDEMANN, Clinical Assistant Professor
 WILLIAM A. SMILEY, Clinical Associate, *Emeritus*
 I. ERLIN BARTLETT, Clinical Associate
 BRUNO BLUMKLOTZ, Clinical Associate
 DAVID O. DALE, Clinical Associate
 JOSEPH GYORKEY, Clinical Associate
 ANDREAS G. KODROS, Clinical Associate
 ROLAND A. KOWAL, Clinical Associate
 MILTON E. KURTH, Clinical Associate
 COLETTE JEANTET, Clinical Associate
 MARIO D. MANSUETO, Clinical Associate
 JOSEPH F. ORRICO, Clinical Associate
 KARL H. SIEDENTOP, Clinical Associate
 PIERCE W. THEOBALD, Clinical Associate
 ALAN R. KAHN, Research Associate
 ROBERT H. BORKENHAGEN, Clinical Instructor
 RALPH A. CASCIARO, Clinical Instructor
 JOSE LUIS FERRER, Clinical Instructor
 DINO G. MAURIZI, Clinical Instructor
 PHILLIP I. MOZER, Clinical Instructor
 EDWARD A. RAZIM, Clinical Instructor
 THADDEUS S. PIERCE, Clinical Instructor
 LOUIS F. SCARAMELLA, Clinical Instructor
 JOYCE A. SCHILD, Clinical Instructor
 KURT SPRINGER, Clinical Instructor
 ALDO C. SIRUGO, Clinical Instructor
 LOUIS T. TENTA, Clinical Instructor
 BLAINE L. BLOCK, Assistant (one year from July 1, 1963)^a
 RONALD J. BLUMENFELD, Assistant (one year from July 1, 1963)^a
 ARTHUR I. BRODER, Assistant (one year from July 1, 1963)^a
 ROBIN C. BROWN, Assistant (one year from July 1, 1963)^a
 JOHN N. COMITO, Assistant^a
 ROGER A. EGGERT, Assistant (fourteen months from July 1, 1963)
 ROBERT S. FAGELSON, Assistant (one year from July 1, 1963)^a
 DAVID L. FAGELSON, Clinical Assistant
 JERRY E. FRIEDMAN, Assistant (one year from July 1, 1963)^a
 THOMAS E. GRIFFITH, Assistant (fourteen months from July 1, 1963)
 GERALD E. GUEMMER, Clinical Assistant
 KEITH M. HOLMES, Assistant (one year from July 1, 1963)^a
 DONALD L. JEROME, Assistant (one year from July 1, 1963)^a
 HAROLD I. LAKER, Assistant (one year from July 1, 1963)^a
 FRANKLIN S. MASSARI, Assistant (one year from July 1, 1963)^a
 FLORIAN R. NYKIEL, Assistant (one year from July 1, 1963)^a
 JOHN P. MCPHERSON, Assistant (one year from July 1, 1963)^a
 S. BRUCE MER, Assistant (one year from July 1, 1963)^a
 WILLIAM M. SERMONTE, Assistant (one year from July 1, 1963)^a
 JOSE SMOLER, Assistant (one year from July 1, 1963)^a
 ROBERT J. TOO HILL, Assistant (one year from July 1, 1963)^a
 JOHN D. VANNUYS, Clinical Assistant
 JOSEPH P. VELEK, JR., Assistant (one year from July 1, 1963)^a

Pathology

GEORGE M. HASS, Professor
 LESTER S. KING, Clinical Professor
 CHARLES E. CAHN-BRONNER, Professorial Lecturer, *Emeritus*

JERRY J. KEARNS, Clinical Associate Professor, *Emeritus*
 FREDERIC C. BAUER, JR., Clinical Associate Professor
 HAROLD A. GRIMM, Clinical Associate Professor
 COYE C. MASON, Clinical Associate Professor
 MARTIN A. SWERDLOW, Clinical Associate Professor
 JAMES R. THOMPSON, Clinical Associate Professor
 JOHN P. AYER, Associate Professor (DY)
 GRANT C. JOHNSON, Clinical Associate Professor (DY)
 JACOB N. SHANBERGE, Clinical Associate Professor (DY)
 ROBERT W. ALEXANDER, Assistant Professor
 RAYMOND A. CLASEN, Assistant Professor
 REUBEN EISENSTEIN, Assistant Professor
 DOROTHY E. ESHBAUGH, Clinical Assistant Professor
 VICTOR R. JABLOKOW, Clinical Assistant Professor
 ALBERT W. SCHWEITZER, Clinical Assistant Professor
 FRIEDERICH A. O. ECKNER, Lecturer
 FREDERIC O. FLOBERG, Lecturer
 FRANZ E. HIRSCH, Lecturer
 MAURICE LEV, Lecturer
 JAMES E. HABEGGER, Clinical Associate
 JOHN E. MALONEY, Clinical Associate
 HECTOR A. BATTIFORA, Instructor²
 EUGENE J. GOLDMAN, Instructor (one year from August 1, 1963)^{*}
 GUSTAVE GYORI, Clinical Instructor
 FRANCISCO S. HERNANDEZ, Instructor (one year from July 1, 1963)^{*}
 JOSEPH J. HOSEK, Clinical Instructor
 MARILYN J. O'BRIEN, Clinical Instructor
 BERNARD PEISON, Clinical Instructor
 JAMES C. PRITCHARD, Clinical Instructor
 SEYMOUR ROSEN, Instructor (one year from July 1, 1963)^{*}
 MOHSEN SHAKERIN, Instructor (one year from July 1, 1963)²
 JAMES A. SURVIS, Clinical Instructor
 CHAROEN SUWANWILAI, Instructor (one year from July 1, 1963)^{*}
 MOSTAFA J. TABATABAI, Instructor (one year from July 1, 1963)²
 JAMES T. BOLAN, Assistant (one year from July 1, 1963)¹
 PHILIP S. COOGAN, Assistant (one year from July 1, 1963)²
 JOHN R. DAINAUSKAS, Assistant (one year from July 1, 1963)²
 WILLIAM T. GOGAN, Assistant (one year from July 1, 1963)^{*}
 ALLEN I. LIPSEY, Assistant (one year from July 1, 1963)^{*}
 JOSE R. MANALIGOD, Assistant (one year from July 1, 1963)^{*}
 ROGER D. SMITH, Assistant (one year from July 1, 1963)²
 MALCOLM V. VYE, Assistant (one year from July 1, 1963)²

Pediatrics

ALFRED D. BIGGS, Clinical Professor, *Emeritus*
 CRAIG D. BUTLER, Clinical Professor (Rush), *Emeritus*
 HUGH McCULLOCH, Lecturer with rank of Professor, *Emeritus*
 JOSEPH GREENGARD, Clinical Professor
 C. JACK HARRISON, Clinical Professor (Rush)
 SAMUEL J. HOFFMAN, Clinical Professor
 JOSEPH R. CHRISTIAN, Professor
 HERBERT J. GROSSMAN, Professor
 NOEL G. SHAW, Clinical Professor (Rush)
 CHARLES K. STULIK, Clinical Associate Professor (Rush), *Emeritus*
 LAWRENCE BRESLOW, Clinical Associate Professor
 WARREN R. DAMMERS, 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
 NORMAN T. WELFORD, Clinical Associate Professor (Rush)
 DOROTHY H. WELKER, Clinical Associate Professor

HARRY D. MOSIER, Associate Professor (DY)
WOODRUFF L. CRAWFORD, Clinical Assistant Professor, *Emeritus*
MAGNUS H. AGUSTSSON, Clinical Assistant Professor
RENE A. ARCILLA, Clinical Assistant Professor
SAMUEL H. BARRON, Clinical Assistant Professor
HANS G. BUCHELERES, Clinical Assistant Professor
MARIANNE P. BUDZEIKA, Clinical Assistant Professor
ANDRE CHABOT, Clinical Assistant Professor
E. H. CHRISTOPHERSON, Clinical Assistant Professor
VERNON R. DEYOUNG, Clinical Assistant Professor
JOHN B. HALL, Clinical Assistant Professor
JOHN S. HYDE, Clinical Assistant Professor
MILDRED R. JACKSON, Clinical Assistant Professor
HARVEY KRAVITZ, Clinical Assistant Professor
MELVIN A. KRUGLY, Clinical Assistant Professor
HERMAN B. LANDER, Clinical Assistant Professor
BESSIE L. LENDRUM, Clinical Assistant Professor
MICHAEL A. LIMOSANI, Clinical Assistant Professor
RONALD B. MACK, Clinical Assistant Professor
HARRY T. NAGEL, Clinical Assistant Professor
BRUCE B. NEWMAN, Clinical Assistant Professor
HOMER S. PARKER, Clinical Assistant Professor
MILDRED J. POLNIASZEK, Clinical Assistant Professor
KLARA JUDITH PREC, Clinical Assistant Professor
MARTIN SACKS, Clinical Assistant Professor
IRENE SHMIGELSKY, Clinical Assistant Professor
CHARLES E. STEPAN, Clinical Assistant Professor
CHARLES L. SWARTS, Clinical Assistant Professor
SAMUEL THOMAS, Clinical Assistant Professor
A. A. WOLF, Clinical Assistant Professor
BOHDAN S. CELEWYCZ, Clinical Instructor
JULIA YU CHAO, Clinical Instructor
DANIEL G. CUNNINGHAM, Clinical Instructor
MEL W. FEINBERG, Clinical Instructor
JANICE R. HERZ, Clinical Instructor
EDWARD K. ISAACSON, Clinical Instructor
CLAY H. JONES, JR., Clinical Instructor
DOLORES E. KNOBLOCK, Clinical Instructor
ELIZABETH KELLER, Clinical Instructor
VICTOR M. LoPRIORE, Clinical Instructor
SILVIO D. MORALES, Clinical Instructor
KENNETH S. NOLAN, Clinical Instructor
JOHN WILLIAM O'SHEA, Clinical Instructor
STEPHEN PAWLYNSKYJ, Clinical Instructor
ISIDRO PEREZ, Clinical Instructor
PHILIP L. WACHTEL, Clinical Instructor
ARNOLD A. SHKOLNIK, Clinical Instructor
OSCAR L. CISNEROS, Assistant (one year from July 1, 1963)²
JOSEPH M. CULLEN, Assistant (one year from July 1, 1963)²
RONALD G. ERIKSEN, Assistant (one year from July 1, 1963)²
JANET F. FORSTNER, Assistant (one year from July 1, 1963)²
WILLIAM T. HARTNETT, Assistant (one year from July 1, 1963)²
MARION E. JOHNSON, Assistant (one year from July 1, 1963)²
BAHMAN JOORABCHI, Assistant (one year from July 1, 1963)²
FRIEDA JUCHHEIM, Assistant (one year from July 1, 1963)²
RAYMOND J. KILEY, Assistant (one year from July 1, 1963)²
CHARLES A. LIMP, Assistant (one year from July 1, 1963)²
EDDIE S. MOORE, Assistant (one year from July 1, 1963)²
ERNESTO P. NAMIN, Clinical Assistant
ADOLFO A. PEREZ, Assistant (one year from July 1, 1963)²
MARY V. RAMEY, Assistant (one year from July 1, 1963)²
ROBERT G. ROSENBERG, Assistant (one year from July 1, 1963)²
CHANDRAKANT P. SHAH, Assistant (one year from July 1, 1963)²

ROSEANNE VITULLO, Assistant (one year from July 1, 1963)²
SOMCHAO YINGVORAPANT, Assistant (one year from July 1, 1963)²
PAUL J. ZIEGLER, Assistant (one year from July 1, 1963)²

Pharmacology

CHESTER J. CAVALLITO, Lecturer
VICTOR A. DRILL, Lecturer
HARRIS ISBELL, Lecturer

Physical Medicine and Rehabilitation

H. WORLEY KENDELL, Clinical Professor
REUBEN R. WASSERMAN, Clinical Associate Professor
KATE H. KOHN, Clinical Assistant Professor
ROMAN S. ORYSHKEVICH, Clinical Instructor

Physiology

CHESTER W. DARROW, Associate Professor, *Emeritus*
HAROLD E. HIMWICH, Lecturer

Preventive Medicine

THOMAS G. HULL, Lecturer with rank of Associate Professor, *Emeritus*
JERMYN F. MCCAHAN, Clinical Associate Professor
HAROLD W. SPIES, Clinical Associate Professor
SAMUEL ANDELMAN, Clinical Associate Professor (DY)
JOYCE C. LASHOF, Assistant Professor
HAROLD H. STEINBERG, Clinical Assistant Professor
AGNES D. L. GOSS, Clinical Instructor
PAUL W. TILLMAN, Clinical Associate
ERNEST B. WILLIAMS, Clinical Associate
QUENTIN D. YOUNG, Clinical Associate
WILLIAM I. METZGER, Research Associate

Psychiatry

ROY R. GRINKER, Clinical Professor
PAUL E. NIELSON, Professor
VLADIMIR G. URSE, Clinical Professor
JACK WEINBERG, Clinical Professor
WALTER HIRSCH, Clinical Professor (DY)
HARRY R. HOFFMAN, Clinical Associate Professor (Rush), *Emeritus*
WILLIAM H. HAINES, Clinical Associate Professor
DONALD A. R. MORRISON, Clinical Associate Professor
ALAN K. ROSENWALD, Clinical Associate Professor of Psychology
STEPHEN L. SHERWOOD, Clinical Associate Professor of Neurophysiology
ALFRED P. SOLOMON, Clinical Associate Professor
ANNE BENJAMIN, Clinical Associate Professor (DY)
NOEL S. JENKIN, Clinical Associate Professor of Psychology (DY)
MAURICE KAPLAN, Clinical Associate Professor (DY)
ROBERT G. McMILLAN, Clinical Associate Professor (DY)
RAYMOND E. ROBERTSON, Clinical Associate Professor (DY)
MORRIS M. ROSENTHAL, Clinical Associate Professor (DY)
LESTER RUDY, Clinical Associate Professor (DY)
W. DAVID STEED, Clinical Associate Professor (DY)
JACOB PASKIND, Clinical Assistant Professor, *Emeritus*
CHARLOTTE H. ALTMAN, Clinical Assistant Professor of Psychology
SOL ALTSCHUL, Clinical Assistant Professor
CLARESA M. ARMSTRONG, Clinical Assistant Professor
BERNARD M. ARONOV, Assistant Professor of Psychology
HOWARD G. ARONSON, Clinical Assistant Professor
E. ELIOT BENEZRA, Clinical Assistant Professor
HASKELL E. BERNSTEIN, Clinical Assistant Professor
LEON BERNSTEIN, Clinical Assistant Professor
RICHARD BOLIN, Clinical Assistant Professor
DAVID D. BROCKMAN, Clinical Assistant Professor

JAMES A. BUETTNER, Clinical Assistant Professor
DAVID I. CHEIFETZ, Assistant Professor of Psychology
PAULINE M. COOKE, Clinical Assistant Professor
THOMAS N. DAVIS III, Clinical Assistant Professor
ALBERTO DE LA TORRE, Clinical Assistant Professor
PIETER DE VRIJER, Clinical Assistant Professor
PAUL DOLINKO, Clinical Assistant Professor of Psychology
ROBERT C. DRYE, Clinical Assistant Professor
SYDNEY B. EISEN, Clinical Assistant Professor
ARTHUR S. ELSTEIN, Assistant Professor of Psychology
FRANK F. EVANS, Clinical Assistant Professor
DAVID C. GARRON, Assistant Professor of Psychology
HAROLD A. GREENBERG, Clinical Assistant Professor
BERNARD L. GREENE, Clinical Assistant Professor
DAVID P. GROSS, Clinical Assistant Professor
MORTIMER D. GROSS, 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
ELSIE L. HAUG, Clinical Assistant Professor
PATRICK ISRAEL, Clinical Assistant Professor
LOUIS JENSEN, Clinical Assistant Professor
DAVID M. JORDAN, Assistant Professor
GEORGE H. KLUMPFER, Clinical Assistant Professor
RICHARD C. KOENIG, Clinical Assistant Professor
ROBERT H. KOFF, Clinical Assistant Professor
GUSTAVO LAGE, Clinical Assistant Professor
ELISE B. LESSING, Clinical Assistant Professor of Psychology
DAVID LEVITIN, Clinical Assistant Professor
BERNARD I. LIFSON, Clinical Assistant Professor
JOAN LONGINI, Clinical Assistant Professor
NORMA MASON, Clinical Assistant Professor
WARREN G. McPHERSON, Clinical Assistant Professor
VICTOR MINTEK, Clinical Assistant Professor
EVAN G. MOORE, Clinical Assistant Professor
WILLIAM H. MURRAY, Clinical Assistant Professor
CHARLES MYRAN, Clinical Assistant Professor
JOSEPH G. NEMECEK, Clinical Assistant Professor
MELVIN D. NUDELMAN, Clinical Assistant Professor
DONALD OKEN, Clinical Assistant Professor
FRANCES C. PERCE, Clinical Assistant Professor
GEORGE L. PERKINS, Clinical Assistant Professor
ROBERT H. POLLACK, Clinical Assistant Professor of Psychology
KLARA G. RANKY, Clinical Assistant Professor
ALAN M. ROBERTSON, Clinical Assistant Professor
HENRY L. RUEHR, Clinical Assistant Professor
ARTHUR SABLE, Clinical Assistant Professor
SHELDON K. SCHIFF, Assistant Professor (fourteen months from July 1, 1963)
MARVIN SCHWARZ, Clinical Assistant Professor
HARRY M. SEGENREICH, Clinical Assistant Professor
CHARLES H. SHAILOVA, Clinical Assistant Professor
JEANNE SPURLOCK, Clinical Assistant Professor
ALVIN SUSLICK, Clinical Assistant Professor
THOMAS T. TOURLENTES, Clinical Assistant Professor
SAMUEL A. VICTOR, Clinical Assistant Professor
WILLIAM WEISDORF, Clinical Assistant Professor
DONOVAN G. WRIGHT, Clinical Assistant Professor
MARVIN ZIFORYN, Clinical Assistant Professor
ALFONSO SHIMBEL, Lecturer
HEDWIG C. BAKONY, Clinical Instructor

MARJORIE C. BARNETT, Clinical Instructor
 ERIC G. BRUNNGRABER, Clinical Instructor in Biochemistry
 DAVID W. BUCK, Clinical Instructor
 CLARA M. BUTTERWORTH, Clinical Instructor in Psychology
 JOSÉ M. CASTILLO, Instructor
 MARVIN FREEDMAN, Instructor^a
 ALVAN R. GENDEIN, Instructor^a
 JAY G. HIRSCH, Clinical Instructor
 JEROME I. KATZ, Clinical Instructor
 LEO V. KEMPTON, Clinical Instructor
 ARTHUR KLING, Clinical Instructor
 CHARLES H. KRAMER, Clinical Instructor
 DAVID A. MARCUS, Clinical Instructor
 ANA MARQUINEZ, Clinical Instructor
 RAYMOND N. MILLER, Instructor^a
 MAX MONIN, Instructor^a
 ELLIOTT C. MURRAY, Instructor^a
 ARTHUR H. NORTON, Clinical Instructor
 ROBERT E. NYQUIST, Clinical Instructor
 DANIEL OFFER, Clinical Instructor
 ZANE D. PARZEN, Clinical Instructor
 SARAH R. PESKIND, Clinical Instructor in Psychology
 LEONARD RACK, Clinical Instructor
 BARBARA S. ROCAH, Clinical Instructor
 DONALD A. ROSS, Clinical Instructor in Psychology
 RICHARD K. SASKILL, Clinical Instructor
 DONALD D. SCHWARTZ, Clinical Instructor
 ARLENE J. SMITH, Clinical Instructor
 DAVID W. SWANSON, Clinical Instructor
 MORTON S. TABIN, Clinical Instructor
 JOHN D. VAN PELT, Instructor in Psychology
 DAGA M. WIED, Clinical Instructor
 KARL L. WILLRICH, Instructor
 ROBERT I. YUFIT, Clinical Instructor in Psychology
 ORESTE ZALIS, Clinical Instructor
 ALEXANDER ZEIDEL, Instructor^a
 EDWARD J. BARANOWSKI, Assistant^a
 ALLEN S. BERNSTEN, Assistant^a
 WILLIAM R. DeVRIES, Research Assistant
 WILLIAM F. HENEBRY, Assistant^a
 ROBERT J. INNES, Assistant^a
 ELSA B. TELSER, Research Assistant
 LAWRENCE VAN EGEREN, Assistant^a

Public Health

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

Radiology

JOHN W. CLARK, Professor
 FAY H. SQUIRE, Professor (Rush)
 DAVID S. BEILIN, Clinical Associate Professor, *Emeritus*
 RICHARD E. BUENGER, Associate Professor
 SAMUEL A. LEADER, Clinical Associate Professor
 ISRAEL E. KIRSH, Associate Professor (DY)
 FRANKLIN S. ALCORN, Assistant Professor
 MAURICE L. BOGDONOFF, Assistant Professor
 BENJAMIN D. BRAUN, Clinical Assistant Professor
 FRANK R. HENDRICKSON, Assistant Professor

JULIUS HEYDEMANN, Clinical Assistant Professor
 GEORGE G. HIBBS, Assistant Professor
 BILLY JAY HILL, Assistant Professor
 JACQUES OVADIA, Clinical Assistant Professor
 LAWRENCE D. SCOTT, Assistant Professor
 FRANK L. HUSSEY, Clinical Instructor
 JOHN T. McMANUS, Instructor
 EDWARD I. MILLER, Instructor
 GLADYS L. OLSON, Instructor
 MARVIN O. TREPTON, Instructor
 HAROLD N. WALGREN, Instructor
 ANTHONY CHUNG-BIN, Assistant
 ROBERT R. HART, Assistant²
 RICHARD L. PHILLIPS, Assistant²
 RICHARD P. TAYLOR, Assistant²

Surgery

HILLIER L. BAKER, Clinical Professor (Rush), *Emeritus*
 EDWIN M. MILLER, Clinical Professor (Rush), *Emeritus*
 OSCAR E. NADEAU, Clinical Professor, *Emeritus*
 FRANCIS H. STRAUS, Clinical Professor (Rush), *Emeritus*
 EDWARD J. BEATTIE, JR., Professor
 EGBERT H. FELL, Clinical Professor (Rush)
 RICHARD K. GILCHRIST, Clinical Professor (Rush)
 PAUL W. GREELEY, Clinical Professor
 HIRAM T. LANGSTON, Clinical Professor
 FOSTER L. McMILLAN, Clinical Professor
 JOHN H. OLWIN, Clinical Professor (Rush)
 HARRY W. SOUTHWICK, Clinical Professor
 PHILIP THOREK, Clinical Professor
 WILLIAM H. HAZLETT, Clinical Associate Professor, *Emeritus*
 FRANK J. JIRKA, Associate Professor, *Emeritus*
 JOHN D. KOUCKY, Clinical Associate Professor, *Emeritus*
 WILL F. LYON, Clinical Associate Professor, *Emeritus*
 RUDOLPH J. E. ODEN, Associate Professor, *Emeritus*
 MORRIS L. PARKER, Clinical Associate Professor, *Emeritus*
 LOUIS W. SCHULTZ, Clinical Associate Professor of Oral Surgery, *Emeritus*
 CARL B. DAVIS, JR., Clinical Associate Professor
 FREDERIC A. DEPEYSTER, 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
 BURTON C. KIBOURNE, Clinical Associate Professor
 STANLEY E. LAWTON, Clinical Associate Professor (Rush)
 CLARENCE MONROE, Clinical Associate Professor (Rush)
 LINDON SEED, Clinical Associate Professor
 EVERETT L. STROHL, Clinical Associate Professor
 FRANK V. THEIS, Clinical Associate Professor (Rush)
 WILLIAM J. GILLESBY, Clinical Associate Professor (DY)
 WILLIAM H. HARRIDGE, Clinical Associate Professor (DY)
 GEORGE A. OLANDER, Clinical Associate Professor (DY)
 JOHN R. ORNDORFF, Clinical Associate Professor (DY)
 CARL O. ALMQUIST, Clinical Assistant Professor, *Emeritus*
 RAYMOND E. ANDERSON, 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
VERNON L. GUYNN, 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
VERNON Z. HUTCHINGS, Clinical Assistant Professor
CARL IRENEUS, JR., Clinical Assistant Professor
ROBERT W. JAMIESON, Clinical Assistant Professor
FRANK R. JOHNSON, Clinical Assistant Professor
GEORGE D. KAISER, Clinical Assistant Professor
ANDREW KIRSTEINS, Clinical Assistant Professor
FRANCES E. KNOCK, Clinical Assistant Professor
JOHANNES L. KOPPEL, Assistant Professor of Biochemistry
WILLIAM E. LOOBY, Clinical Assistant Professor
KENNETH L. MATSON, Clinical Assistant Professor
HAROLD I. MEYER, Clinical Assistant Professor
WILLIAM E. NEVILLE, Clinical Assistant Professor
ROBERT J. OVERSTREET, Clinical Assistant Professor
MARTIN PEPPER, Clinical Assistant Professor
JOHN H. PRIBBLE, Clinical Assistant Professor
THOMAS SELLETT, 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
MILTON WEINBERG, JR., Clinical Assistant Professor
CARL Y. WERELIUS, Clinical Assistant Professor
ROBERT B. WHITE, Clinical Assistant Professor
MICHAEL F. WITANOWSKI, Clinical Assistant Professor
LEON J. WITKOWSKI, Clinical Assistant Professor
HILGER P. JENKINS, Lecturer
JEROME E. ABRAHAMS, Clinical Instructor
BURTON R. BANCROFT, JR., Instructor (one year from July 1, 1963)²
WALTER L. BARKER, Clinical Instructor (fourteen months from July 1, 1963)
EUGENE A. BROCCOLO, Clinical Instructor
DONALD M. BUCKNER, Instructor (one year from July 1, 1963)²
RICHARD G. CALDWELL, Instructor (one year from July 1, 1963)²
NOBLE CORRELL, Clinical Instructor
MYLES P. CUNNINGHAM, Instructor (one year from July 1, 1963)¹
EDWARD A. DAINKO, Instructor (one year from July 1, 1963)²
WILLIAM F. DIPPEL, Instructor (one year from July 1, 1963)¹
DOUGLAS G. A. EADIE, Instructor (one year from July 1, 1963)²
LAWRENCE A. FAGARASON, Instructor (one year from July 1, 1963)²
ERNEST M. FEILER, Clinical Instructor
GLENN W. FISCUS, Clinical Instructor
JOHN W. FRISCH, Clinical Instructor
ANDRES GABEL, Clinical Instructor
GORDON H. GLASSFORD, Clinical Instructor
SAMUEL L. HAMILTON, Clinical Instructor
JOSEPH F. HINKAMP, Clinical Instructor
JOHANNES M. L. JENSEN, Clinical Instructor
OLGA M. JONASSON, Instructor (one year from July 1, 1963)²
MICHEL N. JURAYJ, Instructor (one year from July 1, 1963)²
JOHN M. KENWELL, Clinical Instructor (fourteen months from July 1, 1963)
CHARLES J. KOUCKY, Clinical Instructor
WALTER R. LAWRENCE, Instructor (one year from July 1, 1963)²
OSCAR S. LENIT, JR., Clinical Instructor
DAVID R. LEWIS, Clinical Instructor
ROBERT O. LEWIS, Clinical Instructor
JOSEPH R. McANDREW, Clinical Instructor
RANDALL E. McNALLY, Clinical Instructor
CHAFICK N. MANSOUR, Clinical Instructor

A. GILMAN MIDDLETON, Instructor (one year from July 1, 1963)²
 KATHALEEN M. MOGAN, Instructor (one year from July 1, 1963)¹
 EUELL G. PAUL, Clinical Instructor
 HAROLD A. PAUL, Clinical Instructor
 PARVIZ PARSA, Instructor (one year from July 1, 1963)²
 ALCEU L. S. PEDREIRA, Instructor (one year from July 1, 1963)²
 EDGAR R. PICKEN, Clinical Instructor
 MORRIS M. PROFFITT, Clinical Instructor
 JOHN G. RAFFENSPERGER, Clinical Instructor
 OLIVER V. RENAUD, Clinical Instructor
 LEO E. ROBERTSON, Instructor (one year from July 1, 1963)²
 RUDOLPH W. ROESEL, Clinical Instructor
 MARVIN M. ROMSDAHL, Instructor (one year from July 1, 1963)²
 WENDELL H. SCHMIDTKE, Clinical Instructor (fourteen months from July 1, 1963)
 ETHAN B. RUBEN, Instructor (one year from July 1, 1963)²
 JAMES A. SANDROLINI, Instructor (one year from July 1, 1963)²
 RICHARD C. SCHULTZ, Clinical Instructor
 DAYLE O. SNYDER, Instructor (one year from July 1, 1963)¹
 JOHN M. SOMERNDIKE, JR., Instructor (one year from July 1, 1963)²
 E. WILSON STAUB, Instructor (one year from July 1, 1963)²
 ARNOLD B. SWERDLOW, Clinical Instructor
 RICHARD A. TARIZZO, Clinical Instructor
 KENNETH R. VANDER VENNET, Instructor (one year from July 1, 1963)²
 ARTHUR R. WILLIAMSON, Clinical Instructor
 KARL F. BADER, JR., Assistant (on leave of absence for military service)
 MARK F. BLUM, Assistant (one year from July 1, 1963)²
 ROBERT S. CALLAGHAN, Assistant (one year from July 1, 1963)²
 J. ANTHONY BROWN, Assistant (one year from July 1, 1963)²
 THOMAS E. CRONIN, Assistant (one year from July 1, 1963)²
 ALEXANDER DOOLAS, Assistant (on leave of absence for military service)
 ARDEAN J. EDIGER, Assistant (one year from July 1, 1963)²
 JAY D. ELLENBY, Assistant (on leave of absence for military service)
 JAMES H. FREEL, Assistant (one year from July 1, 1963)²
 ELLIOT G. GOLDIN, Assistant (one year from July 1, 1963)²
 ROBERT P. GORDON, JR., Assistant (one year from July 1, 1963)²
 ALLAN L. GRAHAM, Assistant (one year from July 1, 1963)²
 JOHN W. HENGESH, Research Assistant (on leave of absence for military service)
 WILLIAM R. JEWELL, Assistant (one year from July 1, 1963)²
 WILLIAM T. JOHNSTONE, Assistant (one year from July 1, 1963)²
 HARVEY J. LEVIN, Assistant (one year from July 1, 1963)²
 FERN E. LIKHTE, Assistant (one year from July 1, 1963)²
 WARREN L. LOWRY, Assistant (one year from July 1, 1963)²
 LARRY O. MCKNELLY, Assistant (one year from July 1, 1963)²
 ROGER L. MEHL, Assistant (one year from July 1, 1963)²
 JOHN J. MINSTER, Assistant (one year from July 1, 1963)²
 ERNEST A. NOREHAD, Assistant (one year from July 1, 1963)²
 OSMAR P. STEINWALD, JR., Assistant (one year from July 1, 1963)²
 WAYNE M. SWENSON, Assistant (one year from July 1, 1963)²
 MICHAEL S. TAEKMAN, Assistant (one year from July 1, 1963)²
 NICHOLAS L. TILNEY, Assistant (one year from July 1, 1963)²
 GERRY R. TUVESON, Assistant (one year from July 1, 1963)²
 JAMES R. WALTZ, Assistant (one year from July 1, 1963)²
 WILFRED E. WATKINS, Assistant (one year from July 1, 1963)²
 JEHOOM YANG, Assistant (one year from July 1, 1963)²

Division of Urology

NORRIS J. HECKEL, Clinical Professor of Urology (Rush)
 EDWIN C. GRAF, Clinical Associate Professor of Urology
 THEOPHIL P. GRAUER, Clinical Associate Professor of Urology
 JAMES W. MERRICKS, JR., Clinical Associate Professor of Urology (Rush)
 GEORGE O. BAUMRUCKER, Clinical Assistant Professor of Urology
 JOSEPH S. DRABANSKI, Clinical Assistant Professor of Urology
 R. ROSS HAEGER, Clinical Assistant Professor of Urology

WILLARD C. MEYER, Clinical Assistant Professor of Urology
 FRANK B. PAPIERNIAK, Clinical Assistant Professor of Urology
 COLQUITT O. RITCH, Clinical Assistant Professor of Urology
 FREDERICK W. SCHACHT, Clinical Assistant Professor of Urology
 CARL D. BERRY, JR., Clinical Instructor in Urology
 JAMES A. CALAMS, Clinical Instructor in Urology
 DANIEL H. CALLAHAN, Clinical Instructor in Urology
 THOMAS L. C. COTTRELL, Clinical Instructor in Urology
 ENGIN DENIZ, Clinical Instructor in Urology
 ALFONSO DIAZ, Clinical Instructor in Urology
 CHARLES F. MCKIEL, JR., Clinical Instructor in Urology
 WILLARD J. SMITH, Instructor in Urology (one year from July 1, 1963)^a
 JAMES C. VALENTA, Clinical Instructor in Urology
 CYRIL C. WIGGISHOFF, Clinical Instructor in Urology
 JOHN A. KOZAK, Assistant in Urology (one year from July 1, 1963)^a
 GARY A. STOREY, Assistant in Urology (one year from July 1, 1963)^a

Division of Anesthesiology

ERNST T. MORCH, Clinical Professor of Anesthesiology
 PAUL W. SEARLES, Clinical Professor of Anesthesiology
 MARY M. LYONS, Clinical Associate Professor of Anesthesiology (Rush), *Emerita*
 JOHN L. SCHMIDT, Clinical Associate Professor of Anesthesiology (DY)
 JOHN E. CAWLEY, Clinical Assistant Professor of Anesthesiology
 MYRON J. LEVIN, Clinical Assistant Professor of Anesthesiology
 HERBERT E. NATOF, Clinical Assistant Professor of Anesthesiology
 JOSEPH E. REMLINGER, Clinical Assistant Professor of Anesthesiology
 DIGBY G. SEYMOUR, Clinical Assistant Professor of Anesthesiology
 ARTHUR T. SHIMA, Clinical Assistant Professor of Anesthesiology
 VERNON E. WALLACE, Clinical Assistant Professor of Anesthesiology
 HERSHELL L. KEELING, Clinical Associate in Anesthesiology
 HOWARD H. BERLIN, Clinical Instructor in Anesthesiology
 GWEN GLEAVE, Clinical Instructor in Anesthesiology
 EILEEN HECKEL, Clinical Instructor in Anesthesiology
 DAVID KATZ, Clinical Instructor in Anesthesiology
 STANKA K. PAPRIKOFF, Clinical Instructor in Anesthesiology
 RAYMOND F. ROSE, Clinical Instructor in Anesthesiology
 LESTER SCHWARTZ, Clinical Instructor in Anesthesiology
 VIVENTE B. SANTELICES, Instructor in Anesthesiology (one year from July 1, 1963)^a
 VINCENZO TRAINA, Clinical Instructor in Anesthesiology
 DAN A. VALENTI, Clinical Instructor in Anesthesiology
 RASMA V. VITRINGS, Clinical Instructor in Anesthesiology
 RAYMOND ZBICK, Clinical Instructor in Anesthesiology
 RONALD F. ALBRECHT, Assistant in Anesthesiology (one year from July 1, 1963)^a
 FRANCISCO M. ALVES, Assistant in Anesthesiology (one year from July 1, 1963)^a
 THOMAS L. ASHCRAFT, Clinical Assistant in Anesthesiology
 FELICISIMO N. BUENAFE, Assistant in Anesthesiology (one year from July 1, 1963)^a
 ELEUTERIO CARREIRA, Assistant in Anesthesiology (one year from July 1, 1963)^a
 CARLETON E. DANGREMOND, Clinical Assistant in Anesthesiology
 ROLAND W. DEYOUNG, Assistant in Anesthesiology (one year from July 1, 1963)^a
 HECTOR R. LEON, Assistant in Anesthesiology (one year from July 1, 1963)^a
 RAFAEL MACHADO, Assistant in Anesthesiology (one year from July 1, 1963)^a
 NORA G. MADRILEJO, Assistant in Anesthesiology (one year from July 1, 1963)^a
 WILLIAM R. MELBY, Clinical Assistant in Anesthesiology
 ANTONIO M. NOVO, Assistant in Anesthesiology (one year from July 1, 1963)^a
 MADDALENA F. PASTIKA, Assistant in Anesthesiology (one year from July 1, 1963)^a
 CYRUS PIRNAZAR, Assistant in Anesthesiology (one year from July 1, 1963)^a
 PABLO M. RIVERA, Assistant in Anesthesiology (one year from July 1, 1963)^a
 LOUIS ROE, Assistant in Anesthesiology (one year from July 1, 1963)^a
 FERDINANDO B. SCHIAPPA, Assistant in Anesthesiology (one year from July 1, 1963)^a
 ASTRIDA I. SILINS, Clinical Assistant in Anesthesiology
 EMMA C. TING, Assistant in Anesthesiology (one year from July 1, 1963)^a

EDWARD T. TOYOOKA, Assistant in Anesthesiology (one year from July 1, 1963)¹
CHARLES H. WILLIAMS, Assistant in Anesthesiology (one year from July 1, 1963)²
DONALD H. WILLIAMS, Assistant in Anesthesiology (one year from July 1, 1963)³
WILLIAM E. WOLF, Assistant in Anesthesiology (one year from July 1, 1963)⁴

COOPERATIVE EXTENSION SERVICE IN AGRICULTURE AND HOME ECONOMICS

(7) The Seventy-third General Assembly of Illinois enacted a bill, approved by the Governor on August 5, 1963, for "An Act relating to the establishment of County Agricultural and Home Economics Extension Councils and County Extension Boards to cooperate with the University of Illinois College of Agriculture Cooperative Extension Service and the United States Department of Agriculture in conducting educational programs in agriculture, home economics, and subjects relating thereto in the several counties, and authorizing the levy of an annual tax therefore."

This law authorizes counties to raise funds for support of these programs by taxation if approved by referendum, or to assign funds for the purpose from general revenues of the county and to pay such funds to the University of Illinois. The law also gives the Board of Trustees of the University additional authority in carrying out the programs of cooperative extension.

Distinctive features of this law are: (1) recognition by the Legislature of the County Extension Councils; (2) establishment of Extension Boards to serve as liaison groups between the County Councils and County Boards of Supervisors (or Commissioners); (3) specific delegation of the University of Illinois as an agency eligible to receive county funds in the support of Cooperative Extension programs in the counties; and (4) removal of the limitation of \$5,000 on funds which County Boards of Supervisors or Commissioners may allocate from county tax funds in support of the Cooperative Extension programs in counties where the population exceeds certain numbers.

In the past, the Board of Trustees has delegated administration of the activities of the Cooperative Extension Service through the President to the Director of the Cooperative Extension Service and, although there are no major policy or operational changes involved in the implementation of this new county extension law, it is deemed advisable for the Board to reaffirm its previous delegation of responsibility. The Dean of the College of Agriculture and Director of the Cooperative Extension Service requests approval by the Board of Trustees of the following:

Delegation of Authority to the Director of Cooperative Extension to Carry Out the Provisions of the County Cooperative Extension Law

The recently enacted County Cooperative Extension Law authorizes the Board of Trustees to provide for the creation of county extension councils and boards. Heretofore the University has administratively created and supervised similar councils. The Dean of the College of Agriculture and Director of the Cooperative Extension Service recommends that pursuant to the County Cooperative Extension Law, the Director of the University of Illinois Cooperative Extension Service, under the President of the University, be directed and authorized to establish county extension councils and multi-county councils, to establish procedures for their operation substantially as provided in the Extension Council Guide, a copy of which has been approved by the President and is filed with the Secretary of the Board, to create county extension boards, and to carry out the other provisions of said Act on behalf of the Board of Trustees of the University of Illinois.

A copy of the Extension Council Guide is submitted herewith.

I concur.

The Secretary reported that since some preliminary steps to initiate the implementation of this program needed to be taken prior to September 1, 1963, the Executive Committee of the Board was consulted and gave interim authorization, subject to further action by the Board of Trustees.

On motion of Mr. Swain, the Board delegated authority to the Di-

rector of Cooperative Extension to carry out the provisions of the County Cooperative Extension Law.

**CONTRACT FOR GAS SERVICE FOR HEATING PLANT
AT CONGRESS CIRCLE**

(8) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a contract with the Peoples Gas, Light, and Coke Company, Chicago, for gas service under the Interruptible Boiler Fuel Service, Classification No. V-3.

The fuel for the Heating Plant at the Congress Circle Campus has been planned for gas (Interruptible Boiler Fuel Service) during the summer months and oil during the winter months when gas is not available under this contract. The Service Classification recommended for the purchase of gas is No. V-3. This recommendation has been reviewed and concurred in by Sargent and Lundy, Consulting Engineers for the Heating Plant.

I concur.

On motion of Mr. Swain, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; not voting, Mr. Johnston; absent, Mr. Dilliard, Mr. Hughes, Mr. Kerner.

**CONTRACT FOR ELECTRICAL SERVICE FOR HEATING PLANT
AT CONGRESS CIRCLE**

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an agreement with Commonwealth Edison Company, Chicago, for the electrical service at the Congress Circle Campus, and that the University pay Commonwealth Edison Company the standard excess facility charges of \$12,920.

The planning for Congress Circle Campus construction requires installation of electrical service from Commonwealth Edison Company at the Heating Plant, 1100 South Morgan Street, Chicago.

Commonwealth Edison will supply electricity at 69 KV transformed to supply the University at 12 KV and 4 KV. The provision for 4 KV service (for the operation of large motors in the Heating Plant) is basically the reason for the excess facility charges of \$12,920. Sargent and Lundy, Consulting Engineers for the Heating Plant, estimated that the cost for supplying separate transformers to provide 4 KV service would be approximately \$40,000. By the acceptance of the excess facility charges, the University will save approximately \$27,000.

The demand and energy charges are the same as presently experienced at the undergraduate campus at Navy Pier, on a twenty-four month demand basis.

Funds are available in the state capital appropriations to the University from the Universities Building Fund.

I concur.

On motion of Mr. Swain, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Mr. Hughes, Mr. Kerner.

**CONTRACT FOR CONSTRUCTION AT
ABBOTT POWER PLANT ADDITION**

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$29,826 to Robert Gordon, Inc., Chicago, the lowest bidder, for miscellaneous piping and equipment at the Power Plant Addition — Boiler No. 7.

Funds are available in the state capital appropriations to the University from the Universities Building Fund.

A supporting statement, including a schedule of all bids received, is submitted herewith, and a copy is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, this contract was awarded by the fol-

lowing vote: Aye, Mr. Clement, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Mr. Hughes, Mr. Kerner.

**CONTRACT FOR AIR CONDITIONING ELECTRICAL
ENGINEERING BUILDING**

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$73,941 to Reliable Plumbing and Heating Company, Champaign, the lowest bidder, this being the amount of the base bid plus alternates, for air conditioning the Electrical Engineering Building.

Funds are available in the state capital appropriations to the University from the Universities Building Fund.

A schedule of bids received is submitted herewith, and a copy is being filed with the Secretary of the Board for record.

I concur.

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

**AGREEMENT WITH NORTHERN ILLINOIS WATER CORPORATION
FOR EXTENSION OF WATER SERVICE ON SOUTH FARMS**

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize its Secretary and the Comptroller to execute the following upon terms, conditions, and form approved by the Legal Counsel:

An agreement with the Northern Illinois Water Corporation for the extension of water service from the Water Corporation's 8-inch main in the right-of-way of Route 45 at the intersection of the A T & T Road and Route 45 east to the South First Street Road and north approximately 600 feet, on a cost basis but not to exceed \$11,760, for the main extension. In addition the University will pay on a cost basis for easements, meter vault, meter and service connection, and fire hydrants, or a total estimated cost of \$15,433.

A grant of right-of-way easement over the south 600 feet of the west 33 feet of the southwest quarter of section 30 township 19 north, range 9 east of the third principal meridian.

Funds are available in the state capital appropriations to the University from the Universities Building Fund.

I concur and recommend adoption of the following resolution:

Resolution

Be It, and It Hereby Is Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this Board of Trustees be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to Northern Illinois Water Corporation, an Illinois corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and easement to construct, reconstruct, operate, maintain, repair, alter, replace, move and remove a water line, which is not less than eight inches (8") in diameter, and other equipment appurtenant thereto, under, through and across the land hereinafter described and the right of ingress to and egress therefrom. Grantee shall agree to repair any damage caused to property of this Corporation by the construction, reconstruction, operation, maintenance, repairing, alteration, moving and removing of said water line. The right-of-way easement shall remain in full force and effect from the date granted and for so long thereafter as said water transportation line is continued in service and has not been abandoned and discontinued. Upon termination of the easement Grantee shall peaceably surrender possession of said premises to this Corporation and full and complete title then shall remain in this Corporation

free and clear of said easement. The right-of-way easement shall be over the following-described property:

Situated in the State of Illinois, the County of Champaign, and consisting of the West Thirty-three (33) feet of the south Six Hundred (600) feet of the Southwest Quarter (SW $\frac{1}{4}$) of Section Thirty (30), Township Nineteen (19) North, Range Nine (9) East of the Third Principal Meridian.

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

**RENEWAL OF LEASE FOR SPACE AT 606½ EAST GREEN STREET,
CHAMPAIGN, ILLINOIS**

(13) The University of Illinois Foundation on July 9, 1958, entered into an agreement with Bailey and Himes, Inc., Champaign, for the rental of 2,400 square feet of space on the second floor at 606½ East Green Street, Champaign, Illinois, for a five-year period commencing September 1, 1958. The space is used by the College of Journalism and Communications for part of its Television-Motion Pictures operations.

The Foundation has subleased the space to the Board of Trustees of the University of Illinois for biennial periods on the same terms and conditions as outlined in the lease between the Foundation and Bailey and Himes, Inc.

In negotiations for renewal of the lease for an additional five-year period, the owner has stated that due to increased costs, a rental rate increase of \$192 per year would be necessary.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University of Illinois Foundation be requested to renew the lease at the increased rental rate and that the Secretary of the Board and the Comptroller be authorized to execute a sublease agreement with the University of Illinois Foundation at the increased rental rate.

I concur.

On motion of Mrs. Watkins, this recommendation was approved, and authority was given as requested.

**RENEWAL OF LEASE FOR SPACE AT 611-13 EAST GREEN STREET,
CHAMPAIGN, ILLINOIS**

(14) The University of Illinois Foundation on July 9, 1958, entered into an agreement with Tom Merlo for the rental of 3,200 square feet of space on the second floor at 611-13 East Green Street, Champaign, Illinois, for a five-year period commencing September 1, 1958. The space is used by the Visual Aids Section of the Division of University Extension.

The Foundation subsequently subleased the space to the Board of Trustees of the University of Illinois for biennial periods on the same terms and conditions as outlined in the lease between the Foundation and Mr. Merlo.

In negotiations for renewal of the lease for an additional five-year period, the owner has stated that due to increased costs, a rental rate increase of \$144.00 per year would be necessary.

The Board of the University of Illinois Foundation has agreed to the increased rental subject to approval by the Board of Trustees.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Secretary of the Board and the Vice-President and Comptroller be authorized to execute a sublease agreement with the University of Illinois Foundation at the increased rental rate.

I concur.

On motion of Mrs. Watkins, this recommendation was approved, and authority was given as requested.

LEASES OF PROPERTIES FOR WOMEN'S HOUSING

The Executive Committee presented the following report:

All space in University residence halls for undergraduate women was assigned prior to August 1, and there were no vacancies in approved private housing facili-

ties for women. As a result, no additional permits to enter could be issued to undergraduate women unless additional housing facilities were found.

The Director of Housing, the Director of the Physical Plant, and the Vice-President and Comptroller recommend authorization of the leasing of the following properties on the terms and for the periods indicated for use as housing for undergraduate women students:

- 1007 South Fifth Street, Champaign, first semester of 1963-64, at a rental of \$2,475, with option to renew for the second semester at the same rate. This property will provide rooms and cooking privileges for twenty undergraduate women plus a house director.
- 1112 West California, Urbana, first semester of 1963-64, at a rental of \$2,485, to accommodate thirty-four undergraduate women plus a house director.
- 107 West California, Urbana, for one year from September 1, at a rental of \$18,000. This property is a new apartment building containing twelve two-bedroom apartments which will provide housing for forty-four undergraduate women plus a house director.

The rentals charged the occupants of these properties will be sufficient to cover the rental plus the operating costs.

A majority of the Board members authorized in writing the Executive Committee to approve these leases, and the Executive Committee authorized the Comptroller and Secretary of the Board to execute the leases.

This report is submitted for record.

WAYNE A. JOHNSTON
FRANCES B. WATKINS
HOWARD W. CLEMENT
Chairman

A. J. JANATA
Clerk

ADDITION TO CONTRACT FOR ILLINOIS STREET RESIDENCE HALLS

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$10,418 in the contract with Kuhne-Simmons Company, Inc., Champaign, for construction of the Illinois Street Residence Halls for furnishing and installing three walk-in coolers and one walk-in freezer in the food service area, which were not included in the original contract.

Funds are available in the project budget.

I concur.

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

ADDITION TO CONTRACT FOR CONSTRUCTION OF ILLINI UNION ADDITION

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$6,259.76 in the contract with Felmley-Dickerson Company, Inc., Urbana, for construction of the Illini Union addition to include additional remodeling work in the Commons dining room on the ground floor which will complete the improvements in this area.

Funds are available in the construction budget.

I concur.

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

CONTRACT FOR CAMPUS DEVELOPMENT CONSULTING SERVICES

(17) The present contract with the firm of Sasaki, Walker, and Associates, Inc., Watertown, Massachusetts, for consulting services in the area of long-range campus and landscape development expired June 30, 1963. The Director of the Physical Plant and the Vice-President and Comptroller recommend continuation of the employment of this firm for consulting services until June 30, 1965, to:

Review and advise on landscape and site design work initiated by the Division of Campus Development on specific projects included in the University's building program.

Advise and make recommendations on long-range campus planting plans.

Furnish objective review and comments concerning general campus landscape and grounds improvements.

The estimated total annual cost is \$5,000.

Funds are available in the state capital appropriations to the University from the Universities Building Fund.

I concur.

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

REAPPROPRIATION OF UNEXPENDED BALANCES **AS OF JUNE 30, 1963**

(18) The Vice-President and Comptroller recommends that the following balances and overdrafts in budget appropriations June 30, 1963, be carried forward for the fiscal year beginning July 1, 1963, in accordance with usual policy.

I concur.

Urbana-Champaign

General administration and expense.....	\$ 64 755		
Executive Vice-President and Provost, instructional television in other departments.....	\$14 224		
Vice-President and Comptroller, microfilming records.....	614		
Legal Counsel, special legal services.....	1 341 ¹		
Public Information, state fair exhibit.....	110 ¹	13 387	\$ 78 142
Agriculture.....			77 652
Commerce and Business Administration.....			5 604
Education.....			12 723
Engineering.....	834		
Engineering technology curriculum committee..	13 600		
Technician need study.....	4 538	18 138	18 972
Fine and Applied Arts.....			13 627
Graduate College.....			19 809
Journalism and Communications.....			14 880
Law.....			453
Liberal Arts and Sciences.....	48 397		
Census tracts, Champaign County.....	2 090		
Anthropology, field training program.....	993		
Geography, Illinois resources atlas.....	1 426	4 509	52 906
Physical Education.....			4 057 ¹
University Extension.....			46 308
Veterinary Medicine.....			11 650
Other schools and colleges.....	6 040		
Institute of Aviation, electronic technology.....	12 080		18 120
Libraries and Library School.....			11 633 ¹
Physical Plant			
Regular operation and maintenance.....	175 173		
Renewals and replacements.....	207 364		
Assembly Hall utilities.....	100 000	482 537	
Unexpended plant			
Admissions and Records, special equipment.....	7 206		
McKinley Hospital, overbed tables and closets.....	5 852		
Agriculture Administration, special assignment.....	5 028		
Agricultural Engineering, special equipment.....	2 200		
Animal Science, prefabricated refrigeration walk-in-room	12 000		
Dixon Springs, purchase of truck.....	3 258		
Burnsides Laboratory, equipment and moving.....	8 448		
Food Science, special equipment.....	1 200		
Forestry, pressure-vacuum cylinder.....	8 627		
Forestry, plywood shear testing machine.....	2 700		
Forestry, special equipment.....	3 100		
Bevier Hall, electrical service.....	7 740		
Pell Farm, improvements.....	19 616		
Education Administration, special equipment.....	2 089		
Elementary Education, special equipment.....	1 317		
Vocational and Technical Education, special equipment	4 780		
University High School, special equipment.....	6 476		
Civil Engineering, equipment (National Science Foundation matching grant).....	35 100		

¹ Deduct.

Civil Engineering, special equipment.....	50 587
Civil Engineering, Universal testing machine.....	25 500
Electrical Engineering, analogue computer.....	10 612
Electrical Engineering, special equipment.....	3 768
Mechanical and Industrial Engineering, analogue computer.....	8 000
Mechanical and Industrial Engineering (National Science Foundation matching grant).....	35 000
Mining, Metallurgy, and Petroleum Engineering, special equipment.....	9 437
Nuclear Engineering, special equipment.....	7 272
Physics, special equipment.....	2 609
Architecture, special equipment.....	3 996
Art, special equipment.....	20 347
Music, special equipment.....	10 711
Graduate College, flexo-writer.....	1 322
Television cable and equipment.....	12 926
Language Laboratory, equipment.....	24 970
Chemistry, equipment (National Science Foundation matching grant).....	25 172
Chemistry and Chemical Engineering, special equipment.....	42 249
English, special equipment.....	2 220
Geology, special equipment.....	2 296
Physiology, equipment (National Science Foundation matching grant).....	25 707
Psychology, equipment (National Science Foundation matching grant).....	24 980
Zoology, special equipment.....	6 015
Physical Education, special equipment.....	10 588
University Extension, special equipment.....	2 040
University Press, inserting machine for Mailing Center..	3 000
Library, special equipment.....	13 102
Electrical Engineering, building equipment.....	2 319
Physical Plant, load lugger.....	1 262
Architectural studies for future buildings.....	25 916
Improving lighting in classrooms.....	52 913
Minor improvements.....	1 744
Parking facilities.....	1 108
Remodeling and minor additions unassigned.....	16 496
704 South Sixth Street, remodeling.....	4 390
Volatile Storage Building.....	3 909
Dixon Springs, staff houses.....	1 386
Dairy Science, milk handling room.....	22 500
Dairy Science, minor buildings.....	15 961
Physical Plant, sheep metabolism unit.....	21 873
Physics Betatron, prefabricated metal buildings.....	8 000
Central Receiving Station.....	1 425
Arcade Building, remodeling.....	3 209
Armory, remodeling.....	7 886
Arcade Building, air conditioning.....	8 000
English Building, remodeling.....	3 054
McKinley Hospital, nurse call system.....	15 081
Agricultural Engineering Building, remodeling.....	1 111
Animal Sciences Laboratory, remodeling room 345.....	3 400
Animal Sciences Laboratory, remodeling room 420.....	4 385
Agronomy Storehouse, electrical service.....	3 480
Dairy Barn, free stalls.....	16 750
Horticulture Field Laboratory, remodeling.....	25 150
David Kinley Hall, electrical service.....	18 480
Gregory Hall, air conditioning.....	3 330
Lincoln Hall, remodeling room 24.....	12 125
Civil Engineering Hall, air conditioning.....	10 773
Civil Engineering Hall, remodeling.....	15 223
Wood Shop, remodeling.....	47 740

Smith Music Hall, lighting.....	5	560	
Armory Rifle Range, renovation.....	17	680	
Chemistry Annex, remodeling.....	67	350	
Gregory Hall, remodeling room 446.....	4	380	
Harker Hall, remodeling.....	1	886	
Illini Hall, prefab sound room.....	1	361	
Lincoln Hall, remodeling.....	10	474	
Natural History Building, remodeling.....	33	377	
Noyes Laboratory, remodeling.....	23	773	
Men's Old Gymnasium, remodeling.....	7	250	
Skating Rink, roof repairs.....	38	079	
Veterinary Clinic, painting.....	1	746	
Library, remodeling room 19.....	2	124	
807 South Lincoln Avenue, remodeling.....	7	954	
Dixon Springs, improvements.....	4	610	
Dixon Springs, laboratory repairs and replacements.....	2	864	
1208 West Springfield Avenue, remodeling.....	2	637	
Central Receiving Station, remodeling.....	6	590	
Hydraulics Research Laboratory, remodeling.....	8	950	
Quonset building, remodeling.....	1	862	
1205 West Nevada Street, relocation and remodeling.....	59	000	
26 East Springfield Avenue, remodeling.....	1	150	
1207 West Oregon Street, renovation.....	3	318	
907 South Sixth Street, remodeling.....	4	273	
Bicycle parking areas.....	2	445	
Bicycle lanes.....	1	946	
Stadium Drive recreational area.....	12	079	
Women's Gymnasium, sidewalks.....	3	155	
Storm sewer, improvements.....	2	500	
Orchard Street, machine shed.....	6	994	
Animal Science, farm improvements.....	16	092	
Thirty-seven items ranging from \$8 to \$903.....	13	935	1 278 936
<i>Total, Urbana-Champaign.....</i>			(2 116 629)
<i>Medical Center, Chicago</i>			
General administration and expense.....	3	131	
Estimates and alterations.....	3	867	6 998
Aeromedical and Physical Environment.....			1 058
Medicine.....			16 208
Dentistry.....			3 471
Pharmacy.....			1 038
Graduate College.....			19 885
Nursing.....			2 566 ¹
Physical Education for Men.....			2 000
Division of Services for Crippled Children.....			305 055
Research and Educational Hospitals.....			47 562 ¹
Library.....			454 ¹
Physical Plant			
Regular operation and maintenance.....	38	221	
Renewals and replacements.....	105	113	
Medical Center Steam Plant.....	82	672	226 006
Unexpended plant			
Medical Research Laboratory, electronic air cleaners, installation.....	1	154	
Physical Plant, ducts, replacement.....	30	384	
Physical Plant, room 125, partitioning.....	1	193	
Orthopaedics Center, rehabilitation.....	1	359	
Television equipment.....	5	468	
Dental Admitting Clinic, remodeling.....	2	034	
Chemistry, special equipment.....	6	238	
Drug and Horticulture Station, special equipment.....	7	181	
Pharmacy, special equipment.....	6	966	
Manufacturing Pharmacy area, remodeling.....	1	699	
Research and Educational Hospitals, special equipment.....	65	540	

¹ Deduct.

Vacumatic sterilizer, purchase and installation.....	2 703	
Research and Educational Clinics, furniture and equipment.....	7 068	
Spectrophotometer, purchase.....	8 000	
Hospital Residence, special equipment.....	2 400	
Research and Educational Nursing, furniture and equipment.....	2 541	
Research and Educational Nursing, special equipment..	2 400	
Research and Educational Operating and Recovery Rooms, special equipment.....	4 250	
Research and Educational Pathology, special equipment	1 400	
Fluoroscopic units, purchase.....	30 435	
Intercommunication system, replacement.....	2 289	
Research and Educational Radiology, special equipment	21 548	
Architectural studies for future buildings.....	7 599	
Telephone centrex system, installation.....	8 840	
Twenty-six items ranging from \$74 to \$819.....	11 583	242 272
<i>Total, Medical Center, Chicago</i>		(773 409)
<i>Chicago Undergraduate Division</i>		
General administration and expense.....	6 100	
Auditorium expense.....	529	
Demographic statistical study.....	249 ¹	6 380
Liberal Arts and Sciences.....		13 269
Engineering.....		9 749
Architecture and Art.....		4 310 ¹
Graduate College.....		2 405
Business Administration.....		1 074
Physical Education.....		1 669
Armed Forces.....		667
Library.....		5 540
<i>Physical Plant</i>		
Regular operation and maintenance.....	14 720	
Building rentals and insurance.....	8 103	22 823
<i>Unexpended plant</i>		
Computer program, special equipment.....	7 571	
Engineering, laboratory equipment.....	11 271	
Physics, special equipment (Atomic Energy Commission matching grant).....	6 000	
University facilities, equipment and remodeling.....	11 602 ¹	
Snack Bar, lighting.....	1 217	
Six items ranging from \$98 to \$720.....	2 462	16 919
<i>Total, Chicago Undergraduate Division</i>		(76 185)
<i>Grand Total</i>		\$2 966 223

On motion of Mrs. Watkins, these reappropriations were approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Mr. Hughes, Mr. Kerner.

CONTRACT FOR PUBLICATION OF PROGRAMMED INSTRUCTIONAL MATERIAL

(19) The Dean of the College of Medicine and the Vice-President for the Medical Center recommend authorization of a contract between the Board of Trustees of the University of Illinois, Dr. Arnold Wolf (author), and the Williams and Wilkins Company (publisher), 428 East Preston, Baltimore, Maryland, for publication of a programmed book, *Introduction to Body Fluid Metabolism*, prepared as a scholarly contribution by Dr. Arnold Wolf, Professor and Head of the Department of Physiology in the College of Medicine, with the assistance of technical programming experts provided by the Office of Research in Medical Education.

The proposed tripartite contract for publication of this work will provide for an equal division of royalties between Dr. Wolf and the University. This arrange-

¹ Deduct.

ment has been approved by the Executive Vice-President and Provost, the Vice-President and Comptroller, and the Legal Counsel.

I concur.

On motion of Mr. Williamson, this contract was authorized.

PURCHASES

Purchases Authorized

(20) 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 in each case was recommended on the basis of the lowest acceptable bid.

The recommendations are presented in two categories: purchases from Appropriated Funds (i.e., from state appropriations to the University) and purchases from Institutional Funds. The latter term is used here to designate funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, from foundation grants and grants from corporations and other donors, and from University revolving funds authorized by law.

Purchase from Appropriated Funds

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Two silos, size 14 ft. diameter by 35 ft. high, including foundation and concrete floor to be furnished and erected at the University Beef Farm, Urbana	Animal Science	Madison Silos, Division of Martin-Marietta Corp., El Paso	\$ 3 635 00 f.o.b. delivered and erected

Purchases from Institutional Funds

One tachistoscope, three-channel, with a total of five time interval generators, one for each channel, and two to control durations between channels	Psychology	Scientific Prototype Manufacturing Co., New York, N.Y.	\$ 3 236 00 f.o.b. delivered
Print and bind 5,000 copies, Unit 5 Students' Edition, <i>High School Mathematics</i> , trim size 8½ in. by 11 in., approximately 300 pages per copy	University Press	Braun & Brumfield, Ann Arbor, Mich.	3 478 00 f.o.b. delivered
2,325 signs, parking lot, complete with aluminum back and scotchlite face 6,300 numerals, one in. high, scotchlite 2,000 letters, one in. high, scotchlite 1,000 numerals, two in. high, scotchlite 600 letters, two in. high, scotchlite For the new parking program	Physical Plant	Illinois State Penitentiary, Pontiac	6 604 00 f.o.b. Pontiac
294 shelves, plywood, size 1 ft. by 6 ft. by ¾ in.	Physical Plant, Architect's Division	Brewer Woodwork, Urbana	3 622 00 f.o.b. delivered
216 shelves, plywood, size 1 ft. by 4 ft. by ¾ in.			
To be made from ¾-in. standard hard-wood plywood with birch or maple veneer, walnut strip edging ¼-in. thick on three sides, walnut finish, to be used as book shelves in offices of the Armory addition			
One replacement rotor support and other related repair parts for the Burrill Hall air compressor unit, which is part of the air conditioning system for the building including the system for the constant temperature rooms used in research	Physical Plant	York Corp., Chicago	2 890 04 f.o.b. York, Pa.

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

Purchases Recommended

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

The recommendations are presented in two categories: purchases from Appropriated Funds (i.e., from state appropriations to the University) and purchases from Institutional Funds. The latter term is used here to designate funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, from foundation

grants and grants from corporations and other donors, and from University revolving funds authorized by law.

Purchases from Appropriated Funds

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One infrared spectrophotometer and accessories	Pharmacy-Chemistry, Chicago	The Perkin-Elmer Corp., La Grange	\$ 6 237 50 delivered
(Note: This purchase is made from both Appropriated Funds, \$6,237.50, and Institutional Funds, \$30.50, for a total of \$6,268.00.)			
Ultrasonic cleaning equipment	Research and Educational Hospitals, Chicago	Zimmer-Ramsay Associates, Chicago	3 950 00 delivered
6,575 diploma covers; this is the total requirement for Urbana and the Medical Center for the period of September 25, 1963, through June 30, 1964	Admissions and Records	The Welch Scientific Co., Chicago	7 364 00 f.o.b. delivered
4,392 ring binders, three ring, various sizes	Office Supply Storeroom	Standard Stationery Supply, Chicago	6 486 48 f.o.b. delivered
Furnish and apply asphalt and aggregate for seven small parking lots, an alley, and a service drive on the Urbana campus, and provide seal coating for Orchard Street area within Orchard Downs housing area of the Urbana campus	Physical Plant	Parro Construction Corp., Urbana	3 377 00 f.o.b. delivered and applied
(Note: This purchase is made from both Appropriated Funds, \$3,377.00, and Institutional Funds, \$1,320.00, for a total of \$4,697.00.)			
One lathe, tool room type, 13 in. by 42 in. centers, with 14½ in. swing over bed and complete with collets and motor	Physical Plant	R. K. LeBlond Machine Tool Co., Oak Park	4 792 27 f.o.b. Cincinnati, Ohio
One grinder, surface, hydraulic, 10 in. by 16 in. to be used by the Physical Plant Department's machine shop for general toolroom work	Physical Plant	The Jackson-Fotsch Co., Chicago	4 127 00 f.o.b. delivered
Print and bind 6,000 copies of 1963-64 <i>Student Directory</i> , trim size 5½ in. by 8½ in., approximately 296 pages per copy	University Press	Cushing-Malloy, Inc., Ann Arbor, Mich.	2 762 00 f.o.b. delivered
Labor, equipment, and material to repair and coat 215,000 sq. ft. of the roof of the Mechanical Engineering Laboratory with a glass fabric material similar to that now on the roof	Physical Plant Storeroom	Coatings Application Corp., St. Louis, Mo.	3 019 00 f.o.b. installed

Purchases from Institutional Funds

One automatic gas chromatograph and accessories	Biological Chemistry, Chicago	Wilkens Instrument & Research, Inc., Walnut Creek, Calif.	\$ 4 136 44 delivered
One continuous liquid flow detector	Biological Chemistry, Chicago	Packard Instrument Co., Inc., La Grange	2 750 00 delivered
One ultracentrifuge with two fixed-angle rotors	Biological Chemistry, Chicago	Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.	9 542 00 delivered
One flame photometer attachment for the Clinical Research Center's auto-analyzer	Clinical Research Center, Chicago	Technicon Instrument Co., Chauncey, N.Y.	2 900 00 f.o.b. Chauncey, N.Y.
One photomicroscope and accessories	Illustration Studios, Chicago	W. H. Kessel & Co., Chicago	3 766 30 delivered
One lot of laboratory supplies and equipment consisting of one spectrophotometer and power supply, 20 dozen plastic bottles, six plastic carboys, 48 rolls aluminum foil, 12 glass funnels, 24 bottles oil of cedar, six plastic pails, one pipette rinser, 200 ft. plastic tubing, three dozen slide boxes, 200 oz. microscope cover glasses, 50 gross microscope slides, 192 sponges, 144 vials heparinized capillary tubes	Medicine, Chicago	LaPine Scientific Co., Chicago	3 670 00 delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Labor and material to construct a tile drainage system on Allerton Trust Farm No. 6	Agricultural Economics	Clyde I. Williams, Homer	\$ 15 936 20 f.o.b. delivered and installed
One gas chromatograph with electron capture detector, columns, injectors, filters, and tubing complete with recorder and disc integrator, to be used to determine the residues in the soil resulting from the application of weed killers	Agronomy	Wilkens Instrument & Research, Inc., Walnut Creek, Calif.	2 802 30 f.o.b. delivered
One furnace, high temperature, with pneumatic motor, safety system, and sighting bracket, to be used in the study of the effect of firing (heating) in the range of 3,500 to 4,000 degrees Fahrenheit on the optimization of properties of refractories	Ceramic Engineering	Bickley Furnaces, Inc., Philadelphia, Pa.	7 832 95 f.o.b. delivered
One recorder, tape, FM portable, with four record channels and four playback channels, dynamic braking on all modes of operation, electronic phase lock from tone wheel for speed control, calibration unit for adjusting the instrument while in place, speeds of 30, 15, 3½, and 1¼ in. per second, signal to noise ratio never less than 42 db. (Note: This purchase is made from both Appropriated Funds, \$1,210, and Institutional Funds, \$5,600, for a total of \$6,810.)	Chemistry and Chemical Engineering	Minneapolis-Honeywell Regulator Co., Harvey	5 600 00 f.o.b. delivered
Three spectrophotometers, power supply, hydrogen lamp, test tube holders, temperature regulation assembly, 48 autotransformers and 2,850 ft. of plastic laboratory tubing for stock in the General Chemical Stores; this is an estimated three-month supply	General Chemical Stores	Schaar Scientific Co., Chicago	7 250 00 f.o.b. delivered
One lot of laboratory apparatus and supplies, estimated to be a three-month supply	General Chemical Stores	E. H. Sargent & Co., Chicago	93 103 09 f.o.b. delivered
One carrier system (power amplifiers), four-channel, to furnish additional driving power for existing recording oscillograph system	Civil Engineering	Consolidated Electrodynamics, Chicago	3 972 00 f.o.b. Pasadena, Calif.
One shadow box mount			
100 racks circuit card relay files for standard relay rackmounts for 30, 22-pin connectors at 9/16 in. centers to mount 3.9-in. board with foot dimensions of 0.18 in.; connectors not included; delete guide foot spacers and stainless steel rods	Digital Computer Laboratory	Applied Development Corp., Monterey Park, Calif.	2 905 00 f.o.b. Monterey Park, Calif.
50,000 diodes, silicon	Digital Computer Laboratory	Texas Instruments, Inc., St. Louis, Mo.	7 000 00 f.o.b. Dallas, Texas
System of five power supply units, d.c., silicon controlled rectifier design, output voltage 2 to 20 volts continuously, 20 volts d.c. 600 amps. d.c. output, current of one supply: minimum 50 amps. and maximum 120 amps.	Digital Computer Laboratory	NJE Corp., c/o Ridgway Associates, Inc., Chicago	7 650 00 f.o.b. delivered
One special receiving system, including a two-frequency receiver, 360 mc. preamplifier, and two-frequency signal generator	Electrical Engineering	Smyth Research Associates, San Diego, Calif.	13 699 00 f.o.b. San Diego, Calif.
One preset electronic timer, with increments down to 0.1 seconds	Nuclear Engineering	Central Engineering Sales Co., Lombard	2 618 00 f.o.b. delivered
Three scalars, 6 decade, with 10 volt positive polarity			
One cabinet for mounting the above equipment as a unit			
One coincidence system, comprised of three coincidence channels with plug-in units and three linear amplifiers, for use in a study of the beta spectrum from fission	Nuclear Engineering	Central Engineering Sales Co., Lombard	4 335 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One lathe, toolroom engine type, 18 in. between centers, 12-in. swing over bed with variable spindle speeds and variable power feed	Physics	Hardinge Brothers, Inc., Chicago	\$ 7 375 00 f.o.b. delivered
Seven single crystals of highest purity anhydrous lanthanum trichloride to be used in measurements of electron spin relaxation times	Physics	Semi-Elements, Inc., Saxonburg, Pa.	3 300 00 f.o.b. delivered
One amplifier, vibrating reed type, with 10 c.p.s. response and gain of 2 by 10 ³ , stability of 1 by 10 ⁻¹² amperes zero drift per hour	Physics	Applied Physics Corp., Chicago	3 550 00 f.o.b. delivered
Two electrometers, vibrating reed type, ten input ranges of 1 millivolt to 30 volts, capable of detecting 10 ⁻¹⁷ amperes, 5 by 10 ⁻¹⁸ coulombs and .02 millivolts	Physics	Applied Physics Corp., Chicago	4 090 00 f.o.b. delivered
Two multiple resistor switches for use with above with three input resistors of 10 ³ , 10 ⁴ , and 10 ⁵ ohms			
Nine microscopes, phase contract with revolving nosepieces, condenser carrier with rack and pinions, square stages with built-on mechanical stages without graduation, but including inclined binocular bodies; less trade-in of three obsolete microscopes (Note: This purchase is made from both Institutional Funds, \$4,176.45, and Appropriated Funds, \$2,691.96, for a total of \$6,868.41.)	Physiology and Biophysics Zoology	W. H. Kessel & Co., Chicago	4 176 45 f.o.b. delivered
Four oscilloscopes, dual-beam, sensitivity 200 microvolt/cm to 20 v/cm; d.c.-coupled, both beams, differential input at all sensitivities; calibrated sweep 1 microsecond/cm to 5 sec/cm; x-y curve tracing with two beams; range of d.c. to 100 kc. increasing to d.c. to 1 mc.	Physiology and Biophysics	Tektronix, Inc., Park Ridge	4 200 00 f.o.b. Beaverton, Ore.
Four recorder assemblies, each to be two-channel, expandable to six-channel, ink curvilinear recording, 2 per cent linearity, 2 microvolt/mm input, d.c. to 150 c/s frequency response; 200 packs recording paper	Physiology and Biophysics	Beckman Instruments, Inc., Spinco Division, Lincolnwood	9 810 00 f.o.b. delivered
18,300 pounds of clams, soft shell (<i>Mya Arenaria</i>), shucked but intact, packed in number 10C enamel cans, and refrigerated for delivery in four shipments to the Quartermaster Corps Radiation Center in Natick, Massachusetts	Veterinary Medicine	Maryland Clam Co., Inc., Easton, Md.	11 300 25 f.o.b. delivered
One laboratory glassware washer, fully automatic with spindle headers which direct a high-speed jet water stream into the glassware	Veterinary Medicine	Better Build Machinery Corp., New York, N.Y.	3 036 00 f.o.b. delivered
Print and bind six issues of <i>Illinois Teacher of Home Economics</i> , 4,000 copies per issue, approximately 48 pages per copy, trim size 8½ in. by 11 in.	Home Economics Education	Cushing-Malloy, Inc., Ann Arbor, Mich.	3 450 00 f.o.b. Ann Arbor, Mich.
University's share of program for the acquisition, cataloging, and preparation of printed catalog cards for publications received from India and Pakistan under the Public Law 480 Program covering the period July 1, 1963, through June 30, 1964	Library	Library of Congress, Washington, D.C.	6 500 00
Tabulating forms for use on IBM-type 407 accounting machines and IBM-type 1403 printers in the following sizes and quantities: 70,000 sets, overall size 14 ½ in. wide by 11 in. long 120,000 sets, overall size 10 ½ in. wide by 11 in. long 75,000 sets, overall size 8 ½ in. wide by 11 in. long	Statistical Service Unit	Moore Business Forms, Inc., Danville	2 776 65 f.o.b. delivered
Print and bind 1,500 copies of <i>National Party Platforms, 1840-1960</i> , by Kirk Porter and Donald B. Johnson, approximately 656 pages per copy, trim size 7¾ in. by 10 in.	University Press	Braun-Brumfield, Inc., Ann Arbor, Mich.	3 861 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Thirty-one films, 16 mm. miscellaneous, color and black and white	Visual Aids Service	Coronet Films, Chicago	\$ 3 915 00 f.o.b. delivered
Thirteen films, 16 mm. color, "Your Career" series	Visual Aids Service	Modern Learning Aids, Chicago	2 730 00 f.o.b. delivered
64 air filters in 65 ft. continuous lengths and in widths of 3 ft., 4 ft., and 5 ft., to be used in air filtering machines in various areas of the Assembly Hall	Assembly Hall	Air Filter & Equipment Co., Chicago	2 706 00 f.o.b. delivered
125 dozen sheets, bed, 63 in. by 108 in., type 140	Housing Division	Karoll's, Inc., Chicago	2 917 50 f.o.b. delivered
125 dozen pillowcases, 42 in. by 36 in., type 140			
30 cases containers, pint size, with lids	Office Supply Storeroom	Levin Brothers Paper Corp., Chicago	13 905 25 f.o.b. delivered
621 cases cups, hot and cold drink and souffle, various sizes			
110 cases lids, various sizes, for above cups			
110 cases straws, soda and malt			
100 cases caps, paper, self adjusting			
120,000 sandwich bags, waxed			
For Office Supply Storeroom stock; this is a ten to twelve-month supply			
Tape, magnetic recording, acetate base, as follows:	Office Supply Storeroom	Melvin Electronics, Chicago	3 624 96 f.o.b. delivered
2,400 rolls 1200 ft. each			
432 rolls 600 ft. each			
Fifty-five panelboards, necessary panel-board trim, and 324 circuit breakers for the Physical Plant Storeroom stock to be used for remodeling and upgrading of various electrical systems around the Urbana campus; this is an estimated six-month supply	Physical Plant	Westinghouse Electrical Supply, Danville	4 268 76 f.o.b. delivered
One camera, high speed, 16 mm. 100 ft. capacity, 150 to 6,000 pictures per second, with timing light, automatic cutoff at end of film, record oscillographic trace and picture image simultaneously, two 50 mm. F 2.0 lenses, two-sided rotating prism, shutter speed 1/30,000 second at 6,000 pictures/second	Agricultural Engineering	Behrend's, Inc., Chicago	3 760 00 f.o.b. delivered
One control unit			
One exposure meter			
One lens, 35 mm. F 2.0, picture image			
Furnish and install:	Agronomy	Thomas A. Edison Industries, Peoria	9 408 00 f.o.b. delivered and installed
Twenty dictating machines, fully transistorized, desk model, complete with dictating accessories			
Twelve transcribing machines, fully transistorized, desk model, complete with transcribing accessories			
Less trade-in of ten dictating machines and six transcribing machines			
One planchet counting system, with automatic low background and time printout, consisting of the following components: one sample changer, one printing timer, one scaler, sample pans and one betareference standard radioisotope	Agronomy	Nuclear-Chicago Corp., Des Plaines	6 053 50 f.o.b. delivered
One program system control center consisting of program selector assembly; timer assembly; plug-in line cords, plugs, and sockets; strip chart 12-in. potentiometer recorder; and silicon controlled rectifier power unit, 3KVA output at 25 amps. maximum	Ceramic Engineering	Barber-Colman Co., Industrial Instruments Division, Chicago	3 534 99 f.o.b. delivered
One radio frequency unit with matching probe, one crystal for modifying above for study of lithium, and one probe insert for above crystal, to be used to study the nuclei of lithium and phosphorous	Chemistry and Chemical Engineering	Varian Associates, Palo Alto, Calif.	3 500 00 f.o.b. delivered

(Note: This purchase is made from both Institutional Funds \$3,500.00, and Appropriated Funds, \$2,326.95, for a total of \$5,826.95.)

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One spectrophotometer with range of 1750 to 8000 angstroms repetitive scan, program timer, mercury arc assembly, thermostable absorption cell compartment, absorptivity recorder and wavelength marker pen for qualitative and quantitative studies of any ultraviolet or visible absorbing material in studies of kinetics and structure determinations of purine type compounds	Chemistry and Chemical Engineering	Applied Physics Corp., Monrovia, Calif.	\$ 15 175 00 f.o.b. delivered
One ultracentrifuge, preparative, refrigerated, and with vacuum system complete with high-capacity angle head rotor and high-capacity swinging bucket rotor, to be used in separating a lipoprotein component from the electron-transport complex	Chemistry and Chemical Engineering	Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.	9 797 00 f.o.b. delivered
Two X-ray generators and controls, 60 kvp., 50 ma., adaptable for X-ray spectrograph with tubehousing, shutters, filter selector discs and rectifiers, but excluding X-ray tubes, less trade-in of five X-ray generators with tubes	Chemistry and Chemical Engineering	Philips Electronic Instruments, Chicago	9 275 00 f.o.b. delivered
Two X-ray diffraction tubes (one copper and one cobalt target)			
One film illuminator and measuring device			
Five track and bracket assemblies			
One lot chemical solvents to be used as standard stock in the General Chemical Stores for the fall and winter term of 1963-64	General Chemical Stores	F. P. Jay Chemicals, Inc., Waukesha, Wis.	5 010 77 f.o.b. delivered
435 items laboratory chemicals to be used as stock in the General Chemical Stores for the fall and winter term of 1963-64	General Chemical Stores	J. T. Baker Chemical Co., Chicago Mallinckrodt Chemical Works, St. Louis, Mo. General Chemical Division, Allied Chemical Corp., Chicago Fisher Scientific Co., Chicago Quinton Co., Division of Merck & Co., Inc., Rahway, N.J. F. P. Jay Chemicals, Inc., Waukesha, Wis.	9 406 44 6 742 78 4 446 57 2 537 70 1 882 08 596 10 (25 611 67) delivered
One microwave sweep oscillator, 8.2 to 12.4 GC, 10 MW output, with power leveler; to be used in the Coordinated Science Laboratory in conjunction with federal research projects	Coordinated Science Laboratory	Hewlett-Packard Co., c/o Crossley Associates, Inc., Chicago	3 090 00 f.o.b. Palo Alto, Calif.
One X-ray diagnostic system consisting of power supply and tube, cine fluoroscope, and body section radiographic equipment, to be used in the study of the effect of speech and mastication on the jaw joint	Dental Radiology, Chicago	General Electric Co., X-Ray Department, Milwaukee, Wis.	62 075 00 delivered
5,000 transistors, 15 volt, epitaxial, mesa PNP, germanium, switching	Digital Computer Laboratory	Motorola Semiconductor Products, Inc., Chicago	3 250 00 f.o.b. Phoenix, Ariz.
1,000 hours special engineering services for design and fabrication of special electronic equipment for ultrasonic research	Electrical Engineering	Lechner Manufacturing Co., Champaign	7 000 00 f.o.b. Champaign
One lathe, toolroom, precision, high speed, 11-in. swing over bed and 18-in. distance between centers, with collets, chucks, taper turning attachment, and micrometer carriage stop	Electrical Engineering	Hardinge Brothers, Inc., Chicago	7 798 00 f.o.b. delivered
One ultra-microtome with stereomicroscope attachment for use in general laboratory work in the Entomology Department	Entomology	Ivan Sorvall, Inc., Norwalk, Conn.	3 427 50 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One hexotherm apparatus for use in studies of growth and metabolic responses of psychrophilic microorganisms using a given inoculum or cell suspension	Food Science	American Instrument Co., Inc., Barrington	\$ 7 682 50 f.o.b. Silver Spring, Md.
One manometer, special, multiple tube, portable, back lighted, suitable for photographic recording techniques, to be used to measure several pressures simultaneously on equipment placed in an existing wind tunnel	Mechanical and Industrial Engineering	Carl F. Gast Co., St. Louis, Mo.	3 397 00 f.o.b. delivered
Furnish engineering, materials, and labor to fabricate a steam jet ejector unit, capacity to be 5 lb/hr 100° F. dry air, over-all dimensions not to exceed 43 ft. 3 in. in length and 9 ft. 6 in. in width (Note: This purchase is made from both Institutional Funds \$15,475.00, and Appropriated Funds, \$15,475.00, for a total of \$30,950.00.)	Mechanical and Industrial Engineering	Worthington Corp., Chicago	15 475 00 f.o.b. delivered
Furnish engineering, materials, and labor to fabricate a test chamber, 6 ft. 1 in. diameter by 6 ft. long (Note: This purchase is made from both Institutional Funds, \$4,216.50, and Appropriated Funds, \$4,216.50, for a total of \$8,433.00.)	Mechanical and Industrial Engineering	Nooter Corp., St. Louis, Mo.	4 216 50 f.o.b. St. Louis, Mo.
One electrophoresis apparatus with slit-cylinder lens system for schlieren and interference measurements, polaroid land-camera back, internal power supply and self-contained refrigeration system	Microbiology	The Perkin-Elmer Corp. La Grange	8 843 00 f.o.b. delivered
One tape-to-plotter conversion system	Physics	Microdyne, Inc., Wheeling	5 082 00 f.o.b. delivered
One each, single crystals, silver and gold, 99.999 per cent purity, large enough so that six specimens may be obtained from each single crystal with orientations and lapping	Physics	Semi-Elements, Inc., Saxonburg, Pa.	3 476 00 f.o.b. Saxonburg, Pa.
19,500 cc. high purity helium gas ³ at standard temperature and pressure, supplied in three containers, each of 6,500 cc.	Physics	Gaseous Isotopes Sales, Monsanto Chemical Co., Mound Laboratory, Miamisburg, Ohio	3 240 00 f.o.b. Miamisburg, Ohio
One high-speed digital magnetic tape unit consisting of four magnetic tape drives which shall be electrically and mechanically compatible with the connections provided for interconnection of a Control Data Corporation 1607 to CDC types 1604 and 160-A computers, located at the University of Illinois, to be factory reconditioned with a new unit warranty, including all maintenance and parts for a period of ninety days from date of acceptance	Physics	Control Data Corp., Melrose Park	50 000 00 f.o.b. Minneapolis, Minn.
Care and maintenance of dogs and cats in a special private animal room, 250 sq. ft., completely weatherproofed, air conditioned, and heated, with a maximum permissible temperature range of 70° to 80° F; facilities must be capable of handling a maximum of 16 dogs and 24 cats simultaneously; however, the average daily number will be five dogs and five cats, for the period October 1, 1963, through June 30, 1965, as part of a special neurophysiological research project sponsored by the United States Public Health Service and the Corn Products Institute of Nutrition	Psychology	Dr. Russell Beaumont, Veterinarian, Urbana	3 500 00 f.o.b. delivered
Two recorders, oscillograph, direct recording with interchangeable pre-amplifiers, two channels wired for six channels, high sensitivity	Psychology	Spinco Division, Beckman Instruments, Inc., Lincolnwood	8 925 50 f.o.b. delivered
One ditto, except four channels, wired for six channels			f.o.b.
Twenty-two films, 16 mm., miscellaneous black and white and color, less return of damaged prints	Visual Aids Service	Encyclopaedia Britannica Films, Inc., Wilmette	3 360 00 f.o.b. Wilmette

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Print and bind 10,000 copies of <i>Robert Allerton Park</i> brochure, trim size 9 in. by 12 in., approximately forty pages per copy	Allerton House	Neely Printing Co., Inc., Chicago	\$ 2 965 00 f.o.b. delivered
One spectrophotometer, recording range 1750-8000 Å with ten rectangular cylindrical, and semi-micro cells for use in the separation and purification of cell membrane proteins of <i>Escherichia Coli</i>	Chemistry and Chemical Engineering	Applied Physics Corp., Monrovia, Calif.	12 480 00 f.o.b. delivered
One stained glass window panel, French thirteenth century, size 69½ in. high by 27½ in. wide, from Semur-en-Auxois, consisting of two circular medallions topped by a lunette; the medallions are flanked on four sides by fleur-de-lis and surrounded by wine-leaf border	Krannert Art Museum	French & Co., Inc., New York, N.Y.	6 400 00 f.o.b. delivered
Furnish and install seventy-four auxiliary sun control draperies, complete with hardware, in the Student Services Building	Physical Plant, Architect's Division	Crossroads Interiors, Urbana	4 967 10 f.o.b. delivered and installed
Two aircraft, used, 1963 model, Cessna 150, complete with all standard equipment plus Narco superhomer navigation equipment, rotating light beacon, ammeter and 35 ampere generator; less credit for trade-in of one aircraft, model L-18 Lockheed, twin engine, complete with communication and navigation equipment	Institute of Aviation	Walston Aviation, Inc., East Alton	3 276 00 f.o.b. delivered

On motion of Mrs. Watkins, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(21) The Comptroller's report of contracts executed during the period August 1 to 31, 1963.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
National Academy of Sciences — Highway Research HR 63-4-1	Development of appropriate methods for evaluating the effectiveness of stabilizing agents	\$ 65 000 00	June 1, 1963
National Academy of Sciences — Highway Research HR 63-6-5	Physical factors influencing resistance of concrete to deicing agents	72 500 00	March 1, 1963
National Aeronautics and Space Administration NsG-443	Experimental test of general relativity	180 000 00	July 1, 1963
National Aeronautics and Space Administration NsG-504	Investigate electron density and collision frequency in the lower regions of the ionosphere	155 540 00	August 1, 1963
United States Air Force AF33-(608)-923	Provide instruction for approximately 84 students	65 100 00	July 1, 1963
United States Army DA-18-108-AMC-183(A)	Mechanism of action of various psychotomimetic agents	41 429 00	June 10, 1963
United States Army OI-11-070-003-09998	Acquisition of dynamometer	3 470 00	June 29, 1963
United States Department of Health, Education, and Welfare OE-4-10-008	Acceleration of intellectual development in early childhood	73 981 00	July 1, 1963
United States Department of the Interior — National Park Service 14-10-0529-2743	Archeological survey and site salvage of the Shelbyville reservoir area and Henderson River flood control project	6 000 00	June 25, 1963
United States Navy N228-61998	Instruction of officer students	5 500 00	June 25, 1963
<i>Total</i>		<u>\$668 520 00</u>	
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Joseph C. Munch, States Attorney of Moultrie County	Payment in lieu of taxes, for services rendered (Hackett property)	\$ 1 070 78	April 9, 1963

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Commercial National Bank of Peoria (renewal)	Rental of rooms 718-722, seventh floor, Central National Bank Building premises, Peoria, from July 1, 1963, to June 30, 1965, for Division of Services for Crippled Children	\$ 6 480 00 (\$270.00 per month)	July 1, 1963
G. W. and Mattie Lee Filberth (renewal)	Rental of two-room suite, second floor, 719 Main Street, Mount Vernon, from July 1, 1963, to September 30, 1963, for Division of Services for Crippled Children	195 00 (\$65.00 per month)	July 1, 1963
Cyril J. Hovey, Jr. (renewal)	Rental of three-room suite, first floor, 414 East Main Street, Olney, from July 1, 1963, to June 30, 1965, for Division of Services for Crippled Children	2 400 00 (\$100.00 per month)	July 1, 1963
V. W. Hurlbert (renewal)	Rental of four rooms, first floor, 602 South Broadway, Urbana, from July 1, 1963, to June 30, 1965, for Division of Services for Crippled Children	2 640 00 (\$110.00 per month)	July 1, 1963
International Business Machines Corp.	Thirteen items: one calculator; one interpreter; one reproducer; twenty-five keypunches; two telephone signal units; one card proving punch; one memory unit; one overlap feature for 1401; one data channel; one data channel console; one nondata select trap	37 252 80	March, April, July, and August, 1963
Herman Lippold	Rental of two-room suite, first floor, 223 South Broad Street, Carlinville, from July 1, 1963, to June 30, 1965, for Division of Services for Crippled Children	1 920 00 (\$80.00 per month)	July 1, 1963
Henry S. Miller, Agent (renewal)	Rental of suite 602, sixth floor, 101 South Fifth Street, Springfield, from July 1, 1963, to June 30, 1965, for Division of Services for Crippled Children	3 960 00 (\$165.00 per month)	July 1, 1963
National Warm Air Heating and Air Conditioning Association (renewal)	Rental of 1014 Lincolnshire Drive, Champaign, from July 1, 1963, to August 31, 1964, for Small Homes Council-Building Research Council	3 500 00 (\$250.00 per month)	July 1, 1963
119 North Church Street Building Corp. (renewal)	Rental of four-room suite, second floor, 119 North Church Street, Rockford, from July 1, 1963, to June 30, 1965, for Division of Services for Crippled Children	6 120 00 (\$255.00 per month)	July 1, 1963
Jacob E. and Gladys W. Reisch (renewal)	Rental of premises at 1105 South Sixth Street, Springfield, from July 1, 1963, to June 30, 1965, for Division of Services for Crippled Children	13 200 00 (\$550.00 per month)	July 1, 1963
Security Abstract & Title Co. (renewal)	Rental of six-rooms, second floor, 10 West Washington Street, Belleville, from July 1, 1963, to June 30, 1965, for Division of Services for Crippled Children	6 240 00 (\$260.00 per month)	July 1, 1963
Sycle & Keefe, Inc.	Rental of three-rooms, first floor, 1510 North Main Street, Bloomington, from July 1, 1963, to June 30, 1965, for Division of Services for Crippled Children	3 000 00 (\$125.00 per month)	July 1 1963
Charles D. Taylor	Rental of space, first floor, 516-520 South McKinley Street, Harrisburg, from July 1, 1963, to June 30, 1965, for Division of Services for Crippled Children	3 000 00 (\$125.00 per month)	July 1, 1963
Theo Wells	Rental of concrete-block building, 608 West Tenth Street, Metropolis, from June 1, 1963, to June 30, 1963, for zoonoses research	200 00	June 1, 1963
Theo Wells (renewal)	Rental of concrete-block building, 608 West Tenth Street, Metropolis, from July 1, 1963, to August 31, 1963, for zoonoses research	400 00 (\$200.00 per month)	July 1, 1963
<i>Total</i>		<u>\$ 90 507 80</u>	

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Gas Association	Corrosion of steels buried in soils	\$10 000 00	January 16, 1963
Dawe's Laboratories, Inc.	Amino acids in poultry nutrition	1 000 00	July 8, 1963
Illinois Archaeological Survey	Archaeological salvage work	1 665 00	August 15, 1963
The Institute of Boiler and Radiator Manufacturers	Performance of steam and hot water heating systems	35 740 00	July 1, 1963
Moorman Manufacturing Co.	Pig starter rations	2 600 00	July 31, 1963
National Aeronautics and Space Administration NsG-24-59	Electron content and variations in the upper ionosphere	119 083 00	July 1, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-2	Highway problems	16 500 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-5	Riveted and bolted structural joints	11 000 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-9	Impact on highway bridges	25 000 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-10	Prestressed reinforced concrete highway bridges	29 500 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-12	Soil exploration and mapping	30 000 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-46	Soil-aggregate mixtures for highway pavement	25 200 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-47	Chemical stabilization of soils	7 500 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-53	Vehicular speed regulation	27 000 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-58	Equipment for roadside cover	18 500 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-59	Highway medians	20 000 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-64	Welded highway structures	26 000 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-65	Drainage laws and practices	16 000 00	May 29, 1963

<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 Works and Buildings, Division of Highways IHR-66	Woody ground cover	\$13 500 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-67	Grasses and their establishment	12 000 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-68	Guide lines for appraisals	3 000 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-69	Traffic-linkage patterns	6 000 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-70	Social factors and traffic	10 100 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-71	Impact on urban real estate values	20 000 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-72	Creep in structural concrete	17 500 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-73	Fatigue failure in concrete	17 500 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-75	Seal coats and surface treatments	14 500 00	May 29, 1963
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-76	Lime stabilization of soils	17 000 00	May 29, 1963
United States Air Force AF33(657)-11715	Dynamic characteristics of skin-stiffener panels	11 712 00	August 9, 1963
United States Army DA-49-193-MD-2047	Anti-radiation drugs	24 948 00	June 28, 1963
United States Navy NObs-86112	Pressure vessel design	7 000 00	July 23, 1963
<i>Total</i>		<u>\$597 048 00</u>	

Adjustments Made in 1962-63 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Harry F. Fisher (Plastering)	Twelve items: \$117.85 deduct to \$287.59	\$ 440 89	July, 1963

Adjustments Made in 1963-64 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
George S. Grimmatt (Plastering)	Thirty-three items: \$25.00 to \$3000.00	\$ 8 415 00	July and August, 1963

Summary

Total amount to be paid to the University.....	\$1 265 568 00
Total amount to be paid by the University.....	100 434 47

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(22) The Comptroller presented his quarterly report to the Board as of June 30, 1963.

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

INVESTMENT REPORT**Report of the Finance Committee**

(23) The Finance Committee reported the following changes in investments of endowment funds for the month of July, 1963:

Endowment Pool

Purchase

\$ 65 000	U. S. Treasury bonds	4 per cent	8/15/72	\$ 65 043 75
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Miller Temporary Endowment

Sale

500 rts	Consolidated Edison			\$ 187 42
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Report of the Comptroller

The Comptroller reported the following changes in investments of unexpended plant and current funds, over which he has authority as indicated:

Current Funds

Restricted Group (June 20, 1962)

Purchase

\$1 000 000	U. S. Treasury bills	9/26/63	\$994 855 00
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Construction Funds

Assembly Hall (June 23, 1959, and March 17, 1962)

Purchase

\$ 175 000	U. S. Treasury bills	10/17/63	\$173 588 87
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Illini Union and Health Center (December 21, 1960)

Purchase

\$ 78 000	U. S. Treasury bills	10/17/63	\$ 77 373 01
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Illinois Street Residence Halls (October 17, 1962)

Sale

\$ 6 000	U. S. Treasury bills	7/15/63	\$ 5 996 50
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Purchase

\$ 45 000	U. S. Treasury bills	12/12/63	\$ 44 415 40
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Orchard Downs and SG-2 (June 14, 1960)

Sale

\$ 65 000	U. S. Treasury bills	7/15/63	\$ 64 945 83
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Purchase

\$ 120 000	U. S. Treasury bills	10/17/63	\$119 035 40
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Orchard Downs Addition (May 24, 1962)

Sale

\$ 8 000	U. S. Treasury bills	7/18/63	\$ 7 993 22
45 000	U. S. Treasury bonds	2½ per cent 8/15/63	44 971 88

Purchase

\$ 75 000	U. S. Treasury bills	9/12/63	\$ 74 643 75
25 000	U. S. Treasury bills	10/24/63	24 800 63

Pennsylvania Avenue Residence Halls (June 21, 1961)

Purchase

\$ 68 000	U. S. Treasury bills	9/19/63	\$ 67 628 87
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Student Services Building (May 17, 1961)

Purchase

\$ 40 000	U. S. Treasury bills	9/19/63	\$ 39 781 69
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Sinking Funds

Housing Revenue Bonds (December 17, 1958; June 23 and October 21, 1959; June 14, 1960; June 21, 1961; and May 24 and October 17, 1962)

Purchase			
\$ 46 000	U. S. Treasury bills	9/19/63	\$ 45 497 78

(The following transactions took place in previous periods, but they have not yet been reported.)

Assembly Hall (June 23, 1959)

Purchase			
\$ 22 000	U. S. Treasury bills	3/21/63	\$ 21 847 41
25 000	U. S. Treasury bills	9/19/63	24 726 11

Women's Residence Halls of 1956 (September 18, 1956, and February 15, 1961)

Sale			
\$ 1 000	U. S. Treasury notes	3¾ per cent 8/15/64	\$ 1 010 91

On motion of Mr. Williamson, this report was accepted for record.

**CONGRESS CIRCLE CAMPUS LAND TRANSFERS TO AND FROM
COMMONWEALTH EDISON COMPANY**

(24) At its April 17, 1963, meeting, the Board of Trustees authorized an arrangement with Commonwealth Edison Company whereby that company will contribute to the cost of certain work to be done by the University in erecting a screening wall around Commonwealth Edison's Vernon Park Substation in the area of the Congress Circle Campus and in refacing parts of the southerly portion of the substation building. At that time it was recognized that transfers of land between the University and Commonwealth Edison might be required to accomplish the work.

It has now been determined that the proper placement of the University's screening wall requires the acquisition by the University of approximately 106 square feet of land from the Commonwealth Edison Company at the northeast corner of its Vernon Park Substation which that Company is willing to sell to the University. It has also been determined that the refacing of the southerly portion of the substation wall will cause the same to encroach upon the University's property by approximately 106 square feet and Commonwealth Edison Company has requested that this area be sold to them. The Department of Urban Renewal of the city of Chicago has approved the sale of this land to Commonwealth Edison, as required by the University's contract with the City. A sales price of \$1.008 per square foot (the price at which the University acquired its property from the City) has been negotiated for each of the proposed transfers.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the foregoing purchase and sale transactions with Commonwealth Edison Company be authorized. Funds for the purchase are available in the State capital appropriations to the University from the Universities Building Fund.

I concur and recommend the adoption of the following resolution:

Resolution

Be It, and It Hereby Is Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this Corporation are authorized and directed to execute, acknowledge, and deliver, in the name and on behalf of this Corporation, a quitclaim deed and such other instruments of conveyance, contract, or other documents, and to provide such evidence of insurance of title, as to them may seem necessary or desirable in order to convey and quitclaim to Commonwealth Edison Company, an Illinois corporation, its successors and assigns, this Corporation's interest in and to the following described property, consisting of approximately 106 square feet located in the City of Chicago, County of Cook, and State of Illinois, upon payment by said Commonwealth Edison Company to this Corporation of the sum of \$106.85 as the consideration therefor:

A tract of land in the East half of the Southeast quarter of Section 17, Township 39 North, Range 14 East of the Third Principal Meridian, in the City of Chicago, County of Cook, State of Illinois, described as follows:

Beginning at a point on the West line of South Peoria Street (60 feet wide) which is 226.62 feet South of the North line of Lot 12 in the Subdivision of Block 2 of Canal Trustees' Subdivision in said Section 17 (3366.00N. - 562.53W.); thence North 90° 00'-00" East along the Grid Coordinate line 3366.00 North, a distance of 0.64 feet to the Grid Coordinate Line 561.89 West (3366.00N. - 561.89W.); thence South 00° 00'-00" West along the Grid Coordinate Line 561.89 West, a distance of 74.31 feet to the Grid Coordinate Line 3291.69 North (3291.69N. - 561.89W.); thence South 90° 00'-00" West along the Grid Coordinate Line 3291.69 North, a distance of 103.22 feet to the Grid Coordinate Line 665.11 West (3291.69N. - 665.11W); thence North 00° 00'-00" East along the Grid Coordinate Line 665.11 West, a distance of 104.78 feet to the Grid Coordinate Line 3396.47 North (3396.47N. - 665.11W); thence North 90° 00'-00" East along the Grid Coordinate Line 3396.47 North, a distance of 0.31 feet to the West line of Lots 1 to 12, both inclusive, in the Subdivision of Block 2, aforesaid (3396.47N. - 664.80W.); thence South 00° 03'-09" West along the West line of said Lots 1 to 12, both inclusive, a distance of 104.61 feet to the North line of West Vernon Park Place (3291.86N. - 664.90W.); thence North 89° 52'-14" East along the North line of West Vernon Park Place, a distance of 102.31 feet to the West line of South Peoria Street (3292.09N. - 562.59W.); thence North 00° 02'-39" East along the West line of South Peoria Street, a distance of 73.91 feet to the point of beginning. Containing 106 Square Feet, more or less.

Note: The coordinates given in parentheses following the description of each point are based upon the University of Illinois, Congress Circle, Rectangular Coordinate System.

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

EASEMENTS AND LICENSES RELATING TO CONGRESS CIRCLE CAMPUS

(25) The University's contract with the city of Chicago for the acquisition of the Congress Circle Campus site provides that certain public streets through and adjoining the campus will remain open and contemplates that the University will receive easements across some of these streets for pedestrian bridges and underpasses and for University utility lines. The city of Chicago has passed appropriate ordinances authorizing the grant of these easements to the University. Receipt of the formal easement documents is expected in the near future.

The acquisition contract also provides for the closing of other public streets and alleys, but permits the City to convey title to the University subject to necessary easements for underground utilities. Many of the existing city and public utility lines to remain on the site are situated in areas that were public streets and alleys which were vacated by ordinances of the city immediately prior to the conveyances to the University. These vacation ordinances reserve easements to the City and to utility companies to enable them to operate, maintain, replace, and renew existing service facilities at their present locations in the vacated streets and alleys, such easements to terminate upon the abandonment or release of the facilities or upon their relocation outside the vacated street or alley. In addition, the vacation ordinances for the streets and alley surrounding the Commonwealth Edison Company's Vernon Park Substation reserve to that company the right of access to the substation. The easements reserved in the vacation ordinances are in favor of the city of Chicago for its water, sewer, and fire alarm system lines; the Peoples Gas, Light, and Coke Company for its gas lines; the Commonwealth Edison Company for its electric lines (and access to its substation as noted above); and the Illinois Bell Telephone Company for its telephone lines. Descriptions of the specific locations of the utility lines in the vacated streets and alleys are being developed, and when these are available it is contemplated that the City and the various utilities will relinquish their rights in the portions of the vacated streets and alleys not required for the maintenance of the existing lines to remain in place.

In addition to the above easements reserved in the vacation ordinances, the City and the various utility companies will require new easements from the University so that certain utility lines can be relocated or routed over the site to accommodate the University's construction. For that portion of its fire alarm system that will be located in the University's utility tunnel, the City will require a license from the University. The locations of these new easements and licenses have been developed by the University's architects and engineers in cooperation with the City and each of the utilities involved. Also it may become desirable to grant new easements at the time the City and public utilities relinquish some of the areas covered by the vacation ordinances.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that, with respect to the portion of the Congress Circle Campus site now owned by the University, easements or licenses be granted to the city of Chicago for its water, sewer, and fire alarm lines, to Commonwealth Edison Company for its electric lines and access to its Vernon Park Substation, to Peoples Gas, Light, and Coke Company for its gas lines, and to Illinois Bell Telephone Company for its telephone lines.

I concur and recommend adoption of the following resolution:

Resolution

Be It, and It Hereby Is Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this Corporation are authorized and directed to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of grant, conveyance, contract, or other documents as to them may seem necessary or desirable in order to grant to the grantees and for the purposes hereinafter designated, easements or licenses under, through, and across those parcels of real estate, located in the City of Chicago, County of Cook, and State of Illinois, conveyed to this Corporation by City of Chicago, a municipal corporation of the State of Illinois, (a) by a certain deed dated April 19, 1963, recorded May 3, 1963, with the Recorder of Deeds of Cook County, Illinois, as Document 18786647 and filed in the office of the Registrar of Titles, Cook County, as Document LR 2089129, and (b) by a certain deed dated July 18, 1963, recorded August 1, 1963, with the Recorder of Deeds of Cook County, Illinois, as Document 18871166. Said grantees and purposes are as follows:

(1) City of Chicago, a municipal corporation of the State of Illinois for the purpose of accommodating its underground water, sewer and fire alarm system lines and facilities, together with appropriate access thereto;

(2) Peoples Gas Light and Coke Company, an Illinois corporation, for the purpose of accommodating its underground gas lines and facilities, together with appropriate access thereto;

(3) Commonwealth Edison Company, an Illinois corporation, for the purpose of accommodating its underground electric lines and facilities, together with appropriate access thereto, and for the purpose of providing said grantee suitable ingress and egress to said grantee's property adjoining or within said parcels of real estate; and

(4) Illinois Bell Telephone Company, an Illinois corporation, for the purpose of accommodating its underground telephone lines and facilities, together with appropriate access thereto.

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

STATE LEGISLATION AFFECTING THE UNIVERSITY OF ILLINOIS

(26) There is presented for the information of the Board a list of Acts of the Seventy-third General Assembly of Illinois in its regular session of 1963 directly affecting the University, including the appropriations to the University.

I. Acts Relating to the Operating and Capital Budgets of the University

- Senate Bill 1025. Appropriates \$168,890,681 to provide for the operation of the University during the biennium of 1963-65:
 From the General Revenue Fund.....\$153 390 681
 From the University Income Fund..... 15 500 000
- House Bill 965. Appropriates \$192,000 for operation of the Institution of Tuberculosis Research.
- Senate Bill 1177. Declares certain building projects to be in the public interest pursuant to the Illinois Building Authority Act. Included are the following University of Illinois projects:
 Equipment for buildings constructed from Universities Building Fund.....\$ 4 799 500
 Land acquisition Urbana-Champaign..... 1 000 200
 Planning funds to complete architectural studies for Congress Circle..... 900 000
 Civil Engineering Building..... 4 216 000
 Veterinary Medicine Clinic..... 4 000 000
 \$ 14 915 700
- Senate Bill 1226. Appropriates \$5,108,840 to the Board of Trustees of the University of Illinois from the General Revenue Fund for permanent improvements:
 Remodeling, rehabilitation, and modernization of existing buildings.....\$ 2 900 000
 Improvements to protect life and property..... 258 840
 Extension of utilities..... 1 950 000
- Senate Bill 1221. Reappropriates \$74,400,000 from the Universities Building Fund to the Board of Trustees for capital improvements started in 1961-63. Includes new items of \$2,000,000 for an addition to the Biology Building and \$3,000,000 for an addition to the East Chemistry Building.
- Senate Bill 1233. Appropriates sums to various State Agencies to pay rentals to the Illinois Building Authority. Included was \$1,790,000 for the University of Illinois.

II. Other Legislation

- House Bill 137. Amends Sections 2 and 8 of the Fair Employment Practices Act. Provides that "employer" includes and means the state of Illinois and any political subdivision. Provides for oral argument before the Commission on review.
- House Bill 665. Prohibits the sale of alcoholic liquor within 1,500 feet of the campus of any state university. Exempts places of business selling beer only, which are in operation on the effective date of the act.
- House Bill 735. Appropriates \$80,000 to the Department of Agriculture to study the treatment and control of diseases of swine and livestock. Authorizes the Director of Agriculture to establish a swine disease control committee and requires the department to arrange for such research to be carried on and conducted by the College of Veterinary Medicine of the University of Illinois.
- House Bill 829. Amends the School Code to increase the number of teachers scholarships awarded per high school. Increases number of county scholarships from one to two per county. Provides for the use of both types of scholarships at any of the state universities.
- House Bill 842. Changes various provisions in the University of Illinois Retirement System Act including an increase in the maximum retirement annuity from 60 to 70 per cent, for those persons beyond age sixty with thirty-four or more years of service. The increase is at the rate of $1\frac{2}{3}$ per cent for each year of employment beyond age sixty.

- House Bill 1148. Amends an act regulating the Illinois Industrial University. Changes the name of the act to "An Act in Relation to the Regulation of the University of Illinois" and updates provisions to conform with present program of the University. Clarifies authority of the Board of Trustees to determine nature of military program offered.
- House Bill 1181. Authorizes the Teachers College Board to establish a branch of Northern Illinois University in the northern half of the state to provide vocational and technical training and to make provisions for furnishing of extension services by the University, subject to the approval of the State Board of Higher Education.
- Senate Bill 353. Amends Section 14 of and adds Section 14a to an Act in relation to state finance. Provides that upon the death of a state employee, his heirs shall be entitled to receive the sum for any accrued vacation period as would have been paid to such employee had he survived.
- Senate Bill 421. Amends Section 13 of an Act relating to state finance. Repeals the required itemization of appropriations based on each function and activity of state agencies.
- Senate Bill 434. Amends Section 35.6 of the Civil Administrative Code. Provides that all postage stamps purchased from state funds must be procured by the Department of Finance and perforated for identification purposes.
- Senate Bill 594. Appropriates \$96,500 to the Illinois Racing Board from the Agriculture Premium Fund for the purposes of research on equine diseases, the establishment of a development center, and for naming scholarships for study on equine diseases to students at the University of Illinois College of Veterinary Medicine.
- Senate Bill 731. Authorizes the University of Illinois and Southern Illinois University Boards of Trustees and the Teachers College Board to transfer jurisdiction of property to the Illinois Building Authority with the approval of the Governor.
- Senate Bill 754. Declares the construction of a Materials Research Laboratory for use by the Board of Trustees of the University of Illinois to be in the public interest.
- Senate Bill 802. Provides for the establishment of County Agricultural and Home Economics Extension Councils and County Extension Boards to cooperate with the University of Illinois College of Agriculture Cooperative Extension Service in conducting educational programs in agriculture. Authorizes extension of tax to finance same.
- Senate Bill 858. Extends powers of University of Illinois Police Department (at Urbana) to include same powers as policemen in cities, and sheriffs.
- Senate Bill 1043. Conveys certain real estate (Neuropsychiatric Institute) in Chicago to the Board of Trustees of the University of Illinois.
- Senate Bill 1044. Conveys certain real estate (site for Mental Health clinic) in Champaign County by the Board of Trustees of the University of Illinois to the state of Illinois.
- Senate Bill 1094. Amends Sections 1, 2, 3, and 4 of an Act to provide for the identification of state-owned vehicles to provide that the words "State of Illinois" in letters three inches high shall appear on the front doors of all state vehicles not specifically exempted from the Act, with the words "For official use" in letters two inches high to appear immediately below.
- Senate Bill 1098-99. Amends Section 14 of an Act in relation to state finance to authorize State universities to permit their employees to accept reduced compensation and receive in lieu thereof the payment of premiums on annuity contracts.

- Senate Bill 1161. Amends Sections 3, 5, 6, 7, and 9 of Illinois Building Authority Act to extend duties of the Authority and provide for the keeping of rental records. Provides that bonds must mature within forty years and increases maximum interest rate from 4 per cent to 5 per cent.
- Senate Bill 1173-74. Amends Section 1 of the Retailers Occupation Tax Act and Section 2 of the Use Tax Act. Deletes provisions that tax may be added to rental cost of personal property. Subjects sale of school books to the taxes.

This report was received for record.

CAPITAL APPROPRIATIONS FOR 1963-65

(27) The Seventy-third General Assembly appropriated funds for land, buildings, and other capital improvements at the University of Illinois for the biennium 1963-65:

From the General Revenue Fund for:

Remodeling, rehabilitation, and modernization of existing buildings	\$2 900 000
Improvements to protect life and property	258 840
Extension of utilities	1 950 000
<i>Total</i>	<i>\$5 108 840</i>

From the Universities Building Fund for:

Reappropriation of \$74,400,000 for capital improvements started in 1961-63; including new items of \$2,000,000 for an addition to the Biology Building and \$3,000,000 for an addition to the East Chemistry Building.

I recommend that the Board appropriate these funds for the purposes indicated as the funds become available, including the transfer from Contingencies to individual projects of such amounts as may become necessary within the total sum appropriated.

On motion of Mr. Swain, these appropriations and assignments of funds were approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Mr. Hughes, Mr. Kerner.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; appointments of fellows; resignations, declinations, and cancellations; leaves of absence; cancellations of sabbatical leaves of absence; retirements.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was approved by the President of the University. C = College; S = Station; E = Extension.)

- ABDELLA, MRS. G. A. CHRISTINA, Assistant in French, September 16, 1963-January 31, 1964, \$466.67 a month (8-3-63).
- ADDY, ALVA L., Assistant Professor of Mechanical Engineering (C), academic year beginning September 1, 1963, \$9,000 (7-24-63).
- ALEXANDER, JOHN R., JR., Instructor in Mathematics, academic year beginning September 1, 1963, \$7,500 (8-23-63).
- ALLHANDS, JESSIE, Instructor in Mathematics, academic year beginning September 1, 1963, \$5,600 (8-26-63).
- ALTENBERND, A. LYNN, Associate Professor of English and Executive Secretary of the Department of English, indefinite tenure from September 1, 1963, to render service during each academic year, \$10,100 a year (7-18-63).
- ANAND, SATISH CHANDRA, Research Associate in Agronomy (S), five months from September 1, 1963, \$6,500 a year (8-7-63).
- ANAST, BASIL P., Assistant Professor of Parasitology, Department of Medicine (Medicine), $\frac{4}{5}$ time, two years from September 1, 1963, \$6,880 a year (7-26-63).

- ANDERMANN, ROBERT E., Instructor in Art, academic year beginning September 1, 1963, \$5,700 (7-25-63).
- ANDERSON, RACHEL E., Assistant Editor in the University Press, $\frac{1}{2}$ time, one year from September 1, 1963, \$3,125 (7-18-63).
- ANDERSON, ROBERT W., Research Engineer in the Coordinated Science Laboratory (C), one year from September 1, 1963, \$11,500 (7-29-63).
- ANDERSON, WILLIAM L., Project Assistant in the State Natural History Survey (Graduate College), eleven months from August 1, 1963, \$6,580 a year, supersedes (8-8-63).
- ANDREWS, RICHARD D., Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine), one month from August 1, 1963, \$550 (7-25-63).
- ARCHER, WILLIAM K., Research Assistant Professor in the Institute of Communications Research, one year from September 1, 1963, \$10,000, supersedes (8-5-63).
- ARLON, ARY J., Instructor in Art, academic year beginning September 1, 1963, \$6,000 (7-18-63).
- ARNOLD, MARJORIE L., Research Associate in Chemistry, one year from September 1, 1963, \$7,000 (8-12-63).
- ATHINEOS, EMIL, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1963, \$5,150 (7-25-63).
- AZUMA, YASUO, Research Associate in Food Science (S), one year from September 1, 1963, \$6,200 (8-26-63).
- BANKS, RICHARD T., Instructor in Architecture, academic year beginning September 1, 1963, \$6,500 (7-29-63).
- BANKS, ROBERT B., Professor of Fluid Mechanics, indefinite tenure, and Dean of the College of Engineering, two years (Chicago Undergraduate Division), from September 1, 1963, \$21,000 a year (7-26-63).
- BARNARD, HERBERT M., Research Associate in the Coordinated Science Laboratory, $\frac{1}{2}$ time, and Instructor in Electrical Engineering, $\frac{1}{4}$ time (C), academic year beginning September 1, 1963, \$4,650 (8-14-63).
- BATEMAN, BARBARA, Research Assistant Professor in the Institute for Research on Exceptional Children, academic year beginning September 1, 1963, \$7,500 (8-8-63).
- BATEMAN, FELICE D., Assistant Professor of Mathematics, $\frac{2}{3}$ time, academic year beginning September 1, 1963, \$5,600 (8-26-63).
- BAUER, RUDOLF P., Instructor in German, academic year beginning September 1, 1963, \$6,300 (8-5-63).
- BAYER, RUDOLF, Research Assistant in the Digital Computer Laboratory, August 8-September 15, 1963, \$466.67 a month (8-5-63).
- BAYM, MRS. NINA Z., Instructor in English, academic year beginning September 1, 1963, \$6,800 (8-26-63).
- BEEVERS, LEONARD, Assistant Professor of Horticulture (C and S), September 16, 1963-August 31, 1964, \$8,600 a year (8-20-63).
- BEKTAIRES, BYRON T., Assistant in Education (University High School), nine months from September 16, 1963, \$5,600 (8-19-63).
- BERESKIN, BEN, Research Associate in Dairy Science (S), one year from September 1, 1963, \$7,200 (8-20-63).
- BERG, CHARLES R., Instructor in Dentistry (Dentistry), one year from September 1, 1963, \$8,000 (8-23-63).
- BERNAL, EMILIA, Cataloger in the Library, with rank of Instructor, one year from September 1, 1963, \$6,100 (8-12-63).
- BETZ, THOMAS W., Research Assistant in Zoology, nine months from September 16, 1963, \$4,200 (8-3-63).
- BHAN, SURAJ, Research Associate in Metallurgical Engineering (C), seven months from February 1, 1964, \$7,000 a year (8-19-63).
- BIEGLER, THOMAS, Research Associate in Chemistry, one year from September 1, 1963, \$6,500 (8-26-63).
- BILLINGS, ALAN G., Instructor in Speech and Theatre, academic year beginning September 1, 1963, \$5,800 (6-24-63).
- BISCHOFF, MRS. NOYCE L., Research Assistant in Zoology, one year from September 1, 1963, \$5,150 (7-10-63).
- BLAYLOCK, WILLIAM C., Assistant in Spanish, nine months from September 16, 1963, \$6,500, supersedes (8-23-63).

- BLISS, RACHEL, Associate Professor of Nursing, indefinite tenure from September 1, 1963, \$10,400 a year, supersedes (8-7-63).
- BOBREN, HOWARD M., Research Assistant Professor of Psychology, in the Department of Psychology and in the Institute of Communications Research, one year from September 1, 1963, \$10,000 (8-26-63).
- BOHM, LARRY G., Project Assistant in the State Natural History Survey (Graduate College), one year from September 1, 1963, \$4,416 (8-8-63).
- BOSWELL, JEB, Instructor in Medicine (Medicine), $\frac{1}{2}$ time, one year from September 1, 1963, \$4,000 (8-21-63).
- BOURGIN, ROSE C., Research Associate in Secondary and Continuing Education, one year from September 1, 1963, \$6,500 (8-26-63).
- BOWERS, KENNETH, Clinical Counselor in the Student Counseling Service with rank of Instructor (Provost's Office), $\frac{3}{4}$ time, one year from September 1, 1963, \$5,625 (8-21-63).
- BRADY, LEONARD E., Instructor in Organic Chemistry, $\frac{7}{10}$ time, and Research Associate in Organic Chemistry, $\frac{3}{10}$ time, nine months from September 16, 1963, \$7,200 (8-26-63).
- BRANCAFORTE, MRS. CHARLOTTE L., Assistant in German, nine months from September 16, 1963, \$5,000 (8-3-63).
- BRENT, GEORGE W., Instructor in Prosthodontics (Dentistry), $\frac{3}{5}$ time, one year from September 1, 1963, \$5,000 (7-17-63).
- BRESICH, ZAGORKA, Physician in the Health Service (Medical Center), $\frac{1}{10}$ time, June 17-August 31, 1963, \$1,200, supersedes (7-25-63).
- BRODIE, BARBARA, Instructor in Nursing, academic year beginning September 1, 1963, \$6,500 (7-18-63).
- BRODIE, BRUCE, Associate Professor of Veterinary Clinical Medicine (College of Veterinary Medicine), indefinite tenure from September 1, 1963, \$10,700 a year (7-26-63).
- BRODY, MRS. LITA H., Assistant in Medicine (Medicine), one year from September 1, 1963, \$6,200 (8-26-63).
- BROKAW, KURT J., Instructor in Advertising, academic year beginning September 1, 1963, \$7,600 (8-23-63).
- BRONSKY, DAVID, Assistant Professor of Medicine (Medicine), $\frac{1}{10}$ time, one year from September 1, 1963, \$1,200 (8-12-63).
- BROWNS, HERSCHEL L., Clinical Assistant Professor of Medicine (Medicine), $\frac{4}{10}$ time, one year from September 1, 1963, \$3,400 (8-12-63).
- BRUN, HERBERT J., Visiting Research Associate in Music, nine months from September 16, 1963, \$8,000 (8-23-63).
- BRYANT, ROBERT H., Instructor in Engineering (Chicago Undergraduate Division), academic year beginning September 1, 1963, \$7,500 (8-12-63).
- BURKE, JAMES A., Instructor in Art, academic year beginning September 1, 1963, \$6,500 (7-18-63).
- BURMEISTER, JOHN L., Instructor in Inorganic Chemistry, academic year beginning September 1, 1963, \$7,000 (8-12-63).
- BURNETT, MRS. JACQUETTA H., Research Associate in Secondary and Continuing Education, one year from September 1, 1963, \$7,500 (7-17-63).
- BUTLER, JACKIE D., Instructor in Turf Extension (Horticulture) (C, S, and E), one year from September 1, 1963, \$6,600, supersedes (8-19-63).
- BYNG, DENNIS E., Instructor in Art, academic year beginning September 1, 1963, \$6,500 (8-26-63).
- CAMPBELL, JAMES L., Instructor in Music, one year from September 1, 1963, \$7,550 (7-26-63).
- CARBONNEAU, MARVIN C., Assistant Professor of Floriculture Extension (Horticulture) (C and E), July 1, 1963-August 31, 1964, \$8,600 a year, supersedes (8-19-63).
- CARLSEN, TOMIKO, Research Assistant in Oral Pathology (Dentistry), one year from September 1, 1963, \$6,000 (8-7-63).
- CARROLL, JOHN R., Lecturer in Mechanical Engineering (C), $\frac{2}{3}$ time, academic year beginning September 1, 1963, \$7,900 (7-18-63).
- CASTEEL, DAVID A., Project Assistant in the State Natural History Survey (Graduate College), eleven months from August 1, 1963, \$5,300 a year, supersedes (8-8-63).

- CAVENY, CHARLES C., Assistant to the President in charge of the Chicago Office of the President, with rank of Professor, September 1, 1963, and continuing on a month-to-month basis until further notice, \$1,500 per month (7-8-63).
- CHACKO, CHERUVATHUR I., Research Associate in Plant Pathology (S), one year from September 1, 1963, \$6,100 (8-20-63).
- CHAO, BEI TSE, Professor of Mechanical Engineering, $\frac{1}{3}$ time, and of Nuclear Engineering, $\frac{1}{2}$ time, (C), on indefinite tenure; and Associate Member of the Center for Advanced Study, $\frac{1}{2}$ time, one year, from September 1, 1963, and Professor of Mechanical Engineering, $\frac{2}{3}$ time, and of Nuclear Engineering, $\frac{1}{3}$ time, (C), indefinite tenure from September 1, 1964, to render service during each academic year, \$16,000 a year (8-8-63).
- CHAPMAN, PETER J., Research Associate in Chemistry, one year from September 1, 1963, \$6,600 (7-17-63).
- CHURCHWELL, MRS. YVONNE R., Bibliographer in the Library, with rank of Instructor, one year from September 1, 1963, \$6,400, supersedes (8-19-63).
- CLARK, SHIRLEY A., Assistant Professor of Family Relationships (Home Economics) (C and S), academic year beginning September 1, 1963, \$6,700 (7-17-63).
- CODDINGTON, MRS. BERTHA M., Commerce and Sociology Librarian in the Library, with rank of Instructor, one year from September 1, 1963, \$7,300 (8-12-63).
- COLE, HOWARD C., Instructor in English, Summer Session of 1963, June 17-August 10, 1963, \$1,400 for the period, supersedes previous Summer Session (7-17-63).
- COOMBS, FRED S., Research Associate in Education (University High School), academic year beginning September 1, 1963, \$6,000, supersedes (8-27-63).
- COSTON, CHARLES J., Research Associate in Chemical Engineering (S), one year from September 1, 1963, \$7,000 (8-26-63).
- COUKOULIS, MRS. HELEN, Research Assistant in Microbiology, one year from September 1, 1963, \$6,300 (8-14-63).
- CRAWFORD, ARDEN L., Assistant in Education (University High School), nine months from September 16, 1963, \$5,600 (8-19-63).
- CRUMLISH, BRIAN J., Research Associate in the Small Homes Council-Building Research Council, August 16, 1963-May 31, 1964, \$1,000 a month (8-8-63).
- DAS, SUMITRA, Research Assistant in Preventive Medicine (Medicine), August 1, 1963-August 31, 1964, \$5,760 a year (8-8-63).
- DAUPHIN, KEITH P., Project Assistant in the State Natural History Survey (Graduate College), eleven months from August 1, 1963, \$4,320 a year, supersedes (8-8-63).
- DAVIS, CHARLES S., Clinical Instructor in Medicine (Medicine), $\frac{1}{2}$ time, one year from September 1, 1963, \$1,500 (8-12-63).
- DEFRIES, JOHN C., Assistant Professor of Dairy Science (C and S), two years from September 1, 1963, \$9,600 a year, on leave of absence for eleven months from October 1, 1963 (7-18-63).
- DENMARK, WILLIAM L., Assistant Professor of Climatology (Horticulture) (S), two years from September 1, 1963, without salary (8-20-63).
- DETURK, PHILLIP E., Instructor in City Planning and Landscape Architecture, two years from September 1, 1963, to render service during each academic year, \$6,000 a year (8-12-63).
- DEWITT, MRS. CAROL L., Assistant in Chemistry, nine months from September 16, 1963, \$4,600 (7-10-63).
- DIAMOND, MRS. ANITA M., Assistant Supervisor of Testing in the Student Counseling Service (Provost's Office), one year from September 1, 1963, \$5,150 (8-23-63).
- DIMMITT, DONALD P., Instructor in Art (Chicago Undergraduate Division), academic year beginning September 1, 1963, \$6,300 (7-22-63).
- DIXON, MRS. MARGIE K., Assistant in Chemistry, nine months from September 16, 1963, \$4,600 (7-13-63).
- DODDS, BERNARD F., Research Associate in Secondary and Continuing Education, one year from September 1, 1963, \$8,500 (7-17-63).
- DONOVAN, DENNIS G., Assistant in English, nine months from September 16, 1963, \$4,600, supersedes (8-14-63).
- DUA, RAMJI DASS, Research Associate in Dairy Science (S), one year from September 1, 1963, \$6,500 (7-17-63).

- DUDLEY, JAMES, Instructor in Elementary Education, academic year beginning September 1, 1963, \$6,500 (8-22-63).
- DUMAS, D. GILBERT, Instructor in English (Chicago Undergraduate Division), academic year beginning September 1, 1963, \$6,000 (7-17-63).
- DUNPHY, EDWARD J., Assistant in Biometry and in Soil Fertility (Agronomy) (C and S), one year from September 1, 1963, \$5,300 (8-14-63).
- EAGELMAN, JAMES G., Assistant Professor of Veterinary Clinical Medicine (College of Veterinary Medicine), two years from September 1, 1963, \$10,100 a year (7-26-63).
- EDWARDS, WILLIAM R., Research Associate in the Illinois Natural History Survey (Graduate College), eleven months from August 1, 1963, \$8,000 a year, supersedes (8-8-63).
- ELLIS, JACK A., Research Associate in the State Natural History Survey (Graduate College), eleven months from August 1, 1963, \$7,500 a year, supersedes (8-8-63).
- ELLIS, RALPH J., Research Associate in the State Natural History Survey (Graduate College), eleven months from August 1, 1963, \$6,840 a year, supersedes (8-8-63).
- ENGEL, MRS. FRIEDA H., Assistant Professor in the Jane Addams Graduate School of Social Work, $\frac{1}{4}$ time, academic year beginning September 1, 1963, \$2,125 (8-7-63).
- ERWIN, JOSEPH C., Assistant Professor of Pathology (Medicine), $\frac{1}{2}$ time, one year from September 1, 1963, \$9,000 (8-21-63).
- FARRIS, ROBERT E., Research Associate in Ceramic Engineering (S), August 16-September 15, 1963, full time, \$8,000 a year, and from September 16, 1963, through August 31, 1964, $\frac{3}{4}$ time, \$6,000 a year, supersedes (8-26-63).
- FELTNER, CHARLES E., Research Assistant Professor of Theoretical and Applied Mechanics (C), two years from September 1, 1963, to render service during each academic year, \$7,600 a year, supersedes (8-12-63).
- FELTSKOG, ELMER N., Assistant in English, nine months from September 16, 1963, \$4,400, supersedes (8-14-63).
- FERRIS, DONALD R., Visiting Lecturer in Elementary Education, nine months from September 16, 1963, \$11,000 (8-26-63).
- FINK, GILBERT L., Supervisor of Special Services and Occupational Therapy, with rank of Instructor, Division of Rehabilitation-Education Services (College of Physical Education), two months from July 1, 1963, \$7,000 a year, and for one year from September 1, 1963, \$7500 (7-15-63).
- FISCHER, FRED A., Assistant Research Programmer in the Digital Computer Laboratory, $\frac{1}{2}$ time, one year from September 1, 1963, \$3,500 (7-12-63).
- FORD, ROBERT M., Assistant Professor of Architecture, academic year beginning September 1, 1963, \$7,500 (8-23-63).
- FOSTER, MERLIN J., Research Programmer in the Digital Computer Laboratory, one year from September 1, 1963, \$8,000 (8-27-63).
- FOX, MRS. ANN M., Instructor in Library Science (Graduate School of Library Science), $\frac{1}{2}$ time, academic year beginning September 1, 1963, \$3,000 (7-24-63).
- FRANK, EVELYN, Professor of Mathematics (Chicago Undergraduate Division), June 16-August 31, 1963, \$3,112 (7-19-63).
- FREUND, ERIC C., Assistant Professor in the Bureau of Community Planning, two years from September 1, 1963, \$9,500 a year (7-26-63).
- FRIEDMAN, MRS. DOROTHY M., Research Associate in Education (University High School), five months from September 1, 1963, \$4,000 (7-17-63).
- FRIEND, GEORGE L., Assistant in English, nine months from September 16, 1963, \$4,600, supersedes (8-23-63).
- FULLER, GERALD R., Assistant Professor of Vocational and Technical Education, one year from September 1, 1963, \$9,050 (7-29-63).
- GALLAGHER, ROBERT E., Associate Professor of English, indefinite tenure, $\frac{1}{2}$ time, and Assistant Director of University Honors Programs, one year, $\frac{1}{2}$ time (Chicago Undergraduate Division), from September 1, 1963, to render service during each academic year, \$8,500 a year (7-24-63).
- GALLIOS, JOHN, Instructor in Pedodontics (Dentistry), $\frac{2}{3}$ time, one year from September 1, 1963, \$2,840 (8-26-63).
- GANTT, CLARENCE L., Assistant Professor of Medicine (Medicine), two years from September 1, 1963, \$16,000 a year (8-7-63).

- GARCIA-MOLINER, CARMEN, Research Associate in Botany, $\frac{1}{2}$ time, one year from September 1, 1963, \$3,650 (8-12-63).
- GEANAKOPOLOS, DENO J., Associate Member of Center for Advanced Study, for the second semester of 1963-64, and Professor of History, indefinite tenure from September 1, 1963, to render service during each academic year, \$14,000 a year (8-8-63).
- GEIL, WILMA J., Music Library Assistant in the Library, one year from September 1, 1963, \$5,500 (7-22-63).
- GERSTNER, OTTO, Instructor in Mathematics, academic year beginning September 1, 1963, \$7,500 (8-23-63).
- GOBBEL, MRS. GERTRUDE G., Instructor in Child Development (Home Economics) (C and S), academic year beginning September 1, 1963, \$5,000 (7-22-63).
- GOLDBERG, BRUCE C., Instructor in Philosophy, academic year beginning September 1, 1963, \$6,200 (6-8-63).
- GOOCH, JAY D., Research Engineer in the Coordinated Science Laboratory (C), one year from September 1, 1963, \$11,000 (7-29-63).
- GOODISMAN, JERRY, Instructor in Physical Chemistry, academic year beginning September 1, 1963, \$7,200 (8-12-63).
- GOODWIN, NANCY-LEE, Head Resident, Taft Hall, ten months from September 1, 1963, \$4,700; for the convenience of the University she will also receive an apartment and meals while the dining rooms are in operation (8-19-63).
- GRACIE, GORDON, Assistant Professor of Civil Engineering (C), two years from September 1, 1963, to render service during each academic year, \$8,000 a year (7-25-63).
- GRADY, JOHN E., Instructor in Histology (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1963, \$3,750 (6-28-63).
- GRAY, EVA W., Instructor in Mathematics, $\frac{1}{4}$ time, academic year beginning September 1, 1963, \$1,600 (8-26-63).
- GRAZIANI, DINO F., Research Assistant in Pathology (Medicine), July 1, 1963-August 31, 1964, \$5,600 a year (7-16-63).
- GRIDLEY, ROY E., Research Assistant in English, two months from June 16, 1963, \$889 (7-18-63).
- GRIFFIN, ROBERT S., Clinical Instructor in Medicine (Medicine), $\frac{2}{5}$ time, one year from September 1, 1963, \$3,000 (8-12-63).
- GUCKEL, HENRY, Research Associate in the Digital Computer Laboratory, academic year beginning September 1, 1963, \$7,200 (7-15-63).
- GULSTAD, MRS. WILMA R., Serials Assistant in the Library, one year from September 1, 1963, \$5,800 (7-18-63).
- GUNNAR, ROLF M., Associate Professor of Medicine (Medicine), $\frac{1}{4}$ time, September 15, 1963-August 31, 1964, \$4,000 a year, supersedes (8-12-63).
- GUSTOWSKA, MRS. IRENA, Research Assistant in Pediatrics (Medicine), one year from July 1, 1963, \$5,150 (7-25-63).
- HAAG, RUDOLF, Professor of Physics (C), indefinite tenure from September 1, 1963, to render service during each academic year, \$15,700 a year, supersedes (8-12-63).
- HAASE, GERHARD H., Clinical Instructor in Medicine (Medicine), $\frac{1}{4}$ time, one year from September 1, 1963, \$1,900 (8-21-63).
- HAGSTROM, ANNIE, Instructor in Nursing, academic year beginning September 1, 1963, \$6,000 (7-18-63).
- HALL, WILLIAM J., Professor of Civil Engineering (C), indefinite tenure, to render service during each academic year, and Associate Member of Center for Advanced Study, one year, from September 1, 1963, \$14,500 a year; and Professor of Civil Engineering (C), indefinite tenure from September 1, 1964, to render service during each academic year (8-5-63).
- HAMMOND, SAMUEL B., Research Associate in Psychology, $\frac{1}{2}$ time, one year from September 1, 1963, \$3,500 (8-26-63).
- HANDLER, PAUL, Associate Professor of Electrical Engineering, $\frac{3}{4}$ time, and of Physics, $\frac{1}{4}$ time, (C), indefinite tenure from September 1, 1963, to render service during each academic year, \$12,200 a year, supersedes (8-12-63).
- HANSON, MRS. DOLORES M., Assistant Editor in the Office of Public Information, $\frac{1}{2}$ time, one year from September 1, 1963, \$3,000 (7-29-63).
- HAQUE, RIAZ-UL, Instructor in Microbiology (Medicine), one year from September 1, 1963, \$9,000 (7-25-63).

- HARDENBROOK, HARRY JR., Professor of Veterinary Clinical Medicine and of Veterinary Physiology and Pharmacology (College of Veterinary Medicine), indefinite tenure from September 1, 1963, \$14,400 a year (7-26-63).
- HARUNA, ICHIRO, Research Associate in Microbiology, one year from September 1, 1963, \$7,500, supersedes (8-23-63).
- HATCH, RAY D., Professor of Veterinary Clinical Medicine, and of Veterinary Anatomy and Histology (College of Veterinary Medicine), indefinite tenure from September 1, 1963, \$13,950 a year (7-26-63).
- HAYASHI, MASAHI, Research Assistant Professor of Microbiology, one year from September 1, 1963, \$8,200, supersedes (8-23-63).
- HELBLING, SARA Y., Assistant in Occupational Therapy (Medicine), July 15-August 31, 1963, \$475 a month (8-7-63).
- HELM, ALICE, Assistant in Microbiology, nine months from September 16, 1963, \$4,200 (8-21-63).
- HELPER, LLOYD C., Assistant Professor of Veterinary Clinical Medicine (College of Veterinary Medicine) and of Veterinary Research (Agricultural Experiment Station), two years from September 1, 1963, \$10,300 a year (8-20-63).
- HENNE, BERTRAND W., Assistant (Flight) in the Institute of Aviation, nine months from September 16, 1963, \$4,410 (8-19-63).
- HENNES, JAMES D., Assistant in the Office of Instructional Television (Provost's Office), nine months from September 16, 1963, \$4,600 (8-22-63).
- HERNDON, MARY S., Instructor in Household Equipment (Home Economics) (C), academic year beginning September 1, 1963, \$6,500 (8-8-63).
- HESELMANN, PAUL R., Assistant Health Physicist, one year from September 1, 1963, \$9,000 (8-2-63).
- HEWITT, JOHN R., Instructor in Advertising, $\frac{2}{3}$ time, academic year beginning September 1, 1963, \$2,250 (8-14-63).
- HIKI, YOSIO, Research Associate in Physics (C), one year from September 1, 1963, \$8,500 (7-17-63).
- HILKER, CARL F., JR., Assistant (Flight) in the Institute of Aviation, nine months from September 16, 1963, \$4,200 (8-19-63).
- HOCHHAUSER, MARTIN, Clinical Assistant Professor of Radiology (Medicine), $\frac{1}{10}$ time, one year from September 1, 1963, \$1,560 (8-8-63).
- HODGMAN, DONALD R., Professor of Economics, $\frac{2}{3}$ time, indefinite tenure, and Associate Member of Center for Advanced Study, $\frac{1}{3}$ time, two years from September 1, 1963, and Professor of Economics, full time, indefinite tenure, beginning September 1, 1965, to render service during each academic year, \$15,500 a year (8-8-63).
- HOFFMAN, GERALD K., Clinical Instructor in Psychiatry (Medicine), $\frac{1}{2}$ time, July 1, 1963-August 31, 1964, \$2,400 a year (8-12-63).
- HOGAN, JAMES, Instructor in Electrical Engineering (C), one year from September 1, 1963, \$6,300, supersedes (8-5-63).
- HORWITZ, OLGA, Research Associate in Oral Pathology (Dentistry), $\frac{2}{3}$ time, one year from September 1, 1963, \$3,200 (7-18-63).
- HOUGHTON, FLORENCE M., Instructor in Nursing, academic year beginning September 1, 1963, \$6,500 (7-18-63).
- HUANG, SAMUEL J., Research Associate in Chemistry, eleven months from October 1, 1963, \$6,100 a year (7-26-63).
- HUNT, JAMES G., Instructor in Industrial Administration (College of Commerce and Business Administration), $\frac{3}{4}$ time, academic year beginning September 1, 1963, \$4,500 (6-6-63).
- HUNT, J. McV., Professor of Psychology, one year from July 1, 1963, \$20,150; and Professor of Psychology, indefinite tenure beginning September 1, 1964, to render service during each academic year (7-25-63).
- HURTIG, MARTIN, Assistant Professor of Art (Chicago Undergraduate Division), two years from September 1, 1963, to render service during each academic year, \$7,500 a year (8-7-63).
- HUTTON, WILBERT H., JR., Kettering Visiting Lecturer in Chemistry, nine months from September 16, 1963, \$9,500 (8-26-63).
- IMHULSE, DONALD W., Instructor in Business English, academic year beginning September 1, 1963, \$5,200 (8-12-63).
- ITATANI, HIROSHI, Research Associate in Chemistry, September 16, 1963-August 31, 1964, \$7,200 a year (8-23-63).

- JACKSON, DANIEL K., Instructor in Art, academic year beginning September 1, 1963, \$5,800 (7-18-63).
- JACOB, MONIQUE, Research Associate in Microbiology, one year from September 1, 1963, \$6,500, supersedes (8-23-63).
- JANSEN, PETER, Instructor in German, academic year beginning September 1, 1963, \$5,800 (6-6-63).
- JEAN, WILLIAM H., Instructor in Finance, academic year beginning September 1, 1963, \$8,000 (7-17-63).
- JENKS, RICHARD D., Research Assistant in the Coordinated Science Laboratory (C), full time for five months from September 1, 1963, \$2,500, and $\frac{2}{3}$ time for seven months from February 1, 1964, \$2,333.33, supersedes (8-23-63).
- JENNE, WILLIAM, Research Associate in the Institute for Research on Exceptional Children, one year from September 1, 1963, \$9,500 (8-26-63).
- JOHNSON, PETER, Visiting Lecturer in Chemistry, academic year beginning September 1, 1963, \$6,500 (8-12-63).
- JOHNSON, RICHARD M., Instructor in Political Science, academic year beginning September 1, 1963, \$5,000 (7-29-63).
- JOHNSON, WALTER M., Professor of Art (College of Fine and Applied Arts), $\frac{2}{5}$ time ($\frac{1}{2}$ time during the academic year), indefinite tenure, \$5,000 a year, and Head of Extension in Visual Arts (Division of University Extension), $\frac{3}{5}$ time ($\frac{1}{2}$ time during the academic year and full time during the summer), two years from September 1, 1963, \$7,222 a year, supersedes (8-16-63).
- JOHNSON, WELDON A., Registered Pharmacist in Hospital Pharmacy (Research and Educational Hospitals) (College of Pharmacy), one year from September 1, 1963, \$7,750 (8-26-63).
- JOKELA, JALMER J., Assistant Professor of Forestry (C and S), two years from September 1, 1963, \$9,500 a year, supersedes (8-20-63).
- JONES, BARCLAY G., Instructor in Mechanical and Nuclear Engineering (C), academic year beginning September 1, 1963, \$8,500 (8-19-63).
- JONES, ROBERT L., Research Associate in Soil Mineralogy (Agronomy) (S), one year from September 1, 1963, \$8,500 (7-25-63).
- JOSELYN, GEORGE B., Research Assistant in the State Natural History Survey, eleven months from August 1, 1963, \$6,000 a year, supersedes (8-8-63).
- JOZWIAK, ROBERT L., Instructor in Elementary Education, academic year beginning September 1, 1963, \$6,500 (8-22-63).
- KACZKOWSKI, HENRY R., Visiting Research Assistant Professor of Educational Psychology, nine months from September 16, 1963, \$9,300 (8-26-63).
- KATAGUE, DAVID B., Instructor in Chemistry (Pharmacy), $\frac{1}{2}$ time, academic year beginning September 1, 1963, \$3,000 (8-12-63).
- KELLER, KARL B., Research Engineer in Physics (C), July 16, 1963-August 31, 1964, \$8,000 a year (8-19-63).
- KELLY, J. ROBERT, Professor of Music, indefinite tenure, to render service during each academic year, and Associate Member in the Center for Advanced Study, one year, from September 1, 1963, \$11,100 a year; and Professor of Music, on indefinite tenure from September 1, 1964, to render service during each academic year (8-8-63).
- KENT, MRS. JOANN G., Acting Binding Librarian in the Library, with rank of Instructor, one year from September 1, 1963, \$6,800, supersedes (8-26-63).
- KHEDROO, LAWRENCE G., Clinical Assistant Professor of Anatomy (Medicine), $\frac{1}{2}$ time, academic year beginning September 1, 1963, \$5,000 (8-21-63).
- KIM, MRS. EUN KYUNG, Research Assistant in Chemistry, one year from September 1, 1963, \$5,150 (7-10-63).
- KINDLSPERGER, RONALD D., Instructor in Pedodontics (Dentistry), $\frac{4}{5}$ time, one year from September 1, 1963, \$6,400 (8-26-63).
- KIRKWOOD, BILLY D., Research Engineer in the Coordinated Science Laboratory (C), one year from September 1, 1963, \$11,500 (7-29-63).
- KLEIN, KURT, Acting Head of Department of Russian, academic year beginning September 1, 1963, \$500; this is in addition to his appointment as Assistant Professor of Russian (5-28-63).
- KLINE, TILDE S., Clinical Instructor in Pathology (Medicine), one year from September 1, 1963, without salary (8-12-63).
- KNIES, EARL A., Assistant in English, nine months from September 16, 1963, \$4,600, supersedes (8-14-63).

- KOERTGE, HENRY H., Sanitary Engineering Associate in the Health Service, one year from September 1, 1963, \$10,000 (8-20-63).
- KOHLMEYER, MRS. HELEN B., Research Associate in Economics, one year from July 1, 1963, \$6,980 (7-22-63).
- KOIK, JUTA V., Physician in the Health Service (Medical Center), 20/100 time, and Clinical Assistant Professor of Medicine (Medicine), 5/100 time, one year from September 1, 1963, \$3,500 (8-12-63).
- KOMAMIYA, YASUO, Visiting Research Associate Professor in the Digital Computer Laboratory, nine months from September 16, 1963, \$10,800 (7-10-63).
- KONITZKI, JOSEPH F., Assistant to Director of Division of Rehabilitation-Education Services, with rank of Instructor (College of Physical Education), two months from July 1, 1963, \$8,000 a year, and for one year from September 1, 1963, \$8,500 (7-15-63).
- KOUSKOLEKAS, COSTAS, Research Associate in Agricultural Entomology (Agricultural Experiment Station and Illinois Natural History Survey), September 1, 1963-February 29, 1964, \$6,100 a year (8-19-63).
- KOZICKI, RICHARD J., Bibliographer in the Library, with rank of Instructor, one year from September 1, 1963, \$8,000 (7-13-63).
- KRISHNAMURTHY, VISVANATHA, Instructor in Mathematics, academic year beginning September 1, 1963, \$7,000 (7-22-63).
- KRONE, HENRY V., Research Engineer in the Coordinated Science Laboratory (C), one year from September 1, 1963, \$10,300 (7-29-63).
- KULIS, JOHN C., Clinical Instructor in Medicine (Medicine), 1/10 time, one year from September 1, 1963, \$900 (8-12-63).
- KUNG, MRS. MARY R. W., Microanalyst in Chemistry, $\frac{3}{4}$ time, one year from September 1, 1963, \$3,870 (8-26-63).
- KYPTA, LINTON S., Senior Research Engineer in the Coordinated Science Laboratory (C), one year from September 1, 1963, \$15,000 (7-29-63).
- LADD, JOHN A., Research Associate in Chemistry, one year from September 1, 1963, \$6,500, supersedes (8-12-63).
- LAMAR, WILMER A., Lecturer in English, academic year beginning September 1, 1963, \$9,300 (7-25-63).
- LAMBIN, HENRY J., Research Associate in Psychiatry (Medicine), one year from September 1, 1963, \$8,750 (8-26-63).
- LANSBURY, PETER T., Visiting Lecturer in Chemistry, September 16, 1963-January 31, 1964, \$5,700 (8-12-63).
- LANSING, KENNETH M., Associate Professor of Art (College of Fine and Applied Arts), $\frac{1}{2}$ time, and of Elementary Education (College of Education), $\frac{1}{2}$ time, indefinite tenure from September 1, 1963, to render service during each academic year, \$10,000 a year (7-26-63).
- LARRANCE, LAVERNE R., Instructor in Nursing, academic year beginning September 1, 1963, \$6,300 (7-18-63).
- LARSON, BERNT O., Professor of General Engineering (C), August 4-19, 1963, \$655, additional (8-27-63).
- LAWRENCE, LIONEL L., Assistant in Speech and Theatre, nine months from September 16, 1963, \$4,200 (8-14-63).
- LEBEAU, LEON J., Associate Professor of Microbiology on the Faculty of Medicine, Chiangmai Hospital, Chiangmai, Thailand, under Contract AID/fe-2, August 5 through 31, 1963, \$12,210 a year, and from September 1, 1963, through August 31, 1965, \$13,200 a year; and, Associate Professor of Microbiology (Medicine), indefinite tenure from September 1, 1965, supersedes (7-1-63).
- LEVY, LUCRETIA, Instructor in Mathematics, $\frac{1}{4}$ time, academic year beginning September 1, 1963, \$1,800 (8-19-63).
- LINDELL, PHILIP W., Serials Cataloger in the Library, with rank of Instructor, one year from September 1, 1963, \$7,100, supersedes (8-26-63).
- LINDERHOLM, CARL E., Instructor in Mathematics, academic year beginning September 1, 1963, \$7,000 (8-23-63).
- LOEVY, HANNELORE (TASCHINI), Instructor in Anatomy (Medicine), one year from September 1, 1963, \$8,500 (7-18-63).
- LONG, CHESTER C., Assistant Professor of Speech and Theatre, two years from September 1, 1963, to render service during each academic year, \$7,500 a year (7-17-63).
- LONG, KEITH M., Instructor in Art, academic year beginning September 1, 1963, \$5,800 (7-18-63).

- LOPATA, HOWARD I., Assistant in Radiology (Medicine), one year from September 1, 1963, without salary (8-7-63).
- LORD, WILLIAM J., JR., Associate Professor of Business Administration (College of Commerce and Business Administration), indefinite tenure from September 1, 1963, to render service during each academic year, \$9,300 a year (8-12-63).
- LOTT, JAMES L., Research Associate in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1963, \$5,400, supersedes (8-23-63).
- LOWE, MRS. LEONE, Instructor in Mathematics, academic year beginning September 1, 1963, \$7,200 (8-5-63).
- LU, MRS. CHIN-PI, Instructor in Mathematics, academic year beginning September 1, 1963, \$7,200 (8-23-63).
- LUKAS, VICTOR T., Research Assistant in the Statistical Service Unit (Provost's Office), one year from September 1, 1963, \$5,150 (8-14-63).
- LUNDE, LORINNE L., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1963, \$4,200 (7-5-63).
- MADDEN, JOHN J., Research Associate in Microbiology, September 16, 1963-August 31, 1964, \$6,100 (8-26-63).
- MADENBERG, FRED, Assistant Professor of Hygiene, in the Health Service (Chicago Undergraduate Division), two years from September 1, 1963, to render service during each academic year, \$1,200 a year (7-18-63).
- MAGNABOSCO, PETER T., Assistant in Physical Education for Men, nine months from September 16, 1963, \$4,750 (6-14-63).
- MAKSIC, DRAGUTIN, Associate Professor of Veterinary Clinical Medicine (College of Veterinary Medicine), indefinite tenure from September 1, 1963, \$10,700 a year (7-26-63).
- MANGAN, KENNETH, Research Associate in the Institute for Research on Exceptional Children, one year from September 1, 1963, without salary (7-26-63).
- MANNING, JOHN P., Associate Professor of Veterinary Clinical Medicine (College of Veterinary Medicine), indefinite tenure from September 1, 1963, \$10,700 a year (7-26-63).
- MARSTON, HOWARD, Research Associate in Education (University High School), 34 time, one year from September 1, 1963, \$9,000 (8-23-63).
- MARTIN, MRS. BEVERLY B., Cataloger in the Library of Medical Sciences, with rank of Instructor (Medical Center), one year from September 1, 1963, \$6,100 (8-5-63).
- MARX, WERNER, Assistant Professor of German, two years from September 1, 1963, to render service during each academic year, \$7,150 a year (7-29-63).
- MASTERTON, DON A., Assistant Professor of Art, Department of Administration (Chicago Undergraduate Division), June 21-August 16, 1963, \$1,812, additional (7-18-63).
- MATERN, SUSAN C., Instructor in Nursing, academic year beginning September 1, 1963, \$6,300 (7-18-63).
- MATSUMOTO, HIDEO, Research Associate in Pathology (Medicine), $\frac{4}{5}$ time, ten months from August 1, 1963, \$5,000 a year (8-7-63).
- MATSUMOTO, YORIMI, Research Assistant in Physiology and Biophysics, four months from September 1, 1963, \$429.17 a month (6-24-63).
- MATTESON, MAX R., Assistant Dean of the College of Liberal Arts and Sciences and Associate Professor of Zoology, one year from September 1, 1963, \$9,700, supersedes (8-26-63).
- MATTHEW, GUY R., Instructor in Radiology (Medicine), one year from September 1, 1963, without salary (8-20-63).
- McCOY, M. ELEANOR, Research Assistant Professor of Education (University High School), academic year beginning September 1, 1963, \$10,800, supersedes (8-5-63).
- MCDANIEL, WILLIAM L., Assistant Professor of Applied Materia Medica and Therapeutics (Dentistry), $\frac{1}{2}$ time, two years from September 1, 1963, \$5,000 a year, supersedes (8-26-63).
- MCGREEVEY, JULIA A., Instructor in Nursing, academic year beginning September 1, 1963, \$6,300 (7-18-63).
- McKINNON, DANA G., Assistant in English, nine months from September 16, 1963, \$4,600, supersedes (8-14-63).
- McLAUGHLIN, THOMAS G., Instructor in Mathematics, academic year beginning September 1, 1963, \$7,500 (8-23-63).

- McLEAN, ROBERT L., Research Associate in Biological Chemistry (Medicine), one year from September 1, 1963, \$9,500 (8-26-63).
- McLELLAN, REX B., Research Associate in Metallurgical Engineering (C), one year from September 1, 1963, \$8,500 (7-17-63).
- McMURRY, LAURA M., Research Assistant in Chemistry, one year from September 1, 1963, \$5,150 (7-10-63).
- MEERMAN, GERADINE, Research Associate in Chemistry, one year from September 1, 1963, \$6,100 (7-26-63).
- MEHR, ROBERT I., Professor of Finance, on indefinite tenure, to serve as Special Consultant to the Vice-President and Comptroller devising criteria and procedures for implementation of the Staff Salary Annuity Program, two months from July 1, 1963, \$3,412, additional (7-25-63).
- MELLODY, MARGARET, Research Assistant in Medicine (Medicine), one year from September 1, 1963, \$7,350 (7-26-63).
- MEREDITH, GERALD M., Research Associate in Psychology, one year from September 1, 1963, \$6,100 (8-26-63).
- MERKELO, HENRY, Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1963, \$1,000; this is in addition to his appointment as Radio Corporation of America Fellow in Electrical Engineering, supersedes (8-21-63).
- MERRILL, MARY E., Assistant in English, nine months from September 16, 1963, \$4,400 (8-26-63).
- MEYER, JULIA, Associate Professor of Oral Pathology (Dentistry), indefinite tenure from September 1, 1963, \$12,500 a year (7-22-63).
- MEYERSON, BERNARD L., Assistant Director of the Office of Foreign Student Affairs, one year from September 1, 1963, \$10,000 (8-19-63).
- MILLER, ARTHUR A., Clinical Associate Professor of Psychiatry (Medicine), $\frac{1}{4}$ time, one year from September 1, 1963, \$3,800 (8-7-63).
- MILLER, CAROL, Instructor in German, academic year beginning September 1, 1963, \$6,300 (6-6-63).
- MILLER, IRVING M., Instructor in English (Chicago Undergraduate Division), Summer Session of 1963, $\frac{1}{2}$ time, June 21-August 16, 1963, \$778 for the period (7-17-63).
- MILLER, JERALD, Instructor in Periodontics, Department of Applied Materia Medica and Therapeutics (Dentistry), $\frac{2}{3}$ time, one year from September 1, 1963, \$3,200, supersedes (8-26-63).
- MILLER, JULIAN A., Clinical Assistant Professor of Psychiatry (Medicine), $\frac{3}{10}$ time, one year from September 1, 1963, \$4,000 (8-7-63).
- MILLET, STANTON, Assistant Professor of English, two years from September 1, 1963, to render service during each academic year, \$8,700 a year (7-18-63).
- MILLOY, FRANK J., JR., Clinical Assistant Professor of Surgery (Medicine), $\frac{1}{2}$ time, July 1, 1963-August 31, 1964, \$2,000 a year, supersedes nonsalaried appointment (7-18-63).
- MIMS, ROSEMARIE S., Head Resident, Allen Hall South, ten months from September 1, 1963, \$4,800; for the convenience of the University, she will also receive an apartment and meals while the dining rooms are in operation, supersedes (7-26-63).
- MINI, MRS. PATRICIA D., Research Assistant in Chemistry, one year from September 1, 1963, \$5,200 (7-10-63).
- MONTAGUE, WILLIAM E., Visiting Assistant Professor of Psychology, academic year beginning September 1, 1963, \$9,000 (8-26-63).
- MONTGOMERY, CLARK A., Clinical Instructor in Medicine (Medicine), $\frac{2}{3}$ time, four months from May 1, 1963, \$3,068 a year, supersedes (6-14-63).
- MONTGOMERY, GERALD G., Research Associate in the State Natural History Survey, eleven months from August 1, 1963, \$6,840 a year, supersedes (8-8-63).
- MOORE, CHARLES A., Assistant (Flight) in the Institute of Aviation, nine months from September 16, 1963, \$4,200 (8-19-63).
- MORTON, RICHARD B., Research Associate in Chemistry, one year from September 1, 1963, \$6,200 (7-26-63).
- MOSES, NORMAN, Instructor in Prosthodontics (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1963, \$1,500 (7-25-63).
- MOSES, RICHARD H., Instructor in Art, academic year beginning September 1, 1963, \$5,800 (7-18-63).

- MUKHERJEE, KALINATH, Research Associate in Metallurgical Engineering (C), one year from September 1, 1963, \$8,000 (7-17-63).
- NAGATA, SHUICHI, Research Associate in Anthropology, one year from September 1, 1963, \$6,100 (8-5-63).
- NAITO, HIROSHI, Research Associate in Animal Science (S), September 16, 1963-August 31, 1964, \$6,500 a year (8-19-63).
- NAKAI, SHURYO, Research Associate in Food Science (S), one year from September 1, 1963, \$6,200 (8-23-63).
- NAKAMURA, KANAME, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1963, \$6,500 (7-29-63).
- NANOUSI, SOPHIE C., Spectroscopist in Chemistry, August 1, 1963-August 31, 1964, \$5,150 a year (8-26-63).
- NARASIMHAN, RANGASWAMY, Visiting Research Assistant Professor in the Digital Computer Laboratory, nine months from September 16, 1963, \$944.44 a month (7-10-63).
- NEU, IRENE D., Visiting Lecturer in History, nine months from September 16, 1963, \$10,000 (7-18-63).
- NEUMANN, LORENA, Assistant Editor, with rank of Instructor (C and S), two months from July 1, 1963, \$566.67 a month, supersedes (8-8-63).
- NEWMAN, ALBERT, Assistant (Intern) in the Student Counseling Service (Provost's Office), one year from September 1, 1963, \$5,150 (8-23-63).
- NISHIDA, TOSHIRO, Associate Professor of Food Science, College of Agriculture, $\frac{1}{5}$ time, and Agricultural Experiment Station, $\frac{4}{5}$ time, indefinite tenure from September 1, 1963, \$10,500 a year, supersedes (8-12-63).
- NISONOFF, ALFRED, Professor of Microbiology, indefinite tenure from September 1, 1963, \$17,580 a year (7-29-63).
- NOBLE, BRUCE J., Instructor in Physical Education for Men, nine months from September 16, 1963, \$6,000 (7-8-63).
- NORTON, ROBERT H., Research Assistant in Pharmacognosy and Pharmacology (Pharmacy), one year from September 1, 1963, \$6,100 (8-7-63).
- NTAILIANAS, HARILAOS A., Research Associate in Food Science (S), one year from September 1, 1963, \$7,800 (8-26-63).
- OLEKSY, MRS. MARGARET H., Instructor in English (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, \$1,689 for the period, supersedes previous Summer Session (7-17-63).
- ORE, DONALD E., Instructor in Dentistry (Dentistry), $\frac{4}{5}$ time, one year from September 1, 1963, \$6,400 (7-25-63).
- O'REILLY, MICHAEL F., Instructor in Mathematics, academic year beginning September 1, 1963, \$6,000 (8-23-63).
- OTTE, KARL H., Instructor in Engineering (Chicago Undergraduate Division), academic year beginning September 1, 1963, \$6,500 (7-25-63).
- OWENS, RHODELL E., Lecturer in Recreation (College of Physical Education), $\frac{1}{4}$ time, September 16, 1963-January 31, 1964, \$1,100, supersedes (8-20-63).
- PAGE, BENJAMIN F., Instructor in the Graduate School of Library Science, $\frac{1}{2}$ time, academic year beginning September 1, 1963, \$3,000 (7-12-63).
- PAGE, ROBERT R., Instructor in Philosophy (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, \$1,423 for the period, supersedes previous Summer Session appointment (7-17-63).
- PAUL, SHERMAN, Professor of English, $\frac{1}{2}$ time, indefinite tenure, and Associate Member of the Center for Advanced Study, $\frac{1}{2}$ time, one year from September 1, 1963, and Professor of English, full time, indefinite tenure from September 1, 1964, to render service during each academic year, \$16,700 a year (8-8-63).
- PECK, THEODORE R., Assistant Professor of Soils Extension (Agronomy) (E), two years from September 1, 1963, \$8,500 a year (8-23-63).
- PEDERSEN, WILLIAM, JR., Instructor in Architecture, academic year beginning September 1, 1963, \$6,800 (7-26-63).
- PENCHINA, CLAUDE M., Research Associate in Electrical Engineering (C), one year from September 1, 1963, \$8,000 (8-21-63).
- PENEV, LUBEN C., Clinical Instructor in Medicine (Medicine), $\frac{1}{10}$ time, one year from September 1, 1963, \$900 (8-12-63).
- PENNISI, LOUIS L., Associate Professor of Mathematics (Chicago Undergraduate Division), Summer Session of 1963, $\frac{5}{8}$ time, June 21-August 16, 1963, \$1,741 for the period (7-17-63).

- PENROD, DARRELL D., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1963, \$5,800, supersedes (8-19-63).
- PERSHING, ROSCOE L., Research Associate in Agricultural Engineering (S), $\frac{3}{4}$ time, one year from September 1, 1963, \$4,000 (8-19-63).
- PESKIN, SIDNEY, Clinical Instructor in Surgery (Medicine), without salary, and Instructor in Oral Surgery (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1963, \$3,750 (8-19-63).
- PHILLIPS, THOMAS N., Assistant Professor of Veterinary Clinical Medicine (College of Veterinary Medicine), two years from September 1, 1963, \$10,300 a year (7-26-63).
- PIETRAS, RAYMOND J., Instructor in Medicine (Medicine), two months from July 1, 1963, \$708.33 a month, supersedes nonsalaried appointment (7-16-63); and $\frac{3}{10}$ time, one year from September 1, 1963, \$2,750 (8-12-63).
- PIKE, JOHN R., Instructor in Finance, academic year beginning September 1, 1963, \$8,000 (7-17-63).
- PINTO, JOSEPH D., Research Associate in Chemistry, one year from September 1, 1963, \$6,100 (8-19-63).
- PLACEK, MRS. CYNTHIA B., Assistant Editor, with rank of Assistant (College of Veterinary Medicine), $\frac{1}{2}$ time, one year from September 1, 1963, \$3,440 (7-25-63).
- POLLAK, VICTOR E., Research Associate Professor of Medicine (Medicine), $\frac{17}{100}$ time, two months from July 1, 1963, \$208.33 a month, supersedes nonsalaried appointment (7-18-63); and on $\frac{17}{100}$ time, indefinite tenure from September 1, 1963, \$2,500 a year (8-21-63).
- PONZO, PETER, Research Associate in Electrical Engineering, $\frac{1}{4}$ time, and in the Coordinated Science Laboratory, $\frac{3}{4}$ time, nine months from September 1, 1963, and in the Coordinated Science Laboratory (C), full time, three months from June 1, 1964, \$10,000 (8-16-63).
- PREVO, MRS. DOROTHEA M., Instructor in Nursing, $\frac{2}{3}$ time, September 23, 1963-March 21, 1964, \$400 a month (7-18-63).
- PUSZTASZERI, STEPHEN F., Research Assistant in Chemistry, one year from September 1, 1963, \$5,160 (8-3-63).
- RAJKUMAR, TARAKAD V., Research Associate in Chemistry, ten months from November 1, 1963, \$6,500 a year (8-26-63).
- RAMAIAH, KOMMINENI, Research Associate in Chemistry, July 22-August 31, 1963, \$508.33 a month, supersedes (7-26-63).
- RAMALEY, LOUIS, Research Associate in Chemistry, academic year beginning September 1, 1963, \$6,300 (8-12-63).
- RANSFORD, RALPH E., Lecturer in Anatomy (Medicine), $\frac{1}{2}$ time, academic year beginning September 1, 1963, \$5,013 (7-25-63).
- RAUBENHEIMER, ANNA E., Instructor in Home Economics (C), academic year beginning September 1, 1963, \$5,100 (8-23-63).
- REILAND, JOHN C., Research Assistant in Microbiology, one year from September 1, 1963, \$5,333.28 (8-22-63).
- REILLY, JAMES R., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine), $\frac{3}{5}$ time, one year from September 1, 1963, \$5,580, supersedes (8-23-63).
- REINER, MRS. IRMA, Assistant Professor of Mathematics, $\frac{1}{2}$ time, academic year beginning September 1, 1963, \$4,200 (8-26-63).
- REMENIUK, EUDOKIA, Clinical Instructor in Pathology (Medicine), one year from September 1, 1963, without salary (7-25-63).
- RESH, JAMES A., Research Associate in Electrical Engineering, $\frac{1}{4}$ time, and in the Coordinated Science Laboratory, $\frac{3}{4}$ time, nine months from September 1, 1963, and in the Coordinated Science Laboratory (C), full time, three months from June 1, 1964, \$10,000 (8-16-63).
- RHODES, MRS. DAPHNE I., Assistant to the Dean of Women (Chicago Undergraduate Division), one year from September 1, 1963, \$6,000 (8-19-63).
- RIES, DONALD G., Research Associate in Chemistry, three months from September 1, 1963, \$508.33 a month (8-26-63).
- ROBINSON, DEREK J. S., Instructor in Mathematics, academic year beginning September 1, 1963, \$7,000 (8-23-63).
- ROBINSON, GARTH, Research Associate in Biological Chemistry (Medicine), one year from September 1, 1963, \$8,400 (7-25-63).

- RODRIGUEZ, EDUARDO, Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine), one year from September 1, 1963, \$5,150 (8-19-63).
- ROGGE, WILLIAM M., Research Assistant Professor of Education (University High School), one year from July 1, 1963, \$11,000 (7-29-63).
- ROSEN, SAMUEL, Assistant in the Division of General Studies, nine months from September 16, 1963, \$4,350 (8-3-63).
- ROSS, ROBERT C., Leader, Foreign Agriculture Visitors, and Assistant Coordinator, International Cooperation Programs (Office of International Cooperation Programs), $\frac{1}{2}$ time, one year from September 1, 1963, \$6,750 (7-17-63).
- RUMMEL, MARION L., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1963, $\frac{2}{3}$ time, June 21-August 16, 1963, \$712 for the period (7-17-63).
- RUSSELL, JOHN K., Instructor in Electrical Engineering (C), $\frac{3}{4}$ time, academic year beginning September 1, 1963, \$3,825, supersedes (8-19-63).
- SAFANIE, ALVIN H., Assistant Professor of Veterinary Anatomy and Histology (College of Veterinary Medicine) and of Veterinary Research (Agricultural Experiment Station), two years from September 1, 1963, \$12,100 a year (7-17-63).
- SAGI, MRS. ANA M. M., Assistant in French, nine months from September 16, 1963, \$4,200 (8-3-63).
- ST. JAMES, WARREN D., Visiting Lecturer in Political Science (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, \$1,700 for the period (8-26-63).
- SANGHVI, INDRAVADAN S., Research Assistant in Pharmacology (Medicine), one year from September 1, 1963, \$5,500 (7-26-63).
- SARGENT, FREDERICK, II, Acting Head of Department of Physiology and Biophysics, academic year beginning September 1, 1963, \$500; this is in addition to his appointment as Professor of Physiology and Member of the Senior Staff of the Center for Zoonoses Research (5-18-63).
- SARKISSIAN, JOHN L., Instructor in Biology (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, \$1,200 for the period, supersedes previous Summer Session appointment (7-17-63).
- SARLAS, SOPHIE H., Instructor in Art, academic year beginning September 1, 1963, \$5,700 (8-26-63).
- SARNER, HARVEY, Lecturer in Dentistry, with rank of Instructor (Dentistry), $\frac{1}{10}$ time, one year from September 1, 1963, \$800 (8-12-63).
- SASAGO, KENJI, Research Associate in Food Science (S), one year from September 1, 1963, \$6,200 (8-23-63).
- SASSOON, HARRY, Instructor in Radiology (Medicine), and Assistant Radiologist in the Research and Educational Hospitals, one year from September 1, 1963, \$12,000 (8-8-63).
- SCAVONE, DANIEL, Visiting Lecturer in History (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, \$750 for the period (8-26-63).
- SCHIER, RUDOLF, Instructor in German, academic year beginning September 1, 1963, \$6,300 (6-6-63).
- SCHILLER, ALFRED G., Professor of Veterinary Clinical Medicine (College of Veterinary Medicine), indefinite tenure from September 1, 1963, \$13,950 a year (7-26-63).
- SCHILLER, ANDREW, Associate Professor of English (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, \$1,956 for the period (7-17-63).
- SCHLOSS, BERT P., Visiting Lecturer in Political Sciences (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, \$1,500 for the period (7-17-63).
- SCHMITZ, RICHARD F., Instructor in Dentistry (Dentistry), one year from September 1, 1963, \$7,000 (7-18-63).
- SCHROER, DAVID E., Instructor in Mathematics, academic year beginning September 1, 1963, \$7,700 (8-23-63).
- SCHULTE, HENRY F., Instructor in Journalism (College of Journalism and Communications), $\frac{1}{2}$ time, academic year beginning September 1, 1963, \$3,750 (8-19-63).

- SEITZ, FREDERICK, Professor of Physics and Head of the Department (C), two months from July 1, 1963, \$5,156, additional (8-21-63).
- SESHU, MRS. LILY H., Assistant Professor of Mathematics, academic year beginning September 1, 1963, \$7,700 (8-26-63).
- SETH, SHANTI K., Research Associate in Microbiology, October 15, 1963-August 31, 1964, \$7,000 a year (8-12-63).
- SGOUTAS, DEMETRIUS, Research Associate in Food Technology (S), August 1, 1963-August 31, 1964, \$6,500 a year (7-17-63).
- SHARMA, KAMAL N., Visiting Research Assistant Professor of Psychology and Physiology, eight months from September 1, 1963, \$8,940 a year (8-26-63).
- SHAUGHNESSY, JOSEPH B., Assistant Professor of Architecture, academic year beginning September 1, 1963, \$7,500 (8-12-63).
- SHIMONY, ZVI, Visiting Research Associate in Electrical Engineering (C), one year from September 1, 1963, \$6,000 (8-26-63).
- SHOTWELL, JOAN S., Instructor in Physical Education for Women, $\frac{3}{4}$ time, academic year beginning September 1, 1963, \$5,250 (7-18-63).
- SIA, (MISS) MING BE, Instructor in Nursing, academic year beginning September 1, 1963, \$6,600 (7-18-63).
- SILVERMAN, LORETTA E., Instructor in Engineering — Physics (Chicago Undergraduate Division), $\frac{2}{3}$ time, academic year beginning September 1, 1963, \$4,000 (8-7-63).
- SINGH, SANKATHA P., Instructor in Mathematics, academic year beginning September 1, 1963, \$6,000 (8-23-63).
- SKAPERDAS, DOMINIC O., Senior Research Engineer in the Coordinated Science Laboratory (C), one year from September 1, 1963, \$14,200 (7-29-63).
- SLICHTER, CHARLES P., Professor (C), $\frac{1}{2}$ time, indefinite tenure, and Associate Member of the Center for Advanced Study, $\frac{1}{2}$ time, one year from September 1, 1963, and Professor of Physics (C), indefinite tenure from September 1, 1964, to render service during each academic year, \$21,000 a year (8-8-63).
- SLYTER, LEONARD L., Research Associate in Dairy Science (S), one year from September 1, 1963, \$7,200, supersedes (8-20-63).
- SMALL, ERWIN, Instructor in Veterinary Clinical Medicine (College of Veterinary Medicine), one year from September 1, 1963, \$9,100 (7-26-63).
- SMITH, JOHN H., Instructor in Accountancy, $\frac{1}{2}$ time, academic year beginning September 1, 1963, \$2,500 (5-20-63).
- SMITH, PINKNEY C., Instructor in History (Chicago Undergraduate Division), academic year beginning September 1, 1963, \$6,200 (7-26-63).
- SMITH, SARA W., Assistant in English, nine months from September 16, 1963, \$4,200 (6-10-63).
- SORN, DAVID M., Clinical Instructor in Surgery (Medicine), without salary, and Instructor in Oral and Maxillofacial Surgery (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1963, \$3,750 (6-28-63).
- SPENCE, PAUL H., History and Political Science Librarian in the Library, with rank of Instructor, one year from September 1, 1963, \$8,650 (8-3-63).
- SRINIVASAN, V. R., Research Assistant Professor in the School of Life Sciences, one year from September 1, 1963, \$10,000 (7-24-63).
- STEIN, HERBERT J., Research Associate in the Coordinated Science Laboratory, $\frac{1}{2}$ time, nine months from September 1, 1963, \$254.16 a month, and full time, three months from June 1, 1964, \$508.33 a month; and Instructor in Electrical Engineering, $\frac{1}{2}$ time, nine months from September 1, 1963, \$254.17 a month (8-23-63).
- STEIN, SONDRRA R., Research Associate in Microbiology, one year from September 1, 1963, \$7,000 (8-5-63).
- STIFLE, JOHN E., Research Engineer in the Coordinated Science Laboratory (C), one year from September 1, 1963, \$11,000 (7-29-63).
- STORM, GERALD L., Field Ecologist in the Illinois Natural History Survey, and Graduate College, eleven months from August 1, 1963, \$5,760 a year, supersedes (8-8-63).
- STRUBBE, JAMES M., Instructor in Radiology (Medicine), one year from September 1, 1963, without salary (8-20-63).
- STUSRUD, JULIE A., Assistant in the Division of General Studies, nine months from September 16, 1963, \$4,200 (8-14-63).

- SUMINO, KOJI, Research Associate in Metallurgical Engineering (C), one year from September 1, 1963, \$8,500 (7-17-63).
- SUMMERS, MARGARET A., Instructor in Nursing, academic year beginning September 1, 1963, \$6,300 (8-19-63).
- SUSSMAN, HANS G., Research Associate in Oral Pathology (Dentistry), $\frac{4}{5}$ time, one year from September 1, 1963, \$6,400 (7-26-63).
- SUTTON, PEGGY R., Research Assistant in the Institute for Research on Exceptional Children, nine months from September 16, 1963, \$5,100 (8-19-63).
- SWARTZ, ROBERT J., Instructor in Philosophy, academic year beginning September 1, 1963, \$6,500 (6-8-63).
- TAGGER, ETTY S., Research Assistant in Orthodontics (Dentistry), seven months from September 1, 1963, \$3,208.31 (7-25-63).
- TAYLOR, JAMES W., Assistant Dean of Men, one year from September 1, 1963, \$6,600 (8-26-63).
- TEMPEST, DAVID W., Research Associate in Chemistry, one month from September 1, 1963, \$487.50 (8-2-63).
- TENG, CHENG YEE, Instructor in Medicine (Medicine), 45/100 time, ten months from September 1, 1963, \$3,000 a year (8-12-63).
- TERNAY, ANDREW L., JR., Research Associate in Chemistry, one year from September 1, 1963, \$6,100 (7-26-63).
- THOITS, CHARLES F., III, Research Associate in the State Natural History Survey (Graduate College), one year from September 1, 1963, \$6,960 (8-16-63).
- THOMAS, CHARLES R., Assistant Director, Systems and Programming Development, Statistical Service Unit (Administration—Provost's Office), one year from September 1, 1963, \$10,600, supersedes nonacademic appointment (8-19-63).
- THURMON, JOHN C., Instructor in Veterinary Clinical Medicine (College of Veterinary Medicine), and in Veterinary Research (Agricultural Experiment Station), one year from September 1, 1963, \$7,900, supersedes (8-20-63).
- TICHENOR, DUANE, Research Associate in Vocational and Technical Education, $\frac{3}{4}$ time, academic year beginning September 1, 1963, \$4,650 (8-26-63).
- TOROK, NICHOLAS, Associate Professor of Otolaryngology (Medicine), $\frac{4}{5}$ time, nine months from September 1, 1963, \$12,800 a year (8-7-63).
- TRAHERN, JOSEPH B., JR., Instructor in English, academic year beginning September 1, 1963, \$7,300 (8-12-63).
- TRAINOR, CLARAMAY, Instructor in Art, academic year beginning September 1, 1963, \$5,700 (7-18-63).
- TREACY, DAVID P., Instructor in Journalism (College of Journalism and Communications) $\frac{1}{2}$ time, academic year beginning September 1, 1963, \$2,750 (8-19-63).
- TRIMBLE, RUSSELL F., Visiting Lecturer in Chemistry, nine months from September 16, 1963, \$10,100 (8-8-63).
- TROGDON, RAY L., Research Engineer in the Coordinated Science Laboratory (C), one year from September 1, 1963, \$11,650 (7-29-63).
- TROTT, MR. BEVERLY D., Research Associate in Metallurgical Engineering (C), $\frac{3}{4}$ time, ten months from September 1, 1963, \$450 a month, and full time, two months from July 1, 1964, \$600 a month (7-17-63).
- TRUDGILL, PETER W., Research Associate in Chemistry, one year from September 1, 1963, \$6,100 (7-26-63).
- TSANG, FLORIS YUNG, Research Associate in Chemistry, one year from September 1, 1963, \$6,500 (8-26-63).
- TURCK, MARVIN, Instructor in Medicine (Medicine), 35/100 time, ten months from September 1, 1963, \$2,400 a year (8-12-63).
- UCHIMARU, FUMIHIKO, Research Associate in Chemistry, seven months from February 1, 1964, \$6,100 a year (8-12-63).
- UNZICKER, JOHN D., Research Associate in the State Natural History Survey and in the Graduate College, $\frac{1}{2}$ time, nine months from September 1, 1963, \$1,980, and full time, three months from June 1, 1964, \$1,320 (8-19-63).
- VAICHULIS, EUGENE M., Instructor in Microbiology (Medicine), one year from September 1, 1963, \$8,000 (7-25-63).
- VANDEMARK, NOLAND L., Professor of Physiology, Department of Dairy Science (C and S), indefinite tenure from September 1, 1963, \$16,500 a year, supersedes (8-5-63).

- VELEZ-VASQUEZ, ENRIQUE, Research Assistant in Veterinary Physiology and Pharmacology (College of Veterinary Medicine), one year from September 1, 1963, \$6,000 (7-26-63).
- VERTS, BOBBIE J., Research Associate in the State Natural History Survey (Graduate College), eleven months from August 1, 1963, \$4,254 a year, supersedes (8-8-63).
- VIA, JOHN A., Assistant in English, February 1-June 15, 1964, \$2,200, supersedes (8-14-63).
- VISWANATHAN, L., Research Associate in Chemistry, one year from September 1, 1963, \$6,100 (7-26-63).
- VORIS, DAVID C., Clinical Associate in Neurosurgery (Medicine), one year from September 1, 1963, without salary (8-21-63).
- VOTH, BRIAN W., Research Engineer in the Coordinated Science Laboratory (C), one year from September 1, 1963, \$10,000 (7-29-63).
- WACHSMAN, JOSEPH T., Associate Professor of Microbiology, one year from September 1, 1963, \$11,550, and Associate Professor of Microbiology, indefinite tenure from September 1, 1964, to render service during each academic year, without salary (8-5-63).
- WADSWORTH, PHILIP A., Professor of French, $\frac{1}{2}$ time, indefinite tenure, and Associate Member of the Center for Advanced Study, $\frac{1}{2}$ time, one year from September 1, 1963, and Professor of French, indefinite tenure from September 1, 1964, to render service during each academic year, \$15,850 a year (8-8-63).
- WAGMAN, ARTHUR B., Assistant in Radiology (Medicine), one year from September 1, 1963, without salary (8-7-63).
- WALKER, BRIAN L. H., Research Associate in Food Science (S), one year from September 1, 1963, \$6,500 (8-23-63).
- WALKER, DONALD L., JR., Instructor in City Planning and Landscape Architecture, two years from September 1, 1963, to render service during each academic year, \$7,000 a year (8-12-63).
- WALL, F. T., Professor of Physical Chemistry, Department of Chemistry and Chemical Engineering, indefinite tenure from September 1, 1963, to render service during each academic year, \$25,000 a year, supersedes (7-23-63).
- WALLER, EDNA I., Project Assistant in the State Natural History Survey and in the Graduate College, four months from September 1, 1963, \$1,100 (8-21-63).
- WALTER, JOHN H., Associate Professor of Mathematics, $\frac{1}{3}$ time, indefinite tenure, and Associate Member of the Center for Advanced Study, $\frac{2}{3}$ time, one year from September 1, 1963, and Associate Professor of Mathematics, full time, indefinite tenure, from September 1, 1964, to render service during each academic year, \$10,500 a year (8-8-63).
- WARNOCK, JOHN E., Research Associate in the State Natural History Survey and in the Graduate College, eleven months from August 1, 1963, \$6,860 a year, supersedes (8-8-63).
- WATRACH, MRS. MARIAN N., Research Associate in Veterinary Pathology and Hygiene (College of Veterinary Medicine), $\frac{4}{5}$ time, one year from September 1, 1963, \$6,290, supersedes (8-3-63).
- WATSON, J. STROUD, Instructor in Architecture, academic year beginning September 1, 1963, \$6,500 (7-26-63).
- WEAVER, LELLAND A., Instructor in Electrical Engineering (C), $\frac{1}{4}$ time academic year, \$1,350, and to do research on $\frac{3}{4}$ time for academic year, \$4,050 from September 1, 1963, supersedes (8-26-63).
- WEBB, ROBERT J., Adviser to Farm Manager at Pantnager, U.P. Agricultural University, Pantnager, India, for service under Contract ICAC-1258, October 1, 1963 through May 31, 1964, \$16,060 a year; and Professor of Agricultural Research and Extension, and Superintendent of the Dixon Springs Experiment Station, indefinite tenure, one month from September 1, 1963, and from June 1, 1964, \$14,600 a year, supersedes (7-29-63).
- WEBER, CHARLES, Instructor in Accountancy, $\frac{1}{4}$ time, academic year beginning September 1, 1963, \$1,300 (6-24-63).
- WEBER, EVELYN, Research Associate in Chemistry, academic year beginning September 1, 1963, \$6,300 (8-26-63).
- WEINMAN, KARLA P., Research Assistant in Physiology, nine months from September 16, 1963, \$4,200 (8-21-63).

- WELKER, NEIL E., Research Associate in Microbiology, one year from September 1, 1963, \$8,000 (8-6-63).
- WILL, FREDERICK L., Associate Member of the Center for Advanced Study, second semester of 1963-64, and Professor of Philosophy, indefinite tenure from September 1, 1963, to render service during each academic year, \$15,850 a year (8-8-63).
- WILLARD, ROBERT E., Assistant Research Engineer in the Digital Computer Laboratory, one year from September 1, 1963, \$8,000 (8-23-63).
- WITZ, KLAUS G., Instructor in Mathematics, academic year beginning September 1, 1963, \$7,500 (8-23-63).
- WOLLERSHEIM, DAVID, Assistant in Mechanical Engineering (C), nine months from September 16, 1963, \$5,000 (8-22-63).
- WUNDERLE, STEVEN L., Project Assistant in the State Natural History Survey and in the Graduate College, eleven months from August 1, 1963, \$4,980 a year (8-8-63).
- YAMADA, SHIGEHARU, Visiting Assistant Professor in the Digital Computer Laboratory, nine months from September 16, 1963, \$10,000 (7-10-63).
- YAVIN, AVIVI I., Assistant Professor of Physics (C), academic year beginning September 1, 1963, \$9,700 (7-25-63).
- YESULAITIS, MRS. MARY P. C., Assistant in the Division of General Studies, nine months from September 16, 1963, \$4,200 (8-19-63).
- YOUNG, MRS. LORNA B., Research Assistant in Chemistry, one year from September 1, 1963, \$5,500 (7-10-63).
- YU, MARY FA TUAN, Research Assistant in Microbiology, one year from September 1, 1963, \$5,150 (8-19-63).

GRADUATE FELLOWS

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

- AARON, HOWARD B., Sloan Foundation Fellow in Metallurgy, nine months from September 16, 1963, \$2,400 (7-29-63).
- BACH, GERHARD L., United States Public Health Service Fellow (Trainee) in Internal Medicine, one year from July 1, 1963, \$5,000 (7-8-63).
- BARRETT, MRS. SONORA G., United States Public Health Service Fellow (Trainee) in Biological Chemistry, one year from July 1, 1963, \$2,300 (7-8-63).
- BARTOSIK, DELPHINE B., United States Public Health Service Fellow (Trainee) in Internal Medicine, one year from July 1, 1963, \$5,650 (7-8-63).
- BENTZ, MARILYN G., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$1,800 (8-13-63).
- BIFANO, JACQUELINE, United States Public Health Service Fellow (Trainee) in Biological Chemistry, ten months from September 1, 1963, \$1,916.60 (7-10-63).
- BLATT, PHILIP E., United States Public Health Service Fellow (Trainee) in Internal Medicine, one year from July 1, 1963, \$8,000 (7-8-63).
- BRENNAN, SHEILA L., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1963, \$1,800 (8-16-63).
- BRODER, STEFAN I., United States Public Health Service Fellow (Trainee) in Biological Chemistry, July 1-September 15, 1963, \$500 (7-11-63).
- BROOKER, MARIE L., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$2,000 (8-13-63).
- CARDENAS, MARY J., United States Public Health Service (Trainee) in Chemistry, nine months from September 16, 1963, \$2,100 (7-16-63).
- CLARK, LARRY W., United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1963, \$2,500 (7-16-63).
- COLE, ROBERT E., Keio-Illinois Exchange Fellow in Labor and Industrial Relations, one year from September 1, 1963, \$3,020 (7-29-63).
- CROUCH, ROBERT J., United States Public Health Service Predoctoral Fellow in Chemistry, one year from July 1, 1963, \$2,000 (7-12-63).
- CUNNINGHAM, CAROL C., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1963, \$2,100 (7-16-63).
- DAGLEY, STANLEY, National Science Foundation Senior Foreign Scientist Fellow in Chemistry, one year from August 16, 1963, \$15,000 (7-22-63).
- DAVIS, EMILE M., United States Public Health Service Fellow (Trainee) in Histology (Dental), one year from July 1, 1963, \$6,500 (7-8-63).

- DELLENBACK, BARBARA K., United States Public Health Service Fellow (Trainee) in Psychiatry, three months from June 16, 1963, \$200 (7-12-63).
- DEPINTO, JOHN A., United States Public Health Service Fellow (Trainee) in Microbiology, ten months from September 1, 1963, \$2,500 (8-16-63).
- DYER, OLYMPIA P., Office of Vocational Rehabilitation Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$2,000 (8-13-63).
- DYHR, PETER, Fellow in Law, nine months from September 16, 1963, \$1,500; and two months from June 16, 1964, \$375 (7-18-63).
- EATON, JOHN L., United States Public Health Service Fellow (Trainee) in Entomology, ten months from September 1, 1963, \$2,400 (8-16-63).
- FELLHEIMER, CAROLYN L., Office of Vocational Rehabilitation Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$1,800 (8-13-63).
- FINCH, FREYA L., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$1,800 (8-13-63).
- FINDLAY, MILDRED M., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1963, \$2,100 (7-16-63).
- FISCHER, JOEL, National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$2,000 (8-13-63).
- FISHER, BARBARA N., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1963, \$2,200 (7-16-63).
- FITES, ROGER C., Wright-Burlison Fellow in Agronomy, nine months from September 16, 1963, \$2,300, supersedes (8-12-63).
- FLATTUM, ROGER F., United States Public Health Service Fellow (Trainee) in Entomology, ten months from September 1, 1963, \$2,400 (8-16-63).
- GALE, HENRY H., United States Public Health Service Fellow (Trainee) in Physiology, one year from July 1, 1963, \$3,900 (7-8-63).
- GALLUZZI, V. NICHOLAS, United States Public Health Service Fellow (Trainee) in Biophysics, September 16, 1963-January 31, 1964, \$999.75 (7-26-63).
- GANTT, R. RAYMOND, United States Public Health Service Fellow (Trainee) in Biochemistry, three months from July 1, 1963, \$650 (7-11-63).
- GEISON, RONALD L., United States Public Health Service Fellow (Trainee) in Animal Science, one year from September 1, 1963, \$2,600 (7-16-63).
- GERBECK, CLAIRE M., United States Public Health Service Fellow (Trainee) in Biological Chemistry, ten months from September 1, 1963, \$2,000 (7-8-63).
- GIBB, MARY C., Knox College Fellow in Social Work, nine months from September 16, 1963, \$1,500 (7-11-63).
- GILMAN, ALICE, United States Public Health Service Fellow (Trainee) in Microbiology, one year from September 1, 1963, \$3,000 (8-1-63).
- GODU, JACQUES A. J. C., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from September 1, 1963, \$6,000 (7-22-63).
- GROSS, IRA, United States Public Health Service Fellow (Trainee) in Education (School Psychology), nine months from September 16, 1963, \$2,400 (7-17-63).
- GUNTHER, JAY K., United States Public Health Service Predoctoral Fellow in Chemistry, one year from August 16, 1963, \$2,000 (8-22-63).
- GUTIERREZ, NORMA B., United States Public Health Service Fellow (Trainee) in Psychiatry, one year from July 1, 1963, \$2,400 (8-5-63).
- HABUSH, SANDRA B., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$2,000 (8-13-63).
- HALFMAN, CLARKE, United States Public Health Service Fellow (Trainee) in Food Science, one year from September 1, 1963, \$2,600 (7-29-63).
- HANSEN, JOHN R., United States Public Health Service Fellow (Trainee) in Chemistry, one year from September 1, 1963, \$2,400 (8-16-63).
- HARPRING, LINDA, United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1963, \$2,300 (7-16-63).
- HECHT, PATRICIA J., United States Public Health Service Fellow (Trainee) in Education (School Psychology), nine months from September 16, 1963, \$2,000 (7-17-63).
- HEINTZ, NORMAN V., United States Public Health Service Fellow (Trainee) in Psychiatry, three months from June 16, 1963, \$200 (7-9-63).
- HEMBROUGH, CAROL J., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$2,000 (8-13-63).

- HOEKMAN, THEODORE B., United States Public Health Service Fellow (Trainee) in Biophysics, one year from June 16, 1963, \$2,666 (7-12-63).
- HOLLER, RONALD F., United States Public Health Service Fellow (Trainee) in Education (School Psychology), nine months from September 16, 1963, \$1,800 (7-17-63).
- IANDOLO, JOHN J., United States Public Health Service Predoctoral Fellow in Food Technology, one year from July 1, 1963, \$2,500 (7-26-63).
- JACKSON, SUSANNE, United States Children's Bureau Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$2,000 (8-13-63).
- JOHNSON, JOYCE H., United States Public Health Service Fellow (Trainee) in Physiology, ten months from September 1, 1963, \$2,000 (7-8-63).
- JONAS, JIRI, Postdoctoral Fellow in Chemistry, one year from August 16, 1963, \$6,000 (7-25-63).
- JOYCE, NANCY E., General Foods Fund Fellow in Home Economics, nine months from September 16, 1963, \$2,000 (7-16-63).
- KAHN, WALTER J., United States Public Health Service Fellow (Trainee) in Ophthalmology, two months from July 1, 1963, \$1,100 (7-19-63).
- KAMPWIRTH, THOMAS J. J., United States Public Health Service Fellow (Trainee) in Education (School Psychology), nine months from September 16, 1963, \$1,800 (7-17-63).
- KERLEY, GERALD I., National Science Foundation Graduate Fellow in Chemistry, one year from July 1, 1963, \$1,800 (8-12-63).
- KODAMA, ROBERT M., United States Public Health Service Fellow (Trainee) in Physiology, one year from July 1, 1963, \$2,300 (7-8-63).
- KOKJER, KENNETH J., United States Public Health Service Fellow (Trainee) in Biophysics, one year from September 16, 1963, \$2,666 (8-16-63).
- KOMINEK, LEO A., United States Public Health Service Predoctoral Fellow in Microbiology, one year from July 1, 1963, \$3,200, supersedes (7-22-63).
- KRANDEL, PAULINE, Special Fellow in Social Work, nine months from September 16, 1963, \$1,800 (8-13-63).
- LAIN, RICHARD F., United States Public Health Service Fellow (Trainee) in Biophysics, one year from September 1, 1963, \$2,666 (8-16-63).
- LEE, DONALD J., United States Public Health Service Fellow (Trainee) in Animal Science, one year from September 1, 1963, \$2,600 (7-16-63).
- LEHN, LLOYD L., American Society of Tool Manufacturing Engineer Fellow in Mechanical and Industrial Engineering, nine months from September 16, 1963, \$2,300 (7-16-63).
- LEVY, HOWARD B., United States Public Health Service Fellow (Trainee) in Physiology, nine months from September 16, 1963, \$2,100 (8-22-63).
- LIEB, WILLIAM R., National Science Foundation Graduate Fellow in Biophysics, nine months from September 16, 1963, \$1,500, supersedes (7-10-63).
- LIEBER, ROSLYN, National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$2,000 (8-13-63).
- LIPPERT, ELIZABETH L., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1963, \$2,100 (7-16-63).
- LOKEN, JULIE L., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$1,800 (8-13-63).
- LUKENBACH, ELVIN R., National Science Foundation Graduate Fellow in Chemistry, one year from September 1, 1963, \$1,800 (7-24-63).
- MARLIN, MARJORIE J. M., National Science Foundation Cooperative Fellow in Psychology, one year from September 1, 1963, \$2,400 (8-19-63).
- MCGUIRE, MISS DOUGLAS, United States Public Health Service Fellow (Trainee) in Education (School Psychology), nine months from September 16, 1963, \$3,000 (7-17-63).
- MCLEISTER, ELIZABETH O., National Science Foundation Graduate Fellow in Chemistry, one year from September 1, 1963, \$2,000 (6-18-63).
- MCQUEEN, RALPH D., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, two months from July 1, 1963, \$840, supersedes (7-11-63).
- MILLER, MARILYN T., United States Public Health Service Fellow (Trainee) in Ophthalmology, six months from July 1, 1963, \$3,000 (7-8-63).
- MOBERG, GARY P., United States Public Health Service Fellow (Trainee) in Physiology, one year from September 1, 1963, \$2,666 (8-16-63).

- MOSS, STEVEN A., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, \$5,286.25, supersedes (7-10-63).
- MUETH, RITA A., United States Public Health Service Fellow (Trainee) in Microbiology, one year from September 1, 1963, \$2,820 (8-16-63).
- NANCE, JON R., National Science Foundation Graduate Fellow in Physics, one year from September 1, 1963, \$3,200 (8-21-63).
- NELSON, WAYNE B., National Science Foundation Graduate Fellow in Mathematics, one year from September 1, 1963, \$3,700 (8-13-63).
- NEWTON, STEPHEN B., United States Public Health Service Fellow (Trainee) in Food Science, one year from September 1, 1963, \$2,800 (7-29-63).
- NIBLACK, JOHN F., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1963, \$2,100 (7-16-63).
- NIEMYSKI, DOROTHY E., United States Office of Education Fellow in Education, nine months from September 16, 1963, \$2,000 (7-26-63).
- NIHEI, YASUMITSU, Keio-Illinois Exchange Fellow in Labor and Industrial Relations, September 16, 1963-January 31, 1964, \$750; and two months from June 16, 1963, \$375 (7-24-63).
- OHREN, BEVERLY A. K., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$2,000 (8-13-63).
- O'NEILL, WILLIAM P., United States Public Health Service Predoctoral Fellow in Chemistry, one year from August 16, 1963, \$3,500 (8-22-63).
- PALMER, JERRY L., United States Public Health Service Fellow (Trainee) in Microbiology, one year from September 1, 1963, \$3,200 (8-1-63).
- PETERSON, LANCE G., United States Public Health Service Fellow (Trainee) in Entomology, ten months from September 1, 1963, \$2,400 (8-16-63).
- PHILLIPS, ROBERT D., Teaching Fellow in the Classics, nine months from September 16, 1963, \$1,600; and two months from June 16, 1964, \$500, supersedes (7-12-63).
- PORTUGAL, FRANKLIN H., United States Public Health Service Fellow (Trainee) in Biological Chemistry, September 16, 1963-June 30, 1964, \$1,820.77 (7-17-63).
- RAYL, MARTIN, Texas Instrument Fellow in Physics, nine months from September 16, 1963, \$2,000; and two months from June 16, 1964, \$500 (8-12-63).
- REDENBO, JAMES M., United States Public Health Service Fellow (Trainee) in Biophysics, one year from September 16, 1963, \$2,666 (8-16-63).
- REIELS, DARLENE C., United States Public Health Service Fellow (Trainee) in Biological Chemistry, July 1-September 15, 1963, \$500 (8-2-63).
- RETTIG, MICHAEL F., National Science Foundation Graduate Fellow in Chemistry, one year from September 1, 1963, \$1,800 (7-24-63).
- ROBERTS, LEO J., United States Public Health Service Fellow (Trainee) in Ophthalmology, one year from July 1, 1963, \$3,000 (7-15-63).
- RUTH, ROBIN E., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1963, \$2,200 (7-16-63).
- SAMUELS, ROBERT B., United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1963, \$2,500 (7-18-63).
- SAXINGER, WILLIAM C., United States Public Health Service Fellow (Trainee) in Microbiology, one year from September 1, 1963, \$2,820 (8-16-63).
- SCHAAF, DORIS M., United States Public Health Service Fellow (Trainee) in Psychiatry, June 17-September 17, 1963, \$200 (7-17-63).
- SCHATZ, HOWARD, United States Public Health Service Fellow (Trainee) in Psychiatry, three months from June 16, 1963, \$600 (7-12-63).
- STAHLY, DONALD P., United States Public Health Service Predoctoral Fellow in Microbiology, one year from July 1, 1963, \$3,000 (7-22-63).
- STALDER, MARY J., United States Public Health Service Fellow (Trainee) in Food Science, one year from September 1, 1963, \$2,800 (8-1-63).
- SWIATEK, KENNETH R., United States Public Health Service Fellow (Trainee) in Biochemistry, one year from July 1, 1963, \$2,400 (7-3-63).
- TOFT, DAVID O., United States Public Health Service Fellow (Trainee) in Physiology, one year from September 1, 1963, \$2,666 (8-16-63).
- TRAASTAD, M. JEANNE, Office of Vocational Rehabilitation Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$2,000 (8-13-63).
- TWARANOVICA, JOSEPH A., United States Public Health Service Fellow (Trainee) in Education (School Psychology), nine months from September 16, 1963, \$2,400 (7-17-63).

- VAN ARENDONK, ARTHUR M., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1963, \$2,100 (7-16-63).
- VOLD, BARBARA S., Fellow in Botany, nine months from September 16, 1963, \$1,500; and two months from June 16, 1964, \$375, supersedes (8-26-63).
- WASHINGTON, ERNEST D., United States Public Health Service Fellow (Trainee) in Education (School Psychology), nine months from September 16, 1963, \$1,800 (7-17-63).
- WIELAND, ANNA M., United States Public Health Service Fellow (Trainee) in Ophthalmology, six months from July 1, 1963, \$2,750 (7-8-63).
- WILSON, G. EDWIN, JR., National Science Foundation Graduate Fellow in Chemistry, one year from September 1, 1963, \$3,000 (8-16-63).
- WOODFIN, BEULAH M., United States Public Health Postdoctoral Fellow in Chemistry, June 24-August 31, 1963, \$1,092.10 (7-25-63).
- WYLDER, JOSEPH G., JR., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, \$4,740, supersedes (7-26-63).
- YANG, HENDERSON C. H., Fellow in Physics, February 1-June 15, 1964, \$1,000; and two months from June 16, 1964, \$500, supersedes (7-16-63).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- ALBRIGHT, JACK L., Assistant Professor of Dairy Husbandry (Dairy Science) — resignation effective September 1, 1963.
- ALLEN, DON R., Research Associate in the Coordinated Science Laboratory — resignation effective September 1, 1963.
- AMBROSE, JAMES E., Assistant Professor of Architecture — resignation effective September 1, 1963.
- ANDREWS, ROLLIN D., III, Project Assistant in Aquatic Biology in the Graduate College and in the State Natural History Survey — resignation effective September 1, 1963.
- BABIAK, PAUL P., Catalog Assistant in the Library — cancellation effective February 18, 1963.
- BAGBY, ROLAND M., United States Public Health Service Fellow (Trainee) in Physiology — resignation effective September 1, 1963.
- BAKER, C. M. ANN, Research Associate in Physiology — declination effective September 1, 1963.
- BECHTEL, LINWOOD G., Instructor in Physical Education for Men — declination effective September 1, 1963.
- BECKMAN, MRS. SHERRY M. L., Assistant in Occupational Therapy (Medicine) — resignation effective July 27, 1963.
- BENNETT, MRS. SARA A., Research Assistant in the Coordinated Science Laboratory — resignation effective September 1, 1963.
- BILGER, H. R., Research Associate in the Digital Computer Laboratory — declination effective September 1, 1963.
- BLOSTEIN, M. L., Instructor in Electrical Engineering — resignation effective September 1, 1963.
- BUNGERT, WILLIAM C., Research Associate in Secondary and Continuing Education (University High School) — declination effective September 1, 1963.
- BURKMAN, ALLAN M., Assistant Professor of Pharmacology (Pharmacy) — resignation effective September 1, 1963.
- BUTLER, BARBARA D., Research Assistant in Physiology — declination effective September 16, 1963.
- CLARK, ARDATH M., Assistant in English — declination effective September 16, 1963.
- CODDINGTON, BERTHA M., Serials Cataloger in the Library, with rank of Instructor — declination effective September 1, 1963.
- CURRY, E. THAYER, Professor of Speech — declination effective September 1, 1963.
- DAI, PETER K., Instructor in Civil Engineering — declination effective September 1, 1963.
- DAVIS, STEPHEN R., Lecturer in Mechanical Engineering — resignation effective September 1, 1963.
- DENHAM, ELAM L., Assistant Professor of Architecture — resignation effective September 1, 1963.
- DEVILLEZ, EDWARD J., United States Public Health Service Fellow (Trainee) in Physiology and Biophysics — resignation effective September 1, 1963.

- DICK, RICHARD I., Instructor in Civil Engineering — declination effective September 1, 1963.
- ENGANDELA, VICTOR J., Instructor in Medical Social Work (Medicine) — resignation effective September 1, 1963.
- FARHI, EDNA S., Research Assistant in Physiology — declination effective September 1, 1963.
- FERNANDES, FRED D., Fellow in Aeronautical and Astronautical Engineering — resignation effective June 16, 1963.
- FRASER, CONSTANCE, Assistant Professor of Medical Social Work and Crippled Children (Medicine) — resignation effective September 1, 1963.
- GRANT, EMERSON W., Adjutant, R.O.T.C., and Associate Professor of Military Science — declination effective September 1, 1963.
- GRIFFIN, MARY C., Associate Professor of Business Education — resignation effective September 1, 1963.
- GRIFFITH, MARY E., Assistant in Education (University High School) — declination effective September 16, 1963.
- GROSSMANN, ERWIN E., Lecturer in Ophthalmology, with rank of Assistant Professor (Medicine) — resignation effective September 1, 1963.
- GUIMOND, JAMES, Assistant in English — declination effective September 16, 1963.
- GUPTA, KINKAR P., Research Associate in Mining, Metallurgy, and Petroleum Engineering — resignation effective September 1, 1963.
- GUPTA, SUDHINDRA, Fellow in Civil Engineering — resignation effective September 16, 1963.
- HABAS, LINDA B., United States Public Health Service Fellow (Trainee) in Physiology — resignation effective September 1, 1963.
- HACHTEL, BARBARA M., United States Public Health Service Fellow (Trainee) in Anatomy — resignation effective July 1, 1963.
- HARKIN, DUNCAN A., Research Associate in Forestry — resignation effective September 1, 1963.
- HARKNESS, BRUCE, Professor of English and Executive Secretary of the Department — resignation effective September 1, 1963.
- HARPER, ANNE Y., Research Assistant in the Bureau of Economic and Business Research — declination effective September 1, 1963.
- HARVEY, ROBERT O., Professor of Finance — resignation effective September 1, 1963.
- HEIDORN, MRS. PATRICIA A., Architecture Library Assistant in the Library — resignation effective August 21, 1963.
- HORNBECK, PETER L., Assistant Professor of Landscape Architecture — resignation effective September 1, 1963.
- HOUSE, JAMES E., JR., Assistant in Physical Science in the Division of General Studies — declination effective September 16, 1963.
- INGLE, CAROLINE A., Research Associate in Botany — declination effective September 1, 1963.
- KAFKA, ROBERT W., Instructor in Electrical Engineering — resignation effective September 1, 1963.
- KAVANAGH, JEAN, Research Assistant in Psychiatry (Medicine) — resignation effective July 1, 1963.
- KEPLER, JON S., Fellow in History — resignation effective September 16, 1963.
- KLINE, CHRISTIANE J., Fellow in Chemistry — resignation effective September 16, 1963.
- KRUUS, JAAN, Research Associate in the Coordinated Science Laboratory — declination effective September 1, 1963.
- LANYON, P. D., Visiting Research Associate in Electrical Engineering — resignation effective September 1, 1963.
- LEHMANN, JOHN R., Instructor in Electrical Engineering — resignation effective September 1, 1963.
- LISTON, WILLIAM T., Assistant in English — declination effective September 16, 1963.
- LOCKHART, HELEN R., Assistant Professor of Medical Social Work (Medicine) — resignation effective September 1, 1963.
- LONDON, PERRY, Associate Professor of Psychology — declination effective September 1, 1963.
- LOWER, WILLIAM D., Assistant in English — declination effective September 16, 1963.

- MARTIN, DAVID M., Assistant in English — declination effective September 16, 1963.
- NAMBURY, C. N. V., Research Associate in Pharmacy Chemistry (Pharmacy) — resignation effective September 1, 1963.
- NANCE, JON R., National Science Foundation Graduate Fellow in Physics — cancellation effective June 16, 1963.
- NAVARRETE, DELIA A., Assistant in Home Economics — resignation effective September 1, 1963.
- NEILL, DAVID M., Assistant in Electrical Engineering (Chicago Undergraduate Division) — resignation effective September 1, 1963.
- NEILSON, MRS. NANCY V., Spectroscopist in Chemistry — resignation effective August 16, 1963.
- NEUMAN, ROBERTA, Research Assistant in Microbiology — resignation effective July 16, 1963.
- NINOMIYA, TOSHIYUKI, Research Assistant Professor of Physical Metallurgy — resignation effective September 1, 1963.
- OLSON, CHARLES E., JR., Assistant Professor of Forestry — resignation effective September 1, 1963.
- ONANIAN, EDWARD D., Research Associate in the Bureau of Economic and Business Research — declination effective September 1, 1963.
- ORR, MARGERV A., National Science Foundation Institute Fellow in Mathematics — resignation effective June 16, 1963.
- PESSALL, NEIL, Research Associate in Mining, Metallurgy, and Petroleum Engineering — resignation effective September 1, 1963.
- PHILLIPS, ROBERT L., JR., Instructor in Landscape Architecture — resignation effective September 1, 1963.
- PRATT, LARRY D., National Science Foundation Institute Fellow in Mathematics — resignation effective August 13, 1963.
- PUGSLEY, JAMES H., Instructor in Electrical Engineering — resignation effective September 1, 1963.
- RAETZMAN, MRS. BARBARA L., Assistant in Occupational Therapy (Medicine) — resignation effective September 1, 1963.
- SCHAFER, DOROTHEA, Instructor in German — declination effective September 1, 1963.
- SCHUMACHER, GEBHARD, Research Associate in the Institute for Tuberculosis Research — resignation effective July 15, 1963.
- SHIMKIN, DEMITRI B., Professor of Anthropology, Summer Session of 1963 — cancellation effective June 17, 1963.
- SMITH, GARMOND S., Assistant Professor of Animal Science — declination effective September 1, 1963.
- SMITH, JACK L., United States Public Health Postdoctoral Fellow in Animal Science — resignation effective October 1, 1963.
- SMITH, JAMES L., Assistant in Civil Engineering — resignation effective August 10, 1963.
- SMITH, ROBERT S., Research Assistant Professor of Electrical Engineering — resignation effective September 1, 1963.
- SMYTHE, DALLAS W., Research Professor of Communications — resignation effective September 1, 1963.
- TAMAI, TADASI, Research Associate in Physiology — declination effective September 1, 1963.
- THIER, HERBERT D., Research Associate in Secondary and Continuing Education — resignation effective September 1, 1963.
- THOMAS, SU ANN J., Assistant Extension Editor in Agriculture, with rank of Assistant — declination effective September 1, 1963.
- TRUFIN, JOEL S., Assistant in Dairy Science — resignation effective September 1, 1963.
- WALES, JANET M., Research Assistant in the Bureau of Economic and Business Research — resignation effective August 21, 1963.
- WALKER, RICHARD D., Research Associate in Illinois State Library Research Center — resignation effective September 1, 1963.
- WANKA, FREDRICH, Research Associate in Botany — resignation effective August 16, 1963.
- WHITE, ROBERT A., Instructor in Mechanical Engineering — resignation effective September 1, 1963.

WOLFE, MARTIN S., Research Assistant Professor of Education (University High School) — declination effective September 1, 1963.

LEAVES OF ABSENCE

- BAIRD, JACK R., Research Associate in Electrical Engineering, in the Engineering Experiment Station — leave of absence, without pay, from July 15 through August 31, 1963, so that he may do work at the University of Colorado.
- BROWN, RICHARD M., Research Professor in the Coordinated Science Laboratory, and of Electrical Engineering and of Physics — leave of absence, without pay, from July 8 through August 17, 1963, so that he may attend a summer study at Massachusetts Institute of Technology sponsored by the Navy.
- CALAHAN, DONALD A., Assistant Professor of Electrical Engineering, in the College of Engineering and in the Engineering Experiment Station — leave of absence, without pay, for one year from September 1, 1963, so that he may accept the position of Visiting Assistant Professor of Electrical Engineering at the University of California at Berkeley.
- DAVIS, NUEL P., Assistant Professor of English — leave of absence, without pay, for the first semester of the academic year 1963-64, so that he may work on a manuscript of his research on the scientists Lawrence, Fermi, and Oppenheimer.
- FINK, CHARLES M., County Extension Staff Member in Henry County, Illinois — leave of absence, with full pay, for six months from February 1, 1964, for the purpose of study.
- GOLEMBIEWSKI, ROBERT, Assistant Professor of Management — leave of absence, for the academic year 1963-64, with pay of \$2,550 from the Lilly Endowment, Inc., Freedom Study Fund, for the first semester, and leave without pay for the second semester so that he may serve as a Visiting Lecturer in the Department of Industrial Administration at Yale University.
- JACKSON, DAVID M., Professor of Educational Administration and Supervision, and Principal of University High School — leave of absence for nine months from September 15, 1963, through June 15, 1964, on $\frac{1}{2}$ pay, changed to leave of absence without pay from September 16, 1963, through January 31, 1964, and leave with full pay from February 1 through June 15, 1964.
- KARSH, BERNARD, Associate Professor of Sociology and in the Institute of Labor and Industrial Relations — leave of absence, without pay, for one year from September 1, 1963, previously granted him, is hereby cancelled.
- LILJEQUIST, JON L., Instructor in Mechanical Engineering, in the Chicago Undergraduate Division — leave of absence, without pay, for one year from September 1, 1963, so that he may complete studies for an advanced degree.
- MANWELL, CLYDE, Associate Professor of Physiology — leave of absence, without pay, for two years from September 1, 1963, previously granted him, is hereby cancelled.
- MCMAHON, WALTER W., Associate Professor of Economics — sabbatical leave of absence for the academic year 1963-64, on one-half pay, has been reinstated.
- OPPENLANDER, (MISS) RENATE, Research Assistant in Electrical Engineering, in the Engineering Experiment Station — leave of absence, without pay, from August 18 through 31, 1963, so that she may travel abroad.
- PERLMUTTER, MRS. SHIRLEY, Instructor in Occupational Therapy, in the College of Medicine — leave of absence, without pay, to begin July 27 and continuing through August 31, 1963. This supersedes her previous leave of absence beginning on June 24, 1963.
- SAH, CHIH TANG, Professor of Electrical Engineering and of Physics, in the College of Engineering and in the Engineering Experiment Station — extension of leave of absence, without pay, from September 1, 1963, through January 31, 1964, so that he may continue his work at the Fairchild Semiconductor Research and Development Laboratory.
- SMOOT, RONALD L., Instructor in Mechanical Engineering, in the College of Engineering — additional extension of leave of absence, without pay, beginning September 1 and continuing through November 30, 1963, so that he may continue his graduate studies under the National Science Foundation Faculty Fellowship.

CANCELLATIONS OF SABBATICAL LEAVES OF ABSENCE

ALPERT, DANIEL, Research Professor of Physics and Director of the Coordinated Science Laboratory — sabbatical leave of absence for six months from February 15, 1964, is cancelled, without prejudice.

McINTYRE, CHARLES J., Coordinator of Instructional Television and Associate Professor of Education — sabbatical leave of absence for six months from January 1, 1964, is cancelled, without prejudice.

OSGOOD, CHARLES E., Research Professor of Communications Research, Director of the Institute of Communications Research, and Professor of Psychology — sabbatical leave of absence for the first semester of 1963-64 is cancelled, without prejudice.

RETIREMENTS

LUNDMAN, A. TRESS, Assistant Professor of Verbal Communication, in the Division of General Studies — retirement effective September 1, 1963.

AUGUST DEGREES CONFERRED

The Secretary presented for record the following list of degrees conferred at Urbana, Illinois, as of August 12, 1963, on recommendation of the Urbana-Champaign Senate.

Summary

Degrees in the Graduate College, conferred at Urbana:

Master of Arts.....	97
Master of Science.....	275
Master of Music.....	9
Master of Education.....	238
Master of Social Work.....	4
Master of Fine Arts.....	3
Master of Accounting Science.....	8
Master of Architecture.....	8
Master of Commerce.....	1
Master of Business Administration.....	1
Master of Comparative Law.....	1
Master of Extension Education.....	2
Advanced Certificate in Education.....	26
Certificate of Advanced Study in Librarianship.....	1
<i>Total, Graduate College.....</i>	<i>(674)</i>

Degrees in Law, conferred at Urbana:

Bachelor of Laws.....	14
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Baccalaureate Degrees, conferred at Urbana:

Bachelor of Science, College of Agriculture.....	19
Bachelor of Science, College of Engineering.....	87
Bachelor of Arts, College of Liberal Arts and Sciences.....	59
Bachelor of Science, College of Liberal Arts and Sciences.....	48
Bachelor of Science, College of Education.....	32
Bachelor of Science, College of Commerce and Business Administration...	56
Bachelor of Science, College of Journalism and Communications.....	7
Bachelor of Architecture, College of Fine and Applied Arts.....	8
Bachelor of Fine Arts, College of Fine and Applied Arts.....	9
Bachelor of Music, College of Fine and Applied Arts.....	3
Bachelor of Science, College of Fine and Applied Arts.....	3
Bachelor of Science, College of Physical Education.....	4
<i>Total, Baccalaureate Degrees.....</i>	<i>(335)</i>
<i>Total, Degrees Conferred at Urbana.....</i>	<i>1,023</i>

GRADUATE COLLEGE

Degree of Master of Arts

In Art Education

KAY JANE VOZENILEK, B.F.A., University of Illinois, 1962

In Art History

JERRY WILLIAM McROBERTS, A.B., Iowa State Teachers College, 1956

In Economics

THOMAS PATRICK CALLANAN, A.B., Fordham University, 1962

JOHN WALTER DORFMEISTER, B.S., 1962

DENNIS HAROLD ERICKSON, A.B., North Park College, 1962

GEORGE LOWELL HILL, A.B., 1962

ZEINHOM MAHMOUD MOHAMED KABIS, B.Com., Cairo University, 1960

PETER HAROLD NIEHOFF, A.B., Lawrence College, 1962

JAMES FREDRICK NISS, B.S., 1955

JAMES ARTHUR PHILLIPS, A.B., University of California (Santa Barbara), 1962

ROBERT ALLAN PISKIE, B.S., 1961

THEODORE EMMANUEL QUAST, JR., A.B., University of North Carolina, 1961

ROGER ANDREW SEDJO, A.B., 1961

THOMAS HENRY TUCHSCHERER, B.S., 1962

RICHARD DALE WINKELMAN, A.B., Southern Illinois University, 1961

In Education

MARGHERITE ELAINE McCLELLAN QUICK, B.S., Central Connecticut State College, 1961

In English

MARTHA REGINA BELL, A.B., Emory University, 1962

DAVID OTTO BERGER, B.S., Concordia Teachers College, 1962

MARY CATHERINE BURPEE, A.B., DePauw University, 1962

MICHAEL DOUGLAS BUTLER, A.B., Stanford University, 1962

CLARA JEAN LUEKER CARMEAN, A.B., 1960

JOHN ROBERT GREGG, JR., A.B., Hanover College, 1962

MARTHA DUKE HARTMAN, A.B., Pan American College, 1959

CANDACE STEPHENSON HELGESON, B.S., Wisconsin State College (La Crosse), 1943

PETER EDWARD MARTIN, A.B., Principia College, 1962

PEGGY CURREY MEERSE, A.B., Doane College, 1961

ALMA LOUISE MIDDLETON, A.B., 1961

HELEN BERTHA NIEDERWIMMER, A.B., Wartburg College, 1957

KENNETH JOSEPH OBEREMBT, A.B., St. John's University, 1962

MAJOR DAN RAGAIN, A.B., Eastern Illinois University, 1962

PATRICIA GAIL RAYMOND, A.B., Northern Illinois University, 1961

LOUIS ANTHONY RENZA, A.B., Trinity College, 1962

PATRICIA ANNE RIEGER, A.B., 1953

JOAN ANTOINETTE ARCIERI TREZEK, A.B., Marquette University, 1962

KATHERINE BACHE TROWER, A.B., University of California (Berkeley), 1956

JOHN JEROME VON KERENS, B.S., Western Illinois University, 1958

MARY ANN ZACK, A.B., Marquette University, 1962

In French

ANNABEL VOGT ALLEN, A.B., 1962

DAVEY LEE DUNN, A.B., Illinois College, 1956

CARL HERBERT JOHNSON, A.B., Marietta College, 1962

RENÉE TEH-HSIN CHIN LO, A.B., College Misericordia, 1962

ROBERT GLENN ROBERTSON, A.B., University of North Carolina, 1961

GAIL FRANCINE TROYKA, A.B., DePauw University, 1962

In Geography

FRANK JOSEPH JANKUNIS, A.B., University of Georgia, 1962

In German

DOROTHY EDITH TERNES, A.B., Eastern Michigan University, 1960

OTTO WALTER TETZLAFF, A.B., Northern Illinois University, 1962

In History

DANIEL WILLIAM BARTHELL, A.B., University of Notre Dame, 1960

KAREN PRISCILLA BLATT, B.S., Northern Illinois University, 1959

GEORGE HARRY DEMETRAKOPOULOS, A.B., Michigan State University, 1962

DAVID BLESSMAN HILL, A.B., DePauw University, 1960
KENNETH GLENN MADISON, A.B., 1962
JAMES BENEDICT MARTIN, A.B., DeMazenod Scholasticate, 1943

In Labor and Industrial Relations

JACOB MICHAEL EISNER, A.B., Adelbert College, 1962
EDWARD H. GHEARING, A.B., Hanover College, 1958
WILLIAM KIMBALL GRAHAM, A.B., Willamette University, 1961
TOSHIO NAGASHIMA, B.Econ., University of Tokyo, 1955
GARY GAY PETERSEN, A.B., University of California (Los Angeles), 1961
RODNEY MAYER SWEET, B.S., University of Wisconsin, 1962
WILLIAM FREDERICK WEITZEL, JR., A.B., Wheaton College, 1961

In Latin

ROGER LYNE BECK, A.B., Oxford University, 1961
WILHELM DOMINIKUS ECK, A.B., 1962

In Mathematics

MERLINE DEVINE MCCLOUD, B.S., Fort Valley State College, 1954
MARTHA SCHUHMAN, A.B., Oberlin College, 1962

In Philosophy

LEWIS MORTON COLLENS, B.S., 1960

In Political Science

JUDITH ELAINE ALVER, A.B., 1962
RAYMOND STEWART DODDS, B.Econ., University of Sydney, 1948

In Psychology

DOYLE WELDON BISHOP, A.B., University of Colorado, 1961
HOMER HERBERT JOHNSON, A.B., Knox College, 1957; M.S., University of Wisconsin, 1959
MICHAEL ELBERT OGLE, A.B., William Jewell College, 1961
RICHARD HANS SCHULTE, A.B., Michigan State University, 1960
LAWRENCE FRANCIS VAN EGEREN, B.S., St. Norbert College, 1960

In Spanish

CYNTHIA JANE BURNS, A.B., University of Tennessee, 1962
GLORIA CEIDE-ECHEVARRIA, A.B., University of Puerto Rico, 1950
TIMOTHY JOSEPH ROGERS, A.B., University of New Hampshire, 1959

In Speech

ELLA ADELAIDE DOYLE, B.S., Memphis State University, 1962
PAUL GEORGE ELBRECHT, A.B., Texas Technological College, 1958
GLORIA JOAN FISHER, A.B., MacMurray College, 1962
DORIS GREEN GILES, A.B., MacMurray College, 1946
ROBERT CHARLES HAWKES, B.S., Springfield College, 1947
STEPHEN ARNOLD KAYE, A.B., University of Washington, 1961
WALTER FRANCIS KELLY, A.B., University of Miami, 1962
THOMAS WARREN LACKMAN, A.B., University of Delaware, 1962
LIONEL HOUSTON LAWRENCE, A.B. (Hon.), Queen's University, 1962
DIANE ELIZABETH LELITO, B.S., Northern Illinois University, 1962
BRENDA JOANNE ROBINSON, A.B., University of the Pacific, 1962
RICHARD WESLEY THIEDE, B.S., Eastern Michigan College, 1961
GUY WILLIAM THOMPSON, B.S., Eastern Illinois University, 1959
J. ROBERT WILLS, JR., A.B., College of Wooster, 1962

In Statistics

ROBERT WILLIAM GOSSROW, A.B., Knox College, 1962

In the Teaching of English

BARBARA ANN BROWN, A.B., 1962
NAOMI RUTH CLAASSEN, A.B., Wheaton College, 1958

MELINDA ROBERTA DOMAN, B.S., Loyola University, 1962
JESSE BLACK SOMMER, JR., B.S., 1958

In the Teaching of Social Studies

RAYMOND BRADFORD, JR., A.B., Evansville College, 1957
GARY ARTHUR DWORAK, A.B., 1962
PATRICIA HARNEY SMOOT, B.S., 1962

In the Teaching of Spanish

CAROL LEE HEIM, B.S., 1961

Degree of Master of Science

In Accountancy

SHAWKI EL-HUSSEINI MOHAMED MASSOUD FARAG, B.Com., Ain Shams University, 1960
FAYEZ SALIM NOURALLAH, B.Com., Cairo University, 1959

In Agricultural Economics

KENNETH LEE BECKER, B.S., 1961
SUDAMA SWARUP GOUR, B.S., Nagpur University, 1954; M.S., Agra University, 1956
GORDON LEWIS GULLAKSON, B.S., 1962
RAMA SHANKER MISRA, B.S., Agra University, 1949; Assoc., Indian Agricultural Research Institute, 1957
AKKIPEDDI VENKATA KUTUMBA SASTRI, A.B., A.M., University of Madras, 1951, 1954; Diploma, Indian Council of Agricultural Research, 1957

In Agricultural Education

ROBERT ED COOTS, B.S., 1959
JOHN HENRY FEDDERSEN, B.S., 1958
CECIL LAFAYETTE STRICKLAND, B.S., Prairie View Agricultural and Mechanical College, 1960

In Agricultural Engineering

LARRY WILSON COFER, B.S., University of Arkansas, 1961
MANUBHAI PRAGJI NAIK, B.Tech., Indian Institute of Technology, 1961

In Agronomy

ROGER CARL FITES, B.S.A., Purdue University, 1961
RICHARD ROSS SMITH, B.S., 1962

In Animal Science

JAMES LEE COX, B.S.A., Purdue University, 1961
BENNIE BERT DOANE, B.S., Oklahoma State University, 1950

In Architectural Engineering

RONALD NELSON HELMS, B.Arch., 1963
JAMES GEORGE HROUDA, B.Arch., 1961
FRANK LACKA, JR., B.Arch., University of Toronto, 1961
JAY MICHAEL LEAVITT, B.Arch., 1962
RONALD KENT SAWYER, B.Arch., 1962
WILBUR ELMER YODER, B.S., Rhode Island School of Design, 1962

In Biological Sciences

ALFRED THOMAS JOHNSON, A.B., Northwestern University, 1957
SAMUEL LERNER, B.S., 1962

In Biophysics

STEPHEN ARTHUR HAWLEY, A.B., Knox College, 1961

In Botany

EUGENE RICHARD MODJESKI, B.S., 1962

In Chemical Engineering

ROBERT EDWARD PLEVAN, B.Ch.E., Rensselaer Polytechnic Institute, 1961

In Chemistry

EDWARD ASHLEY ANDERSON, B.S., Queens College (New York), 1959
CHARLES FREDERICK HOSLER, JR., B.S., University of Michigan, 1961
DAVID OLIVER HURST, B.S., Wheaton College, 1962
CHRISTIANE JANIE KLINE, B.S., University of Delaware, 1962

In City Planning

JOHN ADDISON FONDERSMITH, A.B., University of Maryland, 1961
ALAN CHARLES RICHTER, B.S., University of Missouri, 1961
ROGER LEE SUDDLESON, B.Arch., Kent State University, 1961

In Civil Engineering

LANCE BOICHOT, B.S., University of Miami, 1961
EUGENE MUNSON BRISACH, B.S., United States Military Academy, 1960
MEL CASTILLO, B.S., University of New Mexico, 1958
CESAR AUGUSTO CORRETTJER, B.S., University of Puerto Rico, 1962
GERASIMOS MICHAEL CRITICOS, B.Eng., American University of Beirut, 1962
FRANK ENRIQUE DE GREIFF, C.E., National University of Columbia, 1962
JAYANTKUMAR PARAGJI DESAI, B.Eng., Maharaja Sayajirao University of Baroda, 1962
BEHROOZ FARSHI, B.S., American University of Beirut, 1962
PAUL STEVENSON FORD, A.B., Monmouth College, 1961
ON-YIN FUNG, B.Eng., McGill University, 1959
DAVID FREDERICK GINGERICH, B.S., Kansas State University, 1962
JOSE GUEMEZ-GARCIA, C.E., National University of Mexico, 1962
JACK HARDIN, B.S., 1962
BARRY JACK MARGOLESE, B.Eng., McGill University, 1962
JACOBO MERENFELD DULBERG, C.E., Central University of Venezuela, 1960
WILLIAM RAY MILLER, B.S., United States Military Academy, 1958
KRISTIAN NYHUS, B.S., University of Alberta, 1956
DONALD JOSEPH PALLADINO, B.S., United States Military Academy, 1958
JAMES WYATT PECK, B.S., United States Military Academy, 1958
JAMES JOSEPH POWERS, B.S., 1959
ALLEN NATHAN REEVES, B.S., Washington University, 1962
GIRI RAO ROYACHOTI, B.Eng., University of Madras, 1951
JAMES RONALD SALLEY, B.S., 1962
PRAYAGA SUBRAHMANYA SARMA, A.B., Andhra University, 1956; B.Sc., Ranchi University, 1961
SURESH DAYABHAI SHROFF, B.S., 1962
JAMES LEE SMITH, B.S., 1961
VIRGILIO EDMUNDO VIVAS MELEAN, B.S., Oklahoma State University, 1957
PHIROZE KHUSHROO WADIA, B.Eng., University of Bombay, 1961

In Commercial Teaching

LINDA SELDERS ALDERSON, B.S., 1954
BARBARA LEE ALLEN, B.S., Illinois State Normal University, 1958
ROBBIE LEE REDMOND, B.S., Alcorn Agricultural and Mechanical College, 1954

In Economics

JOHN OSCAR BORNHOFEN, B.S., 1961
DARRELL ALBERT CHRISTIE, B.S., Jamestown College, 1962
VIRGINIA LEE SMITH OWEN, B.S., Illinois State Normal University, 1962
JOHANN HANNS PICHLER, Doctor, Graduate School of Business Administration and Economics (Vienna), 1960
STANLEY VANAGUNAS, B.S., 1962

In Education

ESTHER DIANE HIRSCH, B.S., 1960
PEGGY RAE SUTTON, A.B., Purdue University, 1962

In the Education of Mentally Handicapped Children

MARY YVONNE GRIFFIN, B.S., 1959
WILLIAM SCOTT JENKS, B.S., Northern Illinois University, 1957

In Electrical Engineering

JOHN TEXEIRA BARROWS, B.S., Brown University, 1961
ROGER SOLEM BREDEK, B.S., 1962
ROMEO TAJANLANGIT CALUD, B.S., University of the Philippines, 1955
ROBERT SPENCER CARTER, B.E.E., University of Delaware, 1962
DAVID LAWRENCE DIBELL, B.S., Grove City College, 1962
HERNANDO DURÁN CASTRO, B.S., 1961
LEONARD FORBES, B.S., University of Alberta, 1962
CHARLES CALVON HIGHSMITH, B.S., 1955
JOHN WESLEY HILL, B.S., 1961
CHARLES ROBERT KIME, B.S., State University of Iowa, 1962
LLOYD GEORGE KNOWLES, B.S., Pennsylvania State University, 1961
FRANK DIETER KOT, B.S., 1962
JOHN EDWIN LEWIS, B.S., Grove City College, 1962
MAROLD HERMAN LOHRENTZ, B.S., 1959
SHIGENORI MATSUSHITA, B.S., University of Tokyo, 1959
ROBERT JOHN MCAULAY, B.Sc., University of Toronto, 1962
WILLIAM WISE PATTERSON, B.S.E., Princeton University, 1962
LUZERN ARTHUR RICHTER, B.M.E., General Motors Institute, 1962
KENNETH SVANE SCHRODER, B.S., 1962
ERWIN EDWARD SCHULZE, JR., B.S., 1962
NORMAN HARKEY SMITH, B.S., 1950
RUDOLPH FRANCIS TROST, B.S., St. Louis University, 1962
RONALD WILLIAM UNNERSTALL, B.S., Washington University, 1959

In Finance

JOHN WILLIAM ALLEN, B.S., 1958
ROBERT LEWIS CONDON, B.S., 1959

In Forestry

JEROLD THOMAS HAHN, B.S., 1962

In Geology

PAULO MIRANDA DE FIGUEIREDO FILHO, Diploma, Universidade de Rio Grande do Sul, 1960
STANLEY HAROLD FROST, B.S., Northern Illinois University, 1961
ALAN GRANGER GOODFIELD, A.B., Ohio Wesleyan University, 1961
KATHRYN GRONBERG O'BRIEN, B.S., 1958

In Health Education

CARLTON MERWIN FANCHER, B.S., State University of New York College of Education (Cortland), 1962
DAVID WALTER LEHMANN, A.B., Ripon College, 1962
MADELINE DASCH SKINNER, A.B., Hunter College of the City of New York, 1962

In Home Economics

JANE LOUISE BONANDER, B.S., Carthage College, 1961
JANIS KAY FINLEY, B.S., 1959
GERTRUDE GUSTAFSON GOBBEL, B.S., Pennsylvania State University, 1949
MARION LOUISE ILLA, B.S., University of Minnesota, 1954
SHARON KAY RANDEL, B.S., Kansas State University, 1962
SISTER MARIANNE BROCK, A.B., St. Francis College, 1956
LOIS FERN THOMPSON, B.S., Western Illinois University, 1961

In Horticulture

BALWANT SINGH, B.Sc., M.S., Agra University, 1952, 1953

In Journalism

CLAUDE FRANCIS BACHAND, A.B., Louisiana Polytechnic Institute, 1962
RICHARD BENNETT BAYLEY, B.S., 1961
ROGER LANGHAM BROWN, A.B., University of Cambridge, 1960
ARLENE ANN BRUEGGEMAN, A.B., Fresno State College, 1961
ROLLIE FARLEY HENKES, B.S., Iowa State University, 1958
MICHAEL BERT SHELLY, B.S., Illinois State Normal University, 1962

In Library Science

LOLA ALLENE BANE, B.Ed., Illinois State Normal University, 1938; A.M., 1939
 MARGARET AMEND BRADOW, B.S., State University of Iowa, 1954
 SALLY THOMPSON BURG, A.B., A.B.(L.S.), University of Michigan, 1937, 1938
 JOHN KERNS BURRITT, A.B., Wartburg College, 1949
 ELIZABETH ANNE CARLSON, B.S., University of Wyoming, 1961
 IRMA MARGARET FALCK, B.S., University of South Dakota, 1933
 MOHSEN MOSTAFA FARID, A.B., Cairo University, 1958
 BETTY TOBA FELDMAN, A.B., Washington University, 1961
 DAVID NEIL FORSYTHE, A.B., Muskingum College, 1962
 RUTH CAROL GULDNER, A.B., State University of Iowa, 1961
 EDWARD FREDERICK HESS, JR., B.S., Northwestern University, 1941; LL.B., 1947
 ILLAH DEANNA HJORT, B.S., University of Wisconsin (Milwaukee), 1960
 WILLIS McCracken Hubbard, A.B., Monmouth College, 1962
 HUI-FANG WU HUNG, B.Ed., Taiwan Normal University, 1960
 MARCIA MARKS JETTON, A.B., 1958
 THOMAS LEONARD KILPATRICK, B.S., Southern Illinois University, 1959
 HYUN KEE KIM, A.B., A.M., Ewha Women's University, 1959, 1961
 REGINA SUN KOO, A.B., National Taiwan University, 1959
 EILEEN WEI-LEE LAI, A.B., National Taiwan University, 1958
 RITA ELLEN LINDEMANN, A.B., 1962
 CAROL FRANCES LUKE, B.S., St. Louis University, 1961
 HELEN PULLEY McREYNOLDS, B.Ed., Southern Illinois University, 1942
 JAMES JOSEPH MICHAEL, A.B., University of Wisconsin, 1961
 JOHN LESLIE RICHARDS, B.S., 1958
 PATRICIA HELEN RINGER, A.B., Kansas State Teachers College (Emporia), 1960
 HARRY PAUL SCHRANK, JR., B.S.C., Ohio University, 1949
 BOBBIE DAVIS SMITH, A.B., Eureka College, 1955
 MARY SCHWEIKERT SPELLMAN, A.B., 1961
 CATHERINE YUH-CHING WANG, A.B., National Taiwan University, 1961
 PAMELA SCAMMAN WARREN, A.B., Nebraska Wesleyan University, 1962
 JOHN MARVIN WELLER, A.B., Knox College, 1962
 SHARON FARMER WILLIS, B.S., Southern Illinois University, 1960
 ETHEL BANKS WILLOUGHBY, B.S., Tuskegee Institute, 1940
 LUCY JEAN WRIGHT WILSON, A.B., Middlebury College, 1960
 KYUNG HI YU, B.S., Central Missouri State College, 1960
 HELEN ZACHMAN, A.B., Geneva College, 1947; B.S., Syracuse University, 1948

In Management

WILLIAM ERNEST MICHENER, JR., B.S., University of Kansas, 1954

In Marketing

RICHARD PAUL EVANS, B.S., 1957

In Mathematics

MARCIA MAY ARMSTRONG, A.B., Sweet Briar College, 1962
 DAVID ERVIN BLAIR, B.S., Beloit College, 1962
 ROBERT EARL GAINES, B.S., 1963
 RICHARD SAMUEL HALL, A.B., Albion College, 1962
 RODNEY LEE HAMBURG, B.S., 1960
 LELAND KITCHIN McDOWELL, B.S.(E.E.), B.S.(Appl. Math.), North Carolina State College of Agriculture and Engineering, 1962, 1962
 KUK-MI KIM PAC, B.S., Rikkyo University, 1953
 WILLIAM WEITZMAN, B.S., 1961
 BETTY JONES WHITTEN, B.S., 1962

In Mechanical Engineering

GALE YANCEY ANDERSON, B.S., Brigham Young University, 1959
 DONALD LEONARD BARTEL, B.S., 1961
 ALEXANDER JOHNSTON III, B.S., United States Military Academy, 1958
 MILTON ALFRED KRUSE, JR., B.S., University of Miami, 1962
 SUSHIL KUMAR MALIK, B.Tech., Indian Institute of Technology, 1962
 HAN CHUAN MOY, B.S.(C.E.), B.S.(M.E.), University of Wisconsin, 1959, 1961

PETER ALLEN PERKINS, B.S., Bradley University, 1963
VEMULA PANDU RANGA RAO, B.Eng., Andhra University, 1961
CZESLAW MATEUSZ RODKIEWICZ, Diploma, Polish University, 1950
WALTER RONALD RYDER, B.S., 1961
KYIN SOE, B.S., 1962
RONALD JAMES VODICKA, B.S., Northwestern University, 1956

In Metallurgical Engineering

HOWARD BERTON AARON, B.Met.E., Cornell University, 1962
DENES ISTVAN BARDOS, B.S., 1962
EMMANUEL DE LAMOTTE, Eng.Physicist, State University of Liege, 1962

In Mining Engineering

RODDA RAGHUNADHA REDDY, B.S., Benaras Hindu University, 1956

In Music Education

CHARLES STEPHEN ALLFREE, B.S., 1957
WAYNE HAROLD BRADTKE, B.S., 1960
GERALD DAVID BUCKLER, B.Mus.Ed., Wartburg College, 1962
KRISTAN EVERETT CRANE, B.Mus.Ed., Murray State College, 1959
WARREN WILLIAM FRANK, B.S., Eastern Montana College of Education, 1961
JACK PAUL HANSEN, B.S., 1960
BRUCE DUDLEY HOAGLAND, B.S., Indiana State Teachers College, 1959
JOHN DAVID LOWERY, B.S., East Carolina College, 1959
MYRON DONALD McLAIN, JR., B.S., 1957
WARREN SCOTT MELAND, B.S., 1962
HOWARD MORTON MILLER, B.S., Temple University, 1962
DORCAS ANN NEWTON, B.S., 1962
WILLIAM DEAN OYEN, B.S., 1958
RICHARD WENDELL PERRY, B.Mus.Ed., Murray State College, 1959
SUSAN BOONE PERRY, B.Mus.Ed., Murray State College, 1959
DOUGLAS WILLIAM REEVE, B.Mus., Oberlin College, 1961
JEAN ROWSE, A.B., Lake Forest College, 1962
MADELINE SARAH SAUERBIER, B.S., Illinois State Normal University, 1960
JUDY MAY SCHNELL, B.Mus.Ed., Illinois Wesleyan University, 1962
SISTER MARY LAURELLE BERKES, A.B., B.Mus., College of St. Francis, 1937, 1957
WILLIAM CLARENCE SMILEY, B.Mus.Ed., Jackson State College, 1962
CHELSEA TIPTON, B.S., Virginia State College, 1955
EDWARD WILLIAM VOLZ, B.Mus.Ed., Northwestern University, 1955
EUGENE LEON YINGLING, B.S., 1959

In Nuclear Engineering

MIRZA AZFAR BEG, B.S., B.Eng., Aligarh Muslim University, 1955, 1959
ARTHUR WALLACE DEYO, A.B., Taylor University, 1962
PRATAP KILACHAND DOSHI, B.S., University of Rangoon, 1961
HAROLD ALBERT KURSTEDT, JR., B.S., Virginia Military Institute, 1961
NORMAN CLARK PATE, B.S., 1961
ALBERTO RODRIGUEZ MARCIALES, Eng., Central University of Venezuela, 1959

In Physical Education

MARSHALL DOUGLAS BANKS, A.B., Morehead State College, 1962
LESTER JAY BROD, B.S., 1962
HOWARD ARTHUR BURNS, B.S., University of Massachusetts, 1957
MARY LOUISE CAPOVAL, B.S., Western Michigan University, 1959
ANTHONY RICHARD CILLO, B.S., Rutgers University, 1952
SONDRA JO CURRY, B.S., Indiana State Teachers College, 1958
ALFREDA FARINA, B.S., Boston University, 1960
JERRY WAYNE GOEGLEIN, B.S., Valparaiso University, 1962
SANDRA JOAN HAGBERG, B.S., Wisconsin State College (La Crosse), 1959
DOUGLAS ALLAN HODGE, B.S., University of Idaho, 1962
EDITH JOHNSON, B.S., Southern University, 1951
JOHN EDGAR LAMBERT, B.S., 1962
RICHARD FREDERICK MACPHERSON, B.S., Springfield College, 1958

SUSAN CAROL NAYLOR, B.S., University of Kansas, 1962
JEAN HELEN PEKARA, B.S., Brooklyn College, 1962
BARRY ELROY STERN, B.S., Springfield College, 1962
GEORGE ALEXANDER TERZIAN, B.S., 1960
LAWRENCE WARSHAWSKY, B.S., Springfield College, 1958
RONALD GEORGE WIGGETT, A.B., Rhodes University, 1951; B.Ed., University of Stellenbosch, 1961
JOANNE WILSON, B.P.E., University of British Columbia, 1962

In Physics

STEPHEN TAYLOR FALK, B.S., Yale University, 1962
RALPH STEPHEN KROES, A.B., Maryknoll College, 1953; B.S., Stanford University, 1962
JAMES STAVERT LOOS, B.S., University of North Dakota, 1962
DAVID WAYNE MANTIK, B.S., University of Wisconsin, 1962
DAVID LESLIE WRIGHT, B.S., Wheaton College, 1962

In Recreation

RICHARD S. ALLEBACH, JR., B.S., Ursinus College, 1962
MARVIN DEAN HEFFINGTON, B.S., 1960
MICHAEL EDWARD HOWARD, A.B., San Jose State College, 1962
EUGENE MAXWELL KIRBY II, B.S., 1962
JOEL AARON LERNER, B.S., University of Massachusetts, 1962
MARTHA JANE LOOMIS, A.B., Michigan State University, 1957; awarded posthumously
JOAN MARIE MAYER, B.S., State University of New York College of Education (Cortland), 1960
ELIZABETH ANN MILLER, B.S., George Williams College, 1948
MARTHA LEE PETERS, B.S., Ohio State University, 1941
LEONARD GLENN ROBERTS, A.B., San Jose State College, 1958
JUDITH CLARK SOLOMON, A.B., Boston University, 1962

In Sanitary Engineering

EDWARD LEE THACKSTON, B.Eng., Vanderbilt University, 1961

In the Teaching of Biological Sciences and General Science

MARLENA KAY BALDRIDGE, B.S., 1962
PATRICIA MASAYE NAKAYAMA, B.S., 1962
AUGUSTINE IKECHUKWUKA OKONKWO, B.S., Kansas State Teachers College, 1960; A.B., William Jewell College, 1961; M.S., Kansas State Teachers College, 1961
ELAINE GERALDINE ROSEN, B.S., 1959
ELIZABETH ANNE STOLTZ, A.B., Greenville College, 1962
DOROTHY MAE PIERRE THOMPSON, B.S., Grambling College, 1957

In the Teaching of Chemistry

PAUL SHEA COHEN, A.B., Brooklyn College, 1960

In the Teaching of Mathematics

CONSTANCE LEONA FULKERSON, A.B., Beloit College, 1931
ARTHUR WILLIAM HAMMAR, B.S., 1961
KARL CORNELL KELLEY, B.S., 1962
ADRIENNE MARIE MADURA, B.Ed., Chicago Teachers College, 1961
GLENN ROBERT MAHLER, A.B., Montclair State College, 1962
SISTER MARY VENARD MCCOPPIN, A.B., DePaul University, 1956
GLORIA JO SNOPKO, B.S., Elmhurst College, 1961

In Theoretical and Applied Mechanics

JOHN JOSEPH HEALEY, B.C.E., Manhattan College, 1962
WESLEY ERNEST HOSKEN, B.S., 1962
KIM ODELL STEIN, B.S., 1962
KARL KENT STEVENS, B.S., Kansas State University, 1961

In Veterinary Medical Science

AMOS POWERS WILSON, D.V.M., Kansas State University, 1943

In Zoology

DAVID BRUCE CRANDALL, A.B., Greenville College, 1961

STANLEY LEE ETTER, B.S., 1961

EDWARD OWEN MOLL, B.S., 1961

JEROME JOHN PAULIN, B.Ed., Wisconsin State College (Whitewater), 1962

JAMES WILLIAM WADDICK, B.S., 1962

Degree of Master of Music

ADA MICHELMAN BLIESENER, B.Mus., B.Mus., American Conservatory of Music, 1931, 1933

EDWARD GEORGE BREWER, B.Mus., A.B., Oberlin College, 1960, 1960

ROBERT HAROLD BROWN, B.Mus., Oberlin College, 1959; M.S., 1960

BARBARA ELAINE GOLDMAN COGAN, B.Mus., 1961

JAMES ELLIOT DAPOGNY, B.Mus., 1962

MARY ANN HOFFMANN, B.S., State University of New York College of Education (Potsdam), 1954

MARILYN RUTH DARE SWITZER, B.Mus., Oberlin College, 1961

GRACE NANNETTE WIECK, B.Mus., University of Louisville, 1961

MICHAEL WILLIAM ZENGE, B.Mus., Oberlin College, 1962

Degree of Master of Education

JEWELL MARIE WISE ADAMS, B.S., Quincy College, 1949

FREDERICK JOSEPH ADELMAN, A.B., San Diego State College, 1956

MARGARET ESTELLA AHLAND, B.S., Culver-Stockton College, 1954

WALTER LEROY ALDRICH, A.B., Shurtleff College, 1957

JOHN HARRY ALEXANDER, B.S., 1958

EDWARD LEE ALLEN, A.B., 1962

ROBERT BRADFORD ANTHONY, B.S., 1960

HELEN JEAN ARTIS, B.S., Tougaloo College, 1958

MAXINE LEE AYRES, B.S., 1960

KENNETH ARTHUR BAKER, B.S., Eastern Illinois University, 1958

MARY JUNE BARKER, B.S., Southern Illinois University, 1958

NORMA HALDENE BEAN, B.S., 1955

KENNETH O. BELL, B.S., Western Illinois University, 1957

OREL LINDSAY BELL, B.S., Southwest Missouri State College, 1949

FREDA STAFFORD BENDER, B.S., Ohio State University, 1936

MARY ANN ALLISON BERGSCHNEIDER, B.S., Northwest Missouri State College, 1957

ROBERT ANGELO BEST, B.S., Southern Illinois University, 1948

KENNETH REGINALD BIBA, B.S., 1960

PATRICIA MUSICK BINZER, A.B., Quincy College, 1951

JAMES JOSEPH BLAHA, B.S., Illinois State Normal University, 1960

BETTY LOUISE BLOOMFIELD, B.S., Western Illinois University, 1958

DOROTHEA LOMAX LONG BLUE, B.S., 1961

JOANNE MARIE BOEHM, A.B., Mundelein College, 1955

IVAN NYE BOOHER, B.S., 1954

ROBERT THOMAS BORDENAVE, B.S., Western Illinois University, 1951

WILLIAM MACGREGOR BRIDGELAND, B.S., 1960

GARY WAYNE BROWN, B.S., 1962

HERMAN EUGENE BROWN, A.B., Stowe Teachers College, 1951

WARREN PIERCE BROWN, A.B., Lake Forest College, 1958

JERRY THOMAS BROWNFIELD, B.S., Eureka College, 1955

JUDITH PETERSON BURD, B.S., Illinois State Normal University, 1961

SYBIL SUE BURGIN, B.S., 1961

BETTY JANE BURNS, A.B., Michigan State College, 1942

STANLEY HERBERT CAMPBELL, B.S., Lincoln University, 1956

ADELBERT FOREST CARPENTER, A.B., 1960

EARL HOWARD CARR, B.S., Southwest Missouri State College, 1957

GEORGE LEWIS CARSON, B.S., Muskingum College, 1953

ROBERT JOHN CASSIDY, B.S., 1959

DIANA KAY CHILES, B.S., 1960
DOROTHY DIRKS CLARK, B.S., Northern Illinois University, 1959
CLARENCE RAY COLCLASURE, B.S., Illinois State Normal University, 1960
HAROLD COLEMAN, A.B., 1962
GEORGE CARLEY CONNOR, JR., A.B., Antioch College, 1961
LONNIE GENE CORDELLE, A.B., Upper Iowa University, 1959
MARY JOSEPHINE CORRIGAN, B.S., Illinois State Normal University, 1957
BETTY JANE COVENTRY, B.S., Eastern Illinois University, 1953
HELEN LOUISE CRAWFORD, B.S., Greenville College, 1951
M. ELIZABETH CRUTCHFIELD, B.S., Murray State College, 1942
CAROLYN TURNER CUBIT, B.S., Southern University, 1956
ROBERT ELLIS CUDNEY, B.S., Quincy College, 1957
DENNIS ALAN DAHL, B.S., 1961
JOAN ANDERSON DAVIS, A.B., 1960
LYDIA KOMNICK DAVIS, B.S., Olivet Nazarene College, 1959
JAMES CLARENCE DESCOUROUZ, B.S., 1960
EUGENE DALE DILL, B.S., Southern Illinois University, 1960
BARBARA ANN DOUTHIT, B.S., 1961
ALICE MARY CONOVER EDGAR, B.S., Eastern Illinois University, 1958
LORYANN MALVINA EIS, A.B., Augustana College, 1960
HOLLIS LEROY EYESTONE, B.S., 1954
ROLAND FALCONER, B.S., Illinois State Normal University, 1949
HARRY DAVID FLUMBAUM, A.B., Georgetown College, 1960
BRENDAN JOHN FLYNN, B.S., Western Illinois University, 1955
JANE MURRAY FLYNN, B.S., Greenville College, 1959
ROSAMOND LOUISE LAVELY FLYNN, B.S., Illinois State Normal University, 1953
SYLVIA WINELAND FRANK, B.S., 1959
BILLIE JOE FULLERTON, A.B., David Lipscomb College, 1955
CLINTON ZENIS GARBS, B.S., Southern Illinois University, 1950
CHARLEEN MILLER GARRISON, A.B., McKendree College, 1959
MARJORIE JOANNE GAVIN, B.S., Bradley University, 1962
ROBERT IRWIN GOODWIN, B.S., 1960
KENNEY EARL GRAY, B.S., Mississippi State University, 1962
VON HAYS GREGORY, B.S., Illinois State Normal University, 1958
GAYNELL MARIE GRUBB, B.S., 1962
ROBERT CALVIN GURLEY, B.S., Southern Illinois University, 1959
LOUISE JEANNE HAGEN, B.S., Illinois State Normal University, 1950
ERNEST MARK HANSON, JR., B.S., 1961
DONALD LLOYD HARVEY, B.S., University of Colorado, 1939; B.S., California Institute of Technology, 1941
JAMES TEMPLE HASHBARGER, B.S., 1954
GLENN WARREN HAYES, B.S., 1961
SUSIE ELIZABETH HAYES, B.S., 1960
ANN STANLEY HEALEY, A.B., 1960
LEO BARRON HICKS, SR., B.S., Lincoln University, 1956
DONALD RAY HISH, B.S., Illinois State Normal University, 1960
JACK HOBBS, B.S., Southwest Missouri State College, 1957
MARGARET JOHNSON HODGE, B.S., University of Idaho, 1962
IRLENE AMMANN HONSELMAN, B.S., Illinois State Normal University, 1957
PATRICIA LOU HOOKS, B.S., Olivet Nazarene College, 1957
RALPH ELWYN HUBBARD, A.B., Aurora College, 1954
LILEEN RUPPEL HUNT, B.S., University of Wisconsin, 1959
PAUL H. HUNT, B.S., Millikin University, 1958
MARGARET LUCILLE HUSTEAD, B.S., Illinois State Normal University, 1959
HELEN LUSK JAVIOR, A.B., 1956
WILLIAM RYAN JENKINS, A.B., Knox College, 1955
ROGER ALLEN JENSEN, A.B., McKendree College, 1958
MILLIE BUSBY JODA, B.S., 1955
JERRY GLENN JOHNSON, B.S., Southern Illinois University, 1958
NEIL ALFRED JOHNSON, B.S., Wisconsin State College (Oshkosh), 1956
RAYMOND THOMAS JONES, A.B., Shurtleff College, 1952
WARREN EUGENE JORDAN, SR., A.B., Bob Jones University, 1957
PAUL RICHARD KEISER, B.S., Northern Illinois University, 1959

LORENE GEHLBACH KENDALL, B.S., 1960
DONALD EDWARD KENNEY, B.S., 1961
PATRICIA MARIE KIDWELL, B.S., Eastern Illinois University, 1958
ROBERT JOHN KOLENO, B.S., 1961
PHYLLIS TATSUKO KUBOTA, B.S., Northwestern University, 1962
GUY McDOWELL LAHR, JR., B.S., Shurtleff College, 1953
MARY RUTH DOUGLAS LAHR, A.B., McKendree College, 1953
RICHARD LAWRENCE LANGENFELD, B.S., 1958
DONALD FLOYD LARSON, B.S., 1957
NINA PHYLLIS LEWIS LASTER, B.S., Lincoln University, 1954
ROBERT EUGENE LAWSON, B.S., 1960
ROBERT WESLEY LEACH, B.S., Illinois State Normal University, 1957
WINFORD CARL LEGATE, B.S., 1957
CHARLES ROBERT LEININGER, B.S., Western Illinois University, 1961
JACOB DAVID LIFSHIN, B.S., 1962
RAYMOND WAYNE LIVINGSTON, A.B., 1951
JEANETTE LEE LOHBAUER, B.S., 1961
BERNARD LONG, B.S., Illinois State Normal University, 1957
GARY D. LONNON, B.S., Millikin University, 1960
PAULINE THOMAS LUTHI, B.S., Purdue University, 1936
RONALD JON LUTZ, B.S., Western Illinois University, 1961
CHARLOTTE ELIZABETH LYON, B.S., Michigan State University, 1953
MARJORIE JEANNE MACY, B.S., 1948
THOMAS FRANCIS MARRY, JR., A.B., St. Ambrose College, 1951
REINHOLD GUSTAV MATTES, B.S., 1962
RALPH PHILBROOK MAYALL, B.S., 1948
GEORGE WILLIAM MCARDLE, B.S., Illinois State Normal University, 1959
MARGARET STEEN MCBROOM, B.S., Olivet Nazarene College, 1950
GERALD LEO MCCOY, B.S., Mankato State College, 1960
MARY CASSIDY MCCOY, B.S., 1961
ROBERT FRANCIS MCFADDEN, A.B., Lewis College, 1962
PATRICIA BOYER MCKAY, B.S., Ball State Teachers College, 1960
MESEL LENA MCLAURIN, B.S., Alcorn Agricultural and Mechanical College, 1948
SHEILA ANN MCMILLAN, B.S., 1960
RONNIE RAY MCNEAL, B.S., Illinois State Normal University, 1958
EDWIN DALE MELLON, B.S., 1950
MARILYN RUTH BLOCK MELTON, B.S., 1954
MILDRED MADALYN MICUCCI, B.Ed., National College of Education, 1955
WILLIAM CARL MITZE, B.S., Illinois State Normal University, 1960
RUTH ELEANOR MOLINE, B.S., Kansas State University, 1959
RONALD PETER MONGE, B.S., Eastern Illinois University, 1960
ALAN CLAIRE MOORE, B.S., Eastern Illinois University, 1957
EDWARD WESLEY MOORE, B.S.(L.A.S.), B.S.(Educ.), 1942, 1956
PHYLLIS EVANS MOORE, B.S., 1942
RONALD WILLIAM MORELAND, B.S., Eastern Illinois University, 1962
CHARLES HADLEY MORINE, B.S., 1955
PAUL EDWARD MORRIS, B.S., Quincy College, 1950
LYLE WARREN MORROW, B.S., Illinois State Normal University, 1958
WILLIAM HARLAN MOUTRAY, B.S., Eastern Illinois University, 1957
BLANCHE GRIEVE NASH, B.S., Montana State College, 1960
HAROLD RANDALL NELSON, B.S., Western Illinois University, 1957
HOPE BROWN NELSON, B.S., Eastern Illinois University, 1949
JANICE ANDERSON NUSS, B.S., Illinois State Normal University, 1958
RAYMOND JOSEPH O'DONNELL, B.S., Michigan State University, 1951
EARLINE MCPHERSON OLIVER, A.B., McKendree College, 1957
LORRAINE BRANSON OLSON, A.B., Culver-Stockton College, 1937
MELVIN ROSS PARTRIDGE, B.S., Southern Illinois University, 1959
MAXINE MARILYN PATTERSON, A.B., Fisk University, 1950
ROBERT LEE PATTERSON, B.S., Western Illinois University, 1957
FRED A JOHNSON PHILLIPS, B.S., Illinois State Normal University, 1950
JOANNA BEGGS PITTMAN, B.S., Southern Illinois University, 1953
MARGARET DOELLING PODESTA, B.S., Eastern Illinois University, 1958
GERALD BERNARD PODLIN, B.S., 1959

ROBERT ERNEST PORTER, B.S., 1961
LLOYD DALE PROVOW, B.S., Illinois State Normal University, 1959
DAVID JOSEPH PUCEL, B.S., Stout State College, 1962
COULTER STEPHANI PUSTMUELLER, B.S., Southern Illinois University, 1954
BETTY BREWNER QUICK, B.S., Northern Illinois University, 1950
LEROY FRANKLIN RADER, B.S., Western Illinois University, 1960
REBECCA EUNICE RAFFE, A.B., James Millikin University, 1951
DENNIS THOMAS RAINSFORD, A.B., 1956
KATHRYN ANN RANSOM, B.S., Southwest Missouri State College, 1958
DAVID EUGENE RAYHILL, B.S., Millikin University, 1958
JACK RAY REEDER, A.B., Eureka College, 1957
LARRY HAYDEN REYNOLDS, B.S., Michigan State University, 1959
FLORENCE SMITH RICHARDS, B.S., Eastern Illinois University, 1953
BERNICE ARLENE RICHMOND, B.S., Illinois State Normal University, 1959
VIRGINIA LEE ROCKE, A.B., Colorado College, 1951
LEILA ELIZABETH ROADY ROWDEN, A.B., Illinois College, 1938
EDWARD A. ROWLEY, B.S., Wisconsin State College (Eau Claire), 1958
THOMAS FRANK RUSSO, B.S., 1960
SAMUEL JAMES RYERSON, B.S., Millikin University, 1958
WENDELL EMERSON ST. JOHN, B.S., 1960
MARY RITA SAMLIN, B.S., Illinois State Normal University, 1957
PAUL WALTER SAREWICH, B.Ed., Chicago Teachers College, 1958
DONALD LEE SCHAEFER, B.S., Eastern Illinois University, 1960
PHILLIP HERMAN SCHMIDT, B.S., Western Illinois University, 1958
JIMMIE JOE SCHMITT, B.S., Illinois State Normal University, 1958
ROBERT EUGENE SCHNELLE, B.S., Illinois State Normal University, 1958
JOHN FREDRIC SCHOLFIELD, B.S., Illinois State Normal University, 1958
ANNE MURRAY SCHOTT, A.B., College of St. Catherine, 1941
CHARLES WESLEY SCHRADER, B.S., 1958
JOHN DAVID SECHREST, B.S., Eastern Illinois University, 1949
JOHN KEITH SELLERS, B.S., Eastern Illinois University, 1951
KENNETH ALAN SHAW, B.S., Illinois State Normal University, 1961
CHARLES FRANKLIN SIDES, B.S., Texas Christian University, 1959
DORR LESTER SIMER, B.S., 1959
SISTER MARY MERCY CONNOR, A.B., St. Ambrose College, 1955
SISTER MARY JEANNETTE MCGRATH, B.S., Loyola University (Illinois), 1957
SISTER MARY PAULETTA OVERBECK, Ph.B., Loyola University (Illinois), 1958
SISTER MARY ANDREA SMITH, A.B., San Diego College for Women, 1958
VERNA RUHMAN SLATER, B.S., 1959
HERBERT JACQUEMIN SLIGER, B.S., 1950
ROBERT ANTON SOUCEK, B.S., Northwestern University, 1947
JOSEPH ALBRIGHT SPRINGER, B.S., University of Notre Dame, 1954
MARGARET ALKIRE STARK, B.S., 1961
CONNIE LAVERNE STEPHENS, B.S., Lincoln University, 1957
RALPH MERLE STIVERS, B.S., 1943
ALVAH LEE STONE, JR., B.S., Olivet Nazarene College, 1955
SIDNEY STRAUSS, B.S., 1962
JOHN DONAHUE SWEENEY, B.S., 1957
RODNEY OLIVER SYMES, JR., B.S., University of Chattanooga, 1960
DONALD EUGENE TAYLOR, B.S., Southeast Missouri State College, 1958
RUTH ALICE BRADLEY THEIS, B.S., Olivet Nazarene College, 1956
ROBERT LEE THORSTENSON, B.S., Illinois State Normal University, 1956
EUGENE FRANCIS TOMASZEK, B.S., Loyola University (Illinois), 1955
ROBERT GORDON TURNER, A.B., Knox College, 1947
IRMA EDITH UNZ, A.B., North Central College, 1925; A.M., University of Wisconsin, 1936
ARVALYN BREMER VAN ETEN, A.B., 1961
NICK GEORGE VEREMIS, B.S., Southern Illinois University, 1954
PATSY RUTH VOLNER, A.B., Centre College, 1954
RUTH WEIGANT VOLZ, B.S., Illinois State Normal University, 1957
MARILYN KAY TAYLOR VON LANKEN, B.S., Millikin University, 1958
PAUL DALE WALKER, B.S., 1958
EDEL WEBB, A.B., Harris Teachers College, 1957

FERNE STOGDILL WEHER, B.S., Illinois State Normal University, 1960
CLARK RICHARD WHITE, B.S., Northern Illinois University, 1960
FRANCES RUTH MCCORMICK WHITE, B.S., Eastern Illinois University, 1960
WAYNE REX WHITLATCH, B.S., 1960
RUTH E. JOHNSON WHITMARSH, B.S., Carthage College, 1951
LOREN IFORD WICKERT, B.S., 1958
ALFRED J. WILSON, B.S., Southern Illinois University, 1958
VIVIAN ANTOINETTE WILSON, B.S., Hampton Institute, 1962
JOHN HENRY WIRTZ, B.S., 1956
WILLIAM JACOB WITTMAYER, B.S., Western Illinois University, 1958
RAE PRAY WRIGHT, B.S., Purdue University, 1959
GEORGE JOSEPH YARD, B.S., Illinois State Normal University, 1959
CAROLYN MOORE ZEISSET, A.B., Westmar College, 1962

Degree of Master of Social Work

GAIL LUCILLE BREFELD, B.S., 1959
MARILOU HUDDLESTON BURNETT, A.B., Oklahoma State University, 1950
THOMAS ANDREW BURNS, A.B., LL.B., Ed.M., 1941, 1947, 1957
AGNES OAKS STEFFY, A.B., Albright College, 1961

Degree of Master of Fine Arts

In Painting and Printmaking

ROBERT EDWARD ANDERMANN, B.F.A., 1952
RICHARD THOMAS FAIRFIELD, B.F.A., Bradley University, 1961
JOHN LOUIS VOGT, B.F.A., Kansas City Art Institute, 1961

Degree of Master of Accounting Science

CLARK DEAN HOLLINGSWORTH, A.B., Coe College, 1962
RICHARD VINCENT JOHNSON, B.S., Northern Illinois University, 1962
FOLKE GUSTAV KARLING, Diploma, Stockholm School of Economics, 1961
WILLIAM THEODORE MIDDENDORF, B.B.A., University of Notre Dame, 1962
RASIDI, B.S., 1962
R. OSKAR SOERJA ATMADJA, B.S., 1962
SUMANTRI SUMODIRONO, B.S., 1962
ARLAN DEAN WILLOCK, B.S., 1959

Degree of Master of Architecture

DAVID PETER BRORS, B.Arch., 1961
ROBERT MACDONALD FORD III, B.Arch., University of Washington, 1962
WILLIAM KYLE GREENOCK, Diploma, Royal College of Science and Technology, 1962
ROBERT PHILLIP HOLMES, B.Arch., North Dakota State University, 1961
CARL KA WOO MARK, B.S., Taiwan Provincial Cheng Kung University, 1957
JOSEPH BERNARD SHAUGHNESSY, JR., B.Arch., University of Notre Dame, 1956
JERRY WILLIAM SPENCER, B.Arch., University of Nebraska, 1957
ROBERT LAWLEY WRIGHT, B.Arch., Oklahoma State University, 1962

Degree of Master of Commerce

KARL LEO GREITER, B.S., 1961

Degree of Master of Business Administration

JOHN HOWARD WILLIAMS, A.B., 1962

Degree of Master of Comparative Law

PIRKKO KAARINA KOSKINEN, LL.B., Helsinki University, 1956

Degree of Master of Extension Education

WEBSTER ELLSWORTH BAY, B.S., University of Missouri, 1954
BRAHMA DEO PANDEY, B.S., M.S., Ph.D., Banares Hindu University, 1952, 1954, 1961

Advanced Certificate*In Education*

- WILLIAM E. AUGUSTUS, B.S., Illinois State Normal University, 1949; Ed.M., University of Colorado, 1950
 HILDE MARIE BLOCH, A.B., Millikin University, 1943; A.M., University of Wisconsin, 1951
 DAN TOM BOURBULAS, A.B., A.M., 1953, 1954
 EDWARD RAYMOND BROGLY, B.S., M.S., Northern Illinois University, 1953, 1958
 EVA FILCHAK BROWN, B.S., Millikin University, 1948; Ed.M., 1955
 JOHN ALLEN COLWELL, A.B., Augustana College (South Dakota), 1957; M.S., 1962
 JOSEPH CARROLL DEATON, B.Ed., Southern Illinois University, 1941; M.S., 1949
 DALE DEAN DOWNS, B.S., Eastern Illinois University, 1956; Ed.M., 1961
 FRANK DUFOUR, B.S., M.S., 1949, 1950
 ADRIAN WILLIAMS ERNST, B.S., Eastern Illinois University, 1951; Ed.M., 1955
 MARY JANE FORD, B.S.E., Arkansas State Teachers College, 1948; M.S., 1955
 MICHELE GRANT, B.S., Lincoln University, 1952; Ed.M., 1955
 ROBERT LEON HAMAN, B.S., Southeast Missouri State College, 1953; Ed.M., 1959
 HOWARD PAUL HAUG, B.S., Illinois Wesleyan University, 1943; M.S., Illinois State Normal University, 1960
 WILLIAM MARVIN ISOM, B.S., M.S., Eastern Illinois University, 1952, 1954
 HAROLD SNODDY JESTER, B.S., 1930; A.M., State University of Iowa, 1943
 ROBERT GENE KIDD, B.S., M.S., 1952, 1958
 BURTON LEONARD LEAVITT, A.B., Albion College, 1952; M.S., Hunter College of the City of New York, 1954
 THOMAS EDWARD MCCLLOUD, B.S., Fort Valley State College, 1955; M.Mus.Ed., Vandercook College, 1962
 KATHRYNE RUTH NISBET, B.S., M.S., Millikin University, 1952, 1957
 JOHN EDWIN ROBERTSON, B.S., M.S., 1949, 1955
 ERTHEL ELMO ROSE, A.B., Morehead State College, 1954; Ed.M., 1960
 ALFRED JOSEPH SOMERS, B.S., M.S., Illinois State Normal University, 1957, 1958
 CARL MULFORD TAUSIG, JR., Ph.B., University of Chicago, 1949; A.B., DePauw University, 1950; A.M., University of Chicago, 1954
 ROLAND BERNARD WICKISER, B.Ed., M.S., Eastern Illinois University, 1943, 1955

In Music Education

- ALMA MARJORIE JONES SMITH, B.Mus., DePauw University, 1932; M.S., Eastern Illinois University, 1954

Certificate of Advanced Study in Librarianship

- ELDON CHARLES HART, A.B., Brigham Young University, 1938; B.S., A.M., 1939, 1940

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

- | | |
|--------------------------|-------------------------|
| KENNETH DEAN BRAZLE | WAYNE HOWARD OBERLE |
| JEFFREY HAROLD GILLESPIE | DOYLING GENE PATTERSON |
| JOSEPH EVERRETT HODGES | JOHN MICHAEL PITZER |
| JOHN THOMAS HOYME | DWIGHT RUSSELL ROBINSON |
| WILFORD EUGENE LEASURE | RICHARD LEE SCHULTZ |
| DON HOWARD LIVINGSTON | RODNEY CORDELL SMITH |
| LARRY JAMES LOWE | KENNETH CHARLES SPRATT |
| JOHN RONALD MOULTON | |

In Food Technology

- LARRY RALPH WANTLAND

In Forestry

- STEPHEN JOHN HANOVER

In Home Economics

- KAREN ETTA HOLZHAUSER

- MARY RAY MOSER

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical and Astronautical Engineering

KENNETH RICHARD CHERNIAWSKY
 DARRELL WAYNE CUMMINGS
 TED JOSEPH KUSNER
 ERMEL JAMES MCELWEE, JR.

MARSHALL DWAIN RICHARDSON
 JOHN ARNOLD SEAVEY
 RICHARD EDWIN SLOVACEK

In Agricultural Engineering

CHARLES WAYNE ANDERSON

DOYLE JULIAN HORTIN

In Ceramic Engineering

ORVILLE RAY PENROD

In Civil Engineering

KEITH PAUL FORTIN
 JAMES ALBERT GOFF
 KURT PETER HAMANN
 ROBERT GERALD KRIMMEL
 RICHARD JOSEPH MCPHERSON
 DALE DEAN MEREDITH, Highest
 Honors
 NARESHCHANDRA MAFATLAL MODI
 DONALD DEAN OGLESBY

RONALD JAMES SABALLUS
 ROBERT ROGER SHAFER
 GUILLERMO MANUEL TORRES
 JOSEPH GEORGE TSIVOLEDAKIS
 WILLIAM GRANT WESTALL
 GARY LEE WOOD
 PATRICK JOSEPH YONIKAS
 RICHARD M. ZARE

In Electrical Engineering

AMADO JULIO ACOSTA CASTRO
 JAMES CHARLES AGUE
 JOHN DANIEL AREND
 SUHAS PRATAPRAO BAGWE
 THOMAS WILLIAM DAHLGREN
 NORMAN KIRK DORNSEIF, Honors
 WILLIAM ARTHUR ESCHNER
 GERALD FREDERICK FRANK, High
 Honors
 LEO GEORGE GENSLER
 GEORGE GOEBEL
 RONALD CARL HALLENDORFF
 MELVIN DALE HASSEBROCK
 IVAN PAVLOV IVANOV
 SAMUEL CHUNGSHU KUO
 HARRY ROBERT LANE

VIRGIL GEORGE LEENERTS
 EUGENE SCOTT LEHERISSEY
 THOMAS RICHARD MIHM
 CHARLES JEROME NIX
 RICHARD WILLIAM RAYMOND
 HENRY CARLTON ROWE
 CARROLL ERNEST SCHEER
 THOMAS WILBUR SIGBORN
 THOMAS MICHAEL SMITH
 LARRY ZANE SOGER
 KENNETH AUSTIN THOMPSON
 JAMES ROBERT VAN CLEAVE
 DIETRICH VEDDER, Highest Honors
 PAUL GLENNON WEINGAND, Honors
 ROY EUGENE WHEELER, High Honors
 THOMAS JAMES WOJCIC

In Engineering Mechanics

ALAN BRUCE WHITMAN, High Honors

In General Engineering

DONALD JOHN AKERS
 NORMAN FRANK BOSEK
 PHILIP ARTHUR DECKOWITZ
 CHARLES RANDALL HINSON

WARREN ALFRED NIELSEN
 PHILIP EDMOND O'DONNELL
 THOMAS WILLIAM OSIKA

In Industrial Engineering

ROBERT RUEBEN GERSON
 PAUL DEAN GOODWIN

JOSEPH THOMAS KOWALSKI
 CURTIS BRADLEY VEVANG

In Mechanical Engineering

RICHARD BRUNO ADAMS
 ALBERTO BUESO-TAQUECHEL
 THOMAS CHEW
 HARRY GRANT CLARK
 LEONARD RAY CUTLER
 JOHN MICHAEL DEANO
 KENNETH THOMAS HONSIK
 RAYMOND KENNETH JURVICH

ROBERT JOSEPH KRANE
 HYACINTH OHAKWE OHAYA
 MICHAEL CRAIGE PINNEY
 LOUIS WILLIAM SANDOW
 ROBERT LEE SHELBY
 DONALD FREDERICK SPURLING, Honors
 ROBERT HENRY VANDERMOLLEN
 SHERRILL LEE WOHLWEND

In Metallurgical Engineering

RALPH ALLEN MENDELSON

ANTHONY CHARLES SCHAFFHAUSER

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

JOHN RICHARD ALLISON
 JANE ELLEN ANDERSON
 GEORGE EDWARD BEHR
 THOMAS JOHN BENDA
 HELENE FAITH BERNICK
 MARIAM WEED BETHEL
 FREDERICK LEE BLANFORD
 HERMAN BRANDAU
 ARNOLD DAVID BREYER
 ROBERT LAURENCE BUCK
 ANTHONY ROLAND BURRELL
 ERIKA ROTT DILLON
 PAUL RADKOFF EK
 THOMAS PAUL FARR
 JACK ALLEN FISH
 ARLEEN ELYNNE FREEMAN, Honors in
 Liberal Arts and Sciences
 LIANE JUDITH FRETZIN
 BARRY BRUCE GLASHAGEL
 LARRY ALLEN GUERRERO
 WALTER DAVID GULLER
 WILLIAM EDWARD MICHAEL
 HACKLEMAN
 DAVID MAMORU HAYANO
 MICHAEL LOUIS HOCHBERG
 GUNTHER JOHANN HOLST, Honors in
 Liberal Arts and Sciences with
 High Distinction in German
 MARGIE ANN HUMM
 DAVID JEROME JACKSON, Honors in
 Liberal Arts and Sciences with
 High Distinction in Philosophy
 GERARD ALAIN JODON DE VILLEROCHÉ
 VIRGINIA LEE JONES

MARY ELLEN KASTEN
 CAROL JEAN KOPAY
 KARLYNN RUTH LANGE
 FREDERICK DAUGHERTY LITVIN
 VICTOR THOMAS LUKAS
 MARILYN ANN METHENY
 ALAN LE ROY METZ
 MAIJA DUMPIS MICHEJDA, Honors in
 Liberal Arts and Sciences
 SYDNEY JOEL MISHKUTZ
 MARY FRANCES MULLANE
 GERALDINE SHARPE NEWTON
 CHARLES ORLOFF
 IZIDA VIKTORIJA PETRAVICIUS
 THEODORE EUGENE PLUCINSKI, Honors
 in Liberal Arts and Sciences with
 Distinction in Zoology
 STEVEN EARL PRICE
 MELINDA DALE RUTHERFORD
 PATRICIA LEONA SABAL
 NANCY DAYTON SIDHU
 MICHAEL ALLAN SILVERTON
 SHIRLEY MAE SIMS
 MARGOT STERN
 ROGER FRANKLIN STEVENSON
 ALLAN JAY WALLACE
 LESLIE RAE WENKER
 BLAIR WHITNEY, Honors in Liberal
 Arts and Sciences with High Dis-
 tinction in English
 GARY SHERWIN WILD
 MARTHA JEAN WOLLENWEBER
 ANNE LEARMONTH YOUNG

In the Teaching of Social Studies

MARY JUDITH HACKMAN, Honors in
 Liberal Arts and Sciences

STEPHEN STANLEY HODYKE
 MARION BETH STAFFORD

Degree of Bachelor of Science*In Chemical Engineering*

DANIEL PAUL HEDDEN, Honors in
 Liberal Arts and Sciences
 RANDY LEE STOTLER
 ANTONIO VIDAL LAMILLA, Honors in
 Liberal Arts and Sciences with
 High Distinction in the Curriculum

JIH HSIN YANG

In Chemistry

ARTHUR EDWARD HELD, Honors in
 Liberal Arts and Sciences
 LLOYD MARTIN HOLM, Honors in Lib-
 eral Arts and Sciences with High
 Distinction in the Curriculum

STEPHEN ARTHUR YOUNG, Honors in
 Liberal Arts and Sciences

In Liberal Arts and Sciences

LUIS MARIANO ALBERT
 JOHN ROBERT ANTOSIAK
 CAROL PERNEL BECKER, Honors in
 Liberal Arts and Sciences
 STEPHEN ARNOLD BLISCHKE
 RICHARD WILLIAM BOEVING
 BOB ELLIOT BOGOLUB, Honors in
 Liberal Arts and Sciences
 ROBERT LOUIS BRAUN
 GERALD ANTHONY CARAVELLI
 DAVID CHANG
 RICHARD LAURENCE COEN
 JON WILLIS CULTON
 DARVIN DALE DRENKHahn
 WILLIAM LESTER ETHERIDGE
 KENNETH BARRY FINE, Honors in Lib-
 eral Arts and Sciences with High-
 est Distinction in Mathematics
 EDWIN ALBERT FISCHER
 EDWARD JEROME GALLAGHER
 DAVID MICHAEL GRAHAM
 OMAR SULIEMAN HAMMUDA
 PHILLIP CLARENCE HEEMSTRA

KENNETH ROBERT HEINEMAN
 MORTON JAY KANTER, Honors in
 Liberal Arts and Sciences
 THEODORE JOHN KAYE
 JUDITH KAY KRAMZAR
 ROGER JOSEPH LEDERER, Honors in
 Liberal Arts and Sciences
 RONALD LEIGH LUKEN
 WALTER CLARENCE LYNGE, Honors in
 Liberal Arts and Sciences with
 Highest Distinction in Mathematics
 ROBERT NIMROD MINER
 VICTOR JOSEPH PELLEGRINI, Honors in
 Liberal Arts and Sciences with
 Highest Distinction in Mathematics
 JAY RAYMOND POWELL
 LESTER THEODORE RICHTER, JR.
 JOHN PHILLIP RUY
 PAUL FRANKLIN SANFORD, Honors in
 Liberal Arts and Sciences
 RONALD DAVID STANGE
 ELAINE BEVERLY TROUSIL
 ELMER LEE TYREY

In the Teaching of the Biological Sciences and General Science

BONNIE ADRIENNE LAU

HELEN SUE SPEISER

In the Teaching of Mathematics

PEARL LYDINE HANNULA, Honors in
 Liberal Arts and Sciences with
 High Distinction in the Curriculum
 CLAUDE RICHARD KRAMER, Honors in
 Liberal Arts and Sciences with
 High Distinction in the Curriculum

STANLEY JAMES SCHAUMBURG
 ELEANOR ANN SWIFT

COLLEGE OF LAW

Degree of Bachelor of Laws

VERNON DALE ASHMORE, A.B., South-
 ern Illinois University, 1959
 ROBERT ALAN HAYES, B.S., 1961
 JOHN ELI JUERGENSMEYER, A.B., 1955;
 A.M., Ph.D., Princeton University,
 1957, 1960
 PAUL JOSEPH KNAPP, A.B., 1961
 LAWRENCE HERMAN LIBERMAN, B.S.,
 1960
 CRAIG EUGENE MCGUIRE, B.S., 1962
 RICHARD EDWIN O'LEARY, A.B., 1955

PAUL LESLIE PRATT, A.B., Illinois
 College, 1962
 NOLAN KENT SIMS, B.S., Eastern
 Illinois University, 1960
 WILLIAM VAN HORN SMITH, A.B., 1961
 WALTER ROBERT STEWART, A.B.,
 University of Maryland, 1959
 SALVATORE ROSARIO STRAZZANTE, A.B.,
 1962
 HARRY JOHN WESTFALL, A.B., 1960
 LEO WOTAN, JR., B.S., 1960

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

GLENN DEE BATEMAN
 BABETTE SPRAGG DICKELMAN
 ROGER ALLYN FOX

FABIO RESTREPO LOPEZ
 GERALD FRANCIS SMITH
 SUSAN RANDALL VAUGHN

In Elementary Education

WANDA WELLS BRODIE, High Honors
 MARY KENNEDY BROWN

VELMA DELOIS BROWN
 ALMA CRUSE BRUHN

CAROL LAWRENCE CLAPPER
 LOUISE HIGGINS CLEVELAND
 JAMES HARLYN ELLIS
 GITA WARSHAWSKY FISHER
 IDABELLE FULTON
 EDNA JACKSON HORNE
 MILDRED ANN LANGFORD
 JOLENE MARY MARCACCI
 MARGUERITE ANDREWS McDANIEL
 MARILYN NICCUM McDEVITT

JANICE SUE MEIZLESH
 CHARLES LEONARD MONTGOMERY
 ELLEN DUGAN PASCUCCI
 MARCIA BROWN PULLIN, Honors
 ROSE ANN SARGINSON
 JUDITH ANN SCHAFFENACKER
 PATRICIA KOLAR SCHMIDT
 JANET MARY STUMPF
 JOYCE MARGARET STUMPF
 PHYLLIS WIEST THOMPSON, Honors

In the Education of Mentally Handicapped Children

BONNIE SUE CAMPBELL

SHIRLEY ANN JENKS

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

WILLIAM LEE BAUER
 WILLIAM RICHARDS CASH
 DONALD LEROY DEAN
 DENNIS MICHAEL DEEMO
 GLENN WILLIAM DODD
 ROY ROBERT DUSSELL
 CHARLES MARIUS MASSETT
 PAUL JOHN MEGINNIS II
 RONALD LEE MEITZLER

MICHAEL MORGAN OCHSENSCHLAGER
 FREDERICK JOSEPH SULICH
 JAMES BERNARD SZALCZYNSKI
 LARRY DEAN TAYLOR
 DONALD EUGENE VAGNER
 RAYMOND JOSEPH VILUTIS
 MELVIN ROBERT WALDMAN
 MARION CHARLES WALTON

In Commercial Teaching

JEANNE LILLIAN EHLERS

JANICE KAY KESSLER

In Economics

DONALD BLAIR BROWN
 DAVID WILLIAM GAFFRON
 CHARLES CURTISS KAUFMAN

JACK EDWARD LUNDY
 RAYMOND FRANK WHITNEY

In Finance

KENNETH JOSEPH BOKOR
 CLINTON EUGENE BRALY
 WILLIAM ALAN FOISY
 DELBERT LEE KYGER

RICHARD PAUL MOCHEL
 LAWRENCE ABBOTT MYERS
 STEPHEN REYNOLDS YOST

In Industrial Administration

JOSEPH CHARLES STRANCE

In Management

DANIEL ANTHONY ANGELUS
 DENNIS JOSEPH GREEN
 DAVID LAWRENCE GURCZEWSKI

MERLE GENE HURELBRINK
 ROBERT HENRY OSTERMAN
 STANLEY THOMAS RIPSIS

In Marketing

ROBERT LEONARD BARTZ
 ROBERT WADE BLAESING
 WILLIAM EDMUNDS BUGG
 ELAINE ALICE COORENS
 STANLEY PAUL COPELAND
 RICHARD REX FISHER
 WILLIAM ERVING GEEVER
 JOHN GOLDE
 BARRY LEE GORDON

JOYCE ANN HITES
 WARD SEYFARTH JOHNSON
 HARVEY ALAN LEVA
 CLYDE RICHARD LORTZ
 KAREN SUE OLSON
 ANTONIA RISK
 JOHN GERALD RUBLE
 GARY ARTHUR SNELL
 ROBERT JOHN ZAWACKE

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Communications

LINNEA JO ASPLIND
 PAUL MILTON DAVIS

ROGER VON DELLINGER
 PAUL MAZMANIAN

JOAN LORRAINE KOZA
HERBERT LYLE ROSS

GARY KENNETH WOLF

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

RAYMOND MAURICE BROADY
LIDA BUDKO
JOHN HARRY LARSON
ALBERT MAURYCY MICHEJDA
JERRY DEE MOORE

GEORGE MOY
RONALD MAYER SPIEGEL
AUGUST PETER WISNOSKY, JR.

Degree of Bachelor of Fine Arts

In Advertising Design

EUGENE RICHARD FOWLER

In Art Education

NANCY TRACY B. CROCKETT
DEBORAH ADAMS DAVIS

ELINOR ANN NIELSEN, High Honors

In Industrial Design

JAMES GILBERT HANSEN
JERRY ALAN NICHOLS

CHARLES LATIMER WERLY

In Painting

LORNA JANE BELL

MARY MARGARET PARKER, Honors

Degree of Bachelor of Music

AMARYLLIS ANNE FLETCHER, Highest
Honors
BRENDA BROWN MCNEILAND, Highest
Honors

SUSAN STAUNTON WHALEY, High
Honors

Degree of Bachelor of Science

In City Planning

ARNOLD ELMER GASSMAN

In Music Education

JOANNE CRAPUCHETTES BARTEL

JANET WARNER HOGEN

COLLEGE OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

PHILLIP ERSKINE JONES

In Recreation

PHYLLIS SUSAN COHEN
JAMES EDWARD HOHM

LINDA SUE TOWNER

FUTURE BOARD MEETINGS

The Board has previously voted to change the date of the regular October meeting from the third Wednesday to Saturday, October 26, to be held in Urbana, according to a schedule to be arranged by the President and the Secretary.

On motion of Mr. Johnston, the Board voted to change the date of the November meeting from the third Wednesday to Saturday, November 23, according to a schedule to be arranged by the President and the Secretary.

At this point, Mr. Williamson asked to be excused from the meeting.

ASSOCIATION OF GOVERNING BOARDS

Mrs. Watkins reminded the Trustees that the annual meeting of the Association of Governing Boards of State Universities and Allied Institutions will be held at Pennsylvania State University, October 14 to 18, 1963. She stated that she is planning to attend and asked that other Trustees plan to do so.

RECESS AND EXECUTIVE SESSION

President Clement announced that an executive session had been requested, and was being ordered, for consideration of recommendations relating to property acquisitions and patentable inventions; and that this session would be held after a luncheon recess.

On motion of Mr. Swain, the Board recessed.

When the Board reconvened in executive session, the same members, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes with the exception of Mr. Williamson, who joined the meeting later.

The Board proceeded to consider the following additional reports and recommendations from the President of the University.

PURCHASE OF PROPERTY AT 208 NORTH ROMINE STREET URBANA, ILLINOIS

(1) The Board of Trustees on April 17, 1963, authorized condemnation proceedings for acquisition of the property at 208 North Romine Street, Urbana, Illinois, required as part of the site for construction of the new Civil Engineering Building.

A price of \$29,000 has been agreed upon for the purchase of this property, which is \$250 above the amount authorized by the Committee on Buildings and Grounds but appears to be the lowest price for which the property can be acquired without condemnation proceedings and the resulting cost thereof.

Funds are available in the state capital appropriations to the University from the Universities Building Fund.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of this purchase, and that the Board rescind its action of April 17, 1963, with respect to condemnation proceedings.

I concur.

On motion of Mr. Johnston, these recommendations were approved, viz: the purchase of this property, at the price indicated, was authorized; and the Board rescinded its resolution of April 17, 1963, authorizing the acquisition of the property through condemnation proceedings. These actions were taken by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins; no, none; absent, Mr. Dilliard, Mr. Hughes, Mr. Kerner, Mr. Williamson.

ACQUISITION OF PROPERTY AT 1105 WEST SPRINGFIELD AVENUE. URBANA

(2) University representatives have been negotiating for the purchase of the property at 1105 West Springfield Avenue, Urbana, a lot 69 feet by 132 feet (9,108 square feet) with a two-story and basement frame house. The land is needed as part of the site for construction of the next unit of the Coordinated Science Laboratory.

The owners were advised that a recommendation would be made to the Board of Trustees for the purchase of the property at a price of \$20,000, based on University appraisals, but the offer is not acceptable, and the asking price remains substantially in excess of the highest University appraisal.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize condemnation proceedings for the acquisition of the property.

Funds are available in the state capital appropriations to the University for 1963-65 from the Universities Building Fund and have been released.

I concur and recommend adoption of the following resolution:

**Resolution Authorizing Condemnation of
Property at 1105 West Springfield Avenue, Urbana**

Be It, and It Is Hereby Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

Lot Four (4) in Block Five (5) and the West three (3) feet of Lot Five (5) in Block Five (5) of the Urbana Railroad Company Addition to the City of Urbana also called Urbana Railroad Addition to the Town now City of Urbana and all of the West One-half (W ½) except the East Thirty (30) feet thereof of Lot Five (5) in Block Five (5) of the Urbana Railroad Company Addition to the City of Urbana, situated in the City of Urbana, in the County of Champaign, and State of Illinois.

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, for use as part of the site for construction of the next unit of the Coordinated Science Laboratory, and for related educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use, that funds have been appropriated by the General Assembly of the State of Illinois for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owners of said land through their duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owner has refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price and continues to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owners of said property and they and it are unable to agree upon the purchase price to be paid to said owners for the sale and conveyance of said land by said owners thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owners thereof for such land cannot be agreed upon between them and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owners thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefore determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby, authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf

of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefore, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

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

On motion of Mrs. Watkins, the Board adjourned.

A. J. JANATA

Secretary

HOWARD W. CLEMENT

President

MEETING OF THE EXECUTIVE COMMITTEE

Following adjournment of the Board, on call of the Chairman, the Executive Committee of the Board of Trustees of the University of Illinois met at the request of the President of the University to consider a special item of business which had been submitted to him too late for presentation to the full Board. The following, constituting all members of the Executive Committee, were present: Mr. Howard W. Clement, Chairman, Mr. Wayne A. Johnston, and Mrs. Frances B. Watkins. President David D. Henry and the other officers of the University were present, including, for the business of this meeting, Dean William L. Everitt of the College of Engineering, and Mr. John J. Desmond, Assistant Director of the Engineering Experiment Station.

THE MIDWEST ELECTRONICS RESEARCH CENTER

At the request of President Henry, Mr. Costello, Legal Counsel, presented the following report and recommendation:

On April 17, 1963, the Board of Trustees approved, in principle, the establishment of the Midwest Electronics Research Center and granted authority to negotiate contracts for the Visiting Industrial Associates Program under the Midwest Electronics Research Center. This action was subject to the approval of the State of Illinois Board of Higher Education which was subsequently granted on July 2, 1963.

Article 6 of an "Agreement for a Resident Program of Visiting Associates from Industry" contained the following language:

"All inventions, discoveries, and developments resulting from the work of the research program in which the Visiting Industrial Associate is participating, whether or not patentable, shall be and become the property of University; provided, however, that in the event the Visiting Industrial Associate is the inventor or co-inventor of such invention or inventions, Company shall be granted appropriate preferential treatment to be determined by University after taking into consideration the extent of the contribution of the Visiting Industrial Associate and to the extent permitted by contractual commitments by University to sponsors of the on-going research."

In negotiations with industry, it has been determined that this language is generally unacceptable and that a predetermination of "preferential treatment" is required as a part of the contract.

It has been determined that the following language would be more acceptable to industry; therefore, the Dean of the College of Engineering recommends that approval be given to this revision in the contract.

"All inventions, discoveries, and developments resulting from the work of the research program in which the Visiting Industrial Associate is participating,

whether or not patentable, shall be and become the property of University; provided, however, that in the event a Visiting Industrial Associate is the inventor or co-inventor of such invention or inventions, title shall vest in University and to the extent permitted by contractual commitments by University to sponsors of the on-going research, Company may retain a royalty free, non-exclusive license with the additional right to sub-license to a supplier or other company where the purpose of said sub-license is for the manufacturing or developing of products for the sole use of the Company. The right to sub-license for purposes other than the sole use of the Company requires advance request by Company and approval by University in writing."

All University officers concerned have been consulted and have approved, with Legal Counsel reserving the right to draft the precise language to be used.

President Henry stated that he concurs.

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

The Executive Committee adjourned.

A. J. JANATA
Clerk

WAYNE A. JOHNSTON
FRANCES B. WATKINS
HOWARD W. CLEMENT
Chairman