The September meeting of the Board of Trustees of the University of Illinois was held in the administrative offices of the Chicago Undergraduate Division at Navy Pier, Chicago, Illinois, on Thursday, September 21, 1961, beginning at 10:30 a.m.

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

Also present were President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Dr. J. S. Begando, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Mr. C. S. Havens, Director of the Physical Plant, Mr. James J. Costello, Legal Counsel, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. V. L. Kretschmer, Director of Auxiliary Services; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.
MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on April 19 and May 17, 1961, press proof copies of which had previously been sent to the Board.

On motion of Mr. Johnston, the minutes were approved as printed on pages 435 to 535, 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.

MASTER SITE PLAN FOR THE CONGRESS CIRCLE CAMPUS

(1) The master site plan for the ultimate development of the University of Illinois Congress Circle Campus in Chicago, which was publicly presented on September 14, 1961, has been approved by the Advisory Council and the Vice-President for the Chicago Undergraduate Division, and also by the University Building Program Committee.

Approval of a master site plan is now required for submission to and approval by the Chicago Land Clearance Commission. Approval by the Board of Trustees is also desired before any further architectural and engineering work is authorized.

Accordingly, approval and authorization to submit the plan to the Chicago Land Clearance Commission are requested. Photographic copies of this plan are submitted herewith and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Pogue, the master site plan was approved by the following vote: Aye, Mr. Clement, Mr. Dillard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(2) 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, 1961, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

LOREN JAY ALTER (Skokie)  
NORMAN STEPHEN ANDERSON (Elmhurst)  
JOSEPH JACQUES ANGEL (Chicago)  
CHARLES MAX ARMETTER (Chicago)  
ROBERT MILLER ARMSTRONG (Joliet)  
JAMES LEE ASHBUCK (Franklin Park)  
ALEXANDER THOMAS ATHANASES (Des Plaines)

EUGENE VICTOR BARASCH (Chicago)  
JOHN WILLHORST BEARER (Pittsfield)  
HOWARD MARSHALL BERNSTEIN (Chicago)  
ROBERT LEWIS BEYER (Glenview)  
DELORES LYNN BIDDLE (Newman)  
THOMAS PAUL BINTINGER (Chicago)  
CLIFFORD JOHN BOXLEITNER (Mount Prospect)  
DONALD LEONARD BRENNER (Des Plaines)  
MARTIN LOUIS BRESLOFF (Chicago)  
JAMES DAVIS BROWN (Chicago)  
JAMES EDWARD BUNCHER (Galesburg)  

MELVIN CHARLES BUTLER (Lincolnwood)

DONALD FRANKIS BUTZEN (Chicago)  
RONALD JOHN BYRON (Hazel Crest)  
LLOYD LEWIS CAMPBELL (Park Forest)  
THEODORE ROBERT CARLIS, JR. (Chicago)  

CHARLES DONALD CAUGHEY (Arlington Heights)  

JAY HAROLD CHAPMAN (Chicago)  
JAMES WILLIAM COBB (Park Forest)  
FRANK RICHARD CROMEN (Chicago)  
RICHARD JOSEPH COLE (Highland Park)  

ROBERT WIGGER COMER (Chicago)  
HARVEY LAWRENCE COUSTAN (Chicago)  
CHARLES MICHAEL CULLEN (Arlington Heights)  

EUGENE GREGORY CURRAN (Chicago)  
JOHN JOSEPH D'ASARO (Forest Park)  
EUGENE LEE DIERKEN (Villa Park)  

DONALD SEYMOUR DILL (Chicago)
Richard Francis Doyle (Park Forest)
Kenneth Carl Dude (Chicago)
Robert Osborn Dunkel (Chicago)
Raymond Joseph Dutko (Rolling Meadows)
Ralph William Edels (Mount Prospect)
Jon David Elliottson (Chicago)
Roy Randolph Eisenh (Chicago)
James Steven Fasel (Chicago)
Thomas Stephen Favorite (Dolton)
Anthony Salvatore Filicicchia (Chicago)
Sheldon Marshall Fisher (Chicago)
Ronald Gary Flesher (Mattoon)
Frederick Matthew Fleury (Chicago)
Maevin Walter Friman (Evaston)
Thomas Michael Garvin (Lombard)
Lavan Allen Gary (Wheaton)
John David Gebo (Evaston)
Alvin Lee Goldberg (Park Forest)
William Jay Goldman (Chicago)
Stanley John Gondier (Chicago)
John Edwin Greathouse (Mattoon)
Jerome Keith Green (Winnetka)
Leonard Allen Greenwood (Springfield)
Nicholas George Hahn (Berwyn)
Maurice Dean Hamilton (Rockford)
James Walter Hanson (Chicago)
Shirwin Hara (Skokie)
Victor Lyle Harvey (Skokie)
William Francis Hayes (Downers Grove)
Martin Haze (Chicago)
Albert William Herman (Antioch)
Richard Jerome Heydejs (Chicago)
Harry Eugene Higman (Berwyn)
Edward Vancing Hinchman (Niles)
Alan Marshall Hoffberg (Broadview)
Ronald Eugene Holloway (Lincoln)
Lester Lee Hoover (Forest Park)
Marvin Leroy Huston (Chicago)
Duane Jerry Jeray (Cicero)
Marvin Kamensky (Lincolnwood)
Paul Edward Kamshulte, Jr. (Joliet)
Henry Kastler (Chicago)
Emmanuel Morris Katten (Chicago)
Raymond Edward Kelly (Chicago)
Peter Arlo Kemble (Park Forest)
Teddy Roosevelt Kern (Zeigler)
Richard Herman Kinkpatrick (Waukegan)
Henry Kite (Chicago)
John Louis Klemmer (Chicago)
Donald Robert Klues (Wheaton)
Owen Arthur Knitson (Champaign)
John Adam Koch (Naperville)
Henry William Koster (Oak Lawn)
Leonard Paul Krieger (Chicago)
Berkhold Francis Krings (Downers Grove)
Rudolph Albert Kroger (Evaston)
James Montgomery Lahey (Urbana)
John Joseph Lannon (Chicago)
Sorrell Harold Lapins (Skokie)
Edward Charles Lawrence (Oak Lawn)
John Edward Lehner (Oak Park)
Ian Hersh Levin (Chicago)
Joel Herbert Levin (Chicago)
Burton Beryl Levy (Chicago)
Michael Irwin Lew (Chicago)
Charles Dean Lewis (Riverton Forest)
John Francis Linchester (Lisle)
Kenneth Arthur Lussenhop (Chicago)
Robert Henry Lutz (Northbrook)
Walter Frederick Lutz (Chicago)
Harold Phillip Mandell (Chicago)
Donald Louis Manfriedo (Chicago)
Ira Marcus (Chicago)
Edward James McNells (Mount Prospect)
David Prescott Middlemas (Chicago)
Robert James Montague, Jr. (Hazel Crest)
Lawrence Evan Nelson (Blue Island)
Richard David Nelson (Chicago)
Leonard Eugene Nevitt (Peoria)
Dennis Francis Noakes (Chicago)
David Emmett O'Connell (Glenview)
Alan Myers Olson (Rockford)
Shelby Allen Orell (Urbana)
Theodore Papicnicolas (Chicago)
Dale George Phillips (Chicago)
Dominic Paul Piraino (Deerfield)
John Charles Plotz (Oak Park)
Thomas Jerry Ponsin (Niles)
Robert Harold Porter (Wilmette)
Louis Stephen Ray, Jr. (Oak Park)
Carl Franklin Reardon (Urbana)
E. Roger Rehmeier (Rockford)
Edward Anthony Richert (Palos Heights)
Donald Peter Ripoli (Roselle)
Joseph Harris Rosenbarg (Park Forest)
Henry Jack Rosman (Chicago)
Leo Edwin Rostermund (Evaston)
Leonard Howard Rovner (Chicago)
Dorothy Dosch Sande (Normal)
Howard Sheldon Satin (Chicago)
Kenneth Edward Schade (Chicago)
William Arthur Schaefer (Wilmette)
Alan Sheldon Schenk (Chicago)
Glen Curtis Schillerstrom (Naperville)
Robert Lee Schlossberg (Chicago)
Richard Joel Shenef (Chicago)
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:

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>State from Which They Obtained Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>LLOYD KENNETH BARNWELL</td>
<td>Florissant, Missouri</td>
<td>Missouri</td>
</tr>
<tr>
<td>HAROLD CARL WILLIAM BOHLMANN</td>
<td>St. Louis, Missouri</td>
<td>Missouri</td>
</tr>
<tr>
<td>ROBERT EMMETT CROGHAN</td>
<td>Manchester, Missouri</td>
<td>Missouri</td>
</tr>
<tr>
<td>ALVIN JOHN GOWER</td>
<td>Clinton, Iowa</td>
<td>Iowa</td>
</tr>
<tr>
<td>THOMAS ROY KLOMAN</td>
<td>Arlington Heights</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>GEORGE JACK MOLL</td>
<td>University City, Missouri</td>
<td>Missouri</td>
</tr>
<tr>
<td>DONALD EUGENE RATTNER</td>
<td>Chicago</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>EDGAR RICHARD STIERMAN</td>
<td>Dubuque, Iowa</td>
<td>Iowa</td>
</tr>
<tr>
<td>IRWIN WINKLER</td>
<td>Chicago</td>
<td>District of Columbia</td>
</tr>
</tbody>
</table>

I concur.

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

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. BERNARD C. ABBOTT, Visiting Professor of Physiology, beginning January 1, 1962, at an annual salary rate of $14,000 (E). This appointment is for the periods of January 1-June 15, 1962, and September 16, 1962-January 31, 1963. Present position: Associate Professor of Physiology, University of California, Los Angeles (since 1957).

2. WILLEM R. ADRIAANSZ, Assistant Professor of Music, beginning September 1, 1961, at an annual salary of $6,500 (D). Present position: Teaching Assistant, University of California, Los Angeles (since 1960).

3. ARNON R. ALLEN, Assistant Professor of Agricultural Law, Department of Agricultural Economics, beginning September 1, 1961, at an annual salary of $10,000 (DY). Present position: Assistant Professor, Extension Law, University of Wisconsin (since 1960).

4. KENNETH I. APPEL, Assistant Professor of Mathematics, beginning September 1, 1961, at an annual salary of $8,500 (B). Present position: Mathematician, Institute for Defense Analyses, Princeton, New Jersey (since 1959).
<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
<th>Present Position</th>
<th>Tenure</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>TWILEY W. BARKER, JR.</td>
<td>Visiting Associate Professor of Political Science</td>
<td>$9,000</td>
<td>Instructor and Director of Speech and Hearing Clinic</td>
<td>1959</td>
</tr>
<tr>
<td>6</td>
<td>DELMOND N. BENNETT</td>
<td>Assistant Professor of Speech and Theatre</td>
<td>$6,500</td>
<td>Assistant Professor, University of Chicago</td>
<td>1959</td>
</tr>
<tr>
<td>7</td>
<td>HOWARD K. BIRNBAUM</td>
<td>Associate Professor of Physical Metallurgy</td>
<td>$9,000</td>
<td>Assistant Professor, Southern University, Baton Rouge, Louisiana</td>
<td>1959</td>
</tr>
<tr>
<td>8</td>
<td>RICHARD J. COLEWELL</td>
<td>Assistant Professor of Music, Assistant Professor of Education, University Council on Teacher Education</td>
<td>$6,500</td>
<td>Instructor and Director of Speech and Hearing Clinic North Dakota State University, Fargo, North Dakota</td>
<td>1959</td>
</tr>
<tr>
<td>9</td>
<td>HOWARD K. BIRNBAUM</td>
<td>Associate Professor of Physical Metallurgy</td>
<td>$9,000</td>
<td>Assistant Professor, Southern University, Baton Rouge, Louisiana</td>
<td>1959</td>
</tr>
<tr>
<td>10</td>
<td>CLARENCE F. DECKER</td>
<td>Assistant Professor of Biological Chemistry</td>
<td>$7,000</td>
<td>Assistant Professor, University of Chicago</td>
<td>1959</td>
</tr>
<tr>
<td>11</td>
<td>ELAM L. DENHAM</td>
<td>Assistant Professor of Architecture</td>
<td>$7,000</td>
<td>Professor of Greek, Emerita, University of Chicago</td>
<td>1959</td>
</tr>
<tr>
<td>12</td>
<td>BLAINE E. EDLEFSEN</td>
<td>Assistant Professor of Music</td>
<td>$6,700</td>
<td>Research Assistant, University of California, Los Angeles</td>
<td>1959</td>
</tr>
<tr>
<td>13</td>
<td>WILLIAM LEONARD FUSH</td>
<td>Assistant Professor of Architecture</td>
<td>$7,500</td>
<td>Associate Professor of Architecture</td>
<td>1959</td>
</tr>
<tr>
<td>14</td>
<td>MARTIN E. FISHER</td>
<td>Assistant Professor of Psychology</td>
<td>$7,000</td>
<td>Associate Professor of Psychology</td>
<td>1959</td>
</tr>
<tr>
<td>15</td>
<td>GEORGE A. HOLMES</td>
<td>Assistant Professor of Clinical Dentistry</td>
<td>$2,400</td>
<td>Associate Professor of Clinical Dentistry</td>
<td>1933</td>
</tr>
<tr>
<td>16</td>
<td>ELOISE KNAPP HAY</td>
<td>Assistant Professor of English, Division of Humanities</td>
<td>$6,500</td>
<td>Associate Professor of Clinical Dentistry</td>
<td>1933</td>
</tr>
</tbody>
</table>
engineering, beginning September 1, 1961, at an annual salary of $9,000 (D). Present position: Research Staff Member, Princeton University (since 1959).

23. Leo Phillip Kadanoff, Assistant Professor of Physics, for the second semester of 1961-62, at a salary of $3,750 (D). Present position: National Science Foundation Postdoctoral Fellow (since 1960).

24. Irma Kromann Kelly, Assistant Professor of Education, beginning September 1, 1961, at two-thirds time, at an annual salary of $3,500 (D67). Present position: Assistant Professor, University of Rochester (since 1959).

25. Roberto Kugel, Visiting Research Assistant Professor of Theoretical and Applied Mechanics, for the period November 1, 1961, through March 31, 1962, at a salary of $3,611 (G). Present position: Research Professor, University of La Plata, Argentina (since March 1, 1961).

26. Piotr Witold Mikulski, Assistant Professor of Mathematics, beginning September 1, 1961, at an annual salary of $7,500 (D). Present position: Teaching Assistant, University of California, Berkeley (since 1958).

27. George Hunter Miley II, Assistant Professor of Nuclear Engineering, beginning September 1, 1961, at an annual salary of $8,000 (B). Present position: Nuclear Engineer, General Electric, Schenectady, New York (since 1960).

28. Nathan Joseph Oliveira, Visiting Professor of Art, for the academic year, 1961-62, at a salary of $10,000 (E). Present position: Head of the Graphic Art Department, California School of Fine Arts, San Francisco (since 1955) and Artist and Visiting Lecturer, California College of Arts and Crafts (since 1960).

29. Franklin D. Reeve, Associate Professor of Russian, beginning September 1, 1961, at an annual salary of $11,000 (A); on leave without pay from September 1, 1961, through December 31, 1961. Present position: Assistant Professor of Russian, Columbia University (since 1959). 1

30. Cameron B. Satterthwaite, Associate Professor of Physics and Research Associate Professor in the Coordinated Science Laboratory, beginning September 1, 1961, at an annual salary of $15,000 (AY; DY). Present position: Advisory Physicist, Westinghouse Electric Company (since July 1, 1961).

31. John Anthony Roy, Assistant Professor of Art, beginning September 1, 1961, at an annual salary of $6,500 (B). Present position: Color and Design Consultant, Munson and Mallis, Architects and Engineers, Springfield, Massachusetts (since 1960).

32. Alice Helen Streng, Visiting Professor of Education, Institute for Research on Exceptional Children, for nine months from September 16, 1961, at a salary of $10,000 (E). Present position: Professor, Wisconsin State College at Milwaukee, now the University of Wisconsin at Milwaukee (since 1953).

33. Roy N. van Arsdale, Professor of Agricultural Economics, for one year from September 1, 1961, on one-fourth time, at a salary of $3,200 (DV25). Present position: Agricultural Economist, Agricultural Research Service, United States Department of Agriculture, at the University of Illinois (since 1949).

34. Thein Wah, Associate Professor of Structural Engineering, assigned to the Indian Institute of Technology, under the University's contract with the International Cooperation Administration, from September 1, 1961, through September 14, 1962, at an annual salary of $14,000 (FY). Present position: Senior Research Engineer, Southwest Research Institute, San Antonio, Texas (since 1957).

1 This appointment was subsequently cancelled due to his decision not to accept the position.—Secretary's Note.
38. JOHN HARRIS WALTER, Associate Professor of Mathematics, beginning September 1, 1961, at an annual salary of $9,000 (A). Present position: Visiting Assistant Professor, University of Chicago (since 1960).

39. LESTER WINSBERG, Professor of Physics, Chicago Undergraduate Division, for one year from September 1, 1961, on one-third time, at an annual salary of $3,000 (D33). Present position: Research Staff Member, Argonne National Laboratory (since 1960).

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

NONSALARIED FACULTY OF THE COLLEGE OF MEDICINE, 1961-62

(4) I present the following list of appointments to the nonsalaried faculty of the College of Medicine for the academic year beginning September 1, 1961.

New appointments, reappointments of Assistant Professors, Instructors, and Assistants who are on limited tenure, and Professors and Associate Professors who are continuing on the staff are included to present a complete listing.

On motion of Mr. Johnston, these appointments were approved as listed below.

Summary

<table>
<thead>
<tr>
<th>Department</th>
<th>1960-61</th>
<th>1961-62</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatomy</td>
<td>8 (1)</td>
<td>6 (1)*</td>
</tr>
<tr>
<td>Biological Chemistry</td>
<td>8</td>
<td>12</td>
</tr>
<tr>
<td>Clinical Science</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Dermatology</td>
<td>23 (1)</td>
<td>23 (2)</td>
</tr>
<tr>
<td>Medical Social Work</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Medicine</td>
<td>284 (21)</td>
<td>295 (24)</td>
</tr>
<tr>
<td>Microbiology</td>
<td>3 (1)</td>
<td>4 (1)</td>
</tr>
<tr>
<td>Neurology and Neurological Surgery</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>Obstetrics and Gynecology</td>
<td>96 (4)</td>
<td>95 (2)</td>
</tr>
<tr>
<td>Ophthalmology</td>
<td>69 (5)</td>
<td>64 (4)</td>
</tr>
<tr>
<td>Orthopaedic Surgery</td>
<td>32 (1)</td>
<td>30 (2)</td>
</tr>
<tr>
<td>Otolaryngology</td>
<td>67 (6)</td>
<td>68 (6)</td>
</tr>
<tr>
<td>Pathology</td>
<td>38 (2)</td>
<td>38 (2)</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>58 (6)</td>
<td>62 (6)</td>
</tr>
<tr>
<td>Pharmacology</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Physical Medicine and Rehabilitation</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Physiology</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Preventive Medicine</td>
<td>7 (1)</td>
<td>11 (1)</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>102 (3)</td>
<td>123 (2)</td>
</tr>
<tr>
<td>Public Health</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Radiology</td>
<td>27</td>
<td>27</td>
</tr>
<tr>
<td>Surgery (including Urology and Anesthesiology)</td>
<td>218 (11)</td>
<td>220 (11)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1,077 (63)</td>
<td>1,107 (64)</td>
</tr>
</tbody>
</table>

Anatomy

GUSTAV L. ZECHEL, Lecturer with rank of Associate Professor, Emeritus
PHILIP CASELLA, Clinical Assistant Professor
ARTHUR F. CIPOLLA, Clinical Assistant Professor
LAWRENCE G. KHEDROO, Clinical Assistant Professor
RICHARD H. LICATA, Assistant Professor (eight months from January 1, 1962)
FRANK A. VICARI, Clinical Assistant Professor

Biological Chemistry

MAX E. HORWITT, Associate Professor
MAX E. RAPFELSON, Jr., Associate Professor
RICHARD D. COLEMAN, Assistant Professor
ALVIN DURIN, Assistant Professor
ALVIN J. GLASKY, Assistant Professor
TOHRU INOUE, Assistant Professor

* The figures in parentheses indicate the number of emeritus members.
IRVING LYON, Assistant Professor
HERMANN G. MATTENHEIMER, Assistant Professor
HOWARD N. SKY-PECK, Assistant Professor
GORDON S. STEWART, Assistant Professor
ROBERT HANSEN, Instructor
CHARLES F. LANGE, Instructor

**Dermatology**

JAMES H. MITCHELL, Clinical Professor (Rush), Emeritus
LEONARD P. WEBBER, Clinical Professor
ALFRED B. PALK, Clinical Associate Professor
CLARK W. FISHERN, Clinical Associate Professor (Rush), Emeritus
PAUL R. GRIFFIN, Clinical Associate Professor
JOHN B. HAEBERLIN, Clinical Associate Professor
IRENE NEUHAUSER, Clinical Associate Professor
MILTON RUBIN, Clinical Associate Professor
ALBERT H. SLEPYAN, Clinical Associate Professor
SYDNEY BARSKY, Clinical Assistant Professor
SAMUEL W. BECKER, Jr., Clinical Assistant Professor
STEPAN BIELINSKI, Clinical Assistant Professor
IRVING H. DISTELHEIM, Clinical Assistant Professor
KATHLEEN B. MUIR, Clinical Assistant Professor
ALLEN S. PEARL, Jr., Clinical Assistant Professor
LOUIS RUBIN, Clinical Assistant Professor
BERNARD YAFFE, Clinical Assistant Professor
RICHARD OLIVER, Clinical Associate
EDWIN M. SMITH, Clinical Associate
IRMA ALESHIRE, Clinical Instructor
HAROLD M. SPINKA, Clinical Instructor
JACK M. FOX, Assistant
WILFRED L. SCHMEROLD, Clinical Assistant

**Medical Social Work**

JOSEPHINE G. TAYLOR, Assistant Professor
NANCY V. GILSON, Instructor

**Medicine**

WALTER C. ALVAREZ, Lecturer with rank of Professor, Emeritus
AARON ARKIN, Clinical Professor (Rush), Emeritus
MORRIS FISHERN, Lecturer with rank of Professor (Rush), Emeritus
ELLIS B. FREILACH, 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
JAMES A. CAMPBELL, Professor
WILLIAM S. HOFFMAN, Lecturer with rank of Professor
HAROLD C. LUETH, Clinical Professor
KARL H. PFUETZE, Clinical Professor
BEN Z. RAPPAPORT, Clinical Professor
THEODORE B. SCHWARTZ, Professor
BENJAMIN GOLDSTEIN, Clinical Associate Professor, Emeritus
ALVA A. KNIGHT, Clinical Associate Professor (Rush), Emeritus

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

2. Also Resident at Research and Educational Hospitals.

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

4. Also Resident at Cook County Hospital.
FRANK B. LUSK, Clinical Associate Professor, Emeritus
SAMUEL PEARLSTEIN, Clinical Associate Professor, Emeritus
HOWARD M. SHAEFF, Clinical Associate Professor (Rush), Emeritus
HOWARD WAKEFIELD, Clinical Associate Professor, Emeritus
MELVIN L. AFREMOW, Clinical Associate Professor
EVA M. BARTON, Clinical Associate Professor (Rush)
ARTHUR BERNSTEIN, Clinical Associate Professor
HERBERT C. BRESNAHAN, Clinical Associate Professor (Rush)
GEORGE V. BYFIELD, Clinical Associate Professor
RICHARD B. CAPPS, Clinical Associate Professor
THOMAS J. COOGAN, Clinical Associate Professor
LOUIS FELDMAN, Clinical Associate Professor
JACOB W. FISCHER, Clinical Associate Professor
MURRAY FRANKLIN, Clinical Associate Professor
JOHN S. GRACITINGER, Associate Professor
ELLA GRAY, Clinical Associate Professor (Rush)
PAUL HELLER, Associate Professor
EDWIN N. IRONS, Clinical Associate Professor
ROY J. KORN, Associate Professor
ROBERT O. LEVITT, Clinical Associate Professor
MEYER R. LICHTENSTEIN, Clinical Associate Professor
ARMAND LITTMAAN, 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
OGLESBY PAUL, Clinical Associate Professor
INSIDE PILLOT, Clinical Associate Professor
THEODORE Z. POLLEY, Clinical Associate Professor
EUGENE J. RanKE, Clinical Associate Professor
SAMUEL H. ROSENBLUM, Clinical Associate Professor
WILLIAM SAPIER, Clinical Associate Professor
ARMEN F. SCHICK, Clinical Associate Professor (Rush)
JAMES A. SCHONBERGER, Clinical Associate Professor
MITCHELL A. SPELLBERG, Clinical Associate Professor
IRVING E. STECK, Clinical Associate Professor
GEORGE W. STUFFY, Clinical Associate Professor (Rush)
EUGENE F. TRAUT, Clinical Associate Professor (Rush)
RALPH W. TRICANER, Clinical Associate Professor (Rush)
FRANK L. TROBAUGH, JR., Associate Professor
WILLARD L. WOOD, Clinical Associate Professor (Rush)
LEO E. AMTMAN, Clinical Assistant Professor, Emeritus
JOHN A. GARDNER, Clinical Assistant Professor (Rush), Emeritus
BENJAMIN H. HIRKIVITCH, Clinical Assistant Professor (Rush), Emeritus
MURRAY H. LEING, Clinical Assistant Professor, Emeritus
OSMUND H. AKEE, Clinical Assistant Professor
DAVID BALDWIN, Clinical Assistant Professor
RAY E. BEERS, Jr., Clinical Assistant Professor
MAX BERG, Clinical Assistant Professor
LIONEL M. BERNSTEIN, Assistant Professor
GEORGE H. BERRYMAN, Clinical Assistant Professor
ALBIN M. BRILLEY, Jr., Clinical Assistant Professor
DAVID BRONSEKY, Clinical Assistant Professor
RALPH G. BROWN, Clinical Assistant Professor
MELVIN M. CHERSTACK, Clinical Assistant Professor
CHESTER COGESHALL, Clinical Assistant Professor
ANGELO P. CRETEOS, Clinical Assistant Professor
HUGO O. DEUS, Lecturer with rank of Assistant Professor
JOHN A. DETWEILER, Clinical Instructor
HENRY D. DEYOUNG, Clinical Assistant Professor
ROBERT E. FELIX, Clinical Assistant Professor
BENJAMIN W. FOX, Clinical Assistant Professor
SANFORD A. FRANZBLAU, Clinical Assistant Professor
GERHARD FREUND, Clinical Assistant Professor
RAYMOND M. GALT, Clinical Assistant Professor
MORTON A. GOLDMANN, Clinical Assistant Professor
ROLF GUNNAR, Clinical Assistant Professor
AARON GUNThER, Clinical Assistant Professor
BUFORD HALL, Clinical Assistant Professor
WILLIAM J. HAND, Clinical Assistant Professor
HARRY L. HUNTER, Clinical Assistant Professor
FRANK W. JONES, Clinical Assistant Professor
PHILIP N. JONES, Clinical Assistant Professor
ERVIN KAPLAN, Clinical Assistant Professor
ROLAND L. KESLER, Clinical Assistant Professor (Rush)
JANET R. KINNEY, Clinical Assistant Professor
WALLACE W. KIRKLAND, JR., Clinical Assistant Professor
SYDNEY KOFMAN, Assistant Professor
SHELDOR E. KRASNOW, Clinical Assistant Professor
JULES H. LAST, Clinical Assistant Professor
CHARLES H. LAWRENCE, Clinical Assistant Professor
HERMAN A. LEVY, Clinical Assistant Professor
JEROME S. MEHRMAN, Clinical Assistant Professor
ROBERT C. MUEHRCKE, Clinical Assistant Professor
JOSEPH J. MUENSTE, JR., Assistant Professor
JOHN K. NECHELES, Clinical Assistant Professor
BERTRAM G. NELSON, Clinical Assistant Professor (Rush)
LAWRENCE PERLMAN, Clinical Assistant Professor
VICTOR E. POLLAK, Research Assistant Professor
ROBERT M. POSKE, Clinical Assistant Professor
JOHN POST, Clinical Assistant Professor (Rush)
OLDICH PREC, Lecturer with rank of Assistant Professor
MARTINE M. PYLE, Clinical Assistant Professor
PAUL RAVENNA, Clinical Assistant Professor
ALFRED H. ROSENBLUM, Clinical Assistant Professor
ALEXANDER N. RUGGE, Clinical Assistant Professor
ANTHONY R. SAFIENZA, Clinical Assistant Professor
HAROLD SCHOOLMAN, Clinical Assistant Professor
JOHN T. SHARP, Clinical Assistant Professor
ROBERT E. SLAYTON, Clinical Assistant Professor
ELIZABETH K. STRAUFS, Lecturer with rank of Assistant Professor (Rush)
GRAHAM A. VANCE, Clinical Assistant Professor
SEYMOUR W. WEISBERG, Clinical Assistant Professor
GERALD A. WILLIAMS, 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
LUKE J. GRINELLI, Clinical Associate, Emeritus
EUGENE GROSS, Clinical Associate, Emeritus
ROBERT N. HEDGES, Clinical Associate, Emeritus
J. LITTLE WILLIAMS, Associate, Emeritus
GEORGE P. BALLARD, Clinical Associate
ROBERT J. BECKER, Clinical Associate
G. WILLIAM GOTTES, Clinical Associate
JOSEPH A. DAVIS, Clinical Associate
MICHAEL M. DiGILIO, Clinical Associate
DONALD T. FOXWORTHY, Clinical Associate
ROBERT C. FRUIN, Clinical Associate
CARL A. HEBLOM, JR., Clinical Associate
WILLIAM H. HIGHTSTONE, Clinical Associate
WALTER F. HOEPNNER, Clinical Associate
BENJAMIN M. KAPLAN, Clinical Associate
WILLIAM J. KIRBY, Clinical Associate (Rush)
BRUCE D. LEE, Clinical Associate
AUDLEY R. MANBY, Clinical Associate
THOMAS MORRISON, Clinical Associate
LESTER A. NALEFSKI, Clinical Associate
DONALD E. O'BRIEN, Clinical Associate
RIGBY C. ROSKELLEY, Clinical Associate
SEYMOUR R. SALBERG, Clinical Associate
RALPH A. SCALA, Clinical Associate
MAURICE M. ALBALA, Clinical Instructor
EARL T. ANDERSON, Instructor (one year from July 1, 1961)
BERTHE E. ARMSTRONG, Clinical Instructor
SAMUEL BERGER, Clinical Instructor
HERBERT E. BESSINGER, Clinical Instructor
WILLIAM E. BRETZ, Clinical Instructor
WILLIAM C. BROWN, Clinical Instructor
FRANK G. CARTER, Clinical Instructor
NEIL S. CHERNIACK, Instructor (one year from July 1, 1961)
JULIAN L. CLAY, Clinical Instructor
WILLIAM C. CLAY, Clinical Instructor
ROBERT D. DALL, Jr., Clinical Instructor
ROBERT E. DEDMON, Instructor (one year from July 1, 1961)
GEORGE A. DEJONG, Clinical Instructor
ROBERT L. DEVETSKI, Instructor (one year from July 1, 1961)
JAMES E. DILL, Clinical Instructor
ROBERT E. DICK, Clinical Instructor
PETER G. ECONOMOU, Instructor (one year from July 1, 1961)
JOHN R. ERICKSON, Clinical Instructor
MIGUEL A. ESCOBAR, Instructor (one year from July 1, 1961)
PETER J. FARAGO, Clinical Instructor
WILLIAM E. FISHMAN, Clinical Instructor
THOMAS J. FITZPATRICK, Clinical Instructor
GEORGE C. FLANAGAN, Instructor (fourteen months from July 1, 1961)
JOHN E. FORAN, Clinical Instructor
RICHARD P. FOTH, Instructor (one year from July 1, 1961)
RICHARD E. FOX, Clinical Instructor
WILLIAM L. FREUD, Clinical Instructor
RAYMONDS G. GAILLITIS, Clinical Instructor
WILLIAM W. GARR, Clinical Instructor
CARL A. GEBHARD, Clinical Instructor
IRVING GREENSPAN, Clinical Instructor
EDWARD K. GRIFFITHS, Clinical Instructor
THOMAS H. HAYES, Clinical Instructor
ROBERT N. HEDGES, Jr., Clinical Instructor
JOHN P. HENRY, Clinical Instructor
ROBERT L. HERITING, Clinical Instructor
ALLEN HOFFMAN, Clinical Instructor
ALBERT W. HOLMES, Jr., Instructor (one year from July 1, 1961)
NATHAN J. IGITZEN, Clinical Instructor
MOHAMMAD INAYATULLAH, Instructor (one year from July 1, 1961)
MELVILLE A. INBRERA, Clinical Instructor
ROSENEY A. JAMESON, Clinical Instructor
HAROLD L. JENSEN, Clinical Instructor
JOHN C. JOHNSTON, Clinical Instructor
JOHN C. JONES, Clinical Instructor
IRENE G. KAGANIEC, Clinical Instructor
SHELDON M. KAHN, Instructor (three months from October 1, 1961)
ROBERT S. KASSRIEL, Clinical Instructor
FRANK B. KELLY, Jr., Clinical Instructor
ROGER P. KENNEDY, Instructor (one year from July 1, 1961)
JOHN C. KULIS, Clinical Instructor
JOHN M. LEEBOM, Instructor (one year from July 1, 1961)
JERRY P. LEWIS, Instructor (one year from July 1, 1961)
RANDALL L. MANN, Clinical Instructor
JULIO MARSII, Clinical Instructor
SAMUEL MATLIN, Clinical Instructor
PETER S. MAYER, Clinical Instructor
WILLIAM R. McGAH, Instructor
VIVVIDS MEDENIS, Clinical Instructor
PAUL A. MESETH, Clinical Instructor
MORGAN M. MEYER, Clinical Instructor
HOWARD A. MUELLER, Instructor (one year from July 1, 1961)
JEROME E. NEUSTADT, Clinical Instructor
JOSEPH R. NORA, Clinical Instructor
ROBERT F. O'BOYLE, Instructor (one year from July 1, 1961)
JOSHUA OREN, Jr., Clinical Instructor
LEONARD OHRINGER, Clinical Instructor
RALPH PACINI, Clinical Instructor
LUBEN C. PENEV, Clinical Instructor
CHARLES P. PERLIA, Instructor
WILLIAM H. PHelan, Clinical Instructor
FRANK E. PRESTIPINO, Clinical Instructor
GLOUCESTER A. PRICE, Jr., Clinical Instructor
PETER POLIO, Clinical Instructor
ANITA ROBBINS, Clinical Instructor
DEAN S. ROSSET, Clinical Instructor
G. STEPHEN SCHOLLY, Instructor (one year from July 1, 1961)
ROGER R. Schuessler, Clinical Instructor (fourteen months from July 1, 1961)
WILLIAM K. Scurham, Clinical Instructor
VIRGIND R. SILINS, Instructor (fourteen months from July 1, 1961)
JAY Silverman, Instructor (one year from July 1, 1961)
MARSHALL J. SNAPP, Clinical Instructor
WILLIAM R. STAAB, Clinical Instructor
HARRY B. STONE, Clinical Instructor
MARIAN S. TARZYNSKI, Clinical Instructor
KASRIEL TAUSE, Clinical Instructor
RAYMOND TEPLITZ, Clinical Instructor
ANGELO TORMO, Clinical Instructor
ALSTON C. TWISS, Clinical Instructor
EARL A. VONDRASEK, Clinical Instructor
PAUL L. WINTER, Clinical Instructor (fourteen months from July 1, 1961)
JAMES R. ZVETINA, Clinical Instructor
WARREN C. BARRON, Assistant (one year from July 1, 1961)
JOHN D. BEST, Assistant (one year from July 1, 1961)
BERNARD B. BLAUSW, Assistant (one year from July 1, 1961)
PHILIP E. BLATT, Assistant (one year from July 1, 1961)
HELEN B. BOWYER, Assistant (one year from July 1, 1961)
ALLEN R. BOWYER, Assistant (one year from July 1, 1961)
KENNETH D. BRANDT, Assistant (one year from July 1, 1961)
JOSEPH T. BRANIT, Clinical Assistant
JOSEPH D. CECE, Clinical Assistant
JAMES G. CLARK, Assistant (one year from July 1, 1961)
ROBERT E. DAMPTZ, Assistant (one year from July 1, 1961)
DONALD R. DARLING, Clinical Assistant (on leave of absence for military service)
RUDOLF DONATH, Assistant (one year from July 1, 1961)
HUGH A. EDMONDS, Jr., Clinical Assistant
JAMES W. ERLENDOHM, Clinical Assistant
WILLIAM M. HAMBY, Clinical Assistant
PAUL K. HANASHIRO, Assistant (one year from July 1, 1961)
LAWRENCE D. KARTUN, Clinical Assistant
NICHOLAS KERAPIDES, Assistant (one year from July 1, 1961)
WILLIAM J. KRISTY, Clinical Assistant
JOHN LOCKHART, Assistant (one year from July 1, 1961)
GORDON D. LUCAS, Assistant (one year from July 1, 1961)
PATRICIA A. MCCREARY, Clinical Assistant
NLIANDINO A. ODDIS, Clinical Assistant
ROSS G. OLSON, Assistant (one year from July 1, 1961)
JOHN PERKINS, Assistant (one year from July 1, 1961)
RONALD R. REED, Clinical Assistant
ELIZABETH F. RICHARDSON, Assistant (one year from July 1, 1961)
MARVIN S. ROSENBERG, Assistant (one year from July 1, 1961)
DAVID SACKETT, Assistant (one year from July 1, 1961)
BOHUMIL A. SAMAL, Assistant (one year from July 1, 1961)
RICHARD J. SASSETTI, Assistant (one year from July 1, 1961)
BRUCE G. SAVILLE, Assistant (one year from July 1, 1961)
ANTHONY M. SCARDINO, Clinical Assistant (on leave of absence for military service)
JOSEPH V. SIMONE, Assistant (one year from July 1, 1961)
RICHARD D. SPELLBERG, Assistant (one year from July 1, 1961)
ALF M. TANNENBERG, Assistant (one year from July 1, 1961)
JORDAN D. WAXMAN, Assistant (one year from July 1, 1961)
ISAAC WEISZER, Assistant (one year from July 1, 1961)
EDMUND M. ZIOLKOWSKI, Research Assistant

Microbiology
FRIEDRICH W. DEINHARDT, Associate Professor
GEORGE F. FORSTER, Lecturer with rank of Assistant Professor
RALPH H. HUEBLE, Lecturer with rank of Instructor
ELTA W. KNOLL, Assistant, Emerita

Neurology and Neurological Surgery
LOREN W. AVERY, Clinical Professor (Rush)
ARTHUR ARNOLD, Clinical Assistant Professor
RICHARD O. BURNS, Jr., Clinical Instructor
NATHAN ZOLT, Clinical Associate
VIRGINIA R. SORUM, Clinical Instructor
PHILIP M. LIPPE, Assistant
DIEGO MONTEVERDE, Assistant
KAMAL SADJAPOUR, Assistant
ELI TOBIAS, Assistant
GORO TSUCHIYA, Assistant
LYLE E. WACASER, Assistant
WALTER WHISLER, Assistant (one year from July 1, 1961)

Obstetrics and Gynecology
EDWARD D. ALLEN, Clinical Professor (Rush), Emeritus
HARRY BOYSEN, Clinical Professor (Rush)
EDGAR A. EDWARDS, Clinical Professor
ABBAGH F. LASH, Clinical Professor
RICHARD H. ANDRESEN, Clinical Associate Professor
JAMES P. FITZGERALDS, Clinical Associate Professor
ARTHUR H. Klawans, Clinical Associate Professor (Rush)
ALFRED J. KOBEL, Clinical Associate Professor
RICHARD A. LIPFENDAHL, Clinical Associate Professor
FRED O. PRIEST, Clinical Associate Professor (Rush)
GEORGE H. REZK, Clinical Associate Professor
HARRY K. WADDINGTON, Clinical Associate Professor
JOHN R. WOLFF, Clinical Associate Professor
HARRY SERED, Clinical Assistant Professor, Emeritus
ROBERT C. BAUM, Clinical Assistant Professor (Rush)
ROBERT A. BEEBE, Clinical Assistant Professor
SOL J. BECERRA, Clinical Assistant Professor
MICHAEL H. BOLEY, Clinical Assistant Professor
CLAIR M. CAREY, Clinical Assistant Professor
AUGUST F. DARO, Clinical Assistant Professor
SOL T. DELLE, Clinical Assistant Professor
VINCENT S. DIGIULIO, Clinical Assistant Professor
CECIL DRAA, Clinical Assistant Professor (Rush)
DEANE M. FARLEY, Clinical Assistant Professor
GEORGE C. FINOLA, Clinical Assistant Professor
WILLIAM F. GEITTMANN, Clinical Assistant Professor
RALPH L. GIBSON, Clinical Assistant Professor
ROBERT J. GLENNER, Clinical Assistant Professor
JOHN P. HARROD, Jr., 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. LobrACo, Clinical Assistant Professor
JOHN S. LONG, Clinical Assistant Professor
ARMAND J. MAUZEE, Clinical Assistant Professor
JOHN W. PAYNE, Clinical Assistant Professor
LOWELL F. PETERSON, Clinical Assistant Professor
FREDERICK J. ROE, Clinical Assistant Professor
SEYMOUR SHeLDER, Clinical Assistant Professor
C. OTIS SMITH, Clinical Assistant Professor
MANUEL SPiEGEL, Clinical Assistant Professor
ROBERT C. STEPP, Clinical Assistant Professor
JOSEPH B. TETON, Clinical Assistant Professor
VASIL TRUChLY, Clinical Assistant Professor
FRANK J. WALSH, Clinical Assistant Professor
JOSEPH S. ANGuLL, Clinical Instructor
JOHN F. BARTELS, Clinical Instructor
DONALD M. FAHRENBACH, Clinical Instructor
EDWIN L. FAuIoD, Clinical Instructor
WILLIAM A. GARDNER, Assistant (one year from July 1, 1961)³
JAMES A. GOLDENSTEIN, Instructor (one year from July 1, 1961)⁴
HARVEY A. GOLLEN, Clinical Instructor
JOHN S. KARAMITSES, Instructor (one year from July 1, 1961)³
JOHN R. KOSTELNY, Clinical Instructor
ALVIN LANGER, Instructor (one year from July 1, 1961)³
LAWRENCE LEViNE, Clinical Instructor
JOSEPH J. MULLEN, Clinical Instructor
EDWIN E. NiYMAN, Clinical Instructor
DENES ORBAN, Instructor (one year from July 1, 1961)³
MICHaEL P. PILL, Clinical Instructor
MARTYN A. ROSNER, Clinical Instructor
MEYER D. RUTGARD, Clinical Instructor
JACk A. SAMPSON, Clinical Instructor
ROBERT G. STONE, Clinical Instructor
EDGAR B. SYLVESTER, Clinical Instructor
NATHAN TOLWINSEK, Clinical Instructor
NANCY C. TREADWELL, Clinical Instructor
GEORGE P. VLaSS, Clinical Instructor
LA VERNE M. WALLEBREISER, Clinical Instructor
ALVIN F. WIERSEMA, Clinical Instructor
BRUCE F. ZUMMA, Clinical Instructor
JOHN A. ALMSE, Clinical Assistant
KURT BOCHNER, Assistant (one year from July 1, 1961)³
GEORGE C. BONERTZ, Assistant (one year from July 1, 1961)³
DELOS E. CoZAD, Clinical Assistant
ANDREW V. DAHLBERG, Clinical Assistant
EARL S. Fuller, Assistant (one year from July 1, 1961)³
WILLIAM M. GARDNER, Assistant (one year from July 1, 1961)⁴
ROGER A. GooTZ, Assistant (one year from July 1, 1961)⁴
WILLIAM P. Gordon, Jr., Assistant (one year from July 1, 1961)³
THomas FeJNA, Assistant (one year from July 1, 1961)³
MARIO A. IRIGoYEN, Clinical Assistant
ELMER J. JUISTEMA, Clinical Assistant
SIdney C. KAIRN, Clinical Assistant
ANTHONY N. KENWICK, Clinical Assistant
ROBERT J. LEE, Assistant (one year from July 1, 1961)
ROBERT H. OBERHELMAN, Clinical Assistant
ADRIAN R. OLECK, Clinical Assistant
RICHARD R. ROBIE, Assistant (one year from July 1, 1961)
GABRIEL A. RODRIGUEZ, Assistant (one year from July 1, 1961)
EUGENE D. ROTHENBERG, Assistant (one year from July 1, 1961)
IRVING SHIPKOWITZ, Assistant (one year from July 1, 1961)
LAWRENCE J. SYKORA, Clinical Assistant
ROBERT C. WHITESITT, Assistant (one year from July 1, 1961)

Ophthalmology

WILLIAM F. HUGHES, Clinical Professor
WILLIAM F. MONCREIFF, Clinical Professor (Rush), Emeritus
EARLE B. POWLER, Clinical Associate Professor (Rush), Emeritus
GEORGIANA D. THEOBALD, Clinical Associate Professor and Clinical Pathologist, Emeritus
CARL APPLE, Clinical Associate Professor
JOSEPH S. HAAS, Clinical Associate Professor
DANIEL SNYDACKER, Clinical Associate Professor
THEODORE N. ZERMAN, Clinical Associate Professor
LOUIS FEINBERG, Clinical Assistant Professor
ROBERT R. HERBST, Clinical Assistant Professor
GILBERT ISER, Clinical Assistant Professor
DAVID MAHER, Clinical Assistant Professor
H. ISABELLE McGARRY, Clinical Assistant Professor
G. HENRY MUNDT, Jr., Clinical Assistant Professor
EDWARD A. PUSHKIN, Clinical Assistant Professor
SAMUEL M. SCHALL, Clinical Assistant Professor
KARL J. SCHERIBEL, Clinical Assistant Professor (Rush)
MANUEL L. STILLEMAIN, Clinical Assistant Professor
MARTIN J. URIST, Clinical Assistant Professor
WALTER L. BAYARD, Clinical Associate
DAVID V. L. BROWN, Clinical Associate
MICHAEL E. CARROLL, Clinical Associate
WILLIAM E. DEUTSCH, Clinical Associate
LEONA R. FORDON, Clinical Associate
ALDONA A. JUSKA, Clinical Associate
BURTON M. KRIMMER, Clinical Associate
VERNON M. LEECH, Clinical Associate (Rush), Emeritus
ARTHUR LIGHT, Clinical Associate
ROBERT H. MURPHY, Clinical Associate
VALDO P. OLEARI, Clinical Associate
JUDITH V. PERRY, Clinical Associate
BURTON A. RUSSMAN, Clinical Associate
JOSEPH TATAR, Clinical Associate
ALBERT E. TENNENBAUM, Clinical Associate
KARL E. TICHO, Clinical Associate
JACK TRESLEY, Clinical Associate
VIVIAN A. CATION, Clinical Instructor
GEORGE T. FITZGERALD, Clinical Instructor
SHERWIN A. FOX, Clinical Instructor
IRWIN MEGACHEF, Clinical Instructor
NORENBURG J. NOWICKI, Clinical Instructor
BARBARA SPIDRO, Clinical Instructor
HENRY S. WEISKOPF, Clinical Instructor
DAVID C. WHITSEYELL, Clinical Instructor
WILLIAM M. ADLER, Assistant (one year from July 1, 1961)
INEZ ATKINSON, Assistant (one year from July 1, 1961)
MICHAEL BELSON, Assistant (one year from July 1, 1961)
RICHARD E. BERGE, Assistant (one year from July 1, 1961)
JOHN CAIRNS, Assistant (one year from July 1, 1961)
T. EARLE DUKES, Assistant (one year from July 1, 1961)
RONALD FISHMAN, Assistant (one year from July 1, 1961)*
DONALD J. HOLZBERG, Assistant (one year from July 1, 1961)*
JOEL KAPLAN, Assistant (one year from July 1, 1961)*
WALTER KAHN, Assistant (one year from July 1, 1961)*
WALTER KLEIS, Assistant (one year from July 1, 1961)*
DAVID S. McDaniel, Assistant (one year from July 1, 1961)*
FRANK MENDELBLATT, Assistant (one year from July 1, 1961)*
RICHARD MILLER, Assistant (one year from July 1, 1961)*
DELBERT F. NACHAZEL, Assistant (one year from July 1, 1961)*
GEORGE H. RAAB, Assistant (one year from July 1, 1961)*
MAURICE F. RABB, Assistant (one year from July 1, 1961)*
JEREMIAS R. ROBINS, Assistant (one year from July 1, 1961)*
RICHARD E. SCHWERDT, Assistant (one year from July 1, 1961)*
RICHARD UNDERFINER, Assistant (one year from July 1, 1961)*

Orthopaedic Surgery
FRANK G. MURPHY, Clinical Associate Professor, Emeritus
CARLO S. SCUDERI, Clinical Associate Professor of Orthopaedics
FRED SHAFFORD, Clinical Associate Professor (Rush)
HORACE E. TURNER, Clinical Assistant Professor, Emeritus
THOMAS D. HALL, Clinical Assistant Professor
WILLIAM A. MARSHALL, Clinical Assistant Professor
ROBERT P. MEANY, Clinical Assistant Professor
LUCY F. MILLER, Clinical Assistant Professor
RAYMOND J. PELLICORE, Clinical Assistant Professor
DONALD ROSS, Clinical Assistant Professor
ERNO B. HIDVEGI, Research Associate
TAWFIK Y. SABET, Research Associate
JAMES P. AHSTROM, Clinical Instructor
THOMAS H. COMFORT, Instructor (one year from July 1, 1961)*
RICHARD M. CHRONIN, Clinical Instructor
RICHARD A. FREIBERG, Instructor (one year from July 1, 1961)*
CHARLES E. GAYIN, Clinical Instructor
ROBERT C. HAMILTON, Instructor
WILLIAM F. HEJNA, Instructor (one year from July 1, 1961)*
WILLIAM F. MCCOLL, JR., Instructor
WILLIAM MELZER, Instructor
ALAIN F. MENGUY, Instructor (one year from July 1, 1961)*
ALBERT J. NOWOTNY, Clinical Instructor
CLIFFORD O. NYMAN, Clinical Instructor
WALTER R. PETERSEN, Clinical Instructor
IRWIN B. RICH, Clinical Instructor
LOUIS S. VARZINO, Clinical Instructor (Rush)
RAMEZ AOUAD, Assistant (one year from July 1, 1961)*
RONALD L. DEWALD, Assistant (one year from July 1, 1961)*
WILLIAM H. NEWMAN, Clinical Assistant (on leave of absence)

Otolaryngology
DANIEL B. HAYDEN, Clinical Professor (Rush), Emeritus
ABRAHAM R. HOLLENDER, Professor, Emeritus
WALTER H. THEOBALD, Clinical Professor, Emeritus
OLIVER E. VAN ALYEA, Clinical Professor, Emeritus
SAMUEL M. MORWITZ, Clinical Associate Professor, Emeritus
RICHARD W. WATKINS, Clinical Associate Professor, Emeritus
ALBERT H. ANDREWS, JR., Clinical Associate Professor of Bronchoesophagology
OSCAR J. BECKER, Clinical Associate Professor
WALTER W. DALTIESCH, Clinical Associate Professor
STANTON A. FREIBERG, Clinical Associate Professor (Rush)
KENNETH C. JOHNSTON, Clinical Associate Professor of Bronchoesophagology
G. KENNETH LEWIS, Clinical Associate Professor
ROBERT B. LEWY, Clinical Associate Professor
GEORGE S. LIVINGSTON, Clinical Associate Professor
MAURICE F. SHITMAN, Clinical Associate Professor
LINDEN J. WALLNER, Clinical Associate Professor (Rush)
HELMMUT 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
FRANK WOJNIAK, Clinical Assistant Professor (Rush)
I. ERLIN BARTLETT, Clinical Associate
BRUNO BLUMKLOTZ, Clinical Associate
COLETTE JEANTET, Clinical Associate
ANDREAS G. KODROS, Clinical Associate
MARIO D. MANSUETO, Clinical Associate
JOSSEPH F. ORNICO, Clinical Associate
HARRISON SINGH, Clinical Associate
PIERRE W. THIEBAUD, Clinical Associate
JOHN A. WEIDEMANN, Clinical Associate
JOHN W. BAXTER, Clinical Instructor (fourteen months from July 1, 1961)
ROBERT H. BORGENHAGEN, Clinical Instructor
RALPH A. CASCIARO, Clinical Instructor
GEORGE H. CONNER, Clinical Instructor (fourteen months from July 1, 1961)
DAVID O. DALE, Clinical Instructor
JOSE L. FERRER, Clinical Instructor
JOSPEH GYORKEY, Clinical Instructor
RUDOLPH KOWAL, Clinical Instructor
MILTON E. KURTH, Clinical Instructor
DINO G. MAURIZI, Clinical Instructor (fourteen months from July 1, 1961)
PHILLIP J. MOZER, Clinical Instructor
ATHANASSIOS P. PANAGOPoulos, Clinical Instructor
EDWARD A. RAZIM, Clinical Instructor
THOMAS S. PIERCE, Clinical Instructor
JOSEPH SCARAMAGGIA, Clinical Instructor
JOYCE A. SCHILD, Clinical Instructor (fourteen months from July 1, 1961)
KARL H. THIELEN, Clinical Instructor
ALBIO C. STARIZZIO, Clinical Instructor
KURT SPRINGER, Clinical Instructor
LOUIS T. TENTA, Clinical Instructor (fourteen months from July 1, 1961)
CHARLES D. BLUESTONE, Assistant (one year from July 1, 1961)
ARTHUR I. BRODER, Assistant (one year from July 1, 1961)
ROBIN COTTEN BROWN, Assistant (one year from July 1, 1961)
JOHN N. COMITO, Assistant (one year from July 1, 1961)
ROGER A. EGGERT, Assistant (one year from July 1, 1961)
THOMAS E. GRIFFITH, Assistant (one year from July 1, 1961)
GÉRARD G. GUÉMNER, Clinical Assistant
PETER L. LEFFMAN, Assistant (one year from July 1, 1961)
JAMES A. MEUKI, Assistant (one year from July 1, 1961)
ROBERT C. NEWELL, Assistant (one year from July 1, 1961)
ROBERT S. ROSNAGLE, Assistant (one year from July 1, 1961)
HAROLD SMALL, Assistant (one year from July 1, 1961)
JOSE SMOLER, Assistant (one year from July 1, 1961)
JOSE W. STONE, Assistant (one year from July 1, 1961)

Pathology

GEORGE M. HASS, Professor
LESTER S. KING, Clinical Professor
CARL E. CABBIN-BRONNER, Professorial Lecturer, Emeritus
TERRY J. KEARNS, Clinical Associate Professor, Emeritus
FREDERICK C. BAER, Jr., Clinical Associate Professor
HAROLD A. GRIMM, Clinical Associate Professor
GRANT C. JOHNSON, Clinical Associate Professor
COYCE C. MASON, Clinical Associate Professor
BOARD OF TRUSTEES

MARTIN A. SWERDLOW, Clinical Associate Professor
JAMES R. THOMPSON, Clinical Associate Professor
PAUL A. VAN PERNIS, Clinical Assistant Professor
ROBERT W. ALEXANDER, Assistant Professor (fourteen months from July 1, 1961)
JONK P. AYER, Assistant Professor
RATKOMD A. CLASEN, Assistant Professor
REUBEN EISENSTEIN, Assistant Professor (fourteen months from July 1, 1961)
BRETROYTH E. EISHBAUCK, Clinical Assistant Professor
FREDERIC O. FLOBERG, Lecturer in Legal Medicine with rank of Assistant Professor
FRAKZ E. HIRSCH, Lecturer with rank of Clinical Assistant Professor
ROBERT V. HOFFMAN, JR., Clinical Assistant Professor
ALBERT I. RUBENSTONE, Clinical Assistant Professor
ALBERT W. SCHWEITZER, Clinical Assistant Professor
JANOS VALAITIS, Clinical Assistant Professor
JOHN E. MALONEY, Clinical Associate
JESUS A. CABRERA, Instructor (one year from July 1, 1961)
JAMES E. HABEGGER, Clinical Instructor
JOSEPH J. HOZIE, Instructor (one year from July 1, 1961)
VICTOR R. TALIOKOW, Clinical Instructor
IRWIN K. KLINE, Clinical Instructor
RYOICHI OYASU, Instructor (one year from July 1, 1961)
ERNEST R. POHLMAN, Instructor (one year from July 1, 1961)
JAMES C. PITCHARD, Instructor (one year from July 1, 1961)
JAMES A. SUEVE, Instructor (one year from July 1, 1961)
MARIANO ZOMERO, Instructor (one year from July 1, 1961)
THOMAS D. MAHONY, Assistant (one year from July 1, 1961)
MICHAEL B. O'SULLIVAN, Assistant (one year from July 1, 1961)
SEYMOUR RUSKIN, Assistant (one year from July 1, 1961)

Pediatrics

CRAIG D. BUTLER, Clinical Professor (Rush), Emeritus
CLIFFORD GRULKE, Clinical Professor (Rush), Emeritus
ARCHIBALD L. HOYNE, Clinical Professor (Rush), Emeritus
HUGH MCCULLOCH, Lecturer with rank of Professor, Emeritus
ALFRED D. BIGGS, Clinical Professor
BENJAMIN M. GASUL, Clinical Professor
JOSEPH GREENGARD, Clinical Professor
C. JACK HARRISON, Clinical Professor (Rush)
SAMIUL J. HOFFMAN, Clinical Professor
NOEL G. SHAW, Clinical Professor (Rush)
CHARLES K. STULIN, Clinical Associate Professor (Rush), Emeritus
LAWRENCE BRESLOW, Clinical Associate Professor
WESSEX R. DUKERS, Clinical Associate Professor
LOUIE J. HALPERN, Clinical Associate Professor
HARRY LEICHENG, 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)
DOLORES H. WELKOC, Clinical Associate Professor
WILLIAM L. CRAWFORD, Clinical Assistant Professor, Emeritus
MAGNUS H. ADISTON, Clinical Assistant Professor
RENE A. ARCEIA, Clinical Assistant Professor
SAMUEL H. BARRON, Clinical Assistant Professor
HANS G. BUCHERES, Clinical Assistant Professor
MARIANNE P. BUBERLEK, Clinical Assistant Professor
E. H. CHRISTOPHERSON, Clinical Assistant Professor
JOHN B. HALL, Clinical Assistant Professor
MILORD R. JACKSON, Clinical Assistant Professor
HARVEY KRAVITZ, Clinical Assistant Professor
HERMAN B. Lander, Clinical Assistant Professor
BESSIE L. LENDRUM, 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. POLNIAZIEK, Clinical Assistant Professor
KLAUS JUDITH PREC, Clinical Assistant Professor
MARTIN SACKS, Clinical Assistant Professor
THOMAS P. SALTIEL, Clinical Assistant Professor
IRENE SHMIGELSKY, Clinical Assistant Professor
CHARLES E. STEFAN, Clinical Assistant Professor
SAMUEL THOMAS, Clinical Assistant Professor
A. A. WOLF, Clinical Assistant Professor
JUAN PEDRO BICOFF, Clinical Instructor
JULIA YU CHAO, Clinical Instructor
ELIZABETH KELLER, Clinical Instructor
HOWARD J. LEVINE, Clinical Instructor
VICTOR M. LOPEZ, Clinical Instructor
JEROME J. LUBIN, Clinical Instructor
KENNETH S. NOLAN, Clinical Instructor
STEPHEN PAVLYNSKY, Clinical Instructor
EVELYN M. ANDERSON, Assistant (eight months from October 1, 1961)
JOHN A. ANDERSON, Assistant (one year from July 1, 1961)
BARRY E. APFELBAUM, Assistant (one year from July 1, 1961)
Walter N. BAKER, Assistant (one year from July 1, 1961)
ALICE PASEL BLATT, Assistant (one year from July 1, 1961)
ALAN J. CAMIN, Assistant (one year from July 1, 1961)
GERALD EDELESTEIN, Assistant (one year from July 1, 1961)
JULIUS L. EMERICH, Assistant (one year from July 1, 1961)
IWAO KANPA, Assistant (one year from July 1, 1961)
GERALD E. WEISS, Assistant (one year from July 1, 1961)

Pharmacology
VICTOR A. DRILL, Lecturer with rank of Professor
HARRIS ISEBELL, Lecturer with rank of Professor

Physical Medicine and Rehabilitation
H. WORLEY KENDALL, Clinical Professor
REUBEN R. WASSERMAN, Clinical Associate Professor
LUIZ SALOMON, Clinical Instructor

Physiology
LATHAN A. CRANDALL, JR., Lecturer with rank of Professor
HAROLD E. HIMWICH, Lecturer with rank of Professor
CHESTER W. DARBOW, Associate Professor

Preventive Medicine
THOMAS G. HULL, Lecturer with rank of Associate Professor, Emeritus
JEMMYN F. MCCAMAN, Clinical Associate Professor
HAROLD W. SPEN, Clinical Associate Professor
ERNEST B. ZEELER, Clinical Associate Professor
SAMUEL L. ANDELMAN, Lecturer with rank of Assistant Professor
JOSEPH C. LASSEB, Assistant Professor
HAROLD H. STEINBERG, Clinical Assistant Professor
JANET M. WINTON, Clinical Assistant Professor
AGNES D. L. GOSS, Clinical Instructor
RAYMOND W. STEBLAY, Clinical Instructor
DAVID M. KESSNER, Clinical Assistant

Psychiatry
ROY R. GRINKER, Clinical Professor
DAVID SHAROW, Lecturer with rank of Professor
VLADIMIR C. URSE, Clinical Professor
HARRY R. HOFFMAN, Clinical Associate Professor (Rush), Emeritus
WILLIAM H. HAINES, Clinical Associate Professor
ARTHUR A. MILLER, Clinical Associate Professor
DONALD A. R. MORRISON, Clinical Associate Professor
PAUL E. NIELSON, Associate Professor
STEPHEN L. SHERWOOD, Clinical Associate Professor of Neuropsychiatry
ALFONSO SHMIEL, Lecturer with rank of Associate Professor
ALFRED P. SOLOMON, Clinical Associate Professor
JACK WEIDENBERG, Clinical Associate Professor
JACOB PASKIND, Clinical Assistant Professor, Emeritus
JAMES M. ALEXANDER, 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
ANNE R. BENJAMIN, Clinical Assistant Professor
LEON BERKSTEIN, Clinical Assistant Professor
RICHARD BOLIN, Clinical Assistant Professor
JAMES A. BUETTNER, Clinical Assistant Professor
LLOYD A. SHEFFETZ, Assistant Professor of Psychology
PAULINE M. COOKE, Clinical Assistant Professor
THOMAS N. DAVIS III, Clinical Assistant Professor
ROBERT C. DRYE, Clinical Assistant Professor
SYDNEY B. EISEN, Clinical Assistant Professor
FRANK F. EVANS, Clinical Assistant Professor
ALFRED FLARSHEIM, Clinical Assistant Professor
LOWELL I. GOODMAN, Clinical Assistant Professor
ALFRED G. GREEN, Clinical Assistant Professor
HAROLD A. GREENBERG, Clinical Assistant Professor
DAVID P. GROSS, Clinical Assistant Professor
FREDERICK V. GWYER, Clinical Assistant Professor
JOHN E. HALANZ, Clinical Assistant Professor
LOUIS HALPERIN, Clinical Assistant Professor
JOHN W. HANNI, Clinical Assistant Professor
DAVID S. HARKIN, Clinical Assistant Professor
IRVING D. HARRIS, Clinical Assistant Professor
ELSIE L. HAUG, Clinical Assistant Professor
NOEL S. JENKIN, Clinical Assistant Professor of Psychology
LOUIS JENSEN, Clinical Assistant Professor
WALTER KITT, Clinical Assistant Professor
GEORGE H. KLUMPPNER, Clinical Assistant Professor
RICHARD C. KOENIG, Clinical Assistant Professor
ROBERT H. KOFF, Clinical Assistant Professor
GUSTAVO LAGE, Clinical Assistant Professor
SAMUEL LIEBMAN, Clinical Assistant Professor
BERNARD I. LIFSON, Clinical Assistant Professor
NER LITTNER, Clinical Assistant Professor
JOAN LONCINI, Clinical Assistant Professor
NORMA MASON, Clinical Assistant Professor
ROBERT G. Mc MILLAN, Clinical Assistant Professor
WILLIAM W. McPHERSON, Clinical Assistant Professor
VICTOR MINTNER, Clinical Assistant Professor
EVA G. MOORE, Clinical Assistant Professor
WILLIAM H. MURRAY, Clinical Assistant Professor
JOSEPH G. NEVECEK, Clinical Assistant Professor
MELVIN D. NUBELMAN, Clinical Assistant Professor
DONALD OKEY, Clinical Assistant Professor
GEORGE L. PERKINS, Clinical Assistant Professor
KLARA G. RANKY, Clinical Assistant Professor
FRANCO U. RINALDI, Clinical Assistant Professor
ALAN M. ROBERTSON, Clinical Assistant Professor
RAYMOND E. ROBERTSON, Clinical Assistant Professor
MORRIS M. ROSENTHAL, Clinical Assistant Professor
LESTER H. RUDY, Clinical Assistant Professor
HENRY L. RUER, Clinical Assistant Professor
MCCAIN SCHWARTZ, Assistant Professor
HARRY M. SECHENREICH, Clinical Assistant Professor
MORRIS A. SKLANSKY, Clinical Assistant Professor
JEANNE SPURLOCK, Clinical Assistant Professor
W. DAVID STEED, Clinical Assistant Professor
ROBERT L. STEWART, Clinical Assistant Professor
DONN L. TIPPETT, Clinical Assistant Professor
MARIAN D. TOLPIN, Clinical Assistant Professor
THOMAS T. TOURLENTIS, Clinical Assistant Professor
SAMUEL A. VICTOR, Clinical Assistant Professor
WILLIAM WEISDORF, Clinical Assistant Professor
DONOVAN G. WRIGHT, Clinical Assistant Professor
REDBY C. BAKONY, Clinical Instructor
MARJORIE C. BARNETT, Clinical Instructor
GENE H. BOROWITZ, Instructor
ERIC G. BRUEGBRABER, Clinical Instructor in Biochemistry
CLARA M. BUTTERWORTH, Instructor in Psychology
OSCAR F. DAVIS, Instructor (one year from July 1, 1961)
FRIEDRICH DEWEITER, Clinical Instructor
ARTHUR S. ELSTEIN, Instructor in Psychology
DOROTHY C. GARRON, Instructor in Psychology
JAY G. HINSCH, Clinical Instructor
MARCUS A. JACOBSON, Clinical Instructor (fourteen months from July 1, 1961)
JEROME L. KATZ, Clinical Instructor
LEO V. KEMPSTON, Clinical Instructor (fourteen months from July 1, 1961)
ARTHUR H. NORTON, Clinical Instructor (fourteen months from July 1, 1961)
ROBERT E. NYQUIST, Clinical Instructor (fourteen months from July 1, 1961)
DANIEL OFFER, Clinical Instructor
FRANCES C. PETER, Clinical Instructor in Psychology
SARAH R. PESKIND, Clinical Instructor in Psychology
WILLIAM J. PIPER, Instructor (one year from July 1, 1961)
LEONARD RACK, Clinical Instructor
BARBARA S. ROCHA, Clinical Instructor
ARTHUR D. SABLE, Clinical Instructor
DONALD D. SCHWARTZ, Clinical Instructor (fourteen months from July 1, 1961)
ALEXANDER T. SMITH, Clinical Instructor
ARETEN J. SMITH, Clinical Instructor
PAULINE D. STEBBINGS, Clinical Instructor
ALVIN SUSLICK, Clinical Instructor
DONALD E. WATTS, Clinical Instructor
HERBERT WEINSTEIN, Clinical Instructor in Psychology
JOHN M. WHITMAN, Instructor (one year from July 1, 1961)
DAGA M. WIED, Clinical Instructor
ARTHUR A. WOLOSHIN, Clinical Instructor
ROBERT I. YURFF, Clinical Instructor in Psychology
ORESTE ZALIS, Instructor (one year from July 1, 1961)
KENNETH W. JARVIS, Research Associate (fourteen months from July 1, 1961)
CLARE MURRO, Research Associate
JOSE M. CASTILLO, Assistant
SHELLEY J. HEINE, Assistant in Psychology
NAQUL A. MIAN, Assistant
MORTON S. TABIN, Assistant
ROBERT L. TYRICKER, Assistant in Psychology
GABRIELLE S. WOLOSHIN, Assistant
KAY FIELD, Research Assistant

Public Health

EDWARD A. PISZCZEK, Clinical Associate Professor
HERBERT K. ABRAMS, Clinical Assistant Professor
LEROY L. FATHERREZ, Lecturer with rank of Assistant Professor
CLARENCE W. KLASSEN, Assistant Professor
HERBERT E. McDANIELS, Assistant Professor
KENNETH M. MORSSE, Lecturer with rank of Assistant Professor
W. FRANKLIN DOVE, Research Associate

Radiology

FAY H. SQUIRE, Professor (Rush)
RICHARD E. BUENGER, Associate Professor
JOHN W. CLARK, Associate Professor
SAMUEL A. LEADER, Clinical Associate Professor
FRANKLIN S. ALCORN, Assistant Professor
MAURICE L. BODONOFF, Assistant Professor
BENJAMIN D. BRAUN, Clinical Assistant Professor
ARLENE A. HALKO, Clinical Assistant Professor
FRANK H. HENDRICKSON, Assistant Professor
JULIUS HEYMANN, Clinical Assistant Professor
BILLY JAY HILL, Assistant Professor
JACQUES OVADIA, Clinical Assistant Professor
JOHN C. BUSH, Instructor*
CHARLES PFEYE, Instructor*
GEORGE G. HIRSCH, Instructor
MARTIN HOCHHAUSER, Instructor*
FRANK L. HUSSEY, Clinical Instructor
GUY R. MATTHEW, Instructor*
JOHN I. PRETTO, Instructor*
H. H. FORSYTH WINGELL, Instructor*
RALPH H. BAEB, Assistant*
RICHARD T. BERGERON, Assistant*
LEONARD BERLIN, Assistant*
EUGENE K. BORCHARD, Assistant*
ERNEST W. FORSHAM, Assistant*
EDWARD A. McGINNIS, Assistant*
CHARLES W. SAMET, Assistant*

Surgery

HILLIER L. BAKER, Clinical Professor (Rush), Emeritus
VERNON C. DAVENPORT, Professor (Rush), Emeritus
SELIM W. McARTHUR, Clinical Professor, Emeritus
EDWIN M. MILLER, Clinical Professor (Rush), Emeritus
OSCAR E. NADAOU, Clinical Professor, Emeritus
EDWARD J. BEATTIE, JR., Professor
EGBERT H. FELI, Clinical Professor (Rush)
RICHARD K. GILCHRIST, Clinical Professor (Rush)
PAUL W. GRILL, Clinical Professor
HILGER P. JENKINS, Lecturer with rank of Professor
FRANCIS H. STRAUSS, Clinical Professor (Rush)
WILLIAM H. HAZLETT, Clinical Associate Professor, Emeritus
FRANK J. JUCCA, Associate Professor, Emeritus
WILL F. LYON, Clinical Associate Professor, Emeritus
RUDOLPH J. E. OBER, Associate Professor, Emeritus
CARL B. DAVIS, JR., Clinical Associate Professor
WILLIS G. DIFFENBAUGH, Clinical Associate Professor
ARTHUR E. DIXON, Clinical Associate Professor (Rush)
WILLIAM S. DYE, JR., Clinical Associate Professor
EARL GABEISE, Clinical Associate Professor
CHESTER C. GUY, Clinical Associate Professor
BURTON C. KILBOURNE, Clinical Associate Professor
JOHN D. KOUCKY, Clinical Associate Professor
HIRAM T. LANGSTON, Clinical Associate Professor
STANLEY E. LAWTON, Clinical Associate Professor (Rush)
POSTER L. MCMILLAN, Clinical Associate Professor
DORRICE MONEE, Clinical Associate Professor (Rush)
JOHN H. OLWIN, Clinical Associate Professor (Rush)
MORRIS L. PARKER, Clinical Associate Professor
Louis W. Schultz, Clinical Associate Professor of Oral Surgery
Lindon Seed, Clinical Associate Professor
Harry W. Southwick, Clinical Associate Professor
Everett L. Strohl, Clinical Associate Professor
Frank V. Theis, Clinical Associate Professor (Rush)
Philip Thorpe, Clinical Associate Professor
Carl O. Almqvist, Clinical Assistant Professor
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
Mervin L. Gibbel, Clinical Assistant Professor
Raymond Green, Clinical Assistant Professor
Vernon L. Guy, Clinical Assistant Professor
Ronald G. Haley, Clinical Assistant Professor
Kossert C. Hanselman, Clinical Assistant Professor
Harry G. Hatte, Jr., Clinical Assistant Professor
William H. Harridge, 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
Johannes L. Koppel, Assistant Professor
Kenneth L. Matson, Clinical Assistant Professor
Harold I. Meyer, Clinical Assistant Professor
Frank J. Milloy, Jr., Clinical Assistant Professor
George A. Olander, Clinical Assistant Professor
John R. Ornberff, Clinical Assistant Professor
John H. Pribble, Clinical Assistant Professor
William L. Kiker, Clinical Assistant Professor
Harold A. Roth, Clinical Assistant Professor
Thomas Selleet, Clinical Assistant Professor
Philip Shambaugh, Clinical Assistant Professor
William D. Shorey, Clinical Assistant Professor
Robert F. Stok, Clinical Assistant Professor
Milan M. Wasick, Clinical Assistant Professor
Milson Weinberg, Jr., Clinical Assistant Professor
Carl W. Werner, Clinical Assistant Professor
Leon J. Witowski, Clinical Assistant Professor
Robert J. Baker, Clinical Instructor
John H. Bencroft, Instructor (one year from July 1, 1961)
Walter L. Barker, Instructor (one year from July 1, 1961)
William C. Bredman, Clinical Instructor
Donald M. Buckner, Instructor (one year from July 1, 1961)
Peter Buinauskas, Instructor (one year from July 1, 1961)
Jackson E. Cagle, Jr., Clinical Instructor (one year from July 1, 1961)
Mohammad A. Cheema, Clinical Instructor (fourteen months from July 1, 1961)
Noble Correll, Clinical Instructor
Glenn W. Fiscus, Clinical Instructor
John W. Frisch, Clinical Instructor
Andres Gabel, Instructor (one year from July 1, 1961)
Gordon H. Glassford, Instructor (one year from July 1, 1961)
Howard H. Hamlin, Clinical Instructor
Irwin Harris, Instructor (one year from July 1, 1961)
Joseph F. Hinkamp, Clinical Instructor
Johannes M. L. Jensen, Clinical Instructor
John M. Kenwell, Instructor (one year from July 1, 1961)
Andrew Kirsteins, Clinical Instructor
Frances E. Knock, Clinical Instructor
Wilbur D. Lathom, Instructor (one year from July 1, 1961)
Oscar S. Lent, Jr., Clinical Instructor
William E. Looby, Clinical Instructor
Joseph R. McAndrew, Clinical Instructor
Randall E. McNally, Clinical Instructor (on leave of absence for military service)
Chafick N. Mansour, Clinical Instructor
Hassan Najafi, Instructor (one year from July 1, 1961)
Steven H. Nye, Clinical Instructor
Roger A. Ott, Instructor (one year from July 1, 1961)
John W. Otten, Clinical Instructor
Robert J. Overstreet, Clinical Instructor
John C. Parrott, Instructor (one year from July 1, 1961)
George L. Pastnak, Clinical Instructor
Eubell G. Paul, Clinical Instructor
Harold A. Paul, Clinical Instructor (fourteen months from July 1, 1961)
Martin Pepper, Clinical Instructor
Edgar R. Picken, Clinical Instructor
Richard C. Powers, Clinical Instructor
Morris M. Proffett, Clinical Instructor
Alfred Rasmussen, Clinical Instructor
Oliver V. Renaud, Clinical Instructor
Stuart S. Roberts, Instructor (one year from July 1, 1961)
Richard C. Schultz, Clinical Instructor
Wendell H. Schmidtke, Instructor (one year from July 1, 1961)
Carl K. Solander, Clinical Instructor
Horace C. Stansel, Jr., Clinical Instructor
E. Wilson Staub, Instructor (one year from July 1, 1961)
Richard A. Tariuzzo, Instructor (one year from July 1, 1961)
Edward R. Trumpman, Instructor (one year from July 1, 1961)
Richard S. Webb, Jr., Instructor (one year from July 1, 1961)
Robert B. White, Clinical Instructor
Arthur R. Williamson, Clinical Instructor (fourteen months from July 1, 1961)
Michael F. Witanowski, Clinical Instructor
Robert C. Eberle, Instructor (one year from July 1, 1961)
Karl F. Baker, Jr., Assistant (one year from July 1, 1961)
Burton R. Banko, Jr., Assistant (one year from July 1, 1961)
Richard G. Caldwell, Assistant (one year from July 1, 1961)
Edward A. Dainko, Assistant (one year from July 1, 1961)
Alexander Doolas, Assistant (one year from July 1, 1961)
John D. Ellenby, Assistant (one year from July 1, 1961)
Lawrence A. Fagarason, Assistant (one year from July 1, 1961)
Allan L. Graham, Assistant (one year from July 1, 1961)
Loren J. Humphrey, Assistant (one year from July 1, 1961)
Ferrel E. Johnson, Clinical Assistant
Olga M. Jonasson, Assistant (one year from July 1, 1961)
Gerald E. Lawrence, Assistant (one year from July 1, 1961)
LeRoy Long, Assistant (one year from July 1, 1961)
Larry O. McKnelly, Assistant (one year from July 1, 1961)
James H. Mason, Assistant (one year from July 1, 1961)
John J. Minster, Assistant (one year from July 1, 1961)
Marvin M. Romadak, Assistant (one year from July 1, 1961)
Ethan B. Ruben, Assistant (one year from July 1, 1961)
James A. Sandrolini, Assistant (one year from July 1, 1961)
Charles T. Smallwood, Assistant (one year from July 1, 1961)
John M. Somerdiike, Assistant (one year from July 1, 1961)
Robert J. Toohill, Assistant (one year from July 1, 1961)
Kenneth R. Vander Venne, Assistant (one year from July 1, 1961)
David Yashon, Assistant (one year from July 1, 1961)

Division of Urology
Norris J. Heckel, Clinical Professor (Rush)
Edward Buckman, Clinical Associate Professor (Rush), Emeritus
Ewen C. Graf, Clinical Associate Professor
Theophil P. Grauer, Clinical Associate Professor
JAMES W. MERRICKS, JR., Clinical Associate Professor (Rush)
GEORGE O. BAUMREUTHER, Clinical Assistant Professor
JOSEPH S. DRABANSKI, Clinical Assistant Professor
R. ROSS HAEGER, Clinical Assistant Professor
WILLARD C. MEYER, Clinical Assistant Professor
FRANK B. PAPIERNIAK, Clinical Assistant Professor
COLQUITT O. RITCH, Clinical Assistant Professor
FREDERICK SCHACHT, Clinical Assistant Professor
CARL D. BERRY, JR., Clinical Instructor
JAMES A. CALAMS, Clinical Instructor
DANIEL H. CALLAHAN, Clinical Instructor
THOMAS L. COTTRELL, Clinical Instructor
RAYMOND FIRFER, Clinical Instructor
MALACHI J. PLANAGAN, Instructor (one year from July 1, 1961)*
PABLO M. GONZALEZ, Clinical Instructor
CHARLES P. MCKIEL, JR., Instructor (one year from July 1, 1961)*
JAMES C. VALENTA, Clinical Instructor
ALFONSO DIAZ, Clinical Assistant

Division of Anesthesiology

ERNST T. MORCH, Clinical Professor
PAUL W. SEARLES, Clinical Professor
MARY M. LYONS, Clinical Associate Professor (Rush), Emerita
JOHN E. CAWLEY, Clinical Assistant Professor
MYRON J. LEVIN, Clinical Assistant Professor
HAROLD E. NATOP, Clinical Assistant Professor
JOSEPH K. REMLINGER, Clinical Assistant Professor
MILTON J. SCHIFFER, Clinical Assistant Professor
JOHN L. SCHMIDT, Clinical Assistant Professor
ARUN K. SEN, Clinical Assistant Professor
DODGE G. SEYMOUR, Clinical Assistant Professor
ARTHUR T. SHIMA, Clinical Assistant Professor
HERSHEL L. KEELING, Clinical Associate

CONSTANTA B. DEPAPA, Instructor (one year from July 1, 1961)*
GWEN GLEAVE, Clinical Instructor
EILEEN HECKEL, Clinical Instructor
DAVID KATZ, Clinical Instructor
JOHN NELSON, Clinical Instructor
BRIGHT Y. ONODA, Clinical Instructor
STANKA K. PALIPOFF, Clinical Instructor
RAYMOND F. ROSE, Clinical Instructor
LESTER SCHWARTZ, Clinical Instructor
VIVANTE K. SANTES, Instructor (one year from July 1, 1961)*
MAURICE M. TENKANT, Clinical Instructor
DAN A. VALENTI, Clinical Instructor
RAKAM V. VITRUNS, Clinical Instructor
JOSE R. ALFONSO, Assistant (one year from July 1, 1961)*
THOMAS L. ASHCRAFT, Clinical Assistant (fourteen months from July 1, 1961)
DAVID L. BRUCE, Assistant (one year from July 1, 1961)*
SARA J. BURCHELL, Assistant (one year from July 1, 1961)*
CARLETON E. DANDREMOND, Clinical Assistant (on leave of absence for military service)

JAIME ILLEI, Assistant (one year from July 1, 1961)*
YAROSLAV KOKORUBEZ, Assistant (one year from July 1, 1961)*
DAVID W. KRAUS, Assistant (one year from July 1, 1961)*
JOHN M. LARSON, Assistant (one year from July 1, 1961)*
MARY E. LEARBATER, Assistant (one year from July 1, 1961)*
JAMES H. MACLEAN, Assistant (one year from July 1, 1961)*
WILLIAM R. MELEY, Clinical Assistant (on leave of absence for military service)
CHARLES W. PASTIA, Assistant (one year from July 1, 1961)*
JUSTO J. PEREZ, Assistant (one year from July 1, 1961)*
ARTHUR W. PETTERSON, Assistant (one year from July 1, 1961)*
EARL A. SABIN, Assistant (one year from July 1, 1961)*
MORTON SHULMAN, Clinical Assistant (fourteen months from July 1, 1961)
ADVISORY COMMITTEE FOR THE COLLEGE OF VETERINARY MEDICINE

(5) The Dean of the College of Veterinary Medicine recommends the appointment of Mr. Fred W. Anderson, Circle A Hereford Ranch, Morris, Illinois, to the Advisory Committee for the College of Veterinary Medicine for a period of three years beginning September 1, 1961.

I concur.

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

ADVISORY COMMITTEE FOR INSTITUTE FOR RESEARCH ON EXCEPTIONAL CHILDREN

(6) The Director of the Institute for Research on Exceptional Children recommends the following appointments to the Advisory Committee of the Institute for Research on Exceptional Children for three years beginning September 1, 1961.

Representatives of the University

Professor Louis Schneider, Head of the Department of Sociology
Professor Lloyd G. Humphreys, Department of Psychology, and Professor Walter J. Moore, College of Education, are the other representatives of the University. Their terms expire in 1963 and 1962 respectively.

Representatives of the Department of Mental Health

(Formerly Department of Public Welfare)

Dr. Donald Brieland, Director of Children's Services, State Department of Mental Health
Dr. Joseph Albaum, Superintendent, Lincoln State School, Lincoln, Illinois, is the other representative of the Department of Mental Health. His term expires in 1963.

Representatives of the Department of Public Instruction

Mr. Ray Graham, Director of the Division of Special Education, and Dr. Oscar Chute, Superintendent of Evanston Public Schools, District No. 65, Evanston, Illinois, are the representatives of the Department of Public Instruction. Their terms expire in 1963 and 1962 respectively.

The Board of Trustees on July 16, 1952 (minutes, page 5) approved the plan for the organization of the Institute which includes an Advisory Committee consisting of three representatives from the University, two from the Department of Public Welfare (now Department of Mental Health), and two from the Department of Public Instruction, each appointed for a three-year term.

The Dean of the College of Education and the Executive Vice-President and Provost endorse these nominations.

I recommend approval.

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

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

(7) The Division of Services for Crippled Children has a Professional Advisory Committee appointed by the Board of Trustees for two-year periods. The Vice-President in charge of the Chicago Professional Colleges and the Director of the Division of Services for Crippled Children recommend the following reappointments and new appointments for two years beginning July 1, 1961.

Reappointments

Floyd S. Barringer, M.D. (Neurosurgeon), 704 North First, Springfield
Ray E. Brown, Superintendent, University of Chicago Clinics, 950 East Fifty-ninth Street, Chicago 37
New Appointments

ROBERT T. FIELDING, M.D. (Pediatrician), 101 East Miller Road, Sterling
HERBERT KORPE-BAREK, Ph.D., Research Professor of Speech Pathology, Southern
Illinois University, Carbondale
ROBERT D. MOORE, M.D. (Orthopaedist), University of Chicago Clinics, 950 East
Fifty-ninth Street, Chicago 37
WILLIAM J. SCHNUTE, M.D. (Orthopaedist), 720 North Michigan Avenue, Chi­
cago 1

Fred L. STUTTLE, M.D. (Orthopaedist), 1200 Hamilton Boulevard, Peoria

I concur.

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

REPORT OF MINOR CHANGES IN CURRICULA

(8) During the academic year 1960-61, the following minor changes in educa­
tional programs and curricula were approved by the Urbana Senate Committee
on Educational Policy. The changes have been approved by the Executive Vice-
President and Provost's Office, and although that office and the Committee have
advised that no further Senate or other actions are required, they are being
reported to the Board for record and confirmation.

College of Agriculture
Curriculum in Home Economics, Hospital Dietetics Option

The following required courses have been added:

Chemistry 122, Elementary Quantitative Analysis
Home Economics 324, Problems in Nutrition
Management 248, Personnel Administration
One of the following: Accounting 201, Fundamentals of Accounting; Home
Economics 330, Experimental Foods; Home Economics 355, Advanced Quantity
Cookery and Catering.

These courses have been incorporated into the option to satisfy certain new
requirements for internships in approved hospitals and were established by the
American Dietetics Association.

College of Engineering
Curriculum in General Engineering

The following changes consist of replacing a sequence of civil engineering
design courses or a sequence of mechanical engineering design courses with a
sequence of newly developed general engineering design courses developed especially for general engineering students. The new courses are:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>G.E. 231</td>
<td>Engineering Analysis I</td>
<td>3</td>
</tr>
<tr>
<td>G.E. 232</td>
<td>Engineering Analysis II</td>
<td>4</td>
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<tr>
<td>G.E. 241</td>
<td>Component Design</td>
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<tr>
<td>G.E. 242</td>
<td>Project Design</td>
<td>3</td>
</tr>
<tr>
<td>G.E. 288</td>
<td>Economic Aspects of Engineering</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>17</td>
</tr>
</tbody>
</table>

College of Fine and Applied Arts

Curriculum in Music Education (for the Degree of Bachelor of Science)

The following courses have been revised:
- Music 101, Theory, three hours (same course content but three rather than four hours credit)
- Music 213 and 214, History and Appreciation of Music, three hours (this is a more comprehensive course in the history of music and changes the credit from two to three hours)

Curriculum in Sculpture

The Urbana Senate Committee on Educational Policy has approved a proposal from the Department of Art and the Executive Committee of the College of Fine and Applied Arts, for an option in the existing curriculum in art leading to the degree of Bachelor of Arts in Sculpture. The following new courses will accompany this option:
- Art 253, Intermediate Sculpture I
- Art 254, Intermediate Sculpture II
- Art 255, Sculpture Materials and Techniques I
- Art 256, Sculpture Materials and Techniques II
- Art 257, Advanced Sculpture I
- Art 258, Advanced Sculpture II
- Art 259, Advanced Sculpture Materials and Techniques I
- Art 260, Advanced Sculpture Materials and Techniques II

The details of this curriculum are being filed with the Secretary of the Board for record.

Graduate College

Degree of Master of Science in Home Economics Education

Candidates for the degree of Master of Science in Home Economics Education must earn eight units with four in home economics. Three units, at least one in home economics, must be courses number 400 or above.

Degree of Master of Arts in the Teaching of Spanish

Candidates for the degree of Master of Arts in the Teaching of Spanish must earn a minimum of six units in Spanish and two units in education. The requirements are:

Spanish

- Up to three units from any of the following not included in an undergraduate program:
  - Spanish 301-302, Survey of Spanish Literature
  - Spanish 303-304, Survey of Spanish-American Literature
  - Spanish 311, Cervantes
  - Spanish 314, Spanish Drama of the Golden Age
  - Spanish 331, La Cultura Hispanica: España
  - Spanish 351, Phonetics
  - Spanish 352, Syntax
  - Linguistics 300, Introduction to Linguistics

- At least three units from:
  - Spanish 415 or 416, Spanish Literature in the Sixteenth Century
  - Spanish 421, 422, 423, or 424
  - Spanish 431, 432, 433, or 434
Education

Education 311, Psychology of Learning for Teachers
Education 312, Mental Hygiene and the School
Two of the following: Education 301, Philosophy of Education; Education 302, History of American Education; Education 303, Comparative Education; Education 304, Social Foundations of Education

College of Liberal Arts and Sciences

General Curriculum

Foreign Language Requirements

These requirements are revised to read:

A reading knowledge of a foreign language equivalent to that resulting from four semesters of study of a foreign language commenced in college is required. Completion of four years of foreign language in high school also satisfies this requirement. Proficiency examinations are offered in those languages which are included in the curricula of the College of Liberal Arts and Sciences. Students transferring from other colleges may present in satisfaction of the language requirement two years of college credit in a language not offered at the University of Illinois.

Students planning to enter the Graduate College are advised to obtain a reading knowledge of two of the following languages: French, German, Russian.

General Education Sequences

The following sequences satisfy the general education requirements for the biological sciences: Microbiology 100, Microbiology 101, and Physiology 103; Microbiology 100, Microbiology 101, and Zoology 104; Microbiology 100, Microbiology 101, and Entomology 103.

Majors and Minors

The following changes have been made in majors and minors.

Economics Major: Economics 109 is dropped from the requirements for a major in economics.

Mathematics Major: The following courses have been added to the list of courses of which two are required for all mathematics majors: 332, 333, 353, 354.

Physiology Major: Twenty hours in animal physiology, of which ten or more must be from departmental courses in the advanced group. In addition, the student’s program must include one semester each of vertebrate embryology, organic chemistry and physical chemistry, and two semesters of general physics. Calculus is recommended strongly.

Zoology Major: Twenty hours in zoology excluding Zoology 101, 104, 106, and Biological Science 106, and including five hours of advanced work. One year of physics and one year of chemistry are required of all zoology majors. The courses taken in physics and chemistry may be applied toward a minor in either of these fields.

Zoology Minors: Twenty hours in one or two of the following subjects, with at least eight hours in each if two are chosen: animal science (to be selected from Animal Science 100, 110, 230, 305, or 330), anthropology, botany, chemistry, education, entomology, geography, geology, mathematics, microbiology, physics, physiology, psychology.

Electives

Law: The applicant for the degree should petition the dean of the College of Liberal Arts and Sciences, who may approve the granting of the bachelor’s degree if all the college and University requirements have been met and the student is in good standing in the law school from which the credit is being transferred.

Curriculum in General Studies

Substitute “foreign language” for “electives” in the four-semester outline, changing the stipulated hours to sixteen for each semester. The foreign language requirement for students in the Division of General Studies curriculum is the same as that for students in the general Liberal Arts and Sciences curriculum.
Upon completion of the requirement, suitable electives may be substituted for foreign language in the four-semester outline.

**Curriculum in Latin-American Studies, Division of Social Studies**

Linguistics has been added to the list of minors acceptable for majors in the curriculum in Latin-American Studies.

**Curriculum in Russian Language and Area Studies**

Students who elect Russian Language and Area Studies as a major must:

1. Complete the prescribed and general education sequences required in the general curriculum.
2. Complete at least twenty semester hours of Russian language courses, in addition to Russian 101-102, or demonstrate equivalent proficiency.
3. Complete a major consisting of at least twenty semester hours distributed among at least four departments and chosen from the following list: Anthropology 381, 382; Economics 312; Geography 353; History 219, 220, 327, 328; Political Science 335; Russian 309, 310, 321, 322, 323, 324. Courses used for major or minor credit outside the program of Russian Language and Area Studies may not count as part of this twenty hours.
4. Complete a minor of twenty hours, excluding courses open to freshmen, in one or two departments. If two are chosen, at least eight hours must be taken in each. Courses in the Russian language may, with the approval of the Program Director, constitute all or part of this minor.

A minor in Russian Language and Area Studies, designed to accompany a major in any department, requires at least twenty semester hours distributed among at least three departments and chosen from the following list: Anthropology 381, 382; Economics 312; Geography 353; History 219, 220, 327, 328; Political Science 335; Russian 309, 310, 321, 322, 323, 324. It also requires a knowledge of Russian equivalent at least to that normally attained after Russian 101-102.

Students in other colleges and schools of the University who desire a knowledge of the Russian area are invited to consult, either directly or through their advisers, with the Program Director for Russian Language and Area Studies in order to develop programs suited to their individual needs.

**Premedical Curriculum**

Change description of the curriculum by deleting the following paragraph:

Other factors being equal, students who have completed the second and third years of the premedical curriculum in the University of Illinois with an average of 4.3 or better are given preferential consideration by the College of Medicine's Committee on Admissions.

Changes in accepted courses and the majors to which they apply:

Biochemistry 301, 302, and 303, consisting of 66 hours in lecture and 88 hours in laboratory, to be applied to a chemistry major or for elective credit at the upper division level for a total of six semester hours.

Physiology 301, 302, and 303, consisting of 90 hours in lecture and 149 hours in laboratory and conference, to be applied to a physiology or zoology major or for elective credit at the upper division level for a total of ten semester hours.

**Curriculum Preparatory to the Teaching of Mathematics**

Change in the total numbers of semester hours given in the curriculum from 125-135 to 127-136 hours, but no change in the minimum hours (120) of credit required for graduation.

Addition of the following acceptable teaching minors: physical science, accountancy, and economics education. Addition of Russian as an acceptable foreign language teaching minor.

Changes in required mathematics courses to conform to the present offerings of the University and to strengthen the subject-matter preparation of prospective teachers in mathematics.

**Curriculum Preparatory to the Teaching of Spanish**

Number of required hours for a teaching minor increased from sixteen to
twenty semester hours in order to meet the new state teacher certification requirement.

Addition of subject-matter fields which would be considered as desirable teaching minor combinations with Spanish as major teaching subject.

College of Physical Education

Curriculum in Health Education

Two courses, Health Education 283, Physical and Health Inspection, and Health Education 287, Field Work in Community Health, have been dropped and are replaced by Health Education 283, Man and His Diseases, and Health Education 287, Concepts of Health, Aging, and Longevity.

Revisions have been made in the teacher education minor in health education (a report of the details of these revisions is filed with the Secretary of the Board for record).

On motion of Mr. Swain, these reports were received for record, and the actions were confirmed.

APPROPRIATION FOR CONSTRUCTION OF LOCUST STREET SANITARY SEWER AND LIFT STATION

The Urbana and Champaign Sanitary District has requested the University of Illinois to share in the cost of construction of a new Locust Street (Champaign) sanitary sewer, including a lift station. This sewer will replace the present sewer extending from an existing manhole on the south side of Armory Avenue north to a new manhole approximately 45 feet north of Green Street. The lift station will be constructed on the south side of Armory Avenue to lift the sewage at that point to the new sewer.

The total cost of the project is estimated to be $112,100 and the University is asked to contribute 16.97746 per cent of the cost, or approximately $19,031.73. The University has been contributing its proportionate share of the cost of plant improvements made by the Urbana and Champaign Sanitary District and has annually paid its proportionate share of the cost of operating the local sewage disposal plant. The amount requested for the construction of the new Locust Street sewer is based on the 1960-61 factor applied in calculating the University’s share of operation and maintenance cost of the District’s plant.

The Locust Street sanitary sewer serves all University property south of Armory Avenue and west of Fourth Street, including the new Fine and Applied Arts Building and the Law Building, and an adequate and reliable sanitary sewer outlet for this portion of the campus is of importance to the University.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an agreement with the District providing for the University’s share of the cost.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute such an agreement with the Urbana and Champaign Sanitary District, and that an appropriation of $19,032 be made from the General Reserve for this purpose.

On motion of Mr. Johnston, this agreement was authorized, and the requested appropriation was made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

The Committee on Nonrecurring Appropriations recommends assignments of funds from the General Reserve for the following:

1. Remodeling in Noyes Laboratory to provide a classroom in the basement to replace classroom space on the third floor which is being converted for use as a Computer Center. $4,632.00

2. Remodeling the building at 1240 South Euclid Street, one of the Parade Ground housing units, formerly used by the Housing Division, for use by the Student Rehabilitation Center. $4,540.00
3. Remodeling and equipment for the Office of the Executive Vice-
President and Provost to provide space for additional staff mem-
ber and a reception area .................................................. $191,745
Total ................................................................. $17,363,745
I concur.

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

REAPPROPRIATION OF UNEXPENDED BALANCES

(11) The Vice-President and Comptroller recommends that the following bal-
ances and overdrafts in budget appropriations and appropriations for special
projects not completed on June 30, 1961, be carried forward for the fiscal year
beginning July 1, 1961, in accordance with usual policy.
I concur.

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

Urbana-Champaign
General administration and expense .................. $558,108
Microfilming records ........................................ 214
Special legal services .................................. 7,107
Provost instructional television from other
departments .................................................. 13,048
Alumni records conversion .......................... 6,920
Student life movie ........................................ 6,267
$ 92,264
Agriculture ................................................... 37,675
Commerce and Business Administration ......... 4,653
Education ..................................................... 784
Engineering .................................................. 29,050
Fine and Applied Arts ................................ 3,416
Graduate College .......................................... 8,716
Journalism and Communications .................. 5,519
Law ................................................................. 247
Liberal Arts and Sciences ............................ 7,788
Physiology, relocation in Burrill Hall .......... 774
Physical Education ......................................... 1,021
University Extension ................................... 36,833
Veterinary Medicine .................................... 3,700
Other schools and colleges ......................... 290
Library and Graduate School of Library Science .. 5,910
Russian and Slavic materials ....................... 44
Law ................................................................. 954
Physical Plant
Regular operation and maintenance ............ 264,988
Renewals and replacements ....................... 87,853
1 Illi-bus operation ..................................... 1,172
Unexpended plant plant ................................. 354,013
605 East Daniel Street, purchase ................... 1,000
Renewals and replacements ....................... 4,163
Accounting, special equipment .................. 1,285
Admissions and Records, special equipment .... 3,462
Vartype equipment ........................................ 3,000
Electron Microscope Laboratory ................. 50,797
Bureau of Institutional Research building .... 45,874
Dixon Springs, staff houses ....................... 7,030
805 West Pennsylvania Avenue, remodeling .... 1,834
Physics, temporary building ....................... 2,665
1205 West Oregon Street, remodeling .......... 3,300
<table>
<thead>
<tr>
<th>Project Description</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Central Receiving Station</td>
<td>$67</td>
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<td>Agriculture administration, special equipment</td>
<td>957</td>
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<tr>
<td>Truck, purchase</td>
<td>936</td>
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<tr>
<td>Commerce and Business Administration, equipment and remodeling</td>
<td>196</td>
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<tr>
<td>Administration Building, air conditioning third floor</td>
<td>700</td>
</tr>
<tr>
<td>Administration Building, remodeling</td>
<td>177</td>
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<tr>
<td>Arcade Building and Illini Hall, remodeling</td>
<td>671</td>
</tr>
<tr>
<td>Armory, remodeling</td>
<td>437</td>
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<tr>
<td>Illini Union, remodel mezzanine fourth floor</td>
<td>2</td>
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<tr>
<td>McKinley Hospital, fire doors</td>
<td>8050</td>
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<tr>
<td>McKinley Hospital, renovation</td>
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<td>Radiocarbon Laboratory, air conditioning</td>
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<tr>
<td>Agriculture Engineering Building, classroom</td>
<td>208</td>
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<tr>
<td>Agronomy Storehouse, remodeling</td>
<td>572</td>
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<tr>
<td>Davenport Hall, chemistry hoods</td>
<td>479</td>
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<td>Dairy Manufactures Building, remodeling</td>
<td>341</td>
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<tr>
<td>Davenport Hall, remodeling</td>
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<td>Architecture Field Laboratory, remodeling</td>
<td>221</td>
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<tr>
<td>Round Barn, remodeling</td>
<td>158</td>
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<tr>
<td>Commerce Annex, remodeling</td>
<td>500</td>
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<tr>
<td>David Kinley Hall, remodeling</td>
<td>481</td>
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<tr>
<td>Gregory Hall, remodeling</td>
<td>605</td>
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<tr>
<td>University High School, remodeling</td>
<td>440</td>
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<tr>
<td>Woodshop, remodeling</td>
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<tr>
<td>Architecture Building improvements</td>
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<tr>
<td>Gregory Hall, air conditioning room</td>
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<tr>
<td>Algeld Hall, remodeling</td>
<td>313</td>
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<tr>
<td>English Building, remodeling</td>
<td>995</td>
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<td>Lincoln Hall, remodeling</td>
<td>315</td>
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<tr>
<td>Natural History Building, remodeling</td>
<td>122</td>
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<td>Natural History Building, remodeling room 413</td>
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<tr>
<td>Noyes Laboratory, remodeling</td>
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<tr>
<td>Noyes Laboratory, remodeling basement and third floor</td>
<td>115</td>
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<td>Huff Gymnasium, remodeling</td>
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<tr>
<td>Men's Old Gymnasium, lockers</td>
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<tr>
<td>Men's Old Gymnasium Annex, rest rooms</td>
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<tr>
<td>Veterinary Clinic, remodeling second floor</td>
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<tr>
<td>1205 West California Avenue, remodeling attic</td>
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<tr>
<td>605 South Goodwin Avenue, remodeling</td>
<td>974</td>
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<tr>
<td>Civil Engineering, special equipment</td>
<td>438</td>
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<tr>
<td>Quonset Building, remodeling</td>
<td>268</td>
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<tr>
<td>Analog computer</td>
<td>439</td>
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<tr>
<td>Electrical Engineering, special equipment</td>
<td>612</td>
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<tr>
<td>505 South Goodwin Avenue, remodeling</td>
<td>300</td>
</tr>
<tr>
<td>1207 West Oregon Street, renovation</td>
<td>500</td>
</tr>
<tr>
<td>909 South Sixth Street, remodeling</td>
<td>500</td>
</tr>
<tr>
<td>909 South Sixth Street, remodeling</td>
<td>609</td>
</tr>
<tr>
<td>Mining Laboratory, improvements</td>
<td>527</td>
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<tr>
<td>Mining, Metallurgy, and Petroleum Engineering, special equipment</td>
<td>350</td>
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<tr>
<td>Nuclear Engineering, special equipment</td>
<td>600</td>
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<tr>
<td>Architecture, special equipment</td>
<td>281</td>
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<tr>
<td>Art, special equipment</td>
<td>269</td>
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<tr>
<td>City Planning and Landscape Architecture, special equipment</td>
<td>541</td>
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<tr>
<td>Auditorium, organ repair</td>
<td>836</td>
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<tr>
<td>Practice organs</td>
<td>000</td>
</tr>
<tr>
<td>Krannert Art Museum, special equipment</td>
<td>384</td>
</tr>
<tr>
<td>Graduate College, flexo-writer</td>
<td>565</td>
</tr>
<tr>
<td>Graduate College, truck</td>
<td>596</td>
</tr>
<tr>
<td>Botany, special equipment</td>
<td>652</td>
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<tr>
<td>East Chemistry Building, remodeling for biochemistry</td>
<td>533</td>
</tr>
<tr>
<td>Chemistry and Chemical Engineering, special equipment</td>
<td>524</td>
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<tr>
<td>Department</td>
<td>Expenses</td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>Geology, special equipment</td>
<td>$1,643</td>
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<tr>
<td>Physiology, special equipment</td>
<td>$1,796</td>
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<tr>
<td>Illini Hall, improvements in room 331</td>
<td>$77</td>
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<tr>
<td>Speech and Theatre, special equipment</td>
<td>$1,035</td>
</tr>
<tr>
<td>1204 West California Avenue, retaining wall</td>
<td>$3,000</td>
</tr>
<tr>
<td>Bicycle parking areas</td>
<td>$5,549</td>
</tr>
<tr>
<td>Fence repairs</td>
<td>$761</td>
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<tr>
<td>Bicycle lanes</td>
<td>$2,403</td>
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<tr>
<td>Recreational area Stadium Drive</td>
<td>$16,032</td>
</tr>
<tr>
<td>Sanitary sewer dairy burns</td>
<td>$4,351</td>
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<tr>
<td>Storm sewer improvements</td>
<td>$2,500</td>
</tr>
<tr>
<td>Veterinary Medicine, special equipment</td>
<td>$4,270</td>
</tr>
<tr>
<td>Library, special equipment</td>
<td>$3,126</td>
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<tr>
<td>Art museum</td>
<td>$8,533</td>
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<tr>
<td>Architectural studies for future buildings</td>
<td>$58,359</td>
</tr>
<tr>
<td>Electrical Engineering, bioacoustics laboratory</td>
<td>$60,943</td>
</tr>
<tr>
<td>Classrooms, improving lighting</td>
<td>$30,000</td>
</tr>
<tr>
<td>Minor improvements</td>
<td>$389</td>
</tr>
<tr>
<td>Memorial Stadium, lightning protection</td>
<td>$1,812</td>
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<tr>
<td>Nursery relocation</td>
<td>$1,655</td>
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<tr>
<td>Parking facilities</td>
<td>$2,252</td>
</tr>
<tr>
<td>Remodeling and minor additions unassigned</td>
<td>$19,383</td>
</tr>
<tr>
<td>Tree removal</td>
<td>$4,952</td>
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<tr>
<td>University Press Building</td>
<td>$435</td>
</tr>
<tr>
<td><strong>Total, Urbana-Champaign</strong></td>
<td>$126,627</td>
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<tr>
<td></td>
<td>($1702,189)</td>
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**Chicago Professional Colleges**

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<thead>
<tr>
<th>Department</th>
<th>Expenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>General administration and expense</td>
<td>$9,250</td>
</tr>
<tr>
<td>Estimates and alterations</td>
<td>$3,290</td>
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<tr>
<td><strong>Total</strong></td>
<td>$12,540</td>
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<tr>
<td></td>
<td>($21,339)</td>
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<tr>
<td>Medicine</td>
<td>$2,139</td>
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<tr>
<td>Dentistry</td>
<td>$6,872</td>
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<tr>
<td>Pharmacy</td>
<td>$583</td>
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<tr>
<td>Graduate College</td>
<td>$9,736</td>
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<tr>
<td>College of Nursing</td>
<td>$2,884</td>
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<tr>
<td>Physical Education</td>
<td>$426</td>
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<tr>
<td>Broadcasting</td>
<td>$214</td>
</tr>
<tr>
<td>Aeromedical Laboratory</td>
<td>$1,774</td>
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<tr>
<td>Division of Services for Crippled Children</td>
<td>$95,515</td>
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<tr>
<td>Research and Educational Hospitals</td>
<td>$158,715</td>
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<tr>
<td>Library</td>
<td>$6,521</td>
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<tr>
<td>Physical Plant</td>
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<tr>
<td>Regular operation and maintenance</td>
<td>$87,923</td>
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<tr>
<td>Renewals and replacements</td>
<td>$26,462</td>
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<tr>
<td><strong>Total</strong></td>
<td>$113,485</td>
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<td></td>
<td>($48,559)</td>
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**Unexpended plant**

<table>
<thead>
<tr>
<th>Department</th>
<th>Expenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admissions and Records, microfilming</td>
<td>$572</td>
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<tr>
<td>Admissions and Records, equipment</td>
<td>$183</td>
</tr>
<tr>
<td>Ophthalmology, equipment</td>
<td>$4,840</td>
</tr>
<tr>
<td>Physiology, equipment</td>
<td>$166</td>
</tr>
<tr>
<td>Pathology, equipment</td>
<td>$1,326</td>
</tr>
<tr>
<td>Dentistry, X-ray machine</td>
<td>$1,211</td>
</tr>
<tr>
<td>Pharmacy, equipment</td>
<td>$3,199</td>
</tr>
<tr>
<td>Physiology and Pharmacology, equipment</td>
<td>$777</td>
</tr>
<tr>
<td>Radiology, equipment</td>
<td>$3,761</td>
</tr>
<tr>
<td>Radiology and Anesthesiology, equipment</td>
<td>$980</td>
</tr>
<tr>
<td>Radiology, X-ray film processing unit</td>
<td>$19,000</td>
</tr>
<tr>
<td>Architectural studies for future buildings</td>
<td>$9,603</td>
</tr>
<tr>
<td>Pharmacology, remodeling room 409a</td>
<td>$954</td>
</tr>
<tr>
<td>Electrical service improvements</td>
<td>$283</td>
</tr>
<tr>
<td>Physiology, install fume hoods</td>
<td>$17,312</td>
</tr>
<tr>
<td>Ophthalmology, remodeling</td>
<td>$4,853</td>
</tr>
<tr>
<td>Pharmacy, conversion of classrooms</td>
<td>$1,644</td>
</tr>
<tr>
<td>Dental Clinics, remodeling</td>
<td>$751</td>
</tr>
<tr>
<td>Biochemistry, remodeling room 313</td>
<td>$6,548</td>
</tr>
</tbody>
</table>
Research and Educational Hospitals addition, install exit door ........................................ $ 1,650
Campus protective lighting ........................................ 1,171
Research and Educational Hospitals, Radiology, install communication system ...... 2,100
Dentistry-Medicine-Pharmacy Building, air conditioner ........................................ 1,355
Pathology, install washer ........................................ 950
Minor estimating unassigned ........................................ 295
Hospital Residence, sign ........................................ 340
Pharmacology, remodeling room 407 ........................................ 500
Dentistry, bulletin board ........................................ 407
Dental Admissions, partition ........................................ 475
Room 408, install 220 volt line ........................................ 450
Research and Educational Hospitals, partition room 21 ........................................ 355
Room 258, install window air conditioner ........................................ 500
Research and Educational Hospitals, eighth floor, estimate of germ free environment ........ 300

Total, Chicago Professional Colleges ........................................ 101,435

Chicago Undergraduate Division
General administration and expense ........................................ 2,009
Art gallery ........................................ 137
Auditorium expense ........................................ 1,808
Radioisotope ........................................ 1,627
Liberal Arts and Sciences ........................................ 6,443
Engineering ........................................ 7,723
Graduate College ........................................ 1,678
Armed Forces ........................................ 1,793
Library ........................................ 512
Regular operation and maintenance ........................................ 37,819
Building rentals and insurance ........................................ 4,157

Total, Chicago Undergraduate Division ........................................ 26,916

Unexpended plant
Office of the Dean, special equipment ........................................ 174
Engineering and Architecture, remodeling ........................................ 2,073
Biological Laboratory, remodeling ........................................ 5,900
Lecture room, remodeling ........................................ 5,398
Admissions and Records, air conditioning ........................................ 1,664
Library, remodel rooms 39, 40, and 42, and area 332 ........................................ 1,556
Remodel rooms 113, 120 and 132 ........................................ 500

Total, Chicago Undergraduate Division ........................................ 26,916

Grand Total ........................................ 81,776,708

CONTRACT FOR ADDITION TO ABBOTT POWER PLANT

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $26,020 to Sprinkmann Sons Corporation of Illinois, Peoria, the lowest bidder, for thermal insulation (Division "8-Q") in the construction of an addition to the Abbott Power Plant.

Funds for this are provided in the state capital appropriations to the University for 1961-63 to be available in the proceeds of the Universities Building Fund and are subject to release by the Governor.

I recommend authorization of this contract, subject to availability of funds.

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

ADDITION TO CONTRACT FOR CONSTRUCTION OF ASSEMBLY HALL

(13) The Vice-President and Comptroller and the Director of the Physical Plant
recommend an increase of $12,635.41 in the contract with Felmley-Dickerson Company for construction of the Assembly Hall to provide for enlargement and improvement of the projection booth, on the basis of further study of most effective use of the facilities.

I concur.

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

AGREEMENT WITH STATE OF ILLINOIS DIVISION OF HIGHWAYS
(14) On July 25, 1961, the Executive Committee of the Board of Trustees authorized award of a contract, subject to release of funds, for the construction of the southwest campus storm sewer. The State of Illinois Department of Public Works and Buildings, Division of Highways, has requested permission to use this sewer for drainage of its Florida Avenue subway under the Illinois Central Railroad. The southwest campus storm sewer is designed to carry this added load. It will be advantageous to the University to permit the Department of Public Works and Buildings to make this connection as the major portion, if not all, of the open ditch from the pumping station to the culvert under the Illinois Central Railroad right-of-way can be eliminated and filled in; and the site of the pumping station conveyed to the state of Illinois by the University under a "Grant of Right-of-Way Easement" dated December 1, 1958, will be abandoned for highway purposes and revert to the University under the terms of the easement.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an agreement with the Illinois Department of Public Works and Buildings according to the following conditions:

The University will provide a 24-inch stub connection in the manhole structure on the southwest campus storm sewer adjacent to the pumping station site. The state will prepare plans and specifications and shall assume all cost for construction, cleaning and maintenance of a 24-inch storm sewer from the inlet manhole at the Florida Avenue subway to the manhole structure referred to above.

The University grants to the state during the terms of the agreement the right and easement to construct, clean, and maintain said 24-inch storm sewer upon a strip of University property ten feet in width centered upon the line of said storm sewer between the inlet manhole at Florida Avenue subway and the manhole structure.

Upon completion of construction of the Southwest Campus Storm Sewer and the 24-inch outlet connection from the Florida Avenue subway, the state will remove its pumping equipment from the pumping station and notify the University that it no longer uses that portion of the premises for a public roadway and, as a consequence, under the terms of the grant, the land, including the building, will revert to the University.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute an agreement with the State of Illinois Department of Public Works, Division of Highways, as stipulated above.

On motion of Mr. Clement, this agreement was authorized without a dissenting vote.

RELEASE FOR EASEMENT FOR AIRPORT DRAINAGE
(15) The University has an easement which was granted by Samuel R. Somers on property located one and one-half miles west of the center of the Airport, for maintenance of a tile which is necessary for drainage at the Airport. A portion of this tile is on land which will be used for the construction of Interstate Route 57. In order for the State Division of Highways to obtain clear title to the land, the University's rights under this easement must be subordinated to the extent necessary to give the Division of Highways control of the surface. In consideration of this release, the State Division of Highways will agree to maintain the tile on its new right-of-way. This is advantageous to the University since it will relieve the University of any possible maintenance costs in this area.

The Director of the Institute of Aviation, the Vice-President and Comptroller, and the Legal Counsel recommend and I concur that the following resolution be adopted:
Resolution

Be It, and It is Hereby Resolved, by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized, empowered and directed, for and on behalf of, and in the name of, this public corporation to prepare, execute, acknowledge and deliver to the State of Illinois, and its Department of Public Works and Buildings, Division of Highways such agreement, grant, and other documents as they, after consultation with and approval by the Legal Counsel, deem necessary and desirable to release to the State of Illinois and its Department of Public Works and Buildings, Division of Highways, its right, title, and interest acquired in, through or by that Grant of Easement dated August 3, 1944, from Samuel R. Somers, Grantor, to the University of Illinois, Grantee, which said easement is recorded in Book 266, page 402, in the Recorder's Office of Champaign County, Illinois, (and which said easement entitles this public corporation to certain rights of drainage and to maintain a tile across the South One Half (S 1/2) of the South-East One-Quarter (SE 1/4) of Section 4, Township 18 North, Range 8 East of the third P.M. in Champaign County, Illinois, to the extent necessary to subordinate this public corporation's rights under said easement to the rights hereunder to be granted to the people of the State of Illinois to construct, reconstruct, operate and maintain a highway designated as Federal Aid Interstate Route 57 across said property at the following location:

That part of the S 1/2 of the SE 1/4 of Section 4, T. 18 N., R. 8 E., of the 3rd P.M., Champaign County, Illinois, that lies between a line parallel to and 125 feet Westerly of, and a line parallel to and 135 feet Easterly of, the surveyed centerline of proposed Federal Aid Interstate Route 57 as recorded in Book M, page 131 of the records in the Recorder's Office in Champaign County, Illinois, extending from the South line of the above described property at Station 189+75.52 Northerly along said centerline to the North line of the above described property at Station 203+20.46.

All distances between parallel lines are measured normal to the said centerline. The said tract of land contains 8.03 Acres, more or less, situated in Champaign County, Illinois;

to insure adequate and sufficient lateral and vertical support thereof, and to enable the State to control access thereto; on condition that the State of Illinois, through its Department of Public Works and Buildings, and Division of Highways will maintain and keep in good repair said public corporation's tile drainage system within the limits of that area wherein the State of Illinois, through its Department of Public Works and Buildings, and Division of Highways acquires rights hereunder to the control of the surface.

On motion of Mr. Johnston, the foregoing resolution was adopted without a dissenting vote.

SALE OF SECURITIES

(16) The investment counsel for the University's pooled endowment funds recommends the sale of certain stocks held as assets of that fund. The Finance Committee has studied the recommendation and concurs in it.

To carry out this sale, the Board of Trustees is requested to approve the following resolution:

Resolution

WHEREAS, The Board of Trustees of the University of Illinois is the owner of 500 shares of Abbott Laboratories, 624 shares of Continental Insurance, and 10 shares of Standard Oil Company of New Jersey common stocks, and

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

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

On motion of Mr. Swain, the foregoing resolution was adopted.
NATIONAL SCIENCE FOUNDATION GRANTS

(17) The National Science Foundation has made the following grants to the University for capital improvements:

- Construction of a research facility for the School of Life Sciences: $170,000
- Construction of additional laboratory facilities for research in gaseous electronics: $60,000

The Board of Trustees has approved assignments of matching University funds for these projects to comply with the grant requirements and has authorized the awards of construction contracts.

This report was received for record.

PURCHASES

Purchases Authorized

(18) 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.

### Urbana-Champaign Departments

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.24 tons diammonium phosphate fertilizer and 23.75 tons ammonium phosphate nitrate fertilizer for ten Allerton Trust Farms</td>
<td>Agricultural Economics</td>
<td>Tennessee Valley Authority, Knoxville, Tenn.</td>
<td>$2,711.26</td>
</tr>
<tr>
<td>Furnish and erect two silos, one 14 ft. by 40 ft. and one 16 ft. by 40 ft., at the Lincoln Avenue Dairy Barns, and the removal of two old existing silos; the new silos are to be erected on the existing foundations</td>
<td>Dairy Science</td>
<td>El Paso, Tex.</td>
<td>$0,500.00</td>
</tr>
<tr>
<td>64 gymnasium basket racks 1,344 baskets with pilfer guard for above racks</td>
<td>Physical Plant</td>
<td>Lyon Metal Products, Inc., Aurora</td>
<td>$3,042.74</td>
</tr>
</tbody>
</table>

These items are to be installed in women's locker rooms in the English Building and in the Women's Gymnasium.

The following purchases were approved by the Executive Vice-President and Provost, acting for the President, pursuant to authorization by the Board of Trustees to act on the recommendations for purchases under International Cooperation Administration Contracts. The purchases will be from funds supplied by the International Cooperation Administration under its contract with the University for educational services to institutions of higher education in India.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One lot medical laboratory equipment and supplies</td>
<td>International Cooperation Administration Contracts</td>
<td>American Hospital Supply Corp., Flushing, N.Y.</td>
<td>$10,136.00</td>
</tr>
<tr>
<td>One lot laboratory equipment</td>
<td>International Cooperation Administration Contracts</td>
<td>Fisher Scientific Co., New York, N.Y.</td>
<td>$3,183.00</td>
</tr>
</tbody>
</table>

On motion of Mr. Harewood, 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 the lowest acceptable bid.

I concur.

### Chicago Colleges and Divisions

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One low background automatic scanner for recording radioactivity</td>
<td>Biological Chemistry</td>
<td>Vanguard Instrument Co., LaGrange, Ill.</td>
<td>$2,600.00</td>
</tr>
<tr>
<td>One automatic superspeed refrigerated centrifuge</td>
<td>Biological Chemistry</td>
<td>Ivan Sorvall, Inc., Norwalk, Conn.</td>
<td>$3,398.00</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
<td>------</td>
<td>------------</td>
<td>--------</td>
<td>------</td>
</tr>
<tr>
<td>One infrared spectrophotometer and attachments</td>
<td>Biological Chemistry</td>
<td>The Perkin-Elmer Corp., LaGrange</td>
<td>$4,195.00</td>
</tr>
<tr>
<td>One X-ray projector with projection head</td>
<td>Orthopaedic Surgery</td>
<td>Gordon Consultants, Chicago</td>
<td>3,050.00</td>
</tr>
<tr>
<td>One high-speed refrigerated centrifuge and accessories, 102 bags cork, 52 packages filter paper, 36 rolls paraffin, 6 dozen compressors, 144 tubes stopcock lubricant, 12 dozen beakers, 48 connecting tubes, 96 sponges, 300 gross microscope slides, 2 dozen pinch cocks, 412 plastic bottles, 1000 feet plastic tubing</td>
<td>Pediatrics</td>
<td>Scientific Products, Evanston</td>
<td>3,727.54</td>
</tr>
<tr>
<td>Three-year comprehensive elevator liability insurance on 11 freight and 25 passenger elevators located in the Chicago Illini Union, Dentistry-Medicine-Pharmacy Building, East Dentistry-Medicine-Pharmacy Building, Research and Educational Hospitals, Illinois Neuropsychiatric Institute, Residence Hall for Men, Medical Research Laboratory, and Laundry Building at the Chicago Professional Colleges, with limits of $300,000,000 bodily injury and $25,000 property damage</td>
<td>Physical Plant</td>
<td>Roby Insurance Co., Decatur, representing Zurich Insurance Co.</td>
<td>6,293.12</td>
</tr>
</tbody>
</table>

793 cases paper containers and paper specialties to be ordered as needed from October 1, 1961, through September 30, 1962

**Urbana-Champaign Departments**

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One laboratory electromagnet, four-inch, with one pair of Henry design constant H dh/dx pole caps</td>
<td>Chemistry and Chemical Engineering</td>
<td>Varian Associates, Palo Alto, Calif.</td>
<td>$3,305.00</td>
</tr>
<tr>
<td>One spectrophotometer consisting of a monochromator, lamp housing, power supply, sample changer, and hydrogen bulb</td>
<td>Chemistry and Chemical Engineering</td>
<td>W. H. Kessel &amp; Co., Chicago</td>
<td>5,291.65</td>
</tr>
<tr>
<td>Laboratory chemicals to be used as stock in General Chemical Stores for the first semester, 1961-62</td>
<td>General Chemical Stores</td>
<td>Mallinckrodt Chemical Works, St. Louis, Mo.</td>
<td>6,267.41</td>
</tr>
<tr>
<td>Two paper tape readers 1000 characters per second, to read 5, 6, 7, or 8-hole punched paper tape; tape widths 1/8 in., 3/16 in., and 1 in.; stop time 0.5 milliseconds; tape can be stopped on any selected character throughout the full speed range</td>
<td>Coordinated Science Laboratory</td>
<td>GENESYS, Los Angeles, Calif.</td>
<td>(17,528.01)</td>
</tr>
<tr>
<td>5,000 type 2N711 transistors</td>
<td>Coordinated Science Laboratory</td>
<td>Sylvania Electric Products, Inc., Melrose Park</td>
<td>8,000.00</td>
</tr>
<tr>
<td>One optical measuring tool, inclinable 90° optical rotary (360°) table, 12 in., 2 optical scales for direct reading to one second of arc</td>
<td>Coordinated Science Laboratory</td>
<td>Scherr-Tumico Chicago Co., Chicago</td>
<td>6,602.50</td>
</tr>
<tr>
<td>One electronic induction heater, high frequency, 208 V, 3 phase, 60 cycle input, 30 kW, output, RF transformer, continuously adjustable control of output power from about 15 per cent to 100 per cent automatic recirculating water heat exchanger, and filament regulation to plus or minus 1 per cent for 10 per cent line variation</td>
<td>Coordinated Science Laboratory</td>
<td>Induction Heating Corp., Brooklyn, N.Y.</td>
<td>10,950.00</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>--------------------------------------</td>
<td>---------------------------------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>One spark-erosion type universal machine tool equipped with electrode vibrator device, micrometer and limit switch, dielectric tank, work lamp, and 1.5 kw. generator</td>
<td>Coordinated Science Laboratory</td>
<td>Carl Hirschmann Co., Inc., Chicago</td>
<td>$10,741.70</td>
</tr>
<tr>
<td>One illuminated microscope. 30 times magnification Pump and filter unit Seven-spring collets One work bench One ultramicrometer to cut sections 100 angstrom units thick or less to cut serial sections, with thermal advance of block and retractable knife holder; illumination is to be centerable with viewing microscope and will have adjustable cutting speeds 2,000 feet electrical power cable, RHW insulation, neoprene outer jacket, 2/0 guage, 3 wire plus ground for Electrical Engineering Research Laboratory for Radio Direction Finder research project for the United States Navy at Monticello Road Field Station Two 1,000 feet lengths matched, unspliced combination cable consisting of six video pairs and 12 pair No. 19 AWG type 19890, cabled, core tape, black high molecular weight polyethylene jacket, GRS heat barrier 8 mil aluminum shielding tape, applied longitudinally, 0.0072-in. steel tape applied longitudinally, black H.M.W. polyethylene jacket Two basic scintillation probes for use in clinical studies using gamma emitting radioactive isotopes and two scalers for use with basic scintillation probes One analytical ultracentrifuge with optical system, refrigeration and vacuum system, and accessory cells One electron beam floating zone apparatus, including installation, and consisting of tungsten emitter; automatic program drive; furnace chamber; high vacuum system; and DC power supply, 5 kv., 500 Ma., with automatic, constant-beam current feed back control One pipe organ, fifteen rank, two manual to be furnished and installed in Room 105 Smith Music Hall, less trade-in allowance on a two-manual pipe organ One electromagnet, 12 in. diameter pole tip with 4 in. air gap; two precision pole caps, 12 in. diameter for 2 in. gap and tapered to 6 in. diameter for 2 in. gap; homogeneity approximately one part in 100,000; 360 degrees rotation; magnet to produce at least 10 kg. in a 4 in. gap with 12 in. diameter poles; high impedance coils capable of dissipating 9 kw. of power One matching 9 kw. power supply One recording oscillograph, 6 channel, 9 speed, instant shift chart drive, consisting of oscillograph, housing, 6 driver amplifiers, 6 oscillographs, 1 signal marker, 1 four-channel selector switch, 2 low-level DC preamplifiers, 4 integrators, 2 tachographs, and 4 amplifiers 5,950 diploma covers, size 11 1/4 in. x 9 1/4 in. book style, blue leather cover, gold imprinted University of Illinois seal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Electron Microscope Laboratory</td>
<td>LKB Instruments, Inc., Washington, D.C.</td>
<td>$4,127.00</td>
</tr>
<tr>
<td></td>
<td>Electrical Engineering</td>
<td>Tepper Electric, Champaign</td>
<td>$2,595.88</td>
</tr>
<tr>
<td></td>
<td>General Engineering</td>
<td>Radiation Instrument Development Labora­ty, Inc., Northblade</td>
<td>$2,690.00</td>
</tr>
<tr>
<td></td>
<td>Microbiology</td>
<td>Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.</td>
<td>$24,981.20</td>
</tr>
<tr>
<td></td>
<td>Mining, Metallurgy, and Petroleum Engineering</td>
<td>Materials Research Corp., Yonkers, N.Y.</td>
<td>$18,500.00</td>
</tr>
<tr>
<td></td>
<td>Music</td>
<td>Wicks Organ Co., Highland</td>
<td>$14,311.44</td>
</tr>
<tr>
<td></td>
<td>Physics</td>
<td>Pacific Electric Motor Co., Oakland, Calif.</td>
<td>$10,900.00</td>
</tr>
<tr>
<td></td>
<td>Psychology</td>
<td>Grass Instrument Co., Quincy, Mass.</td>
<td>$4,975.00</td>
</tr>
<tr>
<td></td>
<td>Admissions and Records</td>
<td>The Welch Scientific Co., Chicago</td>
<td>$9,817.50</td>
</tr>
</tbody>
</table>
One electronic organ, two-manual, with full 32-note pedalboard, with each note capable of being tuned individually.

16,000 copies, Unit 5, *High School Mathematics, Students' Edition*, printed and bound, trimmed size 8½ in. x 11 in., 300 pages per copy

16,000 copies, Unit 6, *High School Mathematics, Students' Edition*, printed and bound, 8½ in. x 11 in. trimmed size, 458 pages per copy

Paper cups, paper containers, and napkins; approximately one-year's supply

192 reams cover paper, No. 4 sulphite, 65 lb., antique finish, as follows:
- 12 reams 23 in. x 35 in. gray
- 12 reams 20 in. x 26 in. gray
- 2 reams 20 in. x 26 in. orange
- 6 reams 30 in. x 26 in. scarlet
- 50 reams 20 in. x 26 in. fern green
- 50 reams 20 in. x 26 in. sky blue
- 60 reams 20 in. x 26 in. white

(Estimated six-month supply)

12,500 reams mimeograph paper, 16 lb., 8½ in. x 11 in., assorted colors (estimated six-month supply)

One darkroom all-metal camera with 17 in. lens (without fluorescent lights) and including 30 in. x 40 in. copy board, motorized vertical and horizontal lens movement, horizontal loading of vacuum back, one pair pulsed xenon arc lamp assembly with camera mounting brackets, and vacuum motor foot switch

Furnish steel laboratory furniture for the Bioacoustics Laboratory in the Electrical Engineering Annex

Steel laboratory furniture to be installed in Room 404 Natural History Building

One industrial tractor, 62.5 HP, complete with enclosed cab, beater, and one-half cubic yard bucket loader; less trade-in allowance for a 1951 Ford tractor

70,000 gallons (approximately) Standard Commercial No. 5 fuel oil to be furnished as required for Terminal Building, University of Illinois Airport, Savoy, Illinois, during the period October 1, 1961, to June 30, 1963

One van truck, one-half ton, compact size, 6 cylinder

One suburban carryall, V-8

One special van truck, one ton standard size, V-8

On motion of Mr. Harewood, these purchases were authorized.
# COMPRTOLLER'S REPORT OF CONTRACTS

(19) The Comptroller's report of contracts executed during the period July 16 to August 31, 1961.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Iron &amp; Steel Institute</td>
<td>Behavior of high strength steel in columns</td>
<td>$13,000.00</td>
<td>June 6, 1961</td>
</tr>
<tr>
<td>American Oil Co.</td>
<td>Accelerated drying of farm grains</td>
<td>$22,500.00</td>
<td>June 30, 1961</td>
</tr>
<tr>
<td>American Steel &amp; Wire Division</td>
<td>Behavior of deformed wire fabric in concrete</td>
<td>$6,800.00</td>
<td>June 7, 1961</td>
</tr>
<tr>
<td>Burrell Construction &amp; Supply Co.</td>
<td>Lime-pozzolan mixtures and lime stabilization of soils; with Department of Civil Engineering</td>
<td>$1,000.00</td>
<td>July 20, 1961</td>
</tr>
<tr>
<td>The Connecticut Light &amp; Power Co.</td>
<td>Lime-pozzolan mixtures and lime stabilization of soils; with Department of Civil Engineering</td>
<td>$2,000.00</td>
<td>July 27, 1961</td>
</tr>
<tr>
<td>G. &amp; W. H. Corson, Inc.</td>
<td>Lime-pozzolan mixtures and lime stabilization of soils; with Department of Civil Engineering</td>
<td>$3,125.00</td>
<td>August 25, 1961</td>
</tr>
<tr>
<td>National Lime Association</td>
<td>Lime-pozzolan mixtures and lime stabilization of soils; with Department of Civil Engineering</td>
<td>$7,500.00</td>
<td>July 14, 1961</td>
</tr>
<tr>
<td>Philadelphia Electric Co.</td>
<td>Lime-pozzolan mixtures and lime stabilization of soils; with Department of Civil Engineering</td>
<td>$2,000.00</td>
<td>July 20, 1961</td>
</tr>
<tr>
<td>International Cooperation Administration ICAC-1943</td>
<td>Advice and assistance for the organization of medical education programs of the Chiangmai faculty of medicine, Thailand</td>
<td>$23,372.00</td>
<td>July 7, 1961</td>
</tr>
<tr>
<td>National Lime Association</td>
<td>Reactions in clay mineral and other mineral components of soils when treated with lime for purpose of stabilization; with Department of Geology</td>
<td>$5,625.00</td>
<td>August 3, 1961</td>
</tr>
<tr>
<td>Rohm &amp; Haas Co. (under its prime contract with United States Army)</td>
<td>Stress problems for solid propellant rockets</td>
<td>$16,874.98</td>
<td>June 16, 1961</td>
</tr>
<tr>
<td>United States Air Force AF-AFOSR-61-122</td>
<td>Basic research in materials sciences</td>
<td>$95,000.00</td>
<td>June 30, 1961</td>
</tr>
<tr>
<td>United States Air Force AF 29 (601) 4578</td>
<td>Investigation of continuous and/or restrained reinforced concrete, deep, structural members</td>
<td>$40,000.00</td>
<td>September 1, 1961</td>
</tr>
<tr>
<td>United States Air Force AF 33 (608) 674</td>
<td>Instruction for not more than 175 students</td>
<td>$160,000.00</td>
<td>July 12, 1961</td>
</tr>
<tr>
<td>United States Air Force AF 49 (638) 1048</td>
<td>Theory of superconductivity and related problems of the solid state</td>
<td>$156,813.00</td>
<td>June 26, 1961</td>
</tr>
<tr>
<td>United States Air Force AF 49 (638) 1095</td>
<td>Angular distribution in effusion</td>
<td>$24,897.00</td>
<td>June 30, 1961</td>
</tr>
<tr>
<td>United States Army DA-ARO (D) 31-124-G137</td>
<td>Nucleophilic attack of aromatic rings by organometallic compounds</td>
<td>$3,365.25</td>
<td>September 1, 1961</td>
</tr>
<tr>
<td>United States Army DA-ARO (D) 31-124-G148</td>
<td>Residual stresses and heterogeneous yielding on brittle fracture</td>
<td>$43,950.00</td>
<td>June 26, 1961</td>
</tr>
<tr>
<td>United States Army DA-ARO (D) 31-124-G155</td>
<td>Stabilization effects in binary and ternary alloy systems of the transition elements</td>
<td>$51,066.00</td>
<td>June 26, 1961</td>
</tr>
<tr>
<td>United States Army DA-SIG-36-039-61-G13</td>
<td>Exploratory research in interdisciplinary science</td>
<td>$990,000.00</td>
<td>June 29, 1961</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1) 1063</td>
<td>Study of fall-out and mineral metabolism, human physiology, animal physiology, genetics, and nutrition utilizing a scintillation counter capable of counting animals as large as mature bovine and as small as laboratory animals</td>
<td>$50,000.00</td>
<td>June 15, 1961</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1) 1069</td>
<td>Motion of gas and vapor bubbles in liquids</td>
<td>$26,749.00</td>
<td>June 15, 1961</td>
</tr>
<tr>
<td>United States Navy N 228-54354</td>
<td>Instruction of officer students</td>
<td>$4,200.00</td>
<td>July 27, 1961</td>
</tr>
<tr>
<td>United States Navy N 600 (22) 37197</td>
<td>Educational instruction for reserve officers</td>
<td>$41,000.00</td>
<td>July 20, 1961</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>$1,790,837.23</strong></td>
<td></td>
</tr>
</tbody>
</table>
Purchase

$ 50,000 U. S. Treasury notes 3\% 8/15/62 $ 50,109.38
35,000 U. S. Treasury notes 3\% 2/15/62 35,098.44


Purchase

$ 49,000 U. S. Treasury bills 9/21/61 $ 48,665.58
14,000 U. S. Treasury notes 3\% 2/15/62 14,048.13
23,000 U. S. Treasury notes 3\% 8/15/62 23,050.31

CHICAGO

Sinking Funds

Dentistry-Medicine-Pharmacy Building Revenue Bonds as authorized by Board of Trustees resolution dated December 16, 1953.

Purchase

$ 2,500 U. S. Treasury bonds 2\% 2/15/65 $ 2,412.50

This report was received for record, and the actions of the Finance Committee were confirmed.

EMPLOYMENT OF ARCHITECTS AND ENGINEERS
FOR CHICAGO CAMPUS BUILDINGS

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of the following architectural and engineering firms for the designs of buildings and other facilities for the new University of Illinois campus in Chicago:

Skidmore, Owings, and Merrill, Chicago — Complete architectural services for the Lecture Center and overhead walkway; Academic Staff and Administrative Office Building; Library; Engineering Science Laboratory Building; classroom units.
Fee to be five and one-half per cent of the construction contract costs.

Naess and Murphy, Chicago — Complete architectural services on the Union, Recreation, and Theatre Center Building.
Fee to be five and one-half per cent of the construction contract costs.

A. Epstein and Sons, Inc. Chicago — Complete architectural and engineering services on the Service Buildings.
Fee to be five and one-half per cent of the construction contract costs.

Sargent and Lundy, Chicago — Complete engineering services on the design of a year-round heating and air-conditioning plant and distribution system.
Fee to be the standard prevailing professional charges for such engineering services.

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

I recommend that contracts commissioning these firms for the services and on the general terms indicated be authorized.

On motion of Mr. Pogue, these contracts were authorized as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CAPITAL APPROPRIATIONS FOR 1961-63

(23) The Seventy-second General Assembly appropriated the amounts shown in the schedule below for land, buildings, and other capital improvements at the University of Illinois for the biennium 1961-63. All appropriations are from the Universities Building Fund. The schedule also shows the amounts already released by the Governor to date.
I recommend that the Board appropriate the $98,500,000 for the purposes indicated as the funds become available.
# Contract Changes

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial Solvents Corp.</td>
<td>Vitamins and growth factors in swine nutrition</td>
<td>$3,000</td>
<td>August 7, 1961</td>
</tr>
<tr>
<td>Griffin Wheel Co.</td>
<td>Improvement of cast steel railway car wheels</td>
<td>15,500</td>
<td>July 3, 1961</td>
</tr>
<tr>
<td>Institute of Boiler and Radiator Manufacturers &amp; Chemical Corp.</td>
<td>Performance of steam and hot water heating systems and related equipment</td>
<td>39,600</td>
<td>August 3, 1961</td>
</tr>
<tr>
<td>International Minerals &amp; Chemical Corp.</td>
<td>Factors influencing the decomposition of rock phosphate in soils</td>
<td>2,000</td>
<td>March 1, 1961</td>
</tr>
<tr>
<td>State of Illinois Department of Public Safety</td>
<td>Various types of films as retardants to deterioration of meat and meat products</td>
<td>150,000</td>
<td>July 17, 1961</td>
</tr>
<tr>
<td>State of Illinois Department of Public Welfare Project No. 1707</td>
<td>Tissue culture of neurons</td>
<td>46,170</td>
<td>July 1, 1961</td>
</tr>
<tr>
<td>State of Illinois Department of Public Welfare Project No. 1723</td>
<td>Psychosomatic differentiation in infancy</td>
<td>48,894</td>
<td>July 1, 1961</td>
</tr>
<tr>
<td>State of Illinois Department of Public Welfare Project No. 1747</td>
<td>Relation of neural metabolism to function</td>
<td>20,198</td>
<td>July 1, 1961</td>
</tr>
<tr>
<td>Tee-Pak Foundation</td>
<td>Various types of films as retardants to deterioration of meat and meat products</td>
<td>3,500</td>
<td>June 1, 1961</td>
</tr>
<tr>
<td>United States Air Force AF 29 (601) 2390</td>
<td>Confidential</td>
<td>10,000</td>
<td>June 27, 1961</td>
</tr>
<tr>
<td>United States Air Force AF 29 (601) 2876</td>
<td>Effects of dynamic loads on soils and buried structures</td>
<td>15,000</td>
<td>June 30, 1961</td>
</tr>
<tr>
<td>United States Air Force AF 33 (616) 6079</td>
<td>Antenna research</td>
<td>44,249</td>
<td>June 26, 1961</td>
</tr>
<tr>
<td>United States Army DA-11-022-ORD-3488</td>
<td>Problem areas in the field of structural mechanics, aerodynamics, and flight mechanics incident to the design and analysis of weapons systems</td>
<td>18,000</td>
<td>June 29, 1961</td>
</tr>
<tr>
<td>United States Army DA-11-022-ORD-3505</td>
<td>Artillery carriage dynamics study</td>
<td>41,519</td>
<td>June 29, 1961</td>
</tr>
<tr>
<td>United States Army DA-18-064-404-CML 426</td>
<td>Synthesis of fluorine compounds</td>
<td>18,000</td>
<td>July 28, 1961</td>
</tr>
<tr>
<td>United States Army DA-19-129 QM 1332</td>
<td>Development of techniques for the objective description of freeze-dehydrated cooked beef</td>
<td>2,989</td>
<td>July 26, 1961</td>
</tr>
<tr>
<td>United States Army DA 22 079-eng-240</td>
<td>Analytical study of dynamic bearing capacity of soils</td>
<td>1,000</td>
<td>June 22, 1961</td>
</tr>
<tr>
<td>United States Army DA 49-193-MD-2060</td>
<td>Interpersonal and psychological adjustment of group members</td>
<td>23,114</td>
<td>July 13, 1961</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1) 67 Project No. 3</td>
<td>Mechanism of substitutional diffusion in metals</td>
<td>10,500</td>
<td>June 29, 1961</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1) 182</td>
<td>Determine the nature and number of lattice imperfections introduced into crystalline solids by nuclear irradiation at liquid helium temperature</td>
<td>301,878</td>
<td>June 26, 1961</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1) 182</td>
<td>Determine the nature and number of lattice imperfections introduced into crystalline solids by nuclear irradiation at liquid helium temperature</td>
<td>53,360</td>
<td>June 29, 1961</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1) 216</td>
<td>Properties and behavior of aerosol particles and systems</td>
<td>3,540</td>
<td>June 29, 1961</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1) 392</td>
<td>Obtaining one millimeter source of C.W. microwaves and associated components</td>
<td>27,280</td>
<td>June 29, 1961</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1) 415</td>
<td>Unclassified research on electronic high-speed digital computers</td>
<td>77,250</td>
<td>June 29, 1961</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1) 691</td>
<td>Radiation chemistry and chemical kinetics</td>
<td>2,439</td>
<td>June 29, 1961</td>
</tr>
</tbody>
</table>
QUARTERLY REPORT OF THE COMPTROLLER

The Comptroller presents his quarterly report to the Board as of June 30, 1961.

(20) 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

(21) Mr. Swain, for the Finance Committee, reported the following changes in investments of trust funds from April 1 through June 30, 1961:

**Urbana-Champaign Endowment Funds**

<table>
<thead>
<tr>
<th>Fund Type</th>
<th>Purchase</th>
<th>Exchange</th>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Funds</td>
<td>$ 500 000</td>
<td>$ 500 000</td>
<td>U. S. Treasury notes 4%</td>
<td>5/15/62</td>
</tr>
<tr>
<td></td>
<td>500 000</td>
<td>500 000</td>
<td>U. S. Treasury bills 6/23/61</td>
<td>498 992 50</td>
</tr>
<tr>
<td></td>
<td>500 000</td>
<td>500 000</td>
<td>U. S. Treasury bills 12/28/61</td>
<td>494 157 78</td>
</tr>
<tr>
<td></td>
<td>1 000 000</td>
<td>1 000 000</td>
<td>U. S. Treasury bonds 2½%</td>
<td>6/15/62</td>
</tr>
<tr>
<td></td>
<td>500 000</td>
<td>500 000</td>
<td>U. S. Treasury bonds 2½%</td>
<td>11/15/61</td>
</tr>
<tr>
<td></td>
<td>$ 500 000</td>
<td>$ 500 000</td>
<td>U. S. Treasury certificates 4½%</td>
<td>5/15/61 for</td>
</tr>
<tr>
<td></td>
<td>500 000</td>
<td>500 000</td>
<td>U. S. Treasury certificates 3%</td>
<td>5/15/62</td>
</tr>
<tr>
<td></td>
<td>1 000 000</td>
<td>1 000 000</td>
<td>U. S. Treasury certificates 4½%</td>
<td>5/15/61 for</td>
</tr>
<tr>
<td></td>
<td>1 000 000</td>
<td>1 000 000</td>
<td>U. S. Treasury certificates 3%</td>
<td>5/15/62</td>
</tr>
</tbody>
</table>

**Chicago Dentistry-Medicine-Pharmacy Investments**

<table>
<thead>
<tr>
<th>Purchase</th>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>U. S. Treasury bills 8/31/61</td>
<td>$ 124 230 00</td>
<td></td>
</tr>
</tbody>
</table>
**Laundry Operations**

<table>
<thead>
<tr>
<th>Purchase</th>
<th>$</th>
<th>Description</th>
<th>Date</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 000</td>
<td>U. S. Treasury bills</td>
<td>8/10/61</td>
<td>14 918.25</td>
<td></td>
</tr>
<tr>
<td>15 000</td>
<td>U. S. Treasury bills</td>
<td>9/21/61</td>
<td>14 912.85</td>
<td></td>
</tr>
</tbody>
</table>

**Beneficial Interest in Trust — City of Chicago Escrow Account**

<table>
<thead>
<tr>
<th>Purchase</th>
<th>$</th>
<th>Description</th>
<th>Date</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>59 000</td>
<td>U. S. Treasury notes</td>
<td>3 1/2% 5/15/63</td>
<td>59 000.00</td>
<td></td>
</tr>
</tbody>
</table>

**Report of the Comptroller**

The Comptroller reports the following changes in unexpended plant investments, over which he has authority as shown.

**Urbana-Champaign**

**Construction Funds**

Pennsylvania Avenue Construction Fund as authorized under Board of Trustees resolution dated June 21, 1961.

<table>
<thead>
<tr>
<th>Purchase</th>
<th>$</th>
<th>Description</th>
<th>Date</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>235 000</td>
<td>U. S. Treasury bills</td>
<td>7/15/61</td>
<td>234 801.23</td>
<td></td>
</tr>
<tr>
<td>200 000</td>
<td>U. S. Treasury bills</td>
<td>7/20/61</td>
<td>199 778.89</td>
<td></td>
</tr>
<tr>
<td>345 000</td>
<td>U. S. Treasury bills</td>
<td>8/17/61</td>
<td>343 992.60</td>
<td></td>
</tr>
<tr>
<td>320 000</td>
<td>U. S. Treasury bills</td>
<td>9/16/61</td>
<td>317 801.00</td>
<td></td>
</tr>
<tr>
<td>340 000</td>
<td>U. S. Treasury bills</td>
<td>10/14/61</td>
<td>336 230.44</td>
<td></td>
</tr>
<tr>
<td>370 000</td>
<td>U. S. Treasury bills</td>
<td>11/15/61</td>
<td>364 886.81</td>
<td></td>
</tr>
<tr>
<td>370 000</td>
<td>U. S. Treasury bills</td>
<td>11/15/62</td>
<td>370 115.63</td>
<td></td>
</tr>
<tr>
<td>345 000</td>
<td>U. S. Treasury bonds</td>
<td>2 1/2% 9/15/61</td>
<td>345 431.25</td>
<td></td>
</tr>
<tr>
<td>370 000</td>
<td>U. S. Treasury bonds</td>
<td>2 1/2% 11/15/61</td>
<td>370 115.63</td>
<td></td>
</tr>
<tr>
<td>380 000</td>
<td>U. S. Treasury notes</td>
<td>3 1/2% 2/15/62</td>
<td>381 128.13</td>
<td></td>
</tr>
<tr>
<td>260 000</td>
<td>U. S. Treasury notes</td>
<td>4% 5/15/62</td>
<td>262 315.63</td>
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</tr>
<tr>
<td>1 305 000</td>
<td>U. S. Treasury notes</td>
<td>3 1/2% 8/15/62</td>
<td>1 307 650.78</td>
<td></td>
</tr>
<tr>
<td>116 000</td>
<td>U. S. Treasury notes</td>
<td>3 1/2% 11/15/62</td>
<td>117 141.87</td>
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</tr>
<tr>
<td>660 000</td>
<td>U. S. Treasury bonds</td>
<td>2 1/2% 6/15/62</td>
<td>656 390.63</td>
<td></td>
</tr>
</tbody>
</table>

Illini Union and Health Center as authorized under Board of Trustees resolution dated December 21, 1960.

<table>
<thead>
<tr>
<th>Purchase</th>
<th>$</th>
<th>Description</th>
<th>Date</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>43 000</td>
<td>U. S. Treasury bills</td>
<td>10/16/61</td>
<td>42 511.59</td>
<td></td>
</tr>
<tr>
<td>80 000</td>
<td>U. S. Treasury bills</td>
<td>6/23/61</td>
<td>79 731.22</td>
<td></td>
</tr>
<tr>
<td>300 000</td>
<td>U. S. Treasury notes</td>
<td>3 1/2% 2/15/62</td>
<td>302 062.50</td>
<td></td>
</tr>
<tr>
<td>76 000</td>
<td>U. S. Treasury notes</td>
<td>3 1/2% 11/15/62</td>
<td>76 641.25</td>
<td></td>
</tr>
<tr>
<td>153 000</td>
<td>U. S. Treasury notes</td>
<td>3 1/2% 11/15/62</td>
<td>154 290.94</td>
<td></td>
</tr>
</tbody>
</table>

Housing Revenue Bonds of 1960 Series A (Orchard Downs) as authorized by Board of Trustees resolution dated June 14, 1960.

<table>
<thead>
<tr>
<th>Sale</th>
<th>$</th>
<th>Description</th>
<th>Date</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 000</td>
<td>U. S. Treasury bills</td>
<td>6/22/61</td>
<td>19 934.77</td>
<td></td>
</tr>
<tr>
<td>100 000</td>
<td>U. S. Treasury bonds</td>
<td>2 1/2% 9/15/61</td>
<td>100 062.50</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Purchase</th>
<th>$</th>
<th>Description</th>
<th>Date</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>139 000</td>
<td>U. S. Treasury bills</td>
<td>6/23/61</td>
<td>138 434.27</td>
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</tr>
<tr>
<td>60 000</td>
<td>U. S. Treasury bills</td>
<td>6/23/61</td>
<td>59 879.75</td>
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<tr>
<td>260 000</td>
<td>U. S. Treasury bills</td>
<td>7/15/61</td>
<td>259 074.83</td>
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</tr>
<tr>
<td>7 000</td>
<td>U. S. Treasury bills</td>
<td>8/17/61</td>
<td>6 960.70</td>
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<tr>
<td>220 000</td>
<td>U. S. Treasury bills</td>
<td>10/13/61</td>
<td>217 886.84</td>
<td></td>
</tr>
<tr>
<td>110 000</td>
<td>U. S. Treasury bills</td>
<td>7/15/61</td>
<td>109 861.52</td>
<td></td>
</tr>
</tbody>
</table>

Housing Revenue Bonds of 1959 Series C and D (Peabody Drive) as authorized by Board of Trustees resolution dated October 21, 1959.

<table>
<thead>
<tr>
<th>Purchase</th>
<th>$</th>
<th>Description</th>
<th>Date</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>250 000</td>
<td>U. S. Treasury notes</td>
<td>3 1/2% 5/15/61</td>
<td>250 234.38</td>
<td></td>
</tr>
<tr>
<td>130 000</td>
<td>U. S. Treasury bills</td>
<td>7/15/61</td>
<td>129 533.01</td>
<td></td>
</tr>
<tr>
<td>75 000</td>
<td>U. S. Treasury bills</td>
<td>6/15/61</td>
<td>74 897.96</td>
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</tr>
<tr>
<td>27 000</td>
<td>U. S. Treasury bills</td>
<td>7/15/61</td>
<td>26 957.59</td>
<td></td>
</tr>
<tr>
<td>Purchase</td>
<td>Amount</td>
<td>Description</td>
<td>Date</td>
<td>Sale Price</td>
</tr>
<tr>
<td>----------</td>
<td>---------</td>
<td>---------------------------------------</td>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>$82,000</td>
<td>U.S. Treasury bills $5/18/61</td>
<td>$81,873</td>
<td></td>
<td></td>
</tr>
<tr>
<td>108,000</td>
<td>U.S. Treasury bills $10/16/61</td>
<td>106,658</td>
<td></td>
<td></td>
</tr>
<tr>
<td>300,000</td>
<td>U.S. Treasury certificates 3% $5/15/62</td>
<td>300,656</td>
<td></td>
<td></td>
</tr>
<tr>
<td>500,000</td>
<td>U.S. Treasury bonds $2 1/8% $11/15/62</td>
<td>500,078</td>
<td></td>
<td></td>
</tr>
<tr>
<td>600,000</td>
<td>U.S. Treasury bonds $2 1/4% $6/15/62</td>
<td>597,375</td>
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<tr>
<td>260,000</td>
<td>U.S. Treasury bills $4/15/62</td>
<td>253,650</td>
<td></td>
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<td>280,000</td>
<td>U.S. Treasury bills $1/15/62</td>
<td>275,293</td>
<td></td>
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<tr>
<td>600,000</td>
<td>U.S. Treasury notes $3 1/4% $8/15/62</td>
<td>603,187</td>
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<td></td>
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<tr>
<td>400,000</td>
<td>U.S. Treasury notes $3 1/4% $2/15/62</td>
<td>401,625</td>
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<tr>
<td>170,000</td>
<td>U.S. Treasury bills $12/21/61</td>
<td>167,880</td>
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<td>Housing Revenue Bonds of 1959 Construction Fund B (Graduate Housing) as authorized by Board of Trustees resolution dated June 23, 1959.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Purchase</td>
<td>$9,000</td>
<td>U.S. Treasury bills $5/11/61</td>
<td>$8,994</td>
<td></td>
</tr>
<tr>
<td>9,000</td>
<td>U.S. Treasury bills $6/15/61</td>
<td>8,986</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10,000</td>
<td>U.S. Treasury bills $7/20/61</td>
<td>9,980</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Housing Revenue Bonds of 1958 as authorized under Board of Trustees resolutions dated December 17, 1958, and March 12, 1959.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Purchase</td>
<td>$36,000</td>
<td>U.S. Treasury bills $5/25/61</td>
<td>$35,955</td>
<td></td>
</tr>
<tr>
<td>39,000</td>
<td>U.S. Treasury bills $6/29/61</td>
<td>38,918</td>
<td></td>
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<tr>
<td>39,000</td>
<td>U.S. Treasury bills $7/27/61</td>
<td>38,937</td>
<td></td>
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<tr>
<td></td>
<td>Sinking Funds</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Purchase</td>
<td>$100,000</td>
<td>U.S. Treasury bills $9/21/61</td>
<td>$99,483</td>
<td></td>
</tr>
<tr>
<td>100,000</td>
<td>U.S. Treasury notes 3 1/4% $2/15/62</td>
<td>100,250</td>
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<tr>
<td>101,000</td>
<td>U.S. Treasury notes 3 1/4% $8/15/62</td>
<td>101,189</td>
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<tr>
<td></td>
<td>Housing Revenue Bonds of 1960 Series A (Orchard Downs) as authorized by Board of Trustees resolution dated June 14, 1960.</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Purchase</td>
<td>$106,000</td>
<td>U.S. Treasury bills $9/21/61</td>
<td>$105,236</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Housing Revenue Bonds of 1959 Series C and D (Peabody Drive) as authorized by Board of Trustees resolution dated October 21, 1959.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Purchase</td>
<td>$20,000</td>
<td>U.S. Treasury bills $9/21/61</td>
<td>$19,856</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Assembly Hall Revenue Bonds as authorized by Board of Trustees resolutions dated June 23, 1959, and July 21, 1959.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Purchase</td>
<td>$6,000</td>
<td>U.S. Treasury bills $9/22/61</td>
<td>$5,929</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Housing Revenue Bonds Sinking Fund as authorized under Board of Trustees resolutions dated December 17, 1958, and June 23, 1959.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Purchase</td>
<td>$32,000</td>
<td>U.S. Treasury bills $9/21/61</td>
<td>$31,600</td>
<td></td>
</tr>
<tr>
<td>2,000</td>
<td>U.S. Treasury bills $9/21/61</td>
<td>1,985</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Men's Residence Halls Revenue Bonds of 1957 as authorized under Board of Trustees resolutions dated March 12, 1957, and November 18, 1959.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sale</td>
<td>$13,000</td>
<td>U.S. Treasury bills $6/23/61</td>
<td>$12,924</td>
<td></td>
</tr>
<tr>
<td>Purchase</td>
<td>$36,000</td>
<td>U.S. Treasury bills $6/23/61</td>
<td>$35,790</td>
<td></td>
</tr>
<tr>
<td>23,000</td>
<td>U.S. Treasury bills $12/21/61</td>
<td>22,708</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Women's Residence Halls Revenue Bonds of 1956 as authorized by Board of Trustees resolution dated September 18, 1956.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Purchase
$ 50,000 U. S. Treasury notes 3 1/2% 8/15/62 $ 50,109.38
35,000 U. S. Treasury notes 3 1/2% 2/15/62 35,098.44


Purchase
$ 49,000 U. S. Treasury bills 9/21/61 $ 48,665.58
14,000 U. S. Treasury notes 3 1/2% 2/15/62 14,048.13
23,000 U. S. Treasury notes 3 1/2% 8/15/62 23,050.31

CHICAGO Sinking Funds
Dentistry-Medicine-Pharmacy Building Revenue Bonds as authorized by Board of Trustees resolution dated December 16, 1953.

Purchase
$ 2,500 U. S. Treasury bonds 2 1/2% 2/15/65 $ 2,412.50

This report was received for record, and the actions of the Finance Committee were confirmed.

EMPLOYMENT OF ARCHITECTS AND ENGINEERS FOR CHICAGO CAMPUS BUILDINGS

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of the following architectural and engineering firms for the designs of buildings and other facilities for the new University of Illinois campus in Chicago:

Skidmore, Owings, and Merrill, Chicago — Complete architectural services for the Lecture Center and overhead walkway; Academic Staff and Administrative Office Building; Library; Engineering Science Laboratory Building; classroom units.

Fee to be five and one-half per cent of the construction contract costs.

Naess and Murphy, Chicago — Complete architectural services on the Union, Recreation, and Theatre Center Building.

Fee to be five and one-half per cent of the construction contract costs.

A. Epstein and Sons, Inc. Chicago — Complete architectural and engineering services on the Service Buildings.

Fee to be five and one-half per cent of the construction contract costs.

Sargent and Lundy, Chicago — Complete engineering services on the design of a year-round heating and air-conditioning plant and distribution system.

Fee to be the standard prevailing professional charges for such engineering services.

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

I recommend that contracts commissioning these firms for the services and on the general terms indicated be authorized.

On motion of Mr. Pogue, these contracts were authorized as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CAPITAL APPROPRIATIONS FOR 1961-63

(23) The Seventy-second General Assembly appropriated the amounts shown in the schedule below for land, buildings, and other capital improvements at the University of Illinois for the biennium 1961-63. All appropriations are from the Universities Building Fund. The schedule also shows the amounts already released by the Governor to date.

I recommend that the Board appropriate the $98,500,000 for the purposes indicated as the funds become available.
<table>
<thead>
<tr>
<th>Purpose</th>
<th>Amount Appropriated</th>
<th>Amount Released</th>
</tr>
</thead>
<tbody>
<tr>
<td>For the Chicago Professional Colleges Campus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medical Sciences Addition</td>
<td>$4,330,000</td>
<td>$196,000</td>
</tr>
<tr>
<td>For the Chicago Undergraduate Division</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Land for permanent site</td>
<td>$4,650,000</td>
<td></td>
</tr>
<tr>
<td>Classroom, office, laboratory, and service buildings</td>
<td>$45,350,000</td>
<td>$2,352,300</td>
</tr>
<tr>
<td>For the Urbana-Champaign Campus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Education Building</td>
<td>$3,630,000</td>
<td>$110,000</td>
</tr>
<tr>
<td>Commerce Building</td>
<td>$3,360,000</td>
<td>$85,000</td>
</tr>
<tr>
<td>Physics Building Addition</td>
<td>$3,350,000</td>
<td>$2,940,000</td>
</tr>
<tr>
<td>Library Addition</td>
<td>$1,500,000</td>
<td>$40,000</td>
</tr>
<tr>
<td>Physical Plant Service Building</td>
<td>$2,490,000</td>
<td>$90,000</td>
</tr>
<tr>
<td>Electrical Engineering Building Addition</td>
<td>$1,370,000</td>
<td></td>
</tr>
<tr>
<td>Plant Sciences Building</td>
<td>$3,880,000</td>
<td>$3,400,000</td>
</tr>
<tr>
<td>Office-Classroom Building</td>
<td>$2,775,000</td>
<td></td>
</tr>
<tr>
<td>University Press Building</td>
<td>$690,000</td>
<td></td>
</tr>
<tr>
<td>Land</td>
<td>$3,400,000</td>
<td>$1,615,000</td>
</tr>
<tr>
<td>For the Urbana-Champaign and the Chicago Professional Campuses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power and Heating Plants and Utilities Distribution</td>
<td>$8,130,000</td>
<td>$5,945,500</td>
</tr>
<tr>
<td>Rehabilitation of existing buildings</td>
<td>$4,850,000</td>
<td>$826,000</td>
</tr>
<tr>
<td>Preliminary studies of future buildings</td>
<td>$1,560,000</td>
<td>$5,000</td>
</tr>
<tr>
<td>Improvements to grounds</td>
<td>$1,985,000</td>
<td>$635,000</td>
</tr>
<tr>
<td>Matching funds to supplement outside grants</td>
<td>$1,200,000</td>
<td>$55,000</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>$98,500,000</strong></td>
<td><strong>$18,274,800</strong></td>
</tr>
</tbody>
</table>

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

**ENROLLMENTS**

Executive Vice-President and Provost Lanier reported on the enrollments in the University for the first semester of 1961-62.

**OCTOBER, NOVEMBER, AND DECEMBER MEETINGS**

President Williamson asked the Board if it desired a change in dates of any of the next three meetings.

It was the consensus that the October meeting should be held on the third Wednesday, October 18, 1961, as provided in the By-Laws of the Board. President Williamson stated that the meeting will be held at the Chicago Professional Colleges.

On motion of Mr. Wilkins, the Board voted to hold the November meeting on Tuesday, November 28, 1961, in Urbana, and the December meeting on Tuesday, December 19, 1961, in Chicago, at hours and places to be determined by the President and Secretary of the Board.

**EXECUTIVE SESSION**

President Williamson announced that an Executive Session had been requested, and was being ordered, to be held immediately after luncheon for consideration of property purchases and personnel matters.

The Board recessed for luncheon.

When the Board reconvened after luncheon, the same members and officers of the University were present as recorded at the beginning of these minutes.
ACQUISITION OF LAND FOR ILLINI UNION PARKING

(1) The Buildings and Grounds Committee has approved in principle a program for expanding the parking facilities for the Illini Union and the University of Illinois Foundation has been requested to acquire the properties at 601, 603, and 605 East Healey Street, Champaign. These properties will provide approximately eighty parking spaces to replace sixty reserved spaces on Burrill Avenue, the remaining spaces will be metered. Parking meters will be installed on 147 spaces on Burrill Avenue to accommodate Illini Union guests.

In addition, the Director of the Physical Plant recommends construction of twenty-two parking spaces between the Illini Union and the Natural History Building from Illini Union funds at an estimated cost of $26,000. These spaces would be used primarily by occupants of Illini Union guest rooms.

The cost of the three properties on Healey Street is $97,500 and the parking lot construction is estimated to cost $48,500. The entire cost of the land and improvements can be repaid by extending the Foundation's present parking lot loan from the First National Bank of Chicago by eighteen months, or to October 15, 1965.

The properties to be purchased by the Foundation are:

- **601 East Healey Street** — a lot 111 feet by 58.1 feet and a one-story frame building with three apartments and a small business building; owners, Oscar D. and Minnie Marie Wilson; price, $36,000.
- **603 East Healey Street** — a lot 58.1 feet by 177 feet and a two-story frame dwelling with three apartments; owner, Mrs. Florence Blakeslee; price, $31,500.
- **605 East Healey Street** — a lot 58.1 feet by 177 feet and a two-story frame dwelling consisting of an apartment and five student rooms; owners, Gilbert and Gladys Mae Lorenz; price, $30,000.

The terms of each purchase are $5,000 at the time of signing the contract and the balance when possession is delivered, not later than October 31, 1961. Taxes will be prorated. All properties are zoned commercially and the prices are in line with appraisals.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that this program be approved and that the University be authorized to lease the additional lots from the University of Illinois Foundation at a rental sufficient to pay the debt service payments on the loan from the First National Bank of Chicago. The lease will provide that the properties will be conveyed to the University when all indebtedness on the parking lots has been paid.

I concur.

On motion of Mr. Pogue, the purchases of these properties on the terms recommended were authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

ACQUISITION OF PROPERTY AT 202 NORTH ROMINE STREET, URBANA

(2) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 202 North Romine Street, Urbana, at a price of $18,862.21 to provide additional space urgently needed to accommodate the increased staff of the Coordinated Science Laboratory.

The property consists of a lot 80 feet by 82 feet and a two-story and basement frame residence, used as a student rooming house, and garage.

The property was on the market at a price of $22,500. Subsequently, it was purchased by two staff members of the University for speculative purposes at a sales price of $18,500. Negotiations were undertaken with the new owners and, as a result, they have agreed to sell the property to the University at their purchase price plus a reimbursement of cost incidental to acquisition of $362.21. These additional costs have been verified by the University. The appraisal made for the University indicates a market value of $21,463. Possession will be delivered not later than September 30, 1961. Taxes will be prorated. Funds for this acquisition will be provided from Coordinated Science Laboratory indirect costs.

I concur.
On motion of Mr. Hughes, the purchase of this property on the terms recommended was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

ACQUISITION OF PROPERTY AT 907 WEST GREEN STREET, URBANA

(3) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 907 West Green Street, Urbana. This property consists of a lot 75 feet wide by 220 feet deep and a two-story and basement frame residence presently used as a student rooming house.

The property is in the area of future campus expansion and will be needed as part of a site for student residence halls. It is now on the market and should be acquired promptly rather than risk its possible acquisition by others for commercial development with the consequent difficulties, as well as an increase in price, which may be encountered if the purchase is deferred.

The asking price is $42,000 which is within the range of appraisals authorized by the Committee on Buildings and Grounds. If purchase is authorized now, possession will be delivered not later than January 15, 1962, and taxes will be prorated.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund.

I concur.

On motion of Mr. Pogue, the purchase of this property at a price not to exceed $42,000 was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

COMPLAINT OF JOHN C. HIRSCHEFELD

The Board took up consideration of the complaint which its members had received, some directly and others through the Secretary of the Board, from Mr. John C. Hirschfeld of Joliet against a member of the University faculty, who is on part-time appointment, making certain allegations of unprofessional conduct by him in his private professional practice off-campus. This complaint was turned over to the dean of the college concerned for investigation.

The complaint was carefully examined by the dean, who submitted a report to the Secretary of the Board, copies of which were sent to all members of the Board in advance of today's meeting.

After due consideration of the complaint and of the report of the dean, it was the unanimous judgment of the ten members of the Board of Trustees present that no action be taken upon this complaint. The complaint, the dean's report, and copies of all correspondence and other documents relating thereto have been filed with the Secretary of the Board.

On motion of Mr. Johnston, the Secretary was instructed to record that the Board has received the complaint and the report and sees no reason for taking any action.

SELECTION OF A MEMBER OF THE BOARD OF HIGHER EDUCATION

The Board of Trustees has previously been informed of the passage by the Seventy-second General Assembly of Illinois of "An Act creating a Board of Higher Education, defining its powers and duties,

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1 A purchase price of $41,000 for the property, and $1,000 for the furniture and other equipment, was subsequently negotiated. — Secretary's Note.
making an appropriation therefor, and repealing an Act herein named." The bill was approved by the Governor on August 22, 1961. Following are abstracts from this law relating to the composition of this Board:

Section 2. There is created a Board of Higher Education to consist of fifteen members as follows: Eight members appointed by the Governor, by and with the advice and consent of the Senate; the respective chairmen of the Board of Trustees of the University of Illinois, the Board of Trustees of Southern Illinois University, and the Teachers' College Board; one member of each of the three foregoing Boards selected by the members thereof; and the Superintendent of Public Instruction . . .

Section 3.—(b) The members of the Board appointed respectively by the Board of Trustees of the University of Illinois, the Board of Trustees of Southern Illinois University, and the Teachers' College Board shall each hold office for two-year terms expiring on January 31 of odd numbered years.

—(c) The members of the Board shall continue to serve after the expiration of their terms until their successors have been appointed . . .

Section 5. The members of the Board shall serve without compensation, but they shall be reimbursed for their actual and necessary traveling and other expenses while engaged in the performance of their duties.

President Williamson stated that undoubtedly the Trustees have been giving careful consideration to this matter during the past several weeks and asked if the Board was ready to select one of its members to serve on the Board of Higher Education.

Mr. Harewood nominated Mr. Johnston.

Mrs. Watkins moved that the nominations be closed and that the Secretary be directed to cast the unanimous ballot of the Board for the selection of Mr. Johnston.

The ballot was so cast, Mr. Johnston being recorded as not voting.

Accordingly, Mr. Johnston was declared the member of The Board of Trustees of the University of Illinois to serve with President Williamson on the State Board of Higher Education.

COMPENSATION OF THE PRESIDENT OF THE UNIVERSITY

At this point, the President of the Board requested all present except the Trustees, the officers of the Board, and the Legal Counsel to leave the room for consideration of the following item of business.

Mr. Johnston called attention to consideration by the Trustees at its August 10, 1961, meeting of the compensation received by the President of the University. The Comptroller submitted information on salaries and other compensation paid to a number of university presidents, and also data on the retirement and other benefits which will be available to President Henry under the provisions of the Act creating the University Retirement System of Illinois.

Following discussion of this matter and of President Henry's contributions to the work of the University, on motion of Mr. Johnston, the Board voted unanimously to authorize the Comptroller to arrange for the purchase, through annual premium payments of $6,000 from indirect cost funds, of a supplemental annuity for President Henry as additional compensation, the effective date of such annuity contract to be determined by the President of the Board in consultation with the Comptroller and the Legal Counsel, but in no event to be later than November 1, 1961.

DEGREES CONFERRED

The Secretary presented for record the following list of degrees conferred at Urbana on August 14, 1961, and at the Chicago Professional
Colleges on the dates indicated, on recommendation of the University Senates and by authority of the Board of Trustees.

**Summary**

Degrees in the Graduate College, conferred at Urbana:

- Master of Arts ....................................................... 114
- Master of Science ................................................... 274
- Master of Music ..................................................... 1
- Master of Education .................................................. 166
- Master of Fine Arts .................................................. 3
- Master of Laws ....................................................... 2
- Master of Architecture ............................................... 9
- Master of Accounting Science ..................................... 6
- Master of Laws ....................................................... 2
- Bachelor of Law ...................................................... 10

**Total, Graduate College** ........................................ (588)

Degrees in Law, conferred at Urbana:

- Bachelor of Laws .................................................... 10

**Total, Degrees Conferred at Urbana** ................................ (895)

Degrees in Medicine, conferred at Chicago:

- Bachelor of Medicine ............................................... 1

**Total, Urbana and Chicago** ........................................ (897)

**GRADUATE COLLEGE**

**Degree of Master of Arts**

- **In Art Education**
  - JAMES ADAM BUCHNESS, B.S., Central Missouri State College, 1960
  - DALE ALAN ROGERS, B.S., Indiana University, 1955

- **In Economics**
  - TAI SAENG SHIN, A.B., Oklahoma City University, 1959

- **In Education**
  - DONALD FITZGERALD, Diploma, Sydney Technical College, 1951
  - MARIANA ISIDRA KEENE, A.B., University of Michigan, 1959
  - ROBERT RICHARD REILLY, B.Mus.Ed., Illinois Wesleyan University, 1957
  - BARTOLO JOHN SPANO, A.B., Maryknoll Seminary, 1956
  - HUGH GEOFFREY DEXTER VICKERSTAFF, B.S., Rhodes University College, 1948; Diploma, University of South Africa, 1949

- **In English**
  - MELBA NEGRI BATTIN, A.B., Cornell University, 1952
  - ROSALIE MAY DAVIES, A.B., Northern Illinois University, 1960
  - CHERIE LAFROMBOISE FABIAN, B.S., Kansas State University, 1959
DAVID HUGH HOCHSTETTLER, A.B., North Central College, 1959
ELIZABETH BOARDMAN LEE, A.B., West Virginia University, 1940; A.M., Teachers College, Columbia University, 1949
NORMAN MILLER, A.B., 1960
CARMELITA JONES NELSON, A.B., University of Houston, 1958
SHOSHANA ROCHELLE RIMEL, A.B., Washington University, 1960
JON ARNOLD ROSSMAN, A.B., University of Pennsylvania, 1960
MARTHA ANNE SHUBERT, A.B., 1957
SISTER M. ALPHONSUS LIGUORI HUSHEK, A.B., Rosary College, 1956
DONALD BRUCE WILLARD, A.B., 1959
NANCY WIMBISH, A.B., College of Wooster, 1960
SIAN-LIN YEN, A.B., National Taiwan University, 1956

In French
JOSEPH COLE BAGLEY, A.B., Millikin University, 1951
MARY ALICE BROWN KIMBROUGH, A.B., University of Michigan, 1954

In Geography
JOHN ROBERT MCGREGOR, B.S., 1958

In History
GEORGE CULLOM DAVIS, Jr., A.B., Princeton University, 1957
KARL EVERARD DEJONGE, A.B., Calvin College, 1959
ROSEMARY MASEK, A.B., Hastings College, 1953; A.M., University of Denver, 1959
HENRY LEE PAYNE, B.S., Eastern Illinois University, 1956
MARGARET LORRAINE SIMAK, A.B., 1959
JOHN KNOX STEVENS, B.S., Northern Illinois State College, 1956; A.M., 1957

In Home Economics
SISTER M. STEPHEN TUSEK, A.B., College of St. Francis, 1950

In Labor and Industrial Relations
JOHN ALDEN BREWSTER, A.B., 1960
HARRIET EILEEN REGO, B.S., University of Mysore, 1949

In Mathematics
WILLIAM ROBERT ASTLE, B.S., State University of New York College of Education (New Paltz), 1958; A.M., Teachers College, Columbia University, 1959
MERLYN JAMES BEHR, B.S., Iowa State University, 1958
EDWARD HAROLD BURGER, B.S., A.M., University of Miami, 1953, 1955
FREDDEE LEE BURKE, B.S., Alabama State College, 1956
JAMES ALLEN COHICK, B.S., Pennsylvania State Teachers College (Lock Haven), 1958
ROGER LEE CREECH, A.B., Atlantic Christian College, 1957
WILLIAM FREDERICK CULLIP, B.S., Eastern Illinois University, 1958
GERALDINE FULLER DAUNIS, B.S., Howard Payne College, 1950
MILTON ARTHUR DAVIS, B.S., State University of New York College of Education (Brockport), 1958
WAYNE EUGENE DIEHL, B.S., Pennsylvania State Teachers College (Indiana), 1958
GEORGE LEONARD DOWNING, B.S., University of New Mexico, 1953; M.S., Kansas State Teachers College, 1958
GEORGE ANTHONY EISELE, B.S., McPherson College, 1957
DAYLE GENE FITZKE, B.S., Nebraska State Teachers College, 1951; Ed.M., University of Nebraska, 1956
HENRY RICHARD HAMMES, B.S., Wisconsin State College (Milwaukee), 1949
MONA DEE KLEBE, A.B., MacMurray College, 1955
ROSE MARY ANNE KOTESA, A.B., College of St. Francis, 1958
ROBERT DEAN MACEK, A.B., Iowa State Teachers College, 1949; A.M., Colorado State College, 1953
CARNLTON JAMES MAXSON, B.S., State University of New York College of Education (Albany), 1958
LYLE KEITH MEIER, B.S., Nebraska State Teachers College (Peru), 1950; M.S., University of Omaha, 1956
ROY ALDEN MEYERHOLTZ, B.S., Oakland City College, 1958
JOHN PETER MILLER, A.B., A.M., Central Michigan University, 1957, 1960
JOSEPH MARTIN MUTTER, B.S., Pennsylvania State Teachers College (Indiana), 1958
PATRICK JOSEPH O'REGAN, A.B., Maryknoll Seminary, 1951; A.M., Fordham University, 1960
LEONARD LEON PALMER, B.S., Southeast Missouri State College, 1958
LOUISE DOROTHEA PEKERMANN, A.B., Montclair State College, 1958
BERNICE VON HORN POLLYEA, B.S., University of Chicago, 1937
ROBERT E. RENTON, B.S., M.S., Indiana State Teachers College, 1951, 1952
CLARE ANN SEITZ, A.B., Saint Mary College, 1958
RICHARD EUGENE SHERMOEN, B.S., M.S., North Dakota Agricultural College, 1953, 1958
FRANK HISAO SHIMAMOTO, A.B., University of Hawaii, 1956
SISTER MARY CYRIL CARMODY, A.B., Aquinas College, 1959
SISTER MARY LABOURE CROGGON, A.B., Rosary College, 1953
SISTER JOHN OF GOD McGrath, A.B., Incarnate Word College, 1959
SISTER MARY GIOVANNI MEYER, B.S., St. Joseph's College, 1957
ENDLA VAHER SUSI, B.S., State University of New York College of Education (New Paltz), 1958
CONSTANCE MARCIA SWANSON, A.B., Augustana College, 1957
BERNARD FRANCIS TEPEN, B.S., Western Illinois University, 1957
ANN REGINA WERTZ, B.S., Ursinus College, 1956
WALTER RAYMOND WESTPHAL, B.S., State University of New York College of Education (Buffalo), 1953; A.M., Teachers College, Columbia University, 1957
MARK FRANKLIN WOEN, B.S., Pennsylvania State College (West Chester), 1958
KENNETH WOOTER, A.B., A.M., State University of New York College of Education (Albany), 1952, 1957
MARY KATHERINE YNTEMA, A.B., Swarthmore College, 1950
LESTER JAY ZIMMERMAN, A.B., Goshen College, 1947; M.S., Ph.D., Purdue University, 1950, 1956

In Political Science

JOHN FREDERICK BURHORN, JR., A.B., Illinois College, 1948; B.D., McCormick Theological Seminary, 1953
STEPHEN ARNEAL DOUGLAS, A.B., Kansas State University, 1960
NANCY ANDERSON GUBER, A.B., Gustavus Adolphus College, 1959
CLIFFORD COLBY HILL, B.S., Illinois State Normal University, 1956
RICHARD MURRICK MERELMAN, A.B., George Washington University, 1960
WILLIAM DALE MULLER, A.B., Ohio University, 1960
Marilyn JUNE WILSON, B.S., 1959

In Psychology

SHERMAN LEON GUTH, B.S., Purdue University, 1959
JERRY WILLIAM KOPPMAN, B.S., University of Kentucky, 1959
JOSEPHINE CECILIA NAIDO0, B.S., University of the Witwatersrand, 1953; B.S., University of South Africa, 1959
FLORENCE THOMPSON TROMATER, B.S., 1959
WILLIAM ARTHUR WATTS, A.B., Northwestern University, 1955

In Russian

BORYS BILOKUR, A.B., Temple University, 1959

In Spanish

ETHEL HESTER ALLEY, A.B., Drake University, 1959
RICHARD JOE CAMPBELL, B.S., Eastern Illinois University, 1959
In Speech

William Edward Bailey, B.S., 1960
Joan Elaine Good, B.S., Northern Illinois University, 1956
Rochelle Hite Jaye, A.B., University of Michigan, 1960
Orville Franklin Kenworthy, A.B., College of Wooster, 1960
Ann Mitchell Landgren, B.S., 1958
Sara Jane Miller, A.B., Greenville College, 1955
Caroline Merring, B.S., Illinois State Normal University, 1956
Calvin Lee Prittner, B.S., Kansas State Teachers College (Emporia), 1957
Lawrence William Rosenfield, A.B., Cornell University, 1960
Lyle Stephen Rosenthal, A.B., 1960

In the Teaching of English

Carol Jean Bennett McGuire, A.B., 1960
Linnea Juanita Pearson, B.S., 1960

In the Teaching of German

Karl Andreas Simon, A.B., 1959

In the Teaching of Social Studies

William Warren Donahoo, B.S., 1959
Arlie Emmett Fender, A.B., 1954
Charles Mauzy LeCrone, A.B., 1961
Raymond Zenonas Punktis, A.B., 1960
Paul Eugene Quinlan, B.S., 1957

In the Teaching of Spanish

Ellen Green Williams, B.S., 1954

Degree of Master of Science

In Accountancy

William Herbert Bayley, B.S., 1955
Alfred Rappaport, B.B.A., Western Reserve University, 1954
Ali Hassan Shalabi, B.Com., Alexandria University, 1952

In Agricultural Economics

Moses Das, B.Com., M.Com., University of Lucknow, 1942, 1950
Vernon Roy Eidman, B.S., 1958

In Agricultural Education

Benjamin Belton Fields, B.S., Tuskegee Institute, 1950

In Agronomy

Arnor Nyos, Degree, Agricultural College of Norway, 1955

In Animal Science

Frederick Kenneth Deeble, B.S., University of Nottingham, 1951; Diploma. University of Cambridge, 1952
Arlin Lee Neumann, B.S., 1959
Anand Dev Tiwari, B.V.Sc., Veterinary College (Jabalpur), 1954

In Architectural Engineering

James Paul Dierkes, B.Arch., 1960
Benjamin Franklin Harnish III, B.Arch., 1960

In Biological Sciences

William John Keppler, Jr., B.S., University of Miami, 1959

In Botany

Richard Dale Cook, B.S., 1953
Albert Bernard Ganz, B.S., Roosevelt University, 1958
In Chemical Engineering

WALTER MARTIN BUEHL, B.S., Massachusetts Institute of Technology, 1959
FREDERICK EDY FORD, B.S., Carnegie Institute of Technology, 1959
CLYDE QUITMAN SHEELY, JR., B.S., Mississippi State College, 1959

In Chemistry

ROGER LEE DEVRIES, A.B., Hope College, 1960
JOHN ROBERT MARQUARDT, B.S., University of Arizona, 1955
ELIZABETH WESTON SWENNY, A.B., Albion College, 1960
JACOB JOHN UEBEL, A.B., Carthage College, 1959

In City Planning

WALLACE ELSIE REED, A.B., University of Chicago, 1959
ROBERT BENTS TESKA, B.S. (Civil Engineering), B.S. (City Planning), University of Wisconsin, 1957, 1958

In Civil Engineering

ALI HAMED KHADER AHMAD, B.S., 1961
ROBERT FRANCIS BRADFORD, JR., B.S., Purdue University, 1959
LECH BOGDAN BEREZINSKI, B.Eng., McGill University, 1960
CARL COURTIGHT, B.S., United States Naval Academy, 1951; B.C.E., Rensselaer Polytechnic Institute, 1954
RAFAEL DAVILA-SIAGA, B.S., University of Puerto Rico, 1960
MILTON CARL DRECHSEL, B.S., 1961
CLAYTON SAMUEL GATES, B.S., United States Military Academy, 1956
MOHAMMED ABDUR RAHMAN KHAN, B.Eng., Osmania University, 1959
JAMES WALSH McNULTY, B.S., United States Military Academy, 1956
GABRIEL MEDIALDEA GUINAND, B.S., 1960
GORDON DOUGLAS MORRISON, B.S., University of Alberta, 1956
GEORGE JOSEPH MURRYNE, B.S., University of Toledo, 1957
JAMES PARADISE, JR., B.S., United States Military Academy, 1956
RICHARD NEAL PAULSON, B.S., Illinois Institute of Technology, 1960
SUNDARESA RAMASESHAN, B.Eng., University of Madras, 1957
MUHAMMAD HABUNIR RASHID, B.S., University of Dacca, 1956
DAVID CURTIS NORTON ROBB, B.S., University of Massachusetts, 1956
DINESH CHIMANLAL SHAH, B.Eng., Maharaja Sayajirao University of Baroda, 1959
HERRO LAMES SKIMOORE, JR., B.S., United States Military Academy, 1956
JAMES RALSTON STRICKLAND, B.S., United States Military Academy, 1955
YUKO UEYHARA, B.S., University of Hawaii, 1960
VLADIMIR YACKOLOV, C.E., University Central of Venezuela, 1960
TAKESHI YOSHIIHARA, B.S., United States Naval Academy, 1953; B.C.E., Rensselaer Polytechnic Institute, 1956

In Commercial Teaching

LESLIE DEAN BABCOCK, B.Ed., Wisconsin State College (Whitewater), 1956
MARY PATILLO HAVEN, B.S.C., University of Mississippi, 1955

In Education

KAY REEVES MEGINNIS, B.S., 1958

In the Education of Mentally Handicapped Children

LORRAINE GLADYS ABRAHAM, B.S., Wisconsin State College (Superior), 1953
JOSEPH GERALD MINSKOFF, B.S., Newark State College, 1960
MARILYN JO MORGAN, A.B., 1960
LAURA DIANE NEMECEK, B.S., Southern Connecticut State College, 1960
FREDERICK JOHN SMOKOSKI, B.S., State University of New York College of Education (Geneseo), 1960
ALICE KIRLER SNELL, B.S., Millikin University, 1948
DARNELL LA FRANCINE THOMAS, B.S., LeMoyne College, 1960
In Electrical Engineering

Jagdish Kumar Aggarwal, B.S., University of Bombay, 1956; B.Eng., University of Liverpool, 1960
Leon Warner Atwood, B.E.E., Clarkson College of Technology, 1948
Shih-Mei Cheng, B.S., National Taiwan University, 1957
Robert Bruce Crane, Graduate, United States Air Force Institute of Technology, 1954
William Burke Cross, B.S., University of Wisconsin, 1950
Ronald Kagle Crow, B.S., University of Arkansas, 1958
Jack L. Crowell, B.S., Michigan State University, 1960
Donald Eugene Davis, B.S., Virginia Polytechnic Institute, 1960
Dale M. Diamond, B.S., University of Utah, 1957
Charles Clark Evans, B.S., 1960
Stanley Gavcus, Jr., B.S., United States Naval Academy, 1953
Francis Edgar Greeley, Jr., B.S., 1960
Donald Herman Hading, B.S., 1960
Hisao Kanai, B.Eng., Tokyo Institute of Technology, 1952
Hans Jochen Krumme, Diplom-Ingenieurs, Technische Hochschule Munchen, 1960
Jaan Kruus, A.B., University of Toronto, 1959
Sharadbabu Ranjitlal Laxpati, B.Eng., Gujarat University, 1957
Jagdishchandra Chhotalal Panchal, B.Eng., Maharaja Sayajirao University of Baroda, 1958
Philip Balubhai Patel, B.Eng., Maharaja Sayajirao University of Baroda, 1959
Ray Neal Steckenrider, B.S., University of Missouri School of Mines and Metallurgy, 1949
Richard Adolph Stein, B.S., University of Alberta, 1958
Larry Lee Stickler, B.S., 1958
John Randolph Williams, B.Eng., Vanderbilt University, 1960

In Finance

Jean-Pierre A.E. Bailleux, B.S., Purdue University, 1957
Benjamin Dickson Waldie, Jr., B.S., 1960

In Geography

Vivian Beeler, Jr., B.S., 1960

In Geology

William Frederick Eldridge, A.B., University of New Hampshire, 1960
Neal Ray O'Brien, A.B., DePauw University, 1959
John Louis Weiner, B.S., University of Notre Dame, 1959

In Health Education

Joseph Berger, A.B., Hunter College of the City of New York, 1956
Warren Donald Boskin, B.S., Brooklyn College, 1960
Robert Kertzer, B.S., Brooklyn College, 1960
Kenneth Kruger, B.S., University of Pittsburgh, 1958
Janet Ruth McAdam, A.B., DePauw University, 1960
Donald Carmen Tavano, B.S., State University of New York College of Education (Cortland), 1960

In Home Economics

Louise Krummel Swenson, B.S., Kansas State University, 1945

In Home Economics Education

Maxine York Schroth, B.S., 1940

In Horticulture

Frank John Nudge, B.S., Rutgers University, 1959
Richard Barry Owen, B.S., 1959

In Journalism

Robert Lawrence Nemck, B.S., Michigan State University, 1955
Gerald Fernley Smith, A.B., A.M., University of Cambridge, 1950, 1958
<table>
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<tr>
<th>Subject</th>
<th>Name</th>
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<tr>
<td>In Library Science</td>
<td>BESSIE LULU ALFORD, B.S.</td>
<td>Illinois Wesleyan University, 1923; M.S., University of Chicago, 1931</td>
</tr>
<tr>
<td></td>
<td>MARGARET JUNE WALLINGFORD ALLISON, B.S.</td>
<td>Kansas State College (Pittsburg), 1940</td>
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<tr>
<td></td>
<td>CONSTANCE MARIE ASHMORE, A.B.</td>
<td>1960</td>
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<tr>
<td></td>
<td>ROSEMARIE BARATTA, A.B.</td>
<td>Seton Hill College, 1957</td>
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<td>CATHERINE MING-ANN BEH, A.B.</td>
<td>Winthrop College, 1959</td>
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<td>RUTH ELOISE CLINE, B.S.</td>
<td>Illinois State Normal University, 1958</td>
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<td>DOROTHY JUNE COX, B.S.</td>
<td>A.M., Southern Illinois University, 1944, 1951</td>
</tr>
<tr>
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<td>RUTH MARILYN DIEHL, A.B.</td>
<td>Beloit College, 1960</td>
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<td>STANLEY FRANK DUNNETSKI, B.S.</td>
<td>Loyola University, 1960</td>
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<tr>
<td></td>
<td>MARTHA CLEMENTINA EVERETT, A.B.</td>
<td>Maryville College, 1931</td>
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<td></td>
<td>KATHRYN JENSEN GESTERFIELD, A.B.</td>
<td>University of Denver, 1939</td>
</tr>
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<td>THERMA HORN GLOVER, B.S.</td>
<td>Alabama State College, 1957</td>
</tr>
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<td>ALICE MAY HOOVER, A.B.</td>
<td>William Penn College, 1948</td>
</tr>
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<td></td>
<td>GERTRUDE HUYGENS, A.B.</td>
<td>Central College, 1937; B.L.S., University of Wisconsin, 1939</td>
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<td>BARBARA JEANETTE MCCRIMMON, A.B.</td>
<td>University of Minnesota, 1939</td>
</tr>
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<td>SHIRLEY BROOKE SEBASTIAN, A.B.</td>
<td>University of Melbourne, 1951</td>
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<td>JANET JO SHEFVELAND, A.B.</td>
<td>Macalester College, 1960</td>
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<td>ALICE MAE SHERWOOD, A.B.</td>
<td>Wheaton College (Illinois), 1958</td>
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<tr>
<td></td>
<td>DOROTHY JOYCE SOBERHOLM, A.B.</td>
<td>Nebraska State Teachers College (Kearney), 1946; A.M., Wheaton College (Illinois), 1957</td>
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<td>HORTENSE JACQUELINE FIELDS SUTTON, A.B.</td>
<td>Bennett College, 1952</td>
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<td></td>
<td>NANCY BROSCHIS WEISIGER, B.S.</td>
<td>1943</td>
</tr>
<tr>
<td>In Management</td>
<td>JERALD LEE JOHNSON, BIE</td>
<td>General Motors Institute, 1960</td>
</tr>
<tr>
<td></td>
<td>JURL LEE, B.S.</td>
<td>1959</td>
</tr>
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<td></td>
<td>TEJENDRA MOHAN SEN, B.Com., LL.B.</td>
<td>University of Calcutta, 1954, 1958</td>
</tr>
<tr>
<td>In Marketing</td>
<td>MICHEL HENRI AMADO, Diploma</td>
<td>Ecole Superieure de Commerce de Paris, 1960</td>
</tr>
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<td></td>
<td>LOUIS HENRI FREIDEL, Diploma</td>
<td>Hautes Etudes Commerciales, 1960</td>
</tr>
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<td></td>
<td>SUE LEICHTMAN WALDIE, B.S.</td>
<td>1958</td>
</tr>
<tr>
<td>In Mathematics</td>
<td>SEN FAN, B.S.</td>
<td>Taiwan Normal University, 1954</td>
</tr>
<tr>
<td></td>
<td>COLONEL JOHNSON, JR., B.S.</td>
<td>Southern University, 1960</td>
</tr>
<tr>
<td></td>
<td>JAMES FRANCIS MCINERNEY, B.S.</td>
<td>1960</td>
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<td></td>
<td>JOSEPH LOUIS MOSKOWITZ, A.B.</td>
<td>University of Buffalo, 1960</td>
</tr>
<tr>
<td></td>
<td>TIN OHN, B.Sc.</td>
<td>University of Rangoon, 1956; M.S., 1960</td>
</tr>
<tr>
<td></td>
<td>JONATHAN ANDREW SINGER, A.B.</td>
<td>Cornell University, 1960</td>
</tr>
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<td></td>
<td>PAUL JACOB VAN ZYTVELD, B.S.</td>
<td>1958</td>
</tr>
<tr>
<td></td>
<td>MARY ELLEN WALSH, A.B.</td>
<td>Nazareth College, 1960</td>
</tr>
<tr>
<td>In Mechanical Engineering</td>
<td>RONALD LEE AKERS, B.S.</td>
<td>Oregon State College, 1957</td>
</tr>
<tr>
<td></td>
<td>SADASIVARAO ANANTHASWAMY, B.Eng.</td>
<td>University of Mysore, 1951</td>
</tr>
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<td></td>
<td>SAMUEL LEE BRITTEN, B.S.</td>
<td>University of Oklahoma, 1955</td>
</tr>
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<td>HARINANBAN MAVJIBHAI CHAWDA, B.S.</td>
<td>University of Baroda, 1959</td>
</tr>
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<td></td>
<td>JACK SAMUEL DIVITA, B.S.</td>
<td>Northwestern University, 1955</td>
</tr>
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<td></td>
<td>DONALD CLYDE GRASSER, B.S.</td>
<td>United States Military Academy, 1956</td>
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<td>GERALD DOUGLAS GRIFFITH, B.S.</td>
<td>Agricultural and Mechanical College of Texas, 1960</td>
</tr>
<tr>
<td></td>
<td>EDWARD CHARLES GRISWOLD, B.S.</td>
<td>University of Colorado, 1957</td>
</tr>
<tr>
<td></td>
<td>BENAMI GRUBER TVERSQUI, B.S.</td>
<td>National University of Engineering (Peru), 1960</td>
</tr>
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<td></td>
<td>MORTON JACKSON, B.S.</td>
<td>Roosevelt University, 1958</td>
</tr>
</tbody>
</table>
JAMES CHARLES LISKOVEC, Jr., B.S., Illinois Institute of Technology, 1960
SHIVALINGAYYA VEERAYYA MALLAPUR, B.Eng., Osmania University, 1953
PASHUPATI NATH MASKARA, B.S., Bihar Institute of Technology, 1958
SAMPLER JAMES NEWSOM, Jr., B.S., United States Military Academy, 1957
SÉRGIO GERALDO QUINTELA, Aero.Eng., Institute of Aeronautical Technology (Brazil), 1957
VERNE LOUIS ROBERTS, B.S., University of Kansas, 1960
NELSON LEO SANGER, B.M.E., Clarkson College of Technology, 1959
ROBERT GEORGE SURETTE, B.S., Lowell Technological Institute, 1960
HSIN-YUAN TUAN, B.S., National Taiwan University, 1956

In Metallurgical Engineering
EDGAR ARLIN STARKE, Jr., B.S., Virginia Polytechnic Institute, 1960

In Microbiology
MANUCHEHR DEZFULIAN, Graduate, University of Teheran, 1959
LIA EIDLIC, A.B., Brooklyn College, 1959

In Mining Engineering
SUNDAR SINGH SALUJA, Diploma, Indian School of Mines and Applied Geology, 1950

In Music Education
Hazel Maxine Atkins, B.S., 1942
Thomas Walter Breske, B.S., Northern State Teachers College, 1958
Robert John Chayko, B.S., 1960
Jenny Lynd Westheim Corley, B.S., 1959
James Otto Ferguson, B.S., 1956
Dolores Mae Greene, A.B., Rockford College, 1938
Charles Joseph Hock, B.S., Duquesne University, 1951
Ruth Miller Jones, B.S., 1959
Ruth Esther Keys, B.S., Greenville College, 1950
Muriel Allgood Lyke, B.S., George Peabody College for Teachers, 1954
Robert Ray March, B.Mus., Culver Stockton College, 1958
Elsie Esther Maylath, B.S., 1952
Robert William Flamondon, B.S., 1958
Charles William Reed, B.S., 1957
Norman Dean Sinclair, B.Mus.Ed., Shurtleff College, 1957
Sister Mary Loiselle Langdon, B.Mus., Rosary College, 1940
Jewell Sevier Tilson, B.S., East Tennessee State College, 1950
Felix John Vondracek, Jr., B.S., University of North Dakota, 1959
Loren Roger Waa, B.Mus., Concordia College, 1956

In Nuclear Engineering
John Robert Ficenec, B.S., St. John’s University, 1960
Philip Martin Gresho, B.S., 1961
Norman Joseph McCormick, B.S., 1960
Nancy Marie McComb, B.S., St. Louis University, 1960
John Willard Swanson, Jr., B.S., 1960
Bernard John Verna, B.S., 1955

In Physical Education
Dorothy Ann Barth, A.B., DePauw University, 1960
William Dean Bostwick, B.S., Eastern Illinois University, 1960
Philip Richard Buehrer, B.S., Ohio Northern University, 1959
Franklin Calsbeek, B.S., Augustana College (South Dakota), 1956
Anthony Joseph Canino, Jr., B.S., 1958
Robert Earl Coleman, B.S., 1955
David Elbert Cundiff, B.S., Union University, 1960
Howard Alfred Current, B.S., Eastern Illinois University, 1957
JOSEPH THOMAS FISHER, B.S., Pennsylvania State Teachers College (Slippery Rock), 1958
RICHARD RUBIN FREED, B.S., State University of New York College of Education (Brockport), 1960
MARY ELIZABETH GRIFFITH, A.B., William Jewell College, 1956
DAVID DARNEL HALLBERG, B.S., Wisconsin State College (La Crosse), 1958
VIRGIL WILLIAM HUGHES, B.S., Greenville College, 1957
VIRGINIA NELL INABINETT, B.S., Winthrop College, 1958
RALPH HARRY KAPILIAN, B.S., Springfield College, 1960
PAUL DUANE KIMREY, B.S., 1958
CHARLES ELMER LARSON, B.S., Springfield College, 1960
NINA RUTH MALINAK, B.S., Brooklyn College, 1960
GENE ROBERT McDONALD, B.S., Murray State College, 1952
VIRGINIA NELL INABINETT, B.S., Winthrop College, 1958
RALPH HARRY KAPILIAN, B.S., Springfield College, 1960
PAUL DUANE KIMREY, B.S., 1958
CHARLES ELMER LARSON, B.S., Springfield College, 1960
NINA RUTH MALINAK, B.S., Brooklyn College, 1960
GENE ROBERT McDONALD, B.S., Murray State College, 1952
ROBERT WAYNE McFARLAND, B.S., Nebraska State Teachers College (Peru), 1960
HAROLD HACHIRO NEMOTO, B.S., 1957
LINDA LOU PARCHMAN, B.S.E., University of Arkansas, 1958
ROBERT EDWARD RETEL, B.S., 1960
BRODIE GEORGE ROTHERMEL, B.S., Northern Illinois University, 1960
ROLAND LEE RYAN, B.S., South Dakota State College, 1960
RICHARD MYRON STRAUSS, B.S., 1960
ROGER LOUIS WILLIAMS, B.S., Miami University, 1960
OWEN LEE WRIGHT, A.B., Bridgewater College, 1958
PATRICIA ANN ZIMMERMAN, B.S., Pennsylvania State Teachers College (East Stroudsburg), 1956

In Physics
JEAN ANDRE BEDNARICK, Diploma, Ecole Superieure de Physique et Chimie Industrielles, 1960
ROBERT GERALD BOYD, A.B., University of California (Riverside), 1960
BURDETTE LEE JOESTEN, B.S., Beloit College, 1959
FRANK MARTINO, A.B., Harvard College, 1959
HARLEY HOBBS MCDADAM, Jr., B.S., Agricultural and Mechanical College of Texas, 1960
CHARLES WAYNE MILLER, B.S., University of Missouri, 1960
DAVID CAREY MONTGOMERY, B.S., Massachusetts Institute of Technology, 1960
SANTIAGO RAMIREZ-MARTINEZ, B.S., B.S., University of Puerto Rico, 1949, 1952
JAMES DION SEBASTIAN, B.S., Roosevelt University, 1960
WILLIAM EARL SWEENEY, Jr., A.B., Johns Hopkins University, 1960

In Physiology
BONNIE LOUISE McMANUS, B.S., 1958
CHARLOTTE RITA SMITH, B.S., 1960

In Radio and Television
JACK CRITTENDEN EVERLY, B.S., University of Missouri, 1950

In Recreation
JOSEPH ABRAHAMS, B.S., 1953
JEAN-MARC BEAUCHESNE, A.B., University of Ottawa, 1960
WILLIAM ALTON EDWARDS, B.S., University of Florida, 1960
TOM FABIAN, B.S., University of Michigan, 1954
JOSEPH CAMERON GRAY, B.S., University of Michigan, 1960
ARTHUR WINFRED KENNEDY, B.S., South Carolina State College, 1960
JAMES HUNTER MORGAN, A.B., University of North Carolina, 1960
ARVID RAYMOND OLSON, A.B., Augustana College, 1958
MARTIN ARNOLD ROTUNNO, A.B., University of Colorado, 1960
JOHN HERBERT SCHULTZ, B.S., Valparaiso University, 1958
JOHANNE MARIE SMITH, B.S., Pennsylvania State Teachers College (East Stroudsburg), 1956
ALVIN WILLIAM TOLLE, B.S., 1960

In Sanitary Engineering
JAMES EMMET LAUGHLIN, B.S., University of Texas, 1954
GEORGE EDWARD JOHN SCHMIDT, B.S., 1944
In Speech Correction
Phyllis Jane Ariens, A.B., State University of Iowa, 1950
Phyllis Irene Pearson, A.B., Augustana College, 1954

In the Teaching of the Biological Sciences and General Science
Robert John Anthony, B.S., Jackson College, 1954
Ruth Bischoff Astle, B.S., State University of New York College of Education (New Paltz), 1960
George Edward Beltzhoover, B.S., Murray State College, 1957
George Robert Berggren, A.B., Illinois Wesleyan University, 1950
John Gibson Cooler, B.S., Illinois State Normal University, 1957
Robert Echt, B.S., B.S., 1956, 1960
John David Ingold, B.S., Goshen College, 1959
Dorothy Louise Jones, B.S., Tougaloo College, 1955
James Henry Lockett, Jr., B.S., Tougaloo College, 1953
Gary Eggars Ostrom, B.S., 1958
Constance Curry Riley, B.S., University of Florida, 1955
Richard Charles Teichmann, B.S., Southern Illinois University, 1958
Robert Victor Torsberg, B.S., 1953

In the Teaching of Mathematics
Thomas Oral Brant, B.S., Western Illinois University, 1959
Wayne Everett Hammerton, B.S., Illinois State Normal University, 1958
Richard Donald Jolly, Sr., B.S., Mississippi Southern College, 1958
Gilbert Mathews Nicoll, B.S., 1960
Howard Gene Rutan, B.S., 1949
Sister Mary Diana Doyle, B.S., College of St. Teresa, 1957

In the Teaching of Physics
Richard Thomas LaBarge, B.S., University of Dubuque, 1959

In Theoretical and Applied Mechanics
Lester Sidney Baker, B.S., 1960
John Algimantas Kasuba, B.S., Rutgers University, 1960
Robert Joseph Nikolai, B.S., 1959
Frank Joseph Rizzo, B.S., 1960
Alvin Arnold Solomon, B.S., 1959
Stanley Edson Woell, B.S., Valparaiso University, 1960

In Veterinary Medical Science
Swamikao Kantarao Kamalapur, B.S., University of Bombay, 1944; Diploma, Bombay Veterinary College, 1948

Degree of Master of Music
Burton Bailey Parker, B.Mus., Baldwin-Wallace College, 1958

Degree of Master of Education
Mary Anne Adams, B.S., Eastern Illinois University, 1957
Robert Dale Albers, B.S., 1956
Donald Carl Alexander, A.B., Augustana College, 1958
Ruth Miller Allen, B.S., Indiana State Teachers College, 1955
Norma Jean Brandon Anderson, B.S., 1956
John Carlin Baker, B.S., 1948
Lois Estella Baker, B.S., Eastern Illinois University, 1957
Donald Richard Barber, A.B., Wheaton College (Illinois), 1958
Vivian Berquist Birge, A.B., Eastern Washington College of Education, 1951
Lovina Jean Bodge, B.S., Syracuse University, 1959
Thaddeus Joseph Boduch, B.S., 1958
Barbara Shelly Boggess, A.B., Cedar Crest College, 1955
Robert Walter Boos, B.S., Northern Illinois University, 1952
James Harlan Bottrell, B.S., 1958
Robert Frank Brehm, B.S., Eastern Illinois University, 1948
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adalbert Ferdinand Bremicker</td>
<td>B.S.</td>
<td>Eastern Illinois University</td>
<td>1956</td>
</tr>
<tr>
<td>Ruth Elizabeth Brownell</td>
<td>B.S.</td>
<td>Illinois State Normal University</td>
<td>1954</td>
</tr>
<tr>
<td>Joyce Patterson Bryant</td>
<td>B.S.</td>
<td>Illinois State Normal University</td>
<td>1956</td>
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<tr>
<td>Shirley June Bullard</td>
<td>B.S.</td>
<td>Eastern Illinois University</td>
<td>1956</td>
</tr>
<tr>
<td>Gordon Alexander Burgess</td>
<td>A.B.</td>
<td>University of North Dakota</td>
<td>1942</td>
</tr>
<tr>
<td>Ruby Robinson Campbell</td>
<td>B.S.</td>
<td>University of Tennessee</td>
<td>1938</td>
</tr>
<tr>
<td>Ruth Paisley Carr</td>
<td>B.S.</td>
<td></td>
<td>1956</td>
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<tr>
<td>Barbara Jones Chace</td>
<td>B.S.</td>
<td></td>
<td>1946</td>
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<tr>
<td>Donna Rae Chiles</td>
<td>B.S.</td>
<td></td>
<td>1959</td>
</tr>
<tr>
<td>Margaret Rutter Cochran</td>
<td>B.S.</td>
<td>Pennsylvania State Teachers College (West Chester)</td>
<td>1958</td>
</tr>
<tr>
<td>Doyle Eugene Collins</td>
<td>B.S.E.</td>
<td>Arkansas State Teachers College</td>
<td>1956</td>
</tr>
<tr>
<td>Larry Dean Collom</td>
<td>B.S.</td>
<td></td>
<td>1956</td>
</tr>
<tr>
<td>Thomas Dale Dailey</td>
<td>B.S.</td>
<td>Eastern Illinois University</td>
<td>1957</td>
</tr>
<tr>
<td>Warren James Day</td>
<td>B.S.</td>
<td></td>
<td>1948; B.D., Union Theological Seminary, 1951; M.S., 1956</td>
</tr>
<tr>
<td>Donald Frank Dillenburg</td>
<td>A.B.</td>
<td>Aurora College</td>
<td>1954</td>
</tr>
<tr>
<td>Ruth Kobel Downey</td>
<td>B.S.</td>
<td>State University of New York College of Education (Buffalo), 1953</td>
<td></td>
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<tr>
<td>Dale Dean Downs</td>
<td>B.S.</td>
<td>Eastern Illinois University</td>
<td>1956</td>
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<tr>
<td>Donna Root Edwards</td>
<td>A.B.</td>
<td>University of Miami</td>
<td>1953</td>
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<tr>
<td>Helen Kreamer Eslee</td>
<td>A.B.</td>
<td>Northwestern University</td>
<td>1927</td>
</tr>
<tr>
<td>Fay Esther Fолlett</td>
<td>B.S.</td>
<td>Ball State Teachers College</td>
<td>1958</td>
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<tr>
<td>Virgil Max Foster</td>
<td>B.S.</td>
<td></td>
<td>1957</td>
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<tr>
<td>Jack Orland Garber</td>
<td>B.S.</td>
<td>University of Wisconsin</td>
<td>1950</td>
</tr>
<tr>
<td>Maxine Garner</td>
<td>B.S.</td>
<td>Olivet Nazarene College</td>
<td>1957</td>
</tr>
<tr>
<td>Edgar Allen Gaskill</td>
<td>B.S.</td>
<td></td>
<td>1957</td>
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<tr>
<td>Elmer Claus Gerlach</td>
<td>B.S.</td>
<td></td>
<td>1953</td>
</tr>
<tr>
<td>Raymond LeRoy Gibble</td>
<td>B.S.</td>
<td>Culver-Stockton College</td>
<td>1950</td>
</tr>
<tr>
<td>Kenneth James Gisebright</td>
<td>B.S.</td>
<td>Illinois State Normal University</td>
<td>1955</td>
</tr>
<tr>
<td>Henry Givens, Jr.</td>
<td>B.S.</td>
<td>Lincoln University</td>
<td>1954</td>
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<tr>
<td>Dorothy Eileen Goeman</td>
<td>B.S.</td>
<td>Illinois State Normal University</td>
<td>1954</td>
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<tr>
<td>Penelope Malina Gomien</td>
<td>B.S.</td>
<td></td>
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<td>Edward John Gonwa</td>
<td>B.S.</td>
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<tr>
<td>Leota Axtell Gorslin</td>
<td>B.S.</td>
<td>Olivet Nazarene College</td>
<td>1951</td>
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<tr>
<td>Mary Margaret Graham</td>
<td>B.S.</td>
<td></td>
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<td>Paula Jean Griffith</td>
<td>A.B.</td>
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<td>Donald Lyle Grotte</td>
<td>B.S.</td>
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<tr>
<td>Robert Leland Haney</td>
<td>B.S.</td>
<td>Eastern Illinois University</td>
<td>1957</td>
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<tr>
<td>Maxine Elnor Hawley</td>
<td>A.B.</td>
<td>McKendree College</td>
<td>1951</td>
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<tr>
<td>Jo Celley Herschelman</td>
<td>B.S.</td>
<td>Blackburn College</td>
<td>1958</td>
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<td>Robert Lee Hesler</td>
<td>B.S.</td>
<td>Eastern Illinois University</td>
<td>1957</td>
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<tr>
<td>Billy Joe Heyduck</td>
<td>A.B.</td>
<td>Millikin University</td>
<td>1953; M.F.A., Mexico City College, 1954</td>
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<tr>
<td>Donald Paul Higgs</td>
<td>B.S.</td>
<td></td>
<td>1956</td>
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<tr>
<td>Bing Crosby Holloway</td>
<td>B.S.</td>
<td>Greenville College</td>
<td>1958</td>
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<td>Gerald Allan Holmes</td>
<td>B.S.</td>
<td>Illinois State Normal University</td>
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<tr>
<td>Clifford Eugene Hoppe</td>
<td>B.S.</td>
<td>Missouri Valley College</td>
<td>1955</td>
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<tr>
<td>Robert Wayne Hopping</td>
<td>B.S.</td>
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<tr>
<td>Merle Robert Horwedei</td>
<td>B.S.</td>
<td></td>
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<td>Elberta DorothyHubbell</td>
<td>A.B.</td>
<td>McKendree College</td>
<td>1931</td>
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<tr>
<td>Glendora Mouglin Hutson</td>
<td>A.B.</td>
<td></td>
<td>1959</td>
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<tr>
<td>Elizabeth Ann Jacklin</td>
<td>B.S.</td>
<td>Drake University</td>
<td>1955</td>
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<tr>
<td>Charles Lee Joley</td>
<td>B.S.</td>
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<tr>
<td>Paul Herrin Jones</td>
<td>A.B.</td>
<td>Wabash College</td>
<td>1951</td>
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<td>Philip Robert Jones</td>
<td>B.S.</td>
<td>Illinois State Normal University</td>
<td>1956</td>
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<tr>
<td>Jacqueline Schenber Katz</td>
<td>B.S.</td>
<td>University of Pittsburgh</td>
<td>1959</td>
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<tr>
<td>Charles Lawrence Kemp</td>
<td>A.B.</td>
<td>Illinois College</td>
<td>1929</td>
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<td>Audrey Marguerite Kiser</td>
<td>B.S.</td>
<td>Illinois State Normal University</td>
<td>1950</td>
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<td>Dwight Lynn Kline</td>
<td>A.B.</td>
<td>McKendree College</td>
<td>1956</td>
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<td>Rita Marie Kohlman</td>
<td>B.S.</td>
<td>Illinois State Normal University</td>
<td>1957</td>
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<tr>
<td>Charles Stuart Larson</td>
<td>B.S.</td>
<td>Eastern Illinois University</td>
<td>1956</td>
</tr>
</tbody>
</table>
BOARD OF TRUSTEES

VEDA TAYLOR LARSON, B.S., Southern Illinois University, 1940
BOBBY RAY LITTLEFIELD, B.S., University of Tennessee, 1953
PAUL FRANCIS LONDRIGAN, A.B., 1957
ELSPETH LOGEMAN LUND, B.S., Lombard College, 1927
HAZEL LEE SCHMIDT LUNDEN, B.S., Illinois State Normal University, 1958
JO ANN AGNES MALMBERG, A.B., Washington University, 1959
ARTHUR EDWARD MANWARING, B.S., Shurtleff College, 1950
DAVID MERRILL MARLIN, B.S., Southern Illinois University, 1958
EARLENE JANET MARTIN, B.S., Southern Illinois University, 1953
LARRY LEON MCCOY, B.S., Bradley University, 1957
RAYMOND KEITH MCHATTON, B.S., Southern Illinois University, 1956
WILLIS EVERETT McKINNEY, Jr., B.S., 1950
WILLIAM ABBOTT MCNEALY, B.S., Illinois State Normal University, 1958
DAVID LEE McQUEEN, B.S., Eastern Illinois University, 1954
JOE PAUL MEYER, B.S., Eastern Illinois University, 1958
RUBY MARIE MEYER, B.Ed., Southern Illinois University, 1942
FREDERICK WARREN MILLARD, A.B., Eureka College, 1949
ROBERT MILLAR MILLER, A.B., Dartmouth College, 1951
JUNE FULTON MOLL, A.B., B.S., Phillips University, 1950, 1951
Fred HOWELL MORRIS, B.Ed., Illinois State Normal University, 1939; B.S., 1940
WILLIAM RUSSELL MORRIS, B.S., 1955
RALPH BRUCE MORGAN, B.S., University of Wisconsin, 1956
DELORESE DEL MOSES, A.B., Harris Teachers College, 1955
CLAUDE VERNON MURPHY, B.S., Eastern Illinois University, 1955
JACK EVAN MURRY, B.S., Illinois State Normal University, 1957
VIRGINIA MARIE NIELSEN, A.B., MacMurray College, 1958
ROBERT EARL NOEL, B.Ed., Southern Illinois University, 1943
BERET ADRIENNE OLSON, B.S., Bob Jones University, 1958
ALICE ORPHANOS, B.S., Illinois Institute of Technology, 1953
MARY JEAN OWEN, B.S., 1958
RICHARD RAYMOND PENLEY, B.S., 1958
UTILIAUS ROBERT PHILLIPS, A.B., Fisk University, 1955
MERYN CHARLES PHILLOTTE, B.S., 1960
KATHRYN STELLA PONTIERS, B.S., Northern Illinois University, 1960
RACHEL ANNE POPE, B.S., Eastern Illinois University, 1952
ROLLO KENT PRATT, B.S., Western Illinois State College, 1956
EMIL RAY PROSKA, B.S., Bradley University, 1954
RUTH EVELYN PSAUTE, A.B., B.S., Olivet Nazarene College, 1946, 1951
NAOMI RANSOM, A.B., 1950
JAMES CYRIL REEDER, B.S., Eastern Illinois University, 1951
JON HUBERT REGINER, B.S., 1961
EUNICE FERRY RENKY, B.S., Illinois State Normal University, 1957
MARJORIE HAGI REMY, A.B., 1951
LUCILLE SOWERS RENO, B.S., Western Illinois University, 1953
WILLIAM ROBERT RENOU, B.S., 1950
BILLY KAY RICHARDSON, A.B., Berea College, 1956
DAVID DALE RIEGLE, B.S., 1956
LOUISE ALICE RINTELMAN, A.B., MacMurray College, 1960
VELMA ROBERTS, B.S., Southern Illinois University, 1948
ELLEN EVA ROSEN, B.S., Northern Illinois University, 1958
JAMES GUY ROSER, B.S., Quincy College, 1953
BOBBIEJO SCATES, B.S., Missouri Valley College, 1956
EDWARD JOSEPH SCHEFFEL, A.B., College of St. Joseph, 1952
JULIAN DAVID SCHERRER, B.S., Quincy College, 1938
BERNARD W. SCHRADE, A.B., McKendree College, 1959
EMILY JONES SHANNON, B.Mus.Ed., Illinois Wesleyan University, 1933
DIANE SCHWARTZ SHLENS, B.S., 1959
SISTER MARY DENICE COLLINS, Ph.B., De Paul University, 1952
SISTER MARY ROBERTINE FITZGERALD, B.S., De Paul University, 1952
SISTER MARY HELEN MARRON, Ph.B., De Paul University, 1955
SISTER FLORENCE MARY SNIDER, B.S., De Paul University, 1941
CLARENCE EMMOY SMITH, B.S., Tuskegee Institute, 1946
JAMES ERNEST SNODDY, B.S., Indiana State Teachers College, 1954
DONALD CARL STAGEN, B.S., Illinois State Normal University, 1959  
MARILOYN WIBLE STARK, A.B., 1944  
ALMA TOOL STIDER, A.B., Eureka College, 1940; B.S., 1941  
CECILE ANTOINETTE STEIN, A.B., Queens College, 1957  
SANDRA JEAN STINEBRING, B.S., Illinois State Normal University, 1959  
JOHN LAWRENCE SWENSON, B.S., Illinois Wesleyan University, 1958  
JOHN PHINEHAS SYMES, B.S., University of Chattanooga, 1957  
JEROME HENRY SYMONS, B.S., Illinois State Normal University, 1957  
JACK KENT TAYLOR, B.S., 1957  
DOUGLAS LEROY THOMAS, B.S., University of Nebraska, 1958  
DONALD GENE THOMPSON, B.S., 1956  
PHILLIP THOMAS THORNTON, B.S., Eastern Illinois University, 1954  
ARTHUR HUTCHISON TURNER, A.B., Franklin College, 1957  
JESSIE LEE VAUGHS, A.B., Harris Teachers College, 1955  
MARY ELEANOR WEBER, B.S., Drake University, 1953  
MERRILL JOSEPH WEIJOLA, A.B., Long Beach State College, 1959  
HARRY ELWOOD WHITE, B.S., 1956  
MILTON RAY WHITTEN, B.S., Southern Illinois University, 1956  
HAROLD LORRAINE WILLIAMS, B.S., Illinois State Normal University, 1952  
HARRI WILLIAMS, A.B., Arkansas Agricultural, Mechanical, and Normal College, 1957  
CAROLYN EMELINE JOKISCH WILSON, A.B., MacMurray College, 1956  
RICHARD WAYNE WOODARD, B.S., 1955  
JAMES LEONARD WOOTTON, B.S., Southern Illinois University, 1956  
ROSALYN ANN WRIGHT, B.S., Illinois State Normal University, 1958  
WILLIAM RALPH WRIGHT, B.S., Illinois State Normal University, 1958  
MARIE GOODRICH WYATT, B.S., University of Minnesota, 1958  
GEORGE FRED YOUNGREN, B.S., Illinois State Normal University, 1952  
LAWRENCE JAMES ZEIB, B.S., Lewis College of Science and Technology, 1959  
GEORGE ZIGMAN, B.S., Illinois State Normal University, 1955

**Degree of Master of Fine Arts**

*In Landscape Architecture*

ALLAN DALE CORREY, Diploma, University of Durham, 1958

*In Painting and Printmaking*

SANDRA JEAN GIERKE, B.F.A., 1959  
IAN CHRISTOPHER SHORT, B.F.A., Illinois Wesleyan University, 1959

**Degree of Master of Architecture**

GERALD IRVIN ANDERSON, B.Arch., Iowa State University, 1960  
JOHN ALBERT BENSON, B.Arch., 1960  
SATYABRATA CHATTERJE, B.Arch., University of Calcutta, 1959  
MERFYN CUNNINGTON DAVIES, B.Arch., Welsh College of Advanced Technology, 1958  
MOHAMMED YSHY MOHAMMED GHAHREH, B.S., Ein Shams University, 1957  
CHARLES KENT GORDON, B.Arch., 1957  
FRANK KUENZ II, B.Arch., Washington University, 1954  
WILEY JAMES TILLMAN, Jr., B.S., 1950  
JOHN HOWARD WOODFORD, B.S., University of Kansas, 1960

**Degree of Master of Accounting Science**

JAMES LEONARD AHLSTEDT, A.B., Augusta College, 1960  
RONALD VERNON HARTLEY, B.S., Ohio University, 1960  
RONALD DUANE JEFFRIS, B.S., Eastern Illinois University, 1959  
RICHARD LOUIS KESSLER, B.S., Miami University, 1960  
WILLIAM CHRI REYN, A.B., Chico State College, 1960  
HARRY CLIFFORD VISSE, JR., B.S., University of Oregon, 1960

**Degree of Master of Laws**

DAN BYRON DOBBS, A.B., LL.B., University of Arkansas, 1956, 1956  
CLIFFORD LESLIE PANNAM, B.Law, University of Melbourne, 1959
Advanced Certificate

In Education

Jessie Stephens Carter, B.S., Southeastern State College, 1947; Ed.M., University of Oklahoma, 1949
Margaret Marie Dellaatori, B.S., M.S., 1948, 1951
Mary Louise McWilliams, B.S., University of Missouri, 1951; A.M., Arizona State University, 1957
Mary Jane Meredith, A.B., Monmouth College, 1951; Ed.M., 1960
Mae Josephine Miller, B.S., Illinois State Normal University, 1944; Ed.M., 1956
Phyllis Saben Pence, B.S., Ed.M., 1932, 1960
Wilfred Everett Rice, B.S., Bradley Polytechnic Institute, 1931; M.S., 1940
Maurice William Wilson, B.S., Northern Illinois University, 1948; Ed.M., 1953
Gifford Sharp Zimmerman, B.S., M.S., 1940, 1953

In Music Education

Elton Royce Curry, B.S., A.B., Fairmont State College, 1949, 1950; A.M., West Virginia University, 1952

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

David Hiram Baker, High Honors
Harold Dean Baker
Kenneth Lee Becker
Lewis Ronald Bell
John William Burrus
Gene Howard Crone
Terence Pearson Jacobs
Thomas Leslie Jones

Jon Elmer Kibler
Richard Griswold McQueen
James Franklin Moluf
Darrell Wayne Nelson, Honors
John Virgil Neumann
David Wayne Sager
Patrick Michael Weber

In Home Economics

Phoebe Ann Burt
Helen Ruth Hallman

Barbara Ellen Harris
Zo-Anne Shin Fu Lum

Mary Hoge Conley, High Honors

In Restaurant Management

Thomas Edward Daniels

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

Eugene Frank Gaffney
Allan Lee Gingerich

Ronald Dean Johnson

In Agricultural Engineering

Roger Dool Mayhew
Earl Otto Reinkensmeyer

John Allen Whitaker
David Everett Wilson

In Civil Engineering

Allan Lee Abbott
Joseph Lee Greene
William Alvin Huston
Richard Melvin Jones
John Anthony Kuske, Jr., High Honors

Gerald Field Kvinge, Honors
James Walter Madden
William Mirza
Patrick Joseph Moran
Donald Wayne Neibel
Edward Marinus Olsen
JOHN FRANCIS ONAK
EMILE ABDAHALLAH SAMARA
ANDREAS SCHIEDT

In Electrical Engineering

DAVID FRANCIS BESCH
CLARK IVAN BRIGHT
NORMAN JAMES DEWEY
NELSON G. FREEMAN
ANDREW HAROLD JOHNSTON, Honors
ERWIN ARTHUR JUNG
RICHARD GORDON KINNEY
ROBERT ANTHONY LAUSCH
GEORGE PETE LITSIKAS
HERBERT JOHN MUELLER, JR.

In Engineering Mechanics
THOMAS JAMES DOLAN, Highest Honors

In Engineering Physics
FRANK GEORGE KASPAR
ANATOL KUCZURA, Honors
MICHAEL BRUCE LEVITT

In General Engineering
DONALD ANDREW CUNNINGHAM
WILLIAM CHARLES KONICEK

In Industrial Engineering
WILLIAM EDWIN BANTA

In Mechanical Engineering
CARL MARTIN BLOOM
WILLIAM BLISS BROWN
GEORGE FRANK BURDI, Honors
LUIS ENRIQUE DEVIS ECHANDA
ROBERT STOKLEY DOUGLAS, Jr.
ROBERT EUGENE EILERS
FRED ANDREW ERICKSON, Jr.
WILLIAM CAMERON GRAHAM, Jr.
WILLIAM HERBERT KITCHEN
JOHN VICTOR LARSON

In Metallurgical Engineering
RAY BERTIL ANDERSON

In Mining Engineering
EDWIN ALAN FRANKLIN

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

VICTOR ANTHONY ABELL
HENRY JACOB AMANN
SHARON FELDMAN BERMUN
IRENE TRINKUN BORDERS
SHIRLEY JEAN DAVIDSON
DOROTHY MOLLY GILLER
GERALD ANDRE GUERTIN
ERNA MARIA JOCHEM
DONNA KAY KAISERMAN

ALLEN STANLEY KENT
FLORE KOCIN, Honors in Liberal Arts and Sciences with Distinction in Political Science
MARGARET ANN LEHMANN
RONALD CHARLES LINK, Honors in Liberal Arts and Sciences with Highest Distinction in Chemistry
PETER ALAN LOSCHKY
ANGUS SINCLAIR MORE
JUDITH ANNE NEAL
EDWARD BOWMAN PETTIGREW, JR.
LAMAR MCFADDEN PROSSER
GEORGE READ
ROGER ANDREW SEJIO
SIMON RAOUl SHERIDAN
BLANCHE JEDLICKA STEMKE
BARRY DENNIS SUSSMAN

ALEXANDER JAMES TOUBLAKES, Honors
in Liberal Arts and Sciences
MERLE FRANK TUGGLE
FREDERICK CARL UHDE, Honors in
Liberal Arts and Sciences with
High Distinction in Philosophy
ARVALYN BREMER VAN ETTEN
LINDA VAN LEER
MOLLY MOORE WALBAUM

In the Teaching of English

MARY SCHUTZBACH ALTHOFF, Honors
in Liberal Arts and Sciences
UNA ALLEN DUNBAR

SAUNDRA ANN YOUMANS, Honors in
Liberal Arts and Sciences

In the Teaching of Latin

JULIANNE CATHERINE LAWLER, Honors in Liberal Arts and Sciences

In the Teaching of Social Studies

SHEILA FAY BURSTEIN
NORMA ILa GOODMAN
GLORIA CELESTINE LINDSEY
ROBERT EUGENE MARTIN

ANNE MARIE MURRAY, Honors in
Liberal Arts and Sciences with
Distinction in the Curriculum

In the Teaching of Spanish

GLADYS CLEMENS LEAL

Degree of Bachelor of Science

In Chemical Engineering

EUGENE ELZY, Honors in Liberal Arts
and Sciences with High Distinction
in the Curriculum

RICHARD FRED MANGEL, JR.
HUGH L. WEISENSTEIN

In Chemistry

WILLIAM OWEN DALTON, Honors in
Liberal Arts and Sciences with
High Distinction in the Curriculum

DONALD RAY HARTTER, Honors in
Liberal Arts and Sciences with
High Distinction in the Curriculum

In Liberal Arts and Sciences

JOHN WESLEY BARKLEY
GEORGE PATRICK CASEY
BARRY LEE CHILDRESS, Honors in
Liberal Arts and Sciences
IRIS RUTH COOPER, Honors in Liberal
Arts and Sciences
SMARAGDA F. DRAKOU
LOYD KENNETH FINK, JR.
STEPHEN NEAL FISHER
JOHN BURSON HORN
KENNETH HAROLD JOHNSON
JIMMY GENE KEUNE

LAYTON FREDRICK KINNEY
JOHN PETER LEGENDRE
THOMAS WALLACE MANSFIELD
JOHN PENN MAYBERRY
STUART DONALD MILLER
BARBARA ANN MORGAN
EDWARD PETER NELLESSEN
ALICE ADAMS SIMPSON, Honors in
Liberal Arts and Sciences
RONALD LEE UFKEs
IRVING PHILLIP UNIKEL

In the Teaching of the Biological Sciences and General Science

MIRKA MARIE MEjzR
MARILEE DOROTHY MOMMSEN

In the Teaching of Chemistry

BARBARA LULU STERNAMAN, Honors in Liberal Arts and Sciences

In the Teaching of Mathematics

BARBARA KUMLER GAY

In the Teaching of Mathematics and the Physical Sciences

RANDAL RAE BRAUN
### COLLEGE OF LAW

**Degree of Bachelor of Laws**

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charles Paul Blahous, Jr.</td>
<td>B.S., 1958</td>
</tr>
<tr>
<td>Martin Maxwell Brozosky</td>
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<tr>
<td>Eldon Wendell Duer, B.S.</td>
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<tr>
<td>Carl Harry Hauber</td>
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<tr>
<td>Frederick Arthur Hicks, A.B.</td>
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<tr>
<td>Charles Paul Montino, A.B.</td>
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<tr>
<td>Philip Hastings Nye, Jr.</td>
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<tr>
<td>Northwestern University, 1958</td>
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<tr>
<td>Earl Coolley Roller, Jr.</td>
<td>B.S., 1959</td>
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<tr>
<td>Rudolph Clarence Schoppe</td>
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<tr>
<td>John Edwin Tait</td>
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### COLLEGE OF EDUCATION

**Degree of Bachelor of Science**

**In Education**

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Richard Vincent Cherico</td>
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<tr>
<td>Sandra Woolverton DeVries</td>
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<tr>
<td>Robert Joseph Krajewski</td>
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<td>Howard Alan Lane</td>
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<td>Mary Jane Clem Lundy</td>
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<td>Joan Ellacott O'Bryant</td>
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<td>Robert Edwin Yonke</td>
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**In the Education of Mentally Handicapped Children**

<table>
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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Mildred Bangert Angelo</td>
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<tr>
<td>Ethel Rosal Stritzel</td>
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**In Elementary Education**

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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Dorothy Edwards Buckingham</td>
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<tr>
<td>Julie DeSales Costello Coolican</td>
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<tr>
<td>Clara Louise Crawford</td>
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<tr>
<td>Flora Carmella DiBraccio</td>
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<tr>
<td>Dorothy Chesnut Edgington</td>
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<td>Lonore Watkins Godwin</td>
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<td>Florence McDermid Goodrum</td>
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<tr>
<td>Sandra Keith Hattery</td>
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<tr>
<td>Marilyn Joyce Hawkins, High</td>
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<td>Honors</td>
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<tr>
<td>Susan Hitz EY</td>
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<tr>
<td>Georgann Marie Horwitz</td>
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<td>Dorothea Lomax Long</td>
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<td>Hylene Stiefel Magaro, High</td>
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<td>Honors</td>
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<tr>
<td>Mary Cassidy McCoy</td>
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<tr>
<td>Bertha Kortz Miller</td>
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<td>Mary Allen Mooney</td>
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<td>Susan Bonnell Owens</td>
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<td>Judith Reidel Penrod</td>
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<tr>
<td>Golda Hume Porter</td>
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<tr>
<td>Virginia Treen Proehl, Honors</td>
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<tr>
<td>Barbara Hoffman Schuman</td>
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<tr>
<td>Margaret Alkire Stark</td>
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<td>Penelope Pietrus Wallhaus</td>
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<td>Mary Clements Young</td>
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**In Industrial Education**

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<tbody>
<tr>
<td>George Albert Brown</td>
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<tr>
<td>Floyd Ray Donley</td>
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<tr>
<td>Ralph Lewis McGee</td>
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### COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

**Degree of Bachelor of Science**

**In Accountancy**

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Michael Larry Cochran</td>
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<tr>
<td>Larry Thomas Lakin</td>
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<tr>
<td>Martin David Levy</td>
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<tr>
<td>Thomas Sherwood Liston, Honors</td>
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<tr>
<td>Kenneth Arthur Lussenhop</td>
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<tr>
<td>Paul Truman Mooney</td>
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<td>John Frederick Perry</td>
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<td>John Robert Reger</td>
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<td>Richard Lee Rosenberg</td>
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<td>Kent Gerald Rotthock</td>
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<tr>
<td>William Bradford Sawtell</td>
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<td>Robert Walter Scott</td>
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<td>Albert Louis Sittard</td>
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<td>John Louis Suter</td>
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<td>Thomas George Tansor</td>
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<td>Bruce Edward Williams</td>
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**In Commerce and Law**

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<tr>
<td>Raymond Alan Bolden</td>
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<tr>
<td>Robert Alan Hayes</td>
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<td>Norman Richard Lawrence</td>
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**In Commercial Teaching**

<table>
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<tbody>
<tr>
<td>Patricia Lynn Randolph</td>
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<tr>
<td>Karen Lee Strack, Honors</td>
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**In Economics**

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<tbody>
<tr>
<td>Wayne Edward Pearson</td>
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<tr>
<td>Honors</td>
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</table>
In Finance
Donald Ray Arnold
Christopher Joseph Lavick, Jr.

In Industrial Administration
Philip Lee Kellogg

In Management
Arlin George Ehrlich
Jeffrey William Gain
James Henry Hinz

In Marketing
Robert Lynn Caswell
David Herbert Cooper
Darkell Lee Duncan
Richard Dorton Kell
Dennis Charles Leonardi

In Secretarial Training
Norma Jean Carter

College of Journalism and Communications
Degree of Bachelor of Science
In Communications
Murray Charles Kalis
Marcia Ann Morgan
Bruce Cherwell Overton, Honors

Donal James Sommerville
Joan Carol Tomkinson
Gilbert Gabriel Zoghlin

College of Fine and Applied Arts
Degree of Bachelor of Architecture
Henry William Carroll Carazo
Joan Samson Ennis, Honors
James MacMahon Graham
Robert Vincent Kennedy

Lester Joseph Krasnowski
John Edward Lane
Wayne Thorsten Ottoson
Henry George Schnirbich, Jr.

Degree of Bachelor of Fine Arts
In Advertising Design
James Arthur Berry

Diane Deek Leaf

In Art Education
Patricia Butler Jensen, Honors

Vida Vita Kristolaitis

In Industrial Design
David Harry Bloom
Thomas Leslie Hermann
Wilfred James Magiera

John Stanley Maliskas
Sheldon J. Rosenzweig

In Painting
Judy Tibbetts Loyet

In the History of Art
Tamara Persidski Kulikauskas

Degree of Bachelor of Music
Arthur Oliver Bower, High Honors
Shirley Ann Meyer, High Honors

Dixie Lee Rodehaver

Degree of Bachelor of Science
In City Planning
Peter Frank Cridland
In Music Education

DAVID NOEL METZLER
MARLENE RUTH MUNSON

SISTER ANGELA SONNEVILLE, Highest Honors

COLLEGE OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

DONALD ANTHONY BEESE
RAYMOND PAUL GIBSON
BRUCE JOSEPH MERSON
RONALD JOHN MOODY
ROBERT JOSEPH SALATA

JIMMIE EARL SMOCK
GEORGE EDWARD STELMACH
FREDERICK RAYMOND TAMMEN
JOHN RUSSELL WINGERT

In Recreation

MARGARET HUBBARD CARL
JESSIE ANN HARMeyer
YVONNE MARIE KRUeGER

JUDITH ALLENE MOREEN
JUDITH ANN TERP
RUTH HELEN WEIHL

Degrees Conferred at Chicago

COLLEGE OF MEDICINE

Degree of Bachelor of Medicine

Conferred June 10, 1938

MARION MASTERS RICKETTS, JR.

Degree of Bachelor of Science

Conferred June 9, 1961

JAMES ESTEL TURNS

SECRETARY'S REPORTS

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

APPOINTMENTS MADE BY THE PRESIDENT

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

ADAMS, JACk A., Associate Professor of Psychology and Laboratory Director, two months from June 16, 1961, $1,055.55 a month; this is in addition to his present appointment (6-16-61).

ALBRIGHT, MRS. LORRAINE H., Assistant in Home Economics (C), ½ time, and in the Student Counseling Service, ½ time, academic year beginning September 1, 1961, $4,900 (8-16-61).

ALDUS, ARIK, Instructor in General Engineering (C), academic year beginning September 1, 1961, $6,500 (7-24-61).

ALEXANDER, RICHARD W., Assistant in English, nine months from September 16, 1961, $4,000 (8-14-61).

APPLEMAN, LAUREL A., Assistant Editor of Publications, with rank of Assistant (Agricultural Experiment Station), 1½ time, one year from September 1, 1961, $2,700 (8-18-61).

ARCHER, JANE B., Instructor in Speech and Theatre, ½ time from September 1, 1961-February 28, 1962, $208.33 a month, and full time from March 1-August
ARMSTRONG, Pauline B., Assistant Professor of Psychology, one year from July 1, 1961, $7,750 (7-31-61).

ATWOOD, Barbara, Clinical Counselor in the Student Counseling Service, with rank of Instructor, ½ time, one year from September 1, 1961, $6,000 (8-12-61).

BABLER, Bernard J., Professor of Chemistry (Chicago Undergraduate Division), indefinite tenure, and Acting Head of the Division of Physical Sciences, one year, from September 1, 1961, to render service during each academic year, $12,000 a year (8-12-61).

BACHRACH, Joseph, Associate Professor of Chemistry (Chicago Undergraduate Division), Summer Session of 1961, ½ time, August 14-September 8, 1961, $608 for the period (9-1-61).

BAKER, Robert A., Assistant in English, nine months from September 16, 1961, $4,000 (8-14-61).

BAIN, Robert A., Assistant in English, nine months from September 16, 1961, $4,000 (8-14-61).

BAIRD, Jack R., Research Assistant in Electrical Engineering (S), one year from September 1, 1961, $5,750 (8-16-61).

BAKER, James L. L., Research Assistant in Mechanical Engineering (C), nine months from September 16, 1961, $4,500 (8-11-61).

BARTHA, Tamas L., Assistant in Mathematics (Chicago Undergraduate Division), nine months from September 16, 1961, $4,600 (8-10-61).

BARTON, Donald, Visiting Research Assistant Professor of Chemistry, one year from September 1, 1961, $8,500 (8-12-61).

BAUM, Alan F., Instructor in Sociology (Chicago Undergraduate Division), ½ time, academic year beginning September 1, 1961, $2,240 (8-10-61).

BEUTTAS, Jack T., Research Assistant in Psychiatry (Medicine), one year from September 1, 1961, $5,500 (8-12-61).

BLENKNER, Charles L., Assistant in English, nine months from September 1, 1961, $3,000 (8-14-61).

BONALDI, Richard E., Pharmacy Resident in Hospital Pharmacy (Pharmacy), ½ time, one year from September 1, 1961, $1,500; for the convenience of the University he will also receive room and board (8-12-61).
BORMAN, KAREN L., Instructor in Mathematics (Pharmacy), academic year beginning September 1, 1961, $5,500 (8-30-61).

BOUSEMAN, JOHN K., Research Assistant in Entomology, two months from June 16, 1961, $422.22 a month (7-31-61).

BRENT, GEORGE W., Instructor in Prosthodontics (Dentistry), ½ time, one year from September 1, 1961, $4,200 (7-24-61).

BRIDGES, THOMAS W., Instructor in Music, academic year beginning September 1, 1961, $6,200 (8-11-61).

BROOKS, FLOYD L., JR., Visiting Instructor in Chemistry, academic year beginning September 1, 1961, $7,700 (8-29-61).

BROWN, O. ROBERT, JR., Research Assistant in University High School, nine months from September 16, 1961, $6,000 (7-24-61).

BROWN, ROBERT C., Assistant in the Institute of Aviation, nine months from September 16, 1961, $4,725 (8-16-61).

BROWN, ROBERT E., Instructor in Dentistry (Dentistry), ½ time, one year from September 1, 1961, $3,500 (8-12-61).

BUCHHOLZ, EUGENE K., Assistant in Mechanical Engineering (C), nine months from September 16, 1961, $4,800 (8-11-61).

BUCHHOLZ, EUGENE K., Assistant in Mechanical Engineering (C), nine months from September 16, 1961, $4,800 (8-11-61).

BUSTARD, MARGARET S., Assistant in Verbal Communication (Division of General Studies), nine months from September 16, 1961, $4,200 (8-14-61).

CHAKRAVARTI, SUSIL K., Research Associate in Chemistry, one year from September 1, 1961, $6,100 (8-11-61).

CHALMERS, MRS. RUTH, Research Assistant in Electrical Engineering (S), six months from September 1, 1961, $408.33 a month (8-16-61).

CHAMBERLAIN, ROBERT A. S., Assistant in English, nine months from September 16, 1961, $4,000 (8-14-61).

CHAN, SHU-PARK, Instructor in Electrical Engineering (C), ½ time, academic year beginning September 1, 1961, $2,600 (8-10-61).

CHANANAPRAGADA, RAO S., Research Associate in Mining, Metallurgy, and Petroleum Engineering (C), three months from June 1, 1961, $666.67 a month, supersedes (8-10-61).

CHAPMAN, PETER J., Research Associate in Chemistry, one year from September 1, 1961, $6,000 (8-12-61).

CHAPEL, M. A. LOUISE, Assistant-Interne in the Student Counseling Service, one year from September 1, 1961, $4,900 (8-12-61).

CHATMAN, DONALD G., Research Assistant in Medicine (Medicine), one year from September 1, 1961, $5,500 (8-12-61).

CHEN, TSU-PARK, Instructor in Electrical Engineering (C), ½ time, academic year beginning September 1, 1961, $2,600 (8-10-61).

CHICOREL, MARIETTA, Assistant Architecture Librarian, with rank of Instructor, September 15, 1961-August 31, 1962, $6,500 a year (8-23-61).

CLAUSEN, EDWARD M., Research Assistant in Ceramic Engineering (S), September 1-15, 1961, $440 a month, supersedes (8-1-61).

COLEMAN, HAROLD M., Instructor in Chemistry (Chicago Undergraduate Division), ½ time, academic year beginning September 1, 1961, $4,800 (8-10-61).

COMPTON, W. DALE, Associate Professor of Physics (C), August 21-September 15, 1961, $1,111.11 a month (8-3-61).

COOLEY, JACK C., Clinical Assistant Professor of Physiology, two years from September 1, 1961, to render service during each academic year, without salary (7-31-61).

COOLES, JAMES, Assistant in English, nine months from September 16, 1961, $4,000 (8-14-61).

COOLES, JAMES, Assistant in English, nine months from September 16, 1961, $4,000 (8-14-61).

COBEN, WARREN C., Visiting Lecturer in the Classics, academic year beginning September 1, 1961, $9,000 (8-12-61).

CRANDALL, CORYL E., Assistant in English, nine months from September 16, 1961, $4,000 (8-14-61).

CRIMMEL, HENRY H., JR., Visiting Instructor in Philosophy, academic year beginning September 1, 1961, $6,000 (8-15-61).

CROSS, MRS. MARY A., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1961, $4,100 (8-11-61).

CROWDER, JAMES R., Research Assistant in the Coordinated Science Laboratory (C), one year from September 1, 1961, $3,700 (8-12-61).
DAVIS, OSCAR F., Instructor in Psychiatry (Medicine), July 1, 1961-August 31, 1962, without salary, supersedes salaried appointment (8-30-61).


DICKERSON, VINCENT M., Executive Officer of Naval Science, one year from September 1, 1960, $600 (8-16-61).

DJORUP, FRANS M., JR., Instructor in Mathematics, academic year beginning September 1, 1961, $7,000 (8-15-61).

DOBER, MRS. FRANCES M., Resident Assistant, Lundgren Hall, ten months from September 1, 1961, $1,800; for the convenience of the University she will also receive room and meals while the dining rooms are open (8-31-61).

DOUGHTY, CLYDE C., Assistant Professor of Biological Chemistry (Medicine), one year from September 1, 1961, without salary (8-18-61).

DuBois, William R., Assistant in English, nine months from September 16, 1961, $4,000 (8-14-61).

ECKEL, EARL J., Professor of Metallurgical Engineering (C), one month from June 16, 1961, $1,155.55, supersedes his additional appointment dated June 7, 1961 (8-11-61).

EICHOLZ, ALEXANDER, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1961, $4,900 (8-30-61).

ELDERKEVICIUS, MARIJA, Research Assistant in Microbiology (Medicine), one year from September 1, 1961, $4,900 (8-12-61).

ELSEY, JOHN C., Instructor in Electrical Engineering (C), ½ time, academic year beginning September 1, 1961, $2,900; this is in addition to his appointment as Bendix Aviation Corporation Teaching Fellow in Electrical Engineering (8-23-61).

EPSTEIN, WILLIAM W., Research Associate in Chemistry, September 1-October 15, 1961, $458.34 a month (8-18-61).

ETTER, DONAL D., Research Assistant in the State Water Survey, one year from July 1, 1961, $6,000 (7-24-61).

EUSTICE, D. J., Instructor in Mathematics, academic year beginning September 1, 1961, $7,500 (8-15-61).


FAULK, CAROLYN S., Assistant in English, nine months from September 16, 1961, $4,200 (8-12-61).

FIELD, MARK G., Associate Professor of Sociology, August 15-31, 1961, $723 (8-31-61).

FINE, RALPH S., Instructor in Commerce and Business Administration (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, $534 for the period (7-18-61); and Instructor in Accountancy (Chicago Undergraduate Division), academic year beginning September 1, 1961, $4,400 (8-12-61).

FISHER, WALTER E., Research Associate in Civil Engineering (C), September 1, 1961-February 28, 1962, $600 a month (8-18-61).

FLORASCHNETZ, LEON W., Research Assistant in Mechanical Engineering (C), nine months from September 16, 1961, $4,400 (8-11-61).

FOX, ELAINE, Research Assistant in Botany, one year from September 1, 1961, $4,900 (8-23-61).

FRAILE, CATHERINE, Assistant in the Student Counseling Service, one year from September 1, 1961, $5,100 (8-12-61).

FREIDMAN, RITA S., Research Assistant in Microbiology (Medicine), one year from September 1, 1961, $3,000 (8-10-61).

FRIEND, GEORGE L., Assistant in English, nine months from September 16, 1961, $4,000 (8-14-61).

FUCHI, KAZUHIRO, Research Associate in the Digital Computer Laboratory, nine months from September 16, 1961, $4,000 (8-23-61).

FUJlWARA, MIYUKI, Research Assistant in the State Water Survey, one year from July 1, 1961, $6,000 (7-24-61).

FUKAZAWA, KAIICHI, Research Associate in Food Technology (S), one year from September 1, 1961, $5,850, supersedes (7-24-61).
GANGULY, ASHOK, Research Associate in Food Technology (S), three months from September 1, 1961, $487.50 a month (8-12-61).

GDALMAN, LOUIS, Clinical Instructor in Pharmacy (Pharmacy), one year from September 1, 1961, without salary (8-30-61).

GEORGIOU, GEORGE T., Physician in the Health Service (Chicago Professional Colleges), ½ time, one month from August 1, 1961, $4,350 a year, supersedes (8-12-61).

GLADISH, ROBERT W., Instructor in English (Chicago Undergraduate Division), September 16, 1961-January 31, 1962, to render service during the first semester of the academic year, $2,500 (8-10-61).

GOLDBERG, SAMUEL L., Associate Professor of Mathematics, indefinite tenure from September 1, 1961, to render service during each academic year, $10,500 a year (8-16-61).

GOLDEN, WILLIAM M., Research Assistant in Education (University High School), two months from June 16, 1961, $422.22 a month (8-16-61).

GOMOLL, ALLEN W., Instructor in Pharmacology (Medicine), one year from September 1, 1961, $9,000 (8-10-61).

GOODALL, FORREST R., Instructor in Physiology, nine months from September 16, 1961, $5,000 (8-15-61).

GROSS, MARY E., Instructor in Medical Social Work (Medicine), ten months from September 1, 1961, $566.66 a month (8-12-61).

GOTZ, GEORGE C., Research Assistant in Mathematics, two months from June 16, 1961, $850 (8-7-61).

GREENBERG, NAHMAN H., Assistant Professor of Psychiatry (Medicine), one year from September 1, 1961, $14,000 (8-12-61).

GREENFIELD, GEORGE B., Clinical Instructor in Radiology (Medicine), ½ time, one year from September 1, 1961, $2,760, supersedes (8-30-61).

GRUBB, EUGENE L., Research Associate in Chemistry, one year from September 1, 1961, $5,850 (8-11-61).

GUROFF, JACOB, Associate Professor of Hydraulic Engineering (Civil Engineering) (S), one month from August 1, 1961, $1,000; this is in addition to his present appointment (8-3-61).

GUROFF, CAROL S., Instructor in English (Chicago Undergraduate Division), ¼ time, September 16, 1961-January 31, 1962, to render service during the first semester of the academic year, $625 (8-12-61).

HAGEN, FRANK A., Visiting Lecturer in Chemistry, academic year beginning September 1, 1961, $8,000 (8-16-61).

HAMILTON, WILLIAM A., Research Associate in Chemistry, one year from September 1, 1961, $5,800 (8-11-61).

HAASE, GERHARD H., Clinical Instructor in Medicine (Medicine), ¼ time, August 30, 1961-June 30, 1962, $1,800 a year, supersedes (8-12-61).

HAIR, BENJAMIN M., Assistant Professor of Preventive Medicine (Medicine), ¾ time, ten months from September 1, 1961, $12,800 a year (8-12-61).

HALL, ROBERT N., Instructor in Speech and Theatre, academic year beginning September 1, 1961, $6,000 (8-29-61).

HANSCOM, DONALD H., Clinical Instructor in Medicine (Medicine), ¼ time, July 1, 1961-August 31, 1962, $1,800 a year (8-12-61).

HARVEY, JOHN G., Instructor in Mathematics, academic year beginning September 1, 1961, $7,000 (8-15-61).

HAYASHI, JAMES A., Assistant Professor of Biological Chemistry (Medicine), one year from September 1, 1961, without salary (8-30-61).
HELWIG, FLOY C., Clinical Instructor in Pediatrics (Medicine), 1/2 time, one year from September 1, 1961, $3,900 (8-12-61).

HEMBROUGH, BETTY L., Assistant to the Dean of Women, 1/2 time, ten months from September 1, 1961, $2,000 (7-24-61).

HERMAN, MYRE G., Visiting Lecturer in Education, nine months from September 16, 1961, $7,500 (8-12-61).

HEWITT, PETER H., Research Assistant in Entomology, three months from June 1, 1962, $445 a month (8-16-61).

HICHENS, MARTIN, Research Associate in Chemistry, one year from September 1, 1961, $6,500 (8-18-61).

HIGHTON, CLAYTON D., Assistant in English, nine months from September 16, 1961, $4,400 (8-14-61).

HILL, ROBERTA E., Research Associate in Animal Science (S), February 1-August 31, 1962, $500 a month (8-12-61).

HINDHEDE, UFPE, Instructor in General Engineering (C), academic year beginning September 1, 1961, $6,000 (7-24-61).

HOGAN, JAMES J., Instructor in Electrical Engineering (C), 1/2 time, academic year beginning September 1, 1961, $2,450 (8-18-61).

HOOGENBOOM, BERNARD E., Research Associate in Chemistry, one year from September 1, 1961, $6,500 (7-24-61).

HOOVER, ALICE M., Chemistry Library Assistant in the Library, with rank of Instructor, September 11, 1961-August 31, 1962, $5,850 a year (8-23-61).

HUBBARD, JOHN H., Jr., Assistant in Neurology and Neurological Surgery (Medicine), one year from January 1, 1962, without salary (8-12-61).

HUGGINS, LARRY F., Assistant in Agricultural Engineering (S), July 1, 1961-January 31, 1962, $455.56 a month (8-9-61).

HUNT, MARIANNE, Assistant in English (Chicago Undergraduate Division), September 16, 1961-January 31, 1962, $2,200 (8-10-61).

IFRAM, ADNAN F., Research Assistant in Mathematics, one month from August 16, 1961, $425 (8-23-61).

ITÔ, YUH, Instructor in Mathematics, academic year beginning September 1, 1961, $6,500 (8-15-61).

JAGER, VIRGINIA, Research Assistant in Chemistry, one year from September 1, 1961, $4,900 (8-11-61).

JAIN, MRS. GENEVIEVE, Assistant in French, nine months from September 16, 1961, $4,000 (8-14-61).

JONKOWSKI, TADEUSZ, Instructor in Architecture, academic year beginning September 1, 1961, $7,500 (8-12-61).

JENKINS, H. DAVID, Instructor in Business Administration, 1/2 time, one month from August 1, 1961, $260; one year from September 1, 1961, 1/2 time during Semester I and Semester II, and full time during the summer, 1962, $3,900 (8-18-61).

JENNE, WILLIAM C., Research Associate in the Institute for Research on Exceptional Children, one year from September 1, 1961, $8,000 (8-12-61).

JENSEN, ANNELIS S., Instructor in Physical Education for Women, second semester of the academic year, beginning February 1, 1962, $3,050 (7-24-61).

JERRARD, RICHARD P., Research Assistant Professor of Mathematics, two months from July 1, 1961, $945 a month; this is in addition to his present appointment (8-1-61).

JOHNSON, A. BEAUMONT, II, Clinical Associate in Neurological Surgery (Medicine), 1/2 time, one year from September 1, 1961, $1,800 (8-23-61).

JOHNSON, BETTY H., Assistant in Chemistry, nine months from September 16, 1961, $4,000 (8-11-61).

JOHNSON, MRS. RUTH P., Instructor in Architecture, academic year beginning September 1, 1961, $5,000 (8-11-61).

KAISER, GERTRUDE E., Assistant Leader of Extension Education and Training, and Associate Professor of Agricultural Extension (E), indefinite tenure, one month from August 1, 1961, $9,500 a year; and beginning September 1, 1961, $9,700 a year (8-16-61).
KELSEY, PATRICIA A., Assistant in Occupational Therapy (Medicine), July 1, 1961-August 31, 1962, $5,900 a year (8-10-61).

KEMPTON, JOHN M., Assistant in Psychology (Division of General Studies), September 16, 1961-January 31, 1962, $477.77 a month (8-12-61).

KENISTON, HELEN E., Resident Assistant, Pine Hall, ten months from September 1, 1961, $1,600; for the convenience of the University she will also receive an apartment and meals while the dining rooms are open (8-16-61).

KERNAN, DOLORES L., Assistant in English (Chicago Undergraduate Division), September 16, 1961-January 31, 1962, $2,250 (8-12-61).

KIERCH, THEODORE A., Associate Professor of Hygiene and Chairman of the Mental Health Division (Health Service), August 7-31, 1961, $1,333.33 a month (8-12-61).

KING, MRS. COLLENE B., Instructor in Home Economics (C), academic year beginning September 1, 1961, $5,600 (8-18-61).

KING, NIKOLAI, Research Associate in Food Technology (S), six months from February 1, 1962, $3,500 (8-12-61).

KISTNER, ARTHUR L., Assistant in English, nine months from September 16, 1961, $4,200 (8-12-61).

KNIGHT, WANDA J., Instructor in Home Economics (C), academic year beginning September 1, 1961, $5,000 (8-18-61).

KOORAJIAN, SAMUEL, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1961, $4,900 (8-30-61).

KOLZOWSKI, HELEN S., Psychometrist in the Student Counseling Service (Chicago Undergraduate Division), one year from September 1, 1961, $5,000 (8-12-61).

KREIER, JULIUS P., Instructor in Veterinary Pathology and Hygiene (Veterinary Medicine), one year from September 1, 1961, $6,300 (9-1-61).

LABZARS, SYLVIA A., Research Assistant in Medicine (Medicine), one year from September 1, 1961, $4,900 (8-30-61).

LACROIX, YVES, Assistant Professor of Civil Engineering (C), academic year beginning September 1, 1961, $6,500 (8-23-61).

LABUSE, HARRY G., Instructor in Electrical Engineering (C), ¾ time, academic year beginning September 1, 1961, $3,900 (8-12-61).

LANYON, H. PETER D., Visiting Research Associate in Electrical Engineering (S), one year from September 1, 1961, $7,200 (8-12-61).

LA VELLE, FAITH W., Research Associate in Anatomy (Medicine), ½ time, academic year from September 1, 1961, $3,200 (9-1-61).

LAWSON, JOAN C., Instructor in English (Chicago Undergraduate Division), September 16, 1961-January 31, 1962, to render service during the first semester of the academic year, $2,500 (8-10-61).

LEBOVITS, BINYAMIN, Research Associate in Psychiatry (Medicine), ½ time, August 1, 1961-August 31, 1962, $1,900 (8-16-61).

LE GALL, JEAN, Research Associate in Chemistry, one year from September 1, 1961, $5,850 (8-18-61).

LEVINGS, CHARLES S., III, Assistant in Plant Breeding (Agronomy) (C and S), one year from September 1, 1961, $5,400 (8-18-61).

LEWIS, ERNEST, Instructor in Audiology (Medicine), one year from September 1, 1961, $7,000 (8-30-61).

LINDELL, PHILIP W., Acting Binding Librarian, with rank of Assistant, October 11, 1961-August 31, 1962, $6,400 a year, supersedes the rank of Assistant, Pine Hall, ten months from September 1, 1961, $1,600; for the convenience of the University she will also receive an apartment and meals while the dining rooms are open (8-16-61).

LOFTISS, EUGENE W., Assistant in Speech and Theatre, nine months from September 16, 1961, $4,000 (8-15-61).

LUTON, CAROL W., Research Assistant in Microbiology, one year from September 1, 1961, $5,000 (8-15-61).

LUTZ, RICHARD W., Research Assistant in the State Natural History Survey, one year from September 1, 1961, $5,800 (8-16-61).

MADISON, JAMES M., Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1961, $5,800 (8-30-61).

Majorkowicz, Roger L., Instructor in Art, academic year beginning September 1, 1961, $5,500 (8-11-61).
MARTIN, DAVID M., Assistant in English, nine months from September 16, 1961, $4,000 (8-14-61).

MARTIN, RICHARD T., Assistant in English, nine months from September 16, 1961, $4,200 (8-16-61).

MARTIN, ROBERT L., Assistant in Veterinary Pathology and Hygiene (Veterinary Medicine), September 16, 1961-August 31, 1962, $4,900 a year (8-24-61).

MARTZ, HOWARD D., Instructor in Journalism, 1/2 time, academic year beginning September 1, 1961, $2,950 (7-24-61).

MASSERMAN, CHRISTINE M., Assistant Director of Research in Medical Education (Medicine), 7/10 time, nine months from September 16, 1961, $7,000 (8-12-61).

MAY, WILLIAM H., Research Assistant in the Institute of Communications Research, one year from September 1, 1961, $4,900 (7-24-61).

McCABE, NANCIE M., Assistant in Home Economics (S), September 15, 1961-August 31, 1962, $5,900 a year (8-18-61).

McCULLOH, LEON R., Instructor in Mathematics, academic year beginning September 1, 1961, $7,500 (8-14-61).

McHALE, MARILYN M., Instructor in Audiology (Medicine), one year from September 1, 1961, $7,000 (8-30-61).

MCCABE, NANCIE M., Assistant in Home Economics (S), September 15, 1961-August 31, 1962, $5,900 a year (8-18-61).

MCCINNON, DARWIN G., Assistant in English, nine months from September 16, 1961, $4,200 (8-12-61).

McNABB, WILLIAM J., Clinical Instructor in Surgery (Medicine), without salary, and Instructor in Oral and Maxillofacial Surgery (Dentistry), 1/2 time, one year from September 1, 1961, $3,900, supersedes (8-18-61).

MELAMED, MYRON, Clinical Associate Professor of Radiology (Medicine), 1/2 time, indefinite tenure from September 1, 1961, $3,000 a year, supersedes (9-5-61).

METZGER, MICHAEL M., Instructor in German, academic year beginning September 1, 1961, $6,000 (8-14-61).

MEUWESE, WILHELMUS A., Assistant in Psychology, 1/2 time, and Research Assistant in Psychology, 1/4 time, nine months from September 16, 1961, $4,000 (8-17-61).

MICHEL, Gerd A. W., Research Associate in Chemistry, five months from September 1, 1961, $500 a month, supersedes (8-11-61).

MIKIYAMA, KOICHI, Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1961, $4,200 (8-11-61).

MILLER, EDWARD L., Assistant in Radiology (Medicine), one year from September 1, 1961, without salary (7-31-61).

MILLER, ROBERT L., Instructor in Chemistry, 1/4 time, and Assistant to the Dean, Liberal Arts and Sciences, 1/4 time (Chicago Undergraduate Division), academic year beginning September 1, 1961, $6,800 (8-12-61).

MIRON, MURRAY S., Research Assistant Professor in the Institute of Communications Research, 1/4 time, $3,000 a year; and Assistant Professor of Psychology, 1/4 time, $2,500 a year, two years from September 1, 1961, to render service during each academic year (8-15-61).

MITCHELL, JUNE D., Head Resident, Lincoln Avenue Residence (South), ten months from September 1, 1961, $4,700; for the convenience of the University she will also receive room and meals while the dining rooms are in operation (8-16-61).

MOLE, PAUL A., Assistant in Physical Education for Men, September 16, 1961-August 31, 1962, $5,000 a year (8-16-61).

MONTGOMERY, JERALD G., Research Associate in the State Natural History Survey, one year from September 1, 1961, $5,880 (8-11-61).

MOORE, WALTER S., Research Professor of Radiology and Radiation Physicist (Medicine), indefinite tenure from September 1, 1961, $14,400 a year, supersedes (9-5-61).

MORELLO, MARY R., Assistant to the Director of the Office of Foreign Student Affairs, July 24-August 31, 1961, $6,500 a year (8-12-61).

MORGAN, THOMAS T., Assistant in Education (University High School), nine months from September 16, 1961, $5,300 (8-12-61).

MORRIS, CHARLES, Research Associate in Education (University High School), 1/4 time, academic year beginning September 1, 1961, $4,350 (8-29-61).
MUELLER, THOMAS J., Assistant Professor of Mechanical Engineering (C), academic year beginning September 1, 1961, $8,100 (8-24-61).

MUNRO, HUGH P., Assistant in Speech and Theatre, 1/2 time, and Research Assistant in Speech and Theatre, 1/2 time, nine months from September 16, 1961, $4,000 (8-18-61).

MURTHA, JOSEPH P., Assistant Professor of Civil Engineering (C and S), two years from September 1, 1961, to render service during each academic year, $8,000 a year, supersedes (8-12-61).

MUSLIN, HYMAN L., Instructor in Psychiatry (Medicine), 1/2 time, one year from September 1, 1961, $5,850 (8-10-61).

NAKAMURA, MARIE, Research Assistant in Microbiology, June 1, 1961-August 31, 1962, $4,900 a year (8-12-61).

NAKANISHI, MASAKI, Research Associate in Chemistry, five months from September 1, 1961, $500 a month (7-31-61).

NAKAZAWA, YASUO, Research Associate in Chemistry, one year from September 1, 1961, $6,300 (8-12-61).

NATUSCH, LOIS E., Instructor in Medical Social Work (Medicine), one year from September 1, 1961, $6,000 (8-12-61).

NEUANN, MRS. LORENA, Assistant Editor in Agricultural Administration, with rank of Instructor (E), 1/2 time, one year from September 1, 1961, $3,250 (8-24-61).

NICOLS, BRYAN W., Research Associate in Chemistry, one month from September 1, 1961, $483.34 (8-10-61).

NIAILIANAS, HARILAOS A., Research Associate in Food Technology (S), one year from September 1, 1961, $5,850 (8-10-61).

OLSON, GLADYS L., Assistant in Radiology (Medicine), one year from September 1, 1961, without salary (8-30-61).

ONANIAN, EDWARD D., Research Associate in the Bureau of Economic and Business Research, 3/4 time, one year from September 1, 1961, $4,900 (8-29-61).

ORNE, DAVID, Instructor in Theoretical and Applied Mechanics (C), 1/2 time, academic year beginning September 1, 1961, $2,800 (8-18-61).

OSS, JAMES B., Instructor in Geology (Chicago Undergraduate Division), academic year beginning September 1, 1961, $4,800 (8-12-61).

PAK, JINGYAL, Assistant in Mathematics, nine months from September 16, 1961, $4,000 (8-15-61).

PANTONE, ANTON M., Clinical Associate Professor of Radiology (Medicine), 1/2 time, indefinite tenure from September 1, 1961, $3,000 a year, supersedes (9-5-61).

PAOLILLO, DOMINICK J., Jr., Instructor in Botany, academic year beginning September 1, 1961, $6,000 (8-4-61).

PARKH, HARRY, Research Associate in Speech and Theatre, 85/100 time, June 16, 1961-June 15, 1962, $5,000 a year, supersedes (8-12-61).

PATTERSON, MURRAY N., Research Assistant in Mechanical Engineering (C), one year from September 1, 1961, $5,500, supersedes (7-24-61).

PAULY, THEODORE J., Instructor in Dentistry (Dentistry), 1/2 time, one year from September 1, 1961, $1,500 (8-12-61).

PEEK, LEVIN J., Jr., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1961, $5,500 (8-16-61).

PELLA, FRANCIS X., Associate Professor of Fixed Partial Prosthodontics (Dentistry), 1/2 time, indefinite tenure from September 1, 1961, $5,000 a year (8-12-61).

PENNEL, CHARLES A., Assistant in English, nine months from September 16, 1961, $4,000 (8-14-61).

PENNELL, WILLIAM D., Editorial Assistant in the College of Engineering, August 16-31, 1961, $2,222.22 (9-1-61).

PEPPER, ECHO D., Associate Professor of Mathematics, indefinite tenure from September 1, 1961, to render service during each academic year, $9,000 a year, supersedes (8-23-61).

PERESSINI, ANTHONY L., Instructor in Mathematics, academic year beginning September 1, 1961, $7,700 (8-15-61).

PETTERSON, DONALD R., Associate Professor of Psychology, indefinite tenure from September 1, 1961, to render service during each academic year, $10,500 a year, supersedes (8-23-61).
PETERSON, RUTH F., Visiting Lecturer in Summer Session Youth Music, June 17- July 22, 1961, $586 for the period; for the convenience of the University she will also receive room and board in camp facilities; supersedes previous Summer Session appointment (8-2-61).

PHILLIPS, WILLIAM D., Assistant Professor in the Institute for Research on Exceptional Children, 57/100 time, and of Education, 43/100 time, academic year beginning September 1, 1961, $7,800, supersedes (9-1-61).

PIGAGE, LEO C, Professor of Mechanical Engineering (C), July 16-31, 1961, $555.55; this is in addition to his present appointment (8-10-61).

PINKERTON, MARY, Research Assistant in Chemistry, two months from July 1, 1961, $466.66 a month (8-11-61).

PLAGGE, JAMES C, Professor of Anatomy (Medicine), July 16-August 31, 1961, $1,106.66 a month, supersedes (8-10-61).

PLATT, GEORGE M., Research Associate in the Institute of Government and Public Affairs, six months from August 1, 1961, $900 a month (8-1-61).

POLLOCK, MICHAEL L., Assistant in Physical Education for Men, nine months from September 16, 1961, $5,000 (8-16-61).

POTEMPA, SYLVESTER, Instructor in Chemistry (Chicago Undergraduate Division), 1/2 time, academic year beginning September 1, 1961, $2,900 (8-10-61).

POTTLE, MARCIA S., Research Assistant in Chemistry, July 1, 1961-June 30, 1962, $408.33 a month (8-16-61).

PRUZANSKY, SAMUEL, Professor of Dentistry (Dentistry), 20/100 time, indefinite tenure, and Associate Director and Orthodontist in the Cleft Palate Training Center, 66/100 time, two years from September 1, 1961, $12,040 a year, supersedes (9-5-61).

PULLIAM, WILLIAM E., Assistant in Education (University High School), nine months from September 16, 1961, $5,000 (8-24-61).

PURCELL, FRANCIS P., Consultant in the Jane Addams Graduate School of Social Work, with rank of Associate Professor, one year from September 1, 1961, $10,750, supersedes (8-18-61).

RACKIN, DONALD, Assistant in English, nine months from September 16, 1961, $4,400 (8-14-61).

RAMALINGAM, S., Instructor in Industrial Engineering (C), academic year beginning September 1, 1961, $6,500 (8-11-61).

RAMSAY, GEORGE C., Instructor in Art, academic year beginning September 1, 1961, $5,500 (8-11-61).

RAND, OLAN A., JR., Instructor in Art, nine months from September 16, 1961, $7,000 (8-11-61).

RANGA Rao, R., Instructor in Mathematics, academic year beginning September 1, 1961, $6,000 (8-15-61).

REBE, CAROL, Instructor in County Home Extension (E), August 1, 1961-August 31, 1962, $8,300 a year (8-16-61).

REED, MARY, Assistant in English (Chicago Undergraduate Division), September 16, 1961-January 31, 1962, $2,200 (8-30-61).

REID, ERNEST A., Professor of Electrical Engineering, 1/2 time, academic year beginning September 1, 1961, $4,500 (8-29-61).

REMEC, MATTHEW J., Instructor in Electrical Engineering (C), 1/2 time, academic year beginning September 1, 1961, $2,500 (8-12-61).

RETTER, ELIZABETH L., Resident Assistant, Clark House, ten months from September 1, 1961, $1,600; for the convenience of the University she will receive an apartment and meals while dining rooms are open (8-31-61).

RIBENBOIM, PAULO, Visiting Associate Professor of Mathematics, academic year beginning September 1, 1961, $8,000 (8-21-61).

RICKS, VICTOR E., Research Associate in Dental Education (Dentistry), 1/10 time, one year from September 1, 1961, $1,000; this is in addition to his appointment as Professor of Education (Chicago Undergraduate Division) (8-30-61).

RIFE, HAROLD E., Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1961, $6,200 (8-14-61).

RIGGS, ROBERT M., Assistant in French, nine months from September 16, 1961, $4,800 (8-14-61).

RIVENBARK, WILLIAM L., Research Associate in Plant Physiology (Agronomy) (S), one year from September 1, 1961, $6,000 (8-18-61).

ROBERG, NORMAN B., Professor of Medicine (Medicine), July 16-September 9, 1961, $1,562.50 a month, supersedes (8-10-61).
ROBINET, McLouis J., Instructor in Physics (Pharmacy), academic year beginning September 1, 1961, $5,300 (8-30-61).

ROBINSON, Wilfred K., Assistant in the Institute of Aviation, nine months from September 16, 1961, $4,725 (8-16-61).

RODDA, Errol D., Research Associate in Agricultural Engineering (C and S), ½ time, one year from September 1, 1961, $5,100, supersedes (8-31-61).

ROSS, Donald A., Instructor in Psychology (Medicine), ½ time, one year from September 1, 1961, $3,600 (8-12-61).

ROTHMAN, Joseph J., Assistant Professor of Mathematics, two years from September 1, 1961, to render service during each academic year, $8,000 a year (8-15-61).

ROVER, Karen R., Assistant in Chemistry (Pharmacy), nine months from September 16, 1961, $4,000 (8-30-61).

RUSSELL, Charles K., Research Associate in Ceramic Engineering (S), one year from September 1, 1961, $9,000 (8-18-61).

SASAGO, Kenji, Research Associate in Food Technology (S), one year from September 1, 1961, $5,850 (7-24-61).

SASTRY, Pappu V., Research Associate in Physics (C), eleven months from October 1, 1961, $7,500 a year (8-12-61).

SCHORN, Ronald A., Assistant Professor of Civil Engineering (C), two years from September 1, 1961, $8,100 a year, supersedes (8-12-61).

SHAFER, Louis R., Assistant Professor of Civil Engineering (C), two years from September 1, 1961, to render service during each academic year, $8,100 a year, supersedes (8-12-61).

SILLARS, Malcolm O., Jr., Visiting Research Associate in Speech and Theatre, nine months from September 16, 1961, $5,300 (8-25-61).

SMITH, George H., Jr., Instructor in Sociology (Chicago Undergraduate Division), ½ time, academic year beginning September 1, 1961, $3,350 (8-10-61).

SMITH, Julius, Instructor in Mathematics, academic year beginning September 1, 1961, $6,800 (8-15-61).

SMITH, Walter L., Research Assistant in the Office of Instructional Research (Office of Executive Vice-President and Provost), nine months from September 16, 1961, $3,730 (8-17-61).

SPENCER, Jobe, Research Assistant in Botany, one year from September 1, 1961, $4,900 (8-23-61).

STEWART, Edward B., Instructor in Oral and Maxillofacial Surgery (Dentistry), ½ time, one year from September 1, 1961, $3,350, supersedes (8-18-61).
STOESSEL, Marcelle, Visiting Instructor in Physical Education for Women, first semester of the academic year, beginning September 1, 1961, $3,000 (7-24-61).

STOTTLAR, CARLIE B., Assistant in English (Chicago Undergraduate Division), September 1- January 31, 1962, $2,100 (8-10-61).

SUWOSKI, Ernest J., Assistant in Physiology (Medicine), nine months from September 16, 1961, $5,100 (8-10-61).

SUKESH, KUPPAHALI S., Research Associate in Chemistry (Pharmacy), one year from September 1, 1961, $6,000 (8-30-61).

SWANSON, Frederick J., Visiting Lecturer in Summer Session Youth Music, June 18-July 1, 1961, $250 for the period (7-31-61).

TEXTOR, CHARLES S., II, Clinical Assistant Professor of Neurology and Neurological Surgery (Medicine), 1/10 time, one year from September 1, 1961, $1,200 (8-23-61).

THOITS, CHARLES F., III, Research Associate in the State Natural History Survey, one year from September 1, 1961, $6,240 (8-11-61).

THOMAS, MARY R., Instructor in Social Work, academic year beginning September 1, 1961, $6,800 (8-24-61).

THORNTON, HUBERT R., Research Associate in Ceramic Engineering (S), 1/4 time, one year from September 1, 1961, $5,550, supersedes (8-16-61).

TOWNSEND, KENNETH M., Research Associate in the Electron Microscope Laboratory, one year from September 1, 1961, $7,000 (8-16-61).

TRIANDIS, LEIGH M., Assistant Professor of Psychology, two years from September 1, 1961, $8,000 a year (8-15-61).

TSUJIOKA, BHN, Research Associate in Psychology, 1/2 time, one year from September 1, 1961, $3,000 (8-16-61).

TUCKER, PATRICIA A., Instructor in Mathematics, academic year beginning September 1, 1961, $6,500 (8-15-61).

TUNNELL, CURTIS D., Research Assistant in Anthropology, two months from July 1, 1961, $500 a month; and one year from September 1, 1961, $6,000 (8-24-61).

TURNER, FRED A., Instructor in Chemistry (Pharmacy), academic year beginning September 1, 1961, $5,000 (8-30-61).

TWEEDY, BILLY G., Assistant in Plant Pathology (S), July 15-August 31, 1961, $400 a month, supersedes (7-31-61).

UPPER, CHRISTEN D., Research Assistant in Chemistry, one month from August 16, 1961, $422.50 (8-10-61).

VARZANDEH, MASSOUD, Research Assistant in Economic Entomology, one year from September 1, 1961, $5,000 (8-11-61).

VAUGHAN, HERBERT E., Professor of Mathematics, academic year beginning September 1, 1961, $12,500; and indefinite tenure from September 1, 1962, to render service during each academic year, $9,500 a year, supersedes (8-16-61).

VENABLES, JOHN A., Research Associate in Physics (C), beginning November 26, 1961, and continuing through August 31, 1962, $7,200 a year (7-24-61).

VICKERY, ROBERT S., Research Associate in the Radiocarbon Laboratory, July 16-August 31, 1961, $500 a month; and one year from September 1, 1961, $6,000 (8-16-61).

VOGEL, WADE W., Assistant in the Institute of Aviation, nine months from September 16, 1961, $4,275 (8-17-61).

VORBECK, JOSEPH F., Assistant in the Institute of Aviation, nine months from September 16, 1961, $4,635 (8-16-61).

WARE, EDWARD E., Research Assistant Professor in the Institute of Communications Research, nine months from September 1, 1961, $7,500 (7-24-61).

WAX, ARNOLD, Instructor in Prosthodontics (Dentistry), 2/3 time, one year from September 1, 1961, $2,800 (8-12-61).

WENNINGER, EUGENE P., Research Assistant in Sociology, June 16-August 31, 1961, $422.22 a month (8-16-61).

WETZEL, JOHN E., Instructor in Mathematics, academic year beginning September 1, 1961, $6,500 (8-15-61).

WILDE, LAWRENCE P., Assistant in Pedology (Agronomy) (S), September 1-15, 1961, $227.78 (8-22-61).

WILE, L. JANE, Consultant in Social Work, with rank of Associate Professor, two years from September 1, 1961, $11,200 a year, supersedes (8-18-61).
WILLIAMS, RAYMOND E., Assistant Professor of Education and Assistant Dean of the College of Education, ½ time, and Head of Counseling Services, University Council on Teacher Education, ½ time, two years from September 1, 1961, $10,000 a year, supersedes (8-12-61).

WILLIAMS, VICTOR T., Research Assistant in Economic Entomology, nine months from September 1, 1961, ½ time, $2,400 a year, and three months from June 1, 1962, full time, $4,800 a year (8-16-61).

WILSON, JEAN G., Research Assistant in Agricultural Entomology (S), one year from September 1, 1961, $5,000 (8-10-61).

WOLFE, MARTIN S., Research Associate in Education (University High School), ½ time, academic year beginning September 1, 1961, $2,900 (8-29-61).

WOLFSON, NANCY, Research Associate in Botany, one year from October 1, 1961, $5,850 (9-1-61).

WOLFSON, NANCY, Research Associate in Food Technology (S), one year from October 1, 1961, $5,850 (8-12-61).

YAMAUCHI, KUNIO, Research Associate in Food Technology (S), one year from September 1, 1961, $5,850, supersedes (7-24-61).

YAPP, WILLIAM W., Professor of Dairy Science (C and S), ½ time, six months from September 1, 1961, $388 a month (8-12-61).

YOSHIKAWA, HIROSHI, Research Associate in Microbiology, three months from July 1, 1961, $541.66 a month; and nine months from October 1, 1961, $6,500 a year (8-15-61).

YOUNG, KAREN Y., Catalog Assistant in the Library, September 15, 1961-August 31, 1962, $5,500 a year (7-24-61).

YOUNG, PAUL T., Professor of Psychology, ½ time, one year from September 1, 1961, $6,360 (8-21-61).

YUSKEN, JOHN W., Research Associate in Radiology (Medicine), one year from September 1, 1961, $7,600 (8-12-61).

GRADUATE FELLOWS

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

ADKINS, RICHARD W., Engineering Faculty Development Teaching Fellow in Mechanical Engineering, one year from September 16, 1961, $1,750, supersedes (8-7-61).

ANDREWS, JAMES H., Fellow (Intern) in Government and Public Affairs, nine months from September 16, 1961, $2,025 (7-19-61).

ATWOOD, GERALD F., United States Public Health Service Fellow (Trainee) in Endocrinology and Metabolism (Chicago Professional Colleges), July 1-September 15, 1961, $600 (7-11-61).

BAKAN, MRS. ESTHER, National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, $1,800 (8-17-61).

BALTER, ALAN L., Alpha Sigma Alpha Fellow in Education, nine months from September 16, 1961, $1,000 (8-22-61).

BARR, MARY R., Office of Vocational Rehabilitation Fellow (Trainee) in Social Work, nine months from September 16, 1961, $1,800 (8-17-61).

BAUTZ, EKKEHARD K., United States Public Health Service Fellow (Trainee) in Chemistry, two months from August 1, 1961, $835 (8-3-61).

BEAMAN, DONALD R., Inland Steel-Ryerson Foundation Fellow in Metallurgy, nine months from September 16, 1961, $2,400 (7-24-61).

BERG, CHARLES R., United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), one year from September 1, 1961, $6,000 (8-4-61).

BEUKEMA, RUTH, United States Public Health Service Fellow (Trainee) in Education (School Psychology), nine months from September 1, 1961, $2,400 (7-26-61).

BISWAS, MRS. CHITRA, United States Public Health Service Fellow (Trainee) in Animal Science, one year from September 1, 1961, $2,400 (7-25-61).

BLAZEK, WILLIAM V., United States Public Health Service Fellow (Special) in Medicine (Chicago Professional Colleges), one year from July 1, 1961, stipend to be paid by the United States Public Health Service (8-9-61).

BOCKMAN, DALE E., United States Public Health Service Fellow (Trainee) in Anatomy, one year from September 1, 1961, $4,000 (8-4-61).
BRITTAIN, THOMAS M., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1961, $2,600, supersedes (8-1-61).

BURNETT, MRS. MARILOU, National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, $1,800 (8-25-61).

CURTIS, RICHARD, Office of Vocational Rehabilitation Fellow (Trainee) in Education, nine months from September 16, 1961, $1,800 (8-22-61).

DEAL, RALPH M., National Institute of Health Postdoctoral Fellow (Trainee) in Chemistry, one year from September 1, 1961, $6,300 (8-11-61).

DEMARCO, WILLIAM, United States Public Health Fellow (Trainee) in Psychology, nine months from September 16, 1961, $2,400 (8-4-61).

DOROSZ, LEON C, United States Public Health Fellow (Trainee) in Psychology, nine months from September 16, 1961, $2,000 (8-4-61).

DOWD, JOHN M., United States Public Health Service Fellow (Trainee) in Medicine (Infectious Diseases) (Chicago Professional Colleges), one year from July 1, 1961, $5,500 (7-17-61).

DYASI, HUBERT M., Fellow in Education, nine months from September 16, 1961, $1,500 (4-1-61).

DYSON, ROBERT D., United States Public Health Service Fellow (Trainee) in Chemistry, one year from September 1, 1961, $2,460 (7-14-61).

EISENBERG, SARA, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), one year from September 1, 1961, $2,300 (7-24-61).


ELWOOD, CHARLES M., United States Public Health Service Fellow (Special) in Arthritis and Metabolic Diseases (Chicago Professional Colleges), one year from July 1, 1961, stipend to be paid directly by the United States Public Health Service (7-25-61).

EYZAGUIRRE, JAIME, United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1961, $2,200 (7-14-61).

FARMER, MELVIN L., Teaching Fellow in Chemistry, nine months from September 16, 1961, $1,400, supersedes (8-2-61).

FERRER, JOSE L., Cancer Clinic Trainee (Tumor Clinic) (Chicago Professional Colleges), one year from July 1, 1961, $6,000 (8-4-61).

FIERER, MRS. MARTHA J. S., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, $1,800 (8-17-61).

FLEISCHMAN, IRA M., United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), one year from September 1, 1961, $6,000 (8-4-61).

FRANK, IRA M., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1961, $2,400 (8-14-61).

FREIDMAN, EUGENE F., National Institutes of Health Fellow (Trainee) in Chemistry, one year from September 1, 1961, $2,500 (7-13-61).

FU, PAUL S., Fellow in Law, nine months from September 16, 1961, $1,000 (8-14-61).

FUNK, MERLE W., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, $1,800 (8-17-61).

GENSKOW, JACK K., Office of Vocational Rehabilitation Fellow (Trainee) in Education, nine months from September 16, 1961, $1,800 (8-22-61).

GERSHOWITZ, BEATRICE, National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, $1,800 (8-25-61).

GLACOMONTI, DARIO, United States Public Health Fellow (Trainee) in Microbiology, one year from September 1, 1961, $2,667 (8-17-61).

GREEN, PATRICIA E., United States Public Health Fellow (Trainee) in Psychology, nine months from September 16, 1961, $2,000 (8-4-61).

GRUNDY, MRS. MARY, National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, $2,000 (8-17-61).

GUERR, PATRICK, United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1961, $2,200 (7-25-61).

HABBRIGHT, PATRICIA A., Office of Vocational Rehabilitation Fellow (Trainee) in Education, nine months from September 16, 1961, $1,800 (8-22-61).
Harpring, Linda, United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1961, $2,000 (7-25-61).

Havran, Robert T., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1961, $2,000 (7-25-61).

Hayashi, Masaki, Upjohn Company Fellow in Microbiology, nine months from September 16, 1961, $2,400 (7-24-61).

Hightower, Bernice, National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, $1,800 (8-17-61).

Hilt, Michael, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), two months from July 1, 1961, $120 (7-24-61).

Hosler, Charles F., Jr., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1961, $2,000 (7-25-61).

Hoy, Gail E., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, $2,000 (8-17-61).

Janado, Masanobu, United States Public Health Fellow (Trainee) in Food Technology, one year from September 1, 1961, $2,200 (8-4-61).

Karlowich, Robert A., Fellow in Soviet Studies, one month from June 16, 1961, $308; and five months from February 1, 1962, $1,800 (6-15-61).

Kenter, Colonel E. E., Fellow (Intern) in Government and Public Affairs, one year from September 1, 1961, $2,400 (7-28-61).

Klattenhoff, Mary L., Office of Vocational Rehabilitation Fellow (Trainee) in Education, nine months from September 16, 1961, $2,000 (8-22-61).

Koralis, Soter C., Du Pont Teaching Fellow in Chemistry, nine months from September 16, 1961, $1,200 (8-31-61).

Kosinski, C. Paul, United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), one year from September 1, 1961, $4,500 a year (5-11-61).

Kugler, Douglass, United States Public Health Service Fellow (Trainee) in Education (School Psychology), nine months from September 1, 1961, $2,000 (7-26-61).

McKenna, Diane C., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, $1,800 (8-17-61).

Medow, Jerry H., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, $2,000 (8-17-61).

Nador, Frank, United States Public Health Service Postdoctoral Fellow in Neurophysiology (Chicago Professional Colleges), June 1, 1961-August 31, 1962, stipend to be paid directly by the United States Public Health Service (7-25-61).

Nishida, Mrs. Hiro I., Lauterbach Memorial Fellow in Food Technology, nine months from September 1, 1961, $1,500 (8-1-61).

Nuese, Charles J., Alfred P. Sloan Foundation Faculty Development Fellow in Electrical Engineering, nine months from September 16, 1961, $2,400, superseded (7-31-61).

Olsinski, C. Paul, United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), one year from September 1, 1961, $4,500 a year (5-11-61).

Pugsley, James H., Paul V. Galvin Teaching Fellow in Electrical Engineering, nine months from September 16, 1961, $2,000 (7-24-61).

Rosenblate, Howard, United States Public Health Service Student Fellow in Psychiatry (Chicago Professional Colleges), two months from July 1, 1961, $120 (7-11-61).

Rotblat, Norman, United States Public Health Service Post-Sophomore Dental Research Fellow (Chicago Professional Colleges), one year from September 1, 1961, $3,200 (8-28-61).

Rudolph, Gregory C., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, $1,800 (8-17-61).

Schacht, Robert E., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, $1,800 (8-17-61).

Schlieter, Sylvia J., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, $1,800 (8-17-61).
SCHWARTZ, MRS. SUSAN S., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1961, $2,000 (7-25-61).

SEELY, OLIVER, JR., National Institutes of Health Teaching Fellow (Trainee) in Chemistry, nine months from September 16, 1961, $1,000 (7-13-61).

SHERMAN, CAROL L., National Institutes of Health Fellow (Trainee) in Chemistry, nine months from September 16, 1961, $2,000 (7-13-61).

SLOTNICK, MRS. LEE K., United States Public Health Fellow (Trainee) in Psychology, nine months from September 16, 1961, $3,000 (8-4-61).

SMOLEN, VICTOR F., University Fellow in the Chicago Professional Colleges, nine months from September 16, 1961, $1,500 (3-30-61).

STEWART, THOMAS B., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from September 1, 1961, $5,700 (8-9-61).

STRASSER, HELLMUT, Ford Postdoctoral Fellow in the Institute for Research on Exceptional Children, nine months from September 16, 1961, $5,000 (7-24-61).

SWIATEK, KENNETH R., United States Public Health Service Fellow (Trainee) in Biological Chemistry, ten months from September 1, 1961, $1,920 (8-4-61).

WALKER, R. L. E., Office of Vocational Rehabilitation Fellow (Trainee) in Education, nine months from September 16, 1961, $1,800 (8-22-61).

WILSON, VANNIE, JR., United States Public Health Service Fellow (Trainee) in Biological Chemistry (Chicago Professional Colleges), ten months from September 1, 1961, $1,920, supersedes (7-28-61).

YACKEL, ADOLPH, Office of Vocational Rehabilitation Fellow (Trainee) in Education, nine months from September 16, 1961, $1,800 (8-22-61).

YANKOFSKY, SAUL A., United States Public Health Fellow (Trainee) in Microbiology, nine months from September 16, 1961, $2,000 (8-17-61).

CANCELLATIONS, DECLINATIONS, AND RESIGNATIONS

APPLEGATE, SHELTON P., Assistant Professor of Biological Sciences (Chicago Undergraduate Division) — resignation effective September 1, 1961.

BALABEN, MARTIN, United States Public Health Service Postdoctoral Fellow in Psychiatry (Special) (Chicago Professional Colleges) — cancellation effective September 1, 1960.

BAUTZ, EKKEHARD K. F., National Institute of Health Postdoctoral Fellow (Trainee) in Chemistry — resignation effective September 1, 1961.

BREED, VIRGINIA A., Instructor in Audiology (Medicine) — resignation effective September 1, 1961.

CLARK, HERBERT J., Summer Fellow in Psychology — resignation effective August 1, 1961.

COLOWAN, FAYE M., Resident Assistant, Fourth Street Halls — declination effective September 1, 1961.

COX, RICHARD H., Research Associate in Psychiatry (Medicine) — declination effective September 1, 1961.

DE LA TORRE, LUIS, Assistant Professor of Zoology (Pharmacy) — declination effective September 1, 1961.

DE RIVERS, MRS. MERCEDES M., Research Associate in Microbiology — resignation effective October 1, 1961.

DUNBAR, JEAN M., Assistant Professor of Manufacturing Pharmacy (Pharmacy) — resignation effective September 1, 1961.


ENDERBY, CHARLES E., Assistant Professor of Electrical Engineering — resignation effective September 1, 1961.

FAHRNKOPF, MARY K., Instructor in Business Administration — declination effective September 1, 1961.
GILMORE, THOMAS B., JR., Assistant in English — declination effective September 16, 1961.

GILSON, MARY, Assistant in Occupational Therapy (Medicine) — declination effective September 1, 1961.

GLADISH, DAVID, Assistant in English — resignation effective September 16, 1961.

GOOD, RALPH E., Research Associate in Forestry — declination effective July 1, 1961.

GOODIN, GEORGE V., Assistant in English — resignation effective September 16, 1961.

Huang, Tseng, Assistant Professor of Civil Engineering — resignation effective September 1, 1961.

JERAS, MRS. VIVIAN K., Registered Pharmacist in Hospital Pharmacy (Pharmacy) — resignation effective September 1, 1961.

KIRSCHFELD, SIGRID I., Research Associate in Animal Science — declination effective September 1, 1961.


LEDET, DAVID A., Assistant Professor of Music — resignation effective September 1, 1961.

LEEVER, RICHARD S., Assistant in English — resignation effective September 16, 1961.

LEHY, CLARE C., JR., Research Assistant in Electrical Engineering — resignation effective September 1, 1961.

LEMON, LEE T., Assistant in English — resignation effective September 16, 1961.

LOOMIS, BARBARA, Instructor in Occupational Therapy (Medicine) — declination effective September 1, 1961.

LI, WEI-JUNE, Research Assistant in Horticulture — cancellation effective September 1, 1961.


MA, HSIAO J., Instructor in Electrical Engineering — resignation effective September 1, 1961.

MACINTYRE, JAMES M., Assistant in English — resignation effective September 16, 1961.

McCLURE, JAMES H., Associate Professor of Obstetrics and Gynecology (Medicine) — resignation effective October 1, 1961.

McGRATH, MRS. BARBARA, Assistant in Home Economics — resignation effective September 1, 1961.

MEAD, GEORGE C., Student Counselor in Commerce and Business Administration and Instructor in Accountancy — declination effective September 1, 1961.

MERTES, ROBERT A., Instructor in Mathematics (Chicago Undergraduate Division) — declination effective September 1, 1961.

MORROFF, GENE E., Assistant Editor in the Agricultural Experiment Station and in the Extension Service in Agriculture and Home Economics, with rank of Instructor — resignation effective September 1, 1961.

MORRILL, WALTER D., Binding Librarian in the Library, with rank of Instructor — resignation effective October 11, 1961.

NIELSON, PAUL E., Associate Professor of Psychiatry (Medicine) — declination effective September 1, 1961.


OTSUKA, EIZO, Research Associate in Physics — declination effective September 1, 1961.


PEASLEY, MELVIN L., Assistant in Plant Breeding (Agronomy) — resignation effective September 1, 1961.

PICKER, MARTIN, Instructor in Music — resignation effective September 1, 1961.

PLISKE, LEONA K., Instructor in Medical Social Work (Medicine) — resignation effective September 1, 1961.

PRINCE, WALTER F., Assistant in English — resignation effective September 16, 1961.

RAVLIN, JOY W., Psychiatrist and Assistant Professor of Hygiene, in the Health Service — resignation effective September 11, 1961.
RIDDLE, WILLIAM, Research Assistant in Preventive Medicine (Medicine) — resignation effective June 1, 1961.
RIEPPE, MRS. ELOISE, Instructor in Home Economics — resignation effective Sep­
tember 1, 1961.
ROTH, GUENTHER, Assistant Professor of Sociology — resignation effective Sep­
tember 1, 1961.
SCHAW, LOUIS C., Research Associate in Psychiatry (Medicine) — declination ef­
tective September 1, 1961.
SCHRODER, KLAUS, Research Assistant Professor of Metallurgical Engineering—
resignation effective September 1, 1961.
SCHWARTZ, WILLIAM, Associate Professor of Social Work — resignation effective
September 1, 1961.
SCRANTON, MARGARET J., Assistant Editor in Law, with rank of Assistant — resig­
nation effective September 1, 1961.
SHANNON, MRS. BARBARA M., Assistant in Home Economics — resignation effective
September 1, 1961.
SPRINGER, MELVIN J., Assistant in Physical Education for Men (Chicago Under­
graduate Division) — declination effective September 16, 1961.
THOMPSON, ROSEMARY B., Head Resident, Graduate Halls — declination effective
September 1, 1961.
THORNTON, EARL A., Instructor in Theoretical and Applied Mechanics — resigna­
tion effective September 1, 1961.
TOEPFER, RICHARD E., JR., Instructor in Electrical Engineering — resignation effec­
tive September 1, 1961.
WHITTIER, JOAN G., Instructor in Home Economics and Counselor in the Student
Counseling Service — resignation effective September 1, 1961.
ZAMIS, LENORE H., Assistant in Nursing — resignation effective September 1, 1961.

LEAVES OF ABSENCE

CSALLANY, MRS. AGNES, Research Associate in Animal Science, in the Agricultural
Experiment Station — leave of absence, without pay, from October 9 through
November 12, 1961.
DANIELS, RALPH, Associate Professor of Chemistry, in the College of Pharmacy —
leave of absence, with full pay from September 1, 1961, through February 28,
1962, and without pay from March 1 through August 31, 1962, instead of
leave on one-half pay for 1961-62.
GLISSENDORF, OWEN F., Assistant Editor in the Agricultural Experiment Station.
with rank of Assistant Professor of Agriculture — leave of absence, without
pay, for one year from August 21, 1961, so that he may accept an appointment
as International Cooperation Administration extension information adviser in
Brazil.
PABARCIUS, ALGIS, Assistant Professor of Engineering, in the Chicago Under­
graduate Division — leave of absence, without pay, for the academic year
1961-62, so that he may accept a National Science Foundation Fellowship.
PETERSON, LEWIS V., Producer-Supervisor of Television Motion Pictures, in the
College of Journalism and Communications — leave of absence, without pay.
for one year from September 1, 1961.
REEVE, FRANKLIN D., Associate Professor of Russian — leave of absence, without
pay, from September 1 through December 31, 1961.
REEVES, ELIZABETH J., Instructor in Veterinary Anatomy and Histology, in the
College of Veterinary Medicine — extension of disability leave of absence,
without pay, for one year from September 1, 1961, or for as much of that
time as may be necessary.
ROBINSON, I. B., Associate Professor of Oral and Maxillofacial Surgery, in the
College of Dentistry; and Clinical Associate Professor of Surgery, in the
College of Medicine — leave of absence, without pay, for one year from Sep­
tember 1, 1961.
STEPHEN, VICTOR R., Assistant Extension Editor in the Extension Service in
Agriculture and Home Economics, with rank of Assistant Professor — leave
of absence, without pay, from July 3 through August 7, 1961.
WESTMEYER, Paul, Assistant Professor of Education, in the University High School—extension of leave of absence, without pay, for the academic year 1961-62, so that he may continue working as director of the Chemical Bond Approach Project.

WILLIAMS, Sheldon W., Associate Professor of Agricultural Marketing (Agricultural Economics), in the Agricultural Experiment Station—leave of absence, without pay, from September 1, 1961, through March 31, 1962, so that he may take a short-term assignment as research director for the New York Governor's Committee on Milk Marketing.

CANCELLATION OF LEAVE OF ABSENCE

PROROK, Edward S., Assistant Professor of Orthodontics, in the College of Dentistry—leave of absence, without pay, for one year beginning September 1, 1961, cancelled without prejudice.

ANNUAL MEETING OF ASSOCIATION OF GOVERNING BOARDS

President Williamson announced that he has designated Mrs. Watkins as the official delegate of the Board of Trustees for the annual meeting of the Association of Governing Boards of State Universities and Allied Institutions to be held at the University of Nebraska, October 10 to 14, 1961.

On motion of Mr. Hughes, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President