The report was received and ordered placed on file.

The Assistant Treasurer submitted the following report:

Dr. Fred L. Adair, formerly on the staff of the University Clinic, under a document dated May 28, 1947, assigned to the University his reversionary interest in and to a trust created by him on January 19, 1917, for the benefit of his family. At the request of the First National Bank of Minneapolis, trustee of the trust, the University accepted the reversionary interest but the possibility of a reversion occurring is very remote.

The report was received and ordered placed on file.

The Assistant Treasurer presented the following communication:

It is recommended that the resolution adopted at the meeting of this Board on June 12, 1947, designating Helen F. Carter and Thaddeus A. Kula as alternates for the Comptroller in the certification or countersigning of checks on certain bank accounts of the University, be rescinded, and that the attached resolution, being a restrictive revision of the former, be adopted in substitution thereof.

It was moved and seconded to rescind the resolution adopted by this Board on June 12, 1947, designating Helen F. Carter and Thaddeus A. Kula as alternates for the Comptroller in the certification or countersigning of checks on certain bank accounts of the University, as recommended, and to adopt the following resolution:

RESOLVED that, effective as of June 12, 1947, Helen F. Carter and Thaddeus A. Kula be and they are hereby authorized to certify or countersign on behalf of the Comptroller, checks and warrants drawn on the following bank accounts of this corporation:

- General Account (#1) at the Continental Illinois National Bank and Trust Company of Chicago,
- Special Account (#2) at the First National Bank of Chicago,
- General Account (#6) at the Bankers Trust Company of New York,
- Special Account (#7) at the Bankers Trust Company of New York,
- General Account (#8) at the Northern Trust Company,
- Special Account (#9) at the Northern Trust Company,
- Special Account (#10) at the Harris Trust and Savings Bank.
The foregoing authorization shall remain in effect without limitation of time, subject to revocation by the Comptroller, or by the Board of Trustees, by the Chairman of the Board of Trustees, or by the Chairman of the Committee on Finance and Investment, such revocation to become effective upon the filing with the respective banking depositories of written notice thereof, duly certified by the Secretary of the Board of Trustees;

and, a vote having been taken, the motion was declared adopted.

The Assistant Treasurer presented the following communication:

At the request of the Business Manager it is recommended that the accompanying resolution be adopted. The authority granted by this Board on June 13, 1946, to J. A. O'Hearn to act in said capacity is being concurrently revoked.

It was moved and seconded to adopt the following resolution:

RESOLVED, that Joseph J. Gallagher be and he is hereby authorized as of this date to sign on behalf of the Business Manager checks and warrants drawn on bank accounts Numbers 30, 31, and 32 carried with the First National Bank of Chicago in the name and style of Argonne National Laboratory Operated by The University of Chicago.

The foregoing authorization shall remain in effect without limitation of time, subject to revocation by the Business Manager, or by the Board of Trustees, by the Chairman of the Board of Trustees, or by the Chairman of the Committee on Finance and Investment, such revocation to become effective upon the filing with the respective banking depositories of written notice thereof, duly certified by the Secretary of the Board of Trustees;

and, a vote having been taken, the motion was declared adopted.

Adjourned.

[Signature]

Secretary
The regular monthly meeting of the Board of Trustees was held in the Board Room of the University, 112 South Michigan Avenue, on Thursday, August 14, 1947, at 2 P.M.

There were present: Mr. Swift, in the chair, Messrs. Aldis, Axelson, Beaven, Bell, Brown, Goodnow, Harper, Hutchins, McConnell, McTear, Nuveen, Randall, Ryerson, Sitter, Stevenson, Sulzberger, Tenney, Wilson, and Zinnemann, also Messrs. Colwell, Daines, Hall, Harrall, Jenney, Munroe, and Woodward.

Prayer was offered by Mr. Nuveen.

The minutes of the meeting held July 10, 1947, were approved.

The Secretary of the Board presented minutes of the following meetings of standing committees, copies of the minutes having previously been sent to all members of the Board: Committee on Business Affairs, July 8, 1947, and July 29, 1947; Committee on Development, June 18, 1947, and July 16, 1947; Committee on Finance and Investment, August 5, 1947; and a joint meeting of the Committee on Budget and the Committee on Instruction and Research, held August 7, 1947.

It was moved and seconded to accept the minutes and to approve all actions recorded therein, and a vote having been taken, the motion was declared adopted.

The Secretary of the Board presented the following communication:

A list of candidates for degrees to be conferred at the Convocation to be held on August 29, 1947, is submitted herewith. It is recommended that the degrees be conferred upon the candidates named provided they conform to all conditions. A summary of the list is as follows:

<table>
<thead>
<tr>
<th>Degree</th>
<th>Candidate</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td></td>
</tr>
<tr>
<td>G</td>
<td></td>
</tr>
<tr>
<td>H</td>
<td></td>
</tr>
<tr>
<td>I</td>
<td></td>
</tr>
<tr>
<td>J</td>
<td></td>
</tr>
<tr>
<td>K</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td></td>
</tr>
<tr>
<td>M</td>
<td></td>
</tr>
<tr>
<td>N</td>
<td></td>
</tr>
<tr>
<td>O</td>
<td></td>
</tr>
<tr>
<td>P</td>
<td></td>
</tr>
<tr>
<td>Q</td>
<td></td>
</tr>
<tr>
<td>R</td>
<td></td>
</tr>
<tr>
<td>S</td>
<td></td>
</tr>
<tr>
<td>T</td>
<td></td>
</tr>
<tr>
<td>U</td>
<td></td>
</tr>
<tr>
<td>V</td>
<td></td>
</tr>
<tr>
<td>W</td>
<td></td>
</tr>
<tr>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>Z</td>
<td></td>
</tr>
<tr>
<td>College Bachelors</td>
<td>Masters</td>
</tr>
<tr>
<td>------------------</td>
<td>---------</td>
</tr>
<tr>
<td>Biological Sciences Division</td>
<td>31</td>
</tr>
<tr>
<td>Humanities Division</td>
<td>9</td>
</tr>
<tr>
<td>Physical Sciences Division</td>
<td>49</td>
</tr>
<tr>
<td>Social Sciences Division</td>
<td>12</td>
</tr>
<tr>
<td>School of Business</td>
<td>8</td>
</tr>
<tr>
<td>Law School</td>
<td>4</td>
</tr>
<tr>
<td>School of Business</td>
<td>113</td>
</tr>
<tr>
<td>Biological Sciences Division</td>
<td>26</td>
</tr>
<tr>
<td>Humanities Division</td>
<td>68</td>
</tr>
<tr>
<td>Physical Sciences Division</td>
<td>36</td>
</tr>
<tr>
<td>Social Sciences Division</td>
<td>124</td>
</tr>
<tr>
<td>Graduate Library School</td>
<td>6</td>
</tr>
<tr>
<td>Federated Theological Schools</td>
<td>8</td>
</tr>
<tr>
<td>School of Social Service Administration</td>
<td>22</td>
</tr>
<tr>
<td>Total Degrees</td>
<td>322</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ph.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Sciences Division</td>
</tr>
<tr>
<td>Humanities Division</td>
</tr>
<tr>
<td>Physical Sciences Division</td>
</tr>
<tr>
<td>Social Sciences Division</td>
</tr>
<tr>
<td>Federated Theological Schools</td>
</tr>
<tr>
<td>School of Social Service Administration</td>
</tr>
<tr>
<td>B.L.A.</td>
</tr>
<tr>
<td>M.B.A.</td>
</tr>
<tr>
<td>D.B.</td>
</tr>
<tr>
<td>Total Degrees</td>
</tr>
</tbody>
</table>

(The names appear in the Convocation program for August 29, 1947, and also in the official minutes of the Board of Trustees)
# Candidates for the Bachelor's Degree

## 1. In the College

### For the Degree of Bachelor of Arts:
- Lawrence Henry Fallon
- Gerald Seidmann
- Handel Grace
- Emile Levit

### For the Degree of Bachelor of Philosophy:
- John Edward Askin II
- Janice Betty Berman
- Barbara Allison Loeb
- Joseph Minsky
- William Jerome Piller
- Richard Ellis Richman
- Kirkbride Sattley

## 2. In the Division of the Biological Sciences

### For the Degree of Bachelor of Science:
- William Bertram Barish
- Carl Henry Hooker Baumann, Jr.
- Betty May Borchardt
- Ruth Fratcher Boswell
- Suzanne Marie Bryan
- George Vater Cable
- Shirl Osburn Evans, Jr.
- Irma B. Fricke
- Aaron Ganz
- Harry Jacob Jerison
- Arline Priscilla Johnson
- Harry Gardner Kroll
- Eugene Reed Later
- Cora Jane Lawrence
- Eugene Rogers Norwood
- Christine Louise Oglevee
- Jeanette Lavonne Polson
- Alvin Morton Revzin
- Jay Francis Ruzic
- Jesse Bedford Shelmire
- Elizabeth Anderson Skinsnes
- Charles James Steenbarger
- Randall Howard Travis
- Estelle Anne Yaksiboga
- Mollie Takeko Yasutake

## 3. In the Division of the Humanities

### For the Degree of Bachelor of Arts:
- Homer Beryl Goldberg
- Elaine Ruth Hackett
- Walter John Higgins, Jr.
- Lillian Chris Martin
- Vanita Milne Raju
- Clara Ethel Shepherd
- Patsy Richard Swimer
IV. IN THE DIVISION OF THE PHYSICAL SCIENCES

For the Degree of Bachelor of Science:

Irvin Calvin Aronovitz
Walter Steely Barlow
Edward Leonard Benno
Marjorie Jane Benzinger
Irving Berger
Paul Frederick Borth
Peter Francis Chudom
Betty Katherine Cotsirilos
William Ellis Delaney, Jr.
Edward Joseph Dowling
Alvin William Elston
Laetta June Gundrum
Lawrence Robert Gurin
Werner Henry Haak
Robert Alexander Harper
For the Degree of Bachelor of Arts:

Roselle Hermann
Frank Ralph Horlbeck
John Morris House
Russell Harold Johnsen
Gilbert Jamie Joyce
Barbara Eliza Keefe
Robert Jacob Koch
Horace David Kolb
Frank Frank Kupper
Robert Richard C. Link
James O. Lucke
Robert Dobush, Minor
Without thesis
Without thesis

V. IN THE DIVISION OF THE SOCIAL SCIENCES

For the Degree of Bachelor of Arts:

Grant Wallace Collins
Allan Beauchamp Gower
Oscar Groner
Samuel Job Aurelius, Jr.
John Alex Clinkenbeard
Sanford Schutz Maremont

VI. IN THE SCHOOL OF BUSINESS

For the Degree of Bachelor of Arts:

Without thesis

VII. IN THE LAW SCHOOL

For the Degree of Bachelor of Arts:

Leonard Fisher

CANDIDATES FOR HIGHER DEGREES

I. THE DEGREE OF MASTER OF ARTS

IV. IN THE DIVISION OF THE HUMANITIES

NORMAN ROUNDY ATWOOD
A.B., Middlebury College, 1940
(English Language and Literature)

ROBERT NICOLAUS BAUMGARTNER
A.B., University of Chicago, 1935
(English Language and Literature)

GEORGE DOUGLAS BLACKWOOD
A.B., University of Chicago, 1942
(History)

WAYNE CLAYSON BOOTH
A.B., Brigham Young University, 1944
(English Language and Literature)

L. VIRGINIA BOSCH
A.B., Marquette University, 1943
(English Language and Literature)

Thesis: Techniques and Stereotypes in the Literature of the National Association of Manufacturers concerning Industry and Labor

Without thesis
Without thesis
Without thesis
Without thesis

Without thesis
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree and Institution(s)</th>
<th>Major</th>
<th>Thesis/Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLORA BRAMSON</td>
<td>(English Language and Literature)</td>
<td></td>
<td>First-Movement Form in Mozart's Piano Concertos</td>
</tr>
<tr>
<td>DELLAROSE BROOKS</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PATRICIA LOUISE BURT</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ARTHUR WILLIAM BYLER</td>
<td>(Music)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WILLIAM COCHRAN Jr.</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAURA EMMET BURNING</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OTTO WILLIAM FICK</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LEO PATRICK GOGGIN</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>JOHN HARBOWAY HARWELL</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LEONARD WALDMAN &amp; HEGELAND</td>
<td>(Philosophy and Government)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VIRGINIA THOMPSON HEBLEND</td>
<td>(History of Culture)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDWARD DEAN JAMES</td>
<td>(History of Culture)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SYLVIA L. ARONSON JAROSLAW</td>
<td>(History of Culture)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHRISTOPHER GEORGE KATYNE</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BILLY KIANG</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DONALD JAMES KINGSEY</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ERIC KRAM</td>
<td>(History of Culture)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>THOMAS EDMUND CONNOLLY</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WILLIAM COUCH, Jr.</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAURA OWEN CRAMER</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>THOMAS EDGAR CRAMER</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>JANIE OLIVETTE DAVID</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROBERT HENRIK DAVID</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MARGARET CARDULL, BURNING</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OTTO WILLIAM FICK</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LEO PATRICK GOGGIN</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>JOHN HARBOWAY HARWELL</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LEONARD WALDMAN &amp; HEGELAND</td>
<td>(Philosophy and Government)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VIRGINIA THOMPSON HEBLEND</td>
<td>(History of Culture)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDWARD DEAN JAMES</td>
<td>(History of Culture)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SYLVIA L. ARONSON JAROSLAW</td>
<td>(History of Culture)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHRISTOPHER GEORGE KATYNE</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BILLY KIANG</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DONALD JAMES KINGSEY</td>
<td>(English Language and Literature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ERIC KRAM</td>
<td>(History of Culture)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
RICHARD LOUIS LEVY
A.B., University of Chicago, 1943
(English Language and Literature)

PHILIP LIFTON
A.B., University of Chicago, 1945
(History)

LUCY WASHBURN LONG
A.B., University of Chicago, 1942
(English Language and Literature)

NORMAN MORMAN MARTIN
A.B., University of Chicago, 1942
(Philosophy)

EDWIN JOHNSON MARKER
A.B., De Paul University, 1942
(English Language and Literature)

KATE EILEEN MEEHAN
A.B., De Paul University, 1942
(English Language and Literature)

LOUIS A. EDWARD MILLER
A.B., University of Denver, 1942
(English Language and Literature)

MARVIN MIRSKY
A.B., Brooklyn College, 1942
(English Language and Literature)

PAUL VICTOR MORGAN, JR.
A.B., Dartmouth College, 1943
(History of Culture)

CHARLES DAVID O'CONNELL, JR.
A.B., University of Toronto, 1943
(English Language and Literature)

WARREN SPENCER OWENS
A.B., Kalamazoo College, 1943
(English Language and Literature)

DOROTHY JOSEPHINE PARKANDER
A.B., Augustana College, 1944
(English Language and Literature)

WILLIAM LOUIS PHILLIPS
A.B., Iowa State Teachers College, 1942
(English Language and Literature)

HENRY GILLAM REIFSNYDER, JR.
A.B., Harvard University, 1942
(English Language and Literature)

HARALD ARNE REITAN
A.B., Northwestern University, 1944
D.B., University of Chicago, 1947
(Philosophy)

JACQUELINE SWANSON RICE
A.B., University of Chicago, 1946
(Romance Languages and Literatures)

BRAHMA ANN RIPLEY
A.B., Sweet Briar College, 1942
(English Language and Literature)

JULIA WHITE ROGERS
A.B., Rockford College, 1943
(English Language and Literature)

WILLIAM RUSSELL ROSEGRANT
A.B., Central College (Fayette, Missouri), 1941
(English Language and Literature)

LEE LAMAR SNYDER
A.B., Muhlenberg College, 1942
(English Language and Literature)

WILLIAM TECUMSEH STAFFORD, JR.
A.B., University of Kentucky, 1943
(Philosophy)

EDITH KELLEY STOVER
A.B., University of Chicago, 1938
(English Language and Literature)

BERNITA WOODRUFF SUNDQUIST
A.B., State College of Washington, 1944
(English Language and Literature)

DOROTHY MITCHELL TEMPLETON
A.B., University of Chicago, 1942
(English Language and Literature)

ROBERT EDWIN THORSTENSEN
A.B., University of Minnesota, 1941
(English Language and Literature)
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution and Degree</th>
<th>Field</th>
<th>Thesis/Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROBERT MOORE TROTTER</td>
<td>M.B., Northwestern University, 1942</td>
<td>(Music)</td>
<td>Without thesis</td>
</tr>
<tr>
<td>KATHRYN DEUCE THOMSON</td>
<td>A.B., University of Chicago, 1937</td>
<td>(Art)</td>
<td>Paper: A Method of Teaching Perspective, Figure Drawing, Form, and Color in the Seventh and Eighth Grades</td>
</tr>
<tr>
<td>HARRIS WARD WILSON</td>
<td>S.B. in Ed., University of Missouri, 1941</td>
<td>(English Language and Literature)</td>
<td>Without thesis</td>
</tr>
<tr>
<td>MARSHALL EVERSPOON</td>
<td></td>
<td>(History of Culture)</td>
<td>Thesis: Lewis Adamic's Historical Method</td>
</tr>
</tbody>
</table>

**II. IN THE DIVISION OF THE SOCIAL SCIENCES**

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution and Degree</th>
<th>Field</th>
<th>Thesis/Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>VERA PAYNE SMELL</td>
<td>A.B., University of Chicago, 1934</td>
<td>(International Relations)</td>
<td>Thesis: Development of Transportation and Telecommunications in El Salvador</td>
</tr>
<tr>
<td>ROBERT LOUIS ANTHONY</td>
<td>A.B., Beloit College, 1942</td>
<td>(Political Science)</td>
<td>Thesis: The Administrative Theory and Practice of William M. White as President</td>
</tr>
<tr>
<td>MARY ANNA BARBOZA</td>
<td>A.B., University of Chicago, 1939</td>
<td>(Psychology)</td>
<td>Thesis: A Study of the Use and Validity of the Thematic Apperception Test with Schizophrenic Subjects</td>
</tr>
<tr>
<td>FREDERICK TIMOTHY RENZ</td>
<td>A.B., University of Chicago, 1939</td>
<td>(Education)</td>
<td>Thesis: The Municipal Employee Strike in Pontiac, Michigan, 1907</td>
</tr>
<tr>
<td>LEA MALLISON ROBERTT</td>
<td>A.B., University of Chicago, 1939</td>
<td>(Education)</td>
<td>Thesis: Federal Administrative Analysis Office</td>
</tr>
<tr>
<td>EDWARD NOS</td>
<td>A.B., St. John's College, 1941</td>
<td>(Psychology)</td>
<td>Paper: Implications of Modern Educational Theory for High School Teaching</td>
</tr>
<tr>
<td>JACK ISLAND BOYD</td>
<td>A.B., Trinity University and Wesleyan College, 1940</td>
<td>(History of Culture)</td>
<td>Thesis: Cuban-American Economic Relations, 1898-1937</td>
</tr>
<tr>
<td>THEODOR WIGHT BRATTON</td>
<td>A.B., Vassar College, 1940</td>
<td>(History)</td>
<td>Thesis: Selection, Admission, and Orientation of College Students in Privately Endowed Baptist Colleges</td>
</tr>
<tr>
<td>NOLLY SCHUMAN BRUCNER</td>
<td>A.B., Vassar College, 1940</td>
<td>(History)</td>
<td>Thesis: American Organized Labor and the United States since the Revolution of 1903</td>
</tr>
<tr>
<td>REED LAWRENCE BECKFORD</td>
<td>A.B., University of Chicago, 1940</td>
<td>(History)</td>
<td>Thesis: The Administrative Theories of Robert Goodloe Harper</td>
</tr>
<tr>
<td>BOYD BYRON BURNSIDE</td>
<td>A.B., University of Chicago, 1940</td>
<td>(Education)</td>
<td>Paper: State Aid to Private Schools</td>
</tr>
<tr>
<td>PETER HERRICK CAPPS</td>
<td>A.B., University of Chicago, 1940</td>
<td>(History)</td>
<td>Thesis: Political Parties as Seen by Louis Freeland Post in &quot;The Public,&quot; 1890-1933</td>
</tr>
<tr>
<td>VINCENT JOSEPH CERVENY</td>
<td>A.B., University of Chicago, 1940</td>
<td>(History)</td>
<td>Without thesis</td>
</tr>
<tr>
<td>DOUGLAS CHASES</td>
<td>A.B., Wesleyan College, 1942</td>
<td>(Psychology)</td>
<td>Paper: The Value of Sociometric Procedures for Classroom Teaching</td>
</tr>
<tr>
<td>RAYMOND HAWKINS EVANS</td>
<td>A.B., University of Chicago, 1942</td>
<td>(History)</td>
<td>Thesis: Petroleum Interests of the United States in Mexico</td>
</tr>
<tr>
<td>GEORGE WILLIAM DENNMARK</td>
<td>A.B., University of Chicago, 1942</td>
<td>(History)</td>
<td>Without thesis</td>
</tr>
<tr>
<td>J. LUTHER DOUGAN</td>
<td>A.B., University of Chicago, 1942</td>
<td>(Political Science)</td>
<td>Thesis: The Patron Corporation</td>
</tr>
<tr>
<td>MARIE CATHERINE DOWNY</td>
<td>A.B., University of Chicago, 1942</td>
<td>(History)</td>
<td>Paper: Methods of Diagnosing Behavior Problems in Secondary Schools</td>
</tr>
<tr>
<td>WALTER BENDY DRUM</td>
<td>A.B., University of Chicago, 1942</td>
<td>(History)</td>
<td>Thesis: The Influence of Foreign Affairs upon the Political Parties of Great Britain during the General Election of 1915</td>
</tr>
<tr>
<td>Name</td>
<td>Degree(s)</td>
<td>Institution(s)</td>
<td>Major(s)</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------------------------------------------------</td>
<td>----------------------------------------------------</td>
<td>------------------------------------------------------</td>
</tr>
<tr>
<td>SOPHIE JEAN EISENSTEIN</td>
<td>A.B.</td>
<td>University of Chicago</td>
<td>(History)</td>
</tr>
<tr>
<td>EUGENE STIEL ENGELRECHT</td>
<td>S.B.</td>
<td>University of Illinois</td>
<td>(Education)</td>
</tr>
<tr>
<td>JAMES MORRIS EISENSTEIN</td>
<td>A.B.</td>
<td>De Pauw University</td>
<td>(History)</td>
</tr>
<tr>
<td>FRANCIS MARSH EISENSTEIN</td>
<td>A.B., M.A.</td>
<td>Fordham University</td>
<td>(Education)</td>
</tr>
<tr>
<td>ELIZABETH MARSH EISENSTEIN</td>
<td>A.B.</td>
<td>Woodstock College</td>
<td>(International Relations)</td>
</tr>
<tr>
<td>DAVID EISENSTEIN</td>
<td>A.B.</td>
<td>Trinity College</td>
<td>(History)</td>
</tr>
<tr>
<td>JAMES DEE EISENSTEIN</td>
<td>Ed.B.</td>
<td>Illinois State Normal University</td>
<td>(Education)</td>
</tr>
<tr>
<td>HARRIET LEVINSON FINBERG</td>
<td>A.B.</td>
<td>University of California</td>
<td>(International Relations)</td>
</tr>
<tr>
<td>ROSEMARY EISENSTEIN</td>
<td>S.B.</td>
<td>Murray, Kentucky State Teachers College</td>
<td>(History)</td>
</tr>
<tr>
<td>GEORGE JULIUS EISENSTEIN</td>
<td>S.B., M.A.</td>
<td>Agricultural, Mechanical and Normal College</td>
<td>(Education)</td>
</tr>
<tr>
<td>JOHN HANS EISENSTEIN</td>
<td>A.B.</td>
<td>University of Chicago (Iowa)</td>
<td>(History)</td>
</tr>
<tr>
<td>THEODORE EISENSTEIN</td>
<td>S.B.</td>
<td>University of Illinois</td>
<td>(Education)</td>
</tr>
<tr>
<td>ROBERT EISENSTEIN</td>
<td>S.B.</td>
<td>University of Chicago (Iowa)</td>
<td>(Education)</td>
</tr>
<tr>
<td>SONIA EISENSTEIN</td>
<td>S.B., M.A.</td>
<td>University of Chicago (Iowa)</td>
<td>(Education)</td>
</tr>
<tr>
<td>PETER JOSEPH EISENSTEIN</td>
<td>A.B.</td>
<td>University of Chicago (Iowa)</td>
<td>(Education)</td>
</tr>
<tr>
<td>Name</td>
<td>Degree(s)</td>
<td>Institution(s)</td>
<td></td>
</tr>
<tr>
<td>---------------------------</td>
<td>----------------------------------</td>
<td>--------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>DAVID READING KRATHWOHL</td>
<td>B.A., University of Iowa, 1940</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>CHARLES LESLIE LAFORCE</td>
<td>B.A., University of Florida, 1941</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>FRED RICHARD LAMMERT</td>
<td>B.A., Valparaiso University, 1946</td>
<td>(History)</td>
<td></td>
</tr>
<tr>
<td>JAMES DAVID LAURITZ</td>
<td>B.A., Barnard College, 1939</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>LAWRENCE GENE LAVENGOOD</td>
<td>B.A., National Tsing Hua University, 1940</td>
<td>(Sociology)</td>
<td></td>
</tr>
<tr>
<td>SU-LIU</td>
<td>A.B., National Tsing Hua University, 1940</td>
<td>(Sociology)</td>
<td></td>
</tr>
<tr>
<td>ALICE RUTHIE ELYSIUS</td>
<td>A.B., University of Missouri, 1933</td>
<td>(History)</td>
<td></td>
</tr>
<tr>
<td>JAMES HENRY MILLER</td>
<td>B.A., University of Iowa, 1940</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>GERALD MORRIS MARKS</td>
<td>B.A., University of Wisconsin, 1931</td>
<td>(History)</td>
<td></td>
</tr>
<tr>
<td>ROBERT SMITH MARTIN</td>
<td>B.A., Western Illinois University, 1927</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>MAXWELL LEE RENNER</td>
<td>B.A., University of Iowa, 1940</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>JACK MULDER</td>
<td>B.A., University of Iowa, 1940</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>OSCAR MILLS</td>
<td>A.B., Western Illinois University, 1931</td>
<td>(History)</td>
<td></td>
</tr>
<tr>
<td>ROBERT RENNER</td>
<td>A.B., Western Illinois University, 1931</td>
<td>(History)</td>
<td></td>
</tr>
<tr>
<td>BLYTHE CLAYTON MULLIN</td>
<td>B.A., University of Iowa, 1940</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>ERWIN JAMES MCGOWAN</td>
<td>B.A., University of Iowa, 1940</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>HOWARD JOSEPH MILLION</td>
<td>B.A., University of Iowa, 1940</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>B. L. LOUISE MCGOWAN</td>
<td>B.A., University of Iowa, 1940</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>JAMES BROWN MILLER</td>
<td>B.A., University of Iowa, 1940</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>ROBERT MILLER</td>
<td>B.A., University of Iowa, 1940</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>NANCY DANIELSON MCGOWAN</td>
<td>B.A., University of Iowa, 1940</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>DANIEL MILLER MCGOWAN</td>
<td>B.A., University of Iowa, 1940</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>JU-CHUPAN</td>
<td>B.A., National Tsing Hua University, 1940</td>
<td>(Sociology)</td>
<td></td>
</tr>
<tr>
<td>PHYLLIS RUTH MILLER</td>
<td>B.A., University of Iowa, 1940</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>ROBERT ARTHUR MILLER</td>
<td>B.A., University of Iowa, 1940</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>NANCY DANIELSON MILLER</td>
<td>B.A., University of Iowa, 1940</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>DAVID MILLER MILLER</td>
<td>B.A., University of Iowa, 1940</td>
<td>(Education)</td>
<td></td>
</tr>
<tr>
<td>JU-CHUPAN</td>
<td>B.A., University of Iowa, 1940</td>
<td>(Education)</td>
<td></td>
</tr>
</tbody>
</table>

**Paper: Estimates of Test Reliability and Their Application in Educational Experimentation**

**Paper: Psycho-Physiological Measures as Indices of Personality**

**Thesis: Martin Bucer's Activity for a United Protestantism, Culminating in the Wittenberg Concord of 1536**

**Thesis: Five Colonial Historians: Their Social and Political Attitudes as Reflected in Their Writings of History**

**Thesis: The Influence of Latin American Relations and Agreements Concerning Labor Relations**

**Thesis: The Effect of Cooperatives in China with Emphasis upon the Resistance to Social Change by the Labor Elements**

**Paper: A Cause for American Literature: A Model for Political Interests and Books**

**Thesis: Program Proposals and Policy Feedback for the Industrial Arts Shop**

**Paper: Description of Certain Social Aspects of Classroom Grouping from Time-Lapse Photography**

**Thesis: The American Mexican Claims Commission of 1931**

**Paper: Evaluations of Children's Comic Books**

**Thesis: A Study of Associations and Their Relationship to the Class System of a Milwaukee Community**

**Thesis: Significant Aspects of New York State Administration under Governor Frank T. P. Dunne, 1933-34**

**Without thesis**

**Thesis: The Ethic of Agricultural Association and the State Legislation**

**Thesis: Change in the Organization of Abilities Produced by an Experimental Method of Teaching Freshman Chemistry**

**Thesis: The Religious Attitudes of Three Traditions**

**Thesis: Localization of Manufacturing in Iowa**

**Paper: Internship in Teacher-training Programs**

**Thesis: Conditions under Which Teen-Age Organizations are Successful**

**Thesis: Federal Control of Administrative Regulations: A Case Study**

**Thesis: Trends of Change in Patterns of Child Care and Training among the Wisconsin Winnebago**

**Thesis: Party Regularity under the Washington Blanket Primary Law**

**Thesis: A Study of the Personal and Social Adjustment of Old Peoples in Rome for Aged**
DOROTHEA DICE PELLET
Ph.D., New Mexico State University, 1943

FRANKLIN HERRICK PERRY
Ph.D., Michigan State University, 1953

GEORGE EDWARD PINGLE, Jr.
Ph.D., University of Illinois, 1948

GRUDDY LEE RANDOLPH
Ph.D., University of Washington, 1942

ROBERT CHARLES REID
Ph.D., University of Illinois, 1942

PAMELA HUFFRINSON RICE
Ph.D., Ohio State University, 1943

ROBERT GATES RENSING
Ph.D., University of Wisconsin, 1944

WILLIAM HENRY RUSSELL
Ph.D., University of Chicago, 1942

CORNELIUS CARL SAMPSON
Ph.D., Ohio State University, 1939

ELDEN RUSSELL SCHARLIOL
Ph.D., University of Chicago, 1939

ROYAL JAE SCHMIDT, JR.
Ph.D., University of Illinois, 1942

MARY JEAN SCHULMAN
Ph.D., University of Washington, 1943

ILEY STANLEY SCOTT, JR.
Ph.D., University of Wisconsin, 1933

RALPH SHAW
Ph.D., University of Wisconsin, 1923

KARL LOREN SIEWERS
Ph.D., University of Wisconsin, 1942

ALVIN WILSON SKARDON, JR.
Ph.D., University of Illinois, 1939

RICHARD DONALD STAINBROOK
Ph.D., University of Illinois, 1945

RAYMOND WALLACE STANLEY
Ph.D., University of Illinois, 1935

JACK STEWART
Ph.D., University of Illinois, 1941

DAVID TEMKIN
Ph.D., University of Wisconsin, 1941

RALPH RUSSELL TINGLEY
Ph.D., University of Illinois, 1947

DOROTHY B. TRIPPEL
Ph.D., University of Illinois, 1943

LOIS GOLDINIA TYSON
Ph.D., University of Illinois, 1942

WILLIAM EUGENE UGCH
Ph.D., University of Illinois, 1942

LILLI GERTRUDE UNGER
Ph.D., University of Illinois, 1942

Without Thesis

Paper: The Contribution of the Pictorial Element in Instructional Sound Pictures

Paper: The Social Development of Underprivileged Children

Thesis: Social Development of Underprivileged Children

Thesis: Common Features and Trends of Theoretical Plans for Work from 1873 to 1899

Paper: Cultural and Status Barriers between Teacher and Pupil

Thesis: The Outlook for Foreign Labor Relations

Thesis: Routine Life in the Anti-Ballot South, 1850-65

Without Thesis

Paper: The Status of Negro Education in Texas

Paper: A Follow-up of the Mishawaka High School Class of 1942

Thesis: British Capital and Argentine Railroad Enterprises, 1860-1945

Paper: Relations between Social Class and Vocabulary among Vocational Farmers

Thesis: Unemployment Compensation: Federal-State Program

Paper: The Classroom Teacher and the Potential Delinquent

Thesis: Social Class Trends in Children's Literature

Thesis: The Status of the Negro in North Carolina, South Carolina, and Georgia, 1865-1910

Thesis: From Politics to the Effort to Establish Finnish Independence in 1937

Thesis: The Railroad Failure of Alaska

Thesis: Early Wireless and Broadcasting in Latin America

Thesis: The Relationship between Emotional Disturbances and Reading Difficulties in Children

Thesis: American Cobden Clubs

Without Thesis

Paper: Length and Frequency of Study Periods

Paper: Educational Factors in Camp Life

Without Thesis
MARY MULLEN WARD
A.B., Centenary College, 1939
(Ed)

BERNARD ALLEN WEISBERGER
A.B., Columbia University, 1943
(Hi)

ELDON GUY WHEELER
M.A., Yale University, 1942

FRANCES ALLIGA WELT
B.A., University of Chicago, 1939

HAROLD ARTHUR WEISBEK
S.B. in Ed in Ed, Pennsylvania College, 1922

MILDRED JAY WESSEY
B.A., University of Chicago, 1926

MARY MULLEN WARD
Paper: Social Learning in Adolescence
Thesis: The “Chicago Tribune’s” Civil War Reporters

BERNARD ALLEN WEISBERGER
Thesis: The Attitude of the British High Command toward the
Raising and Use of Provincial Forces in the American Revol-
uation

ELDON GUY WHEELER
Paper: The Transition of Young Women from Adolescence to
Adulthood

FRANCES ALLIGA WELT
Thesis: Curriculum Innovations in American Colleges from 1932
Thesis: The Taft Administration and the Chinese Consortium

HAROLD ARTHUR WEISBEK
Thesis: The Improvement of Negro-White Relations through Re-
ligious Education

MILDRED JAY WESSEY
Paper: The Transition of Young Women from Adolescence to
Adulthood

RUTH MARILYN COULTER
A.B., Wayne University, 1943

BLISS FORBUSH
A.B., University of Chicago, 1941

FREDERICK JAMES HOLLEY
D.B., Lancashire Independent College, 1946

MARTHA CHLOESE MCNAB
A.B., Cornell College Bible, Kansas, 1940

KARL VICTOR SCHULZ
A.B., Brandeis College, 1939

RUTH MARILYN COULTER
III. IN THE DIVINITY SCHOOL
Thesis: The Department of Negro-White Relations through Re-
ligious Education
Thesis: The Godward Use of the Bible, 1607-1638
Thesis: A Critical Study of the Ministry of the Negro in the
Presbyterian and Roman Catholic Churches in London, England
Thesis: Problems in the Oral Interpretation of the Religious Val-
ues of the French in F. 1. 2, 1942
Thesis: A Study in Personality Orientations: A Methodology for
Self-analysis

V. IN THE SCHOOL OF SOCIAL SERVICE ADMINISTRATION

ARTURO CONNAGHT HARRY ANN
A.B., University of Saskatchewan, 1938

GERRY CIN
A.B., Bates College, 1941

CHARLES HINTON COOK
A.B., Pennsylvania State College, 1922

JUNE EDNA DEHN
S.B., Mankato State Teachers College, 1943

KATHARIN BROWNELL DENBLEYKER
A.B., Kalamazoo College, 1935

EDNA BURTON DENISON
A.B., Oberlin College, 1934

Without thesis

Without thesis

Without thesis

Without thesis

Without thesis

Without thesis

Without thesis
EVE ELMO DAVO
LORETTA BAKER EISEN
DORIS MARGARET BONGIAR
PAtRlCIA LOUISE GAIN
MAXINE GARDNER
ELLEN MARY GODDARD
KENNY GREENWOOD
GLADY LEONIE HARMOD
ANNIE WINLEY HEMMICH
MARGARET HENRY
MILTON HAYMAN
NORMAN HERSTEIN
ERNEST HENRY JUNG
JOAN EWART KEAGEY
SIDNEY KRAMER
JUDITH KROHNGOLD
ZELLA ZOE LARIMER
EVELYN LICHT
MARY ELLEN LYTLE
EILEEN ELIZABETH MACLEOD
HILDA MURIEL MANN
MARGARET MOLLY McKEE
MARY MARY PATRICKS
BARBARA HELEN PETERSVILLI
IVY DORIS PILAND
MONROE ZELDA SAUMER
RUTH LEONA SCHWEITZ
DEAN SHRIBDARD
HELEN SANDERSON
NANCY ELLEN THOMAS

Without thesis
Without thesis
Without thesis
Without thesis
Without thesis
Without thesis
Without thesis
Without thesis
Without thesis
Without thesis
Without thesis
Without thesis
Without thesis
Without thesis
Without thesis
Without thesis
Without thesis
Without thesis
Without thesis
Without thesis
Without thesis
Without thesis
Without thesis

Report: Medical Social Case Work Practice in Twenty Hospitals and Clinics in Chicago
Without thesis
Report: Services Offered to Adolescent Girls by the Family Service Bureau of the United Charities of Chicago
Without thesis
Report: Recipients of Both Old Age Insurance Benefits and Old Age Pensions in Cook County
Without thesis
HUBERT JOHN WAX
Ph.B., University of Chicago, 1944
Without thesis

MARGUERITE VIRGINIA WILLIAMS
A.B., Howard University, 1943
Without thesis

MIRIAM LOIS WILLIAMS
S.B., Northwestern University, 1944
Without thesis

CATHERINE ANN ZWISLER
A.B., Mount Saint Scholastica College, 1945
Without thesis

II. THE DEGREE OF MASTER OF SCIENCE

in the division of the biological sciences

REX WAYNE ALLEN
S.B., University of Chicago, 1938
(Bacteriology and Parasitology)
Thesis: Relative Susceptibility of Various Species of Earthworms to the Larvae of Capillaria annulata

JANET MORSE CALKINS
S.B., University of Chicago, 1945
(Biological Sciences)
Essay: Some Biological Problems Pertaining to the Process of Artificial Insemination

THERESA CHRISTIAN
S.B. in Nurs. Educ., Loyola University, 1941
(Nursing Education)
Thesis: Health Teaching in Medical Nursing

DOROTHY ELIZABETH DEETH
A.B., Colby College, 1929
(Nursing Education)
Thesis: Child Growth and Development and Pediatric Nursing

MAE LEE DOW
(Accidental Student)
(Biological Sciences)
Essay: A Discussion of Color for the High-School Home Economics Teacher

ROSEMARY JEANNE FORSYTHE
S.B., State University of Iowa, 1940
(Nursing Education)
Thesis: Co-operative Plans for Patient Care between Public Health Nursing Agencies and Hospitals

MIRIAM ELAINE HART
A.B., Whitman College, 1946
(Biological Sciences)
Essay: A Survey of Filariasis

VIOLA GUNHILD HENRIKSON
S.B., University of Chicago, 1943
(Biological Sciences)
Essay: Tropic Movements in Plants

MARGARET LOUISE KING
S.B., State University of Iowa, 1940
(Nursing Education)
Thesis: Teaching Opportunities in Obstetric Nursing

MARGERY JOYCE MACK
S.B., University of Chicago, 1942
(Biological Sciences)
Essay: Significance of Developments in Geriatrics for Public Health Nursing

RAYMOND LEONARD McCANTS
Ed.B., Chicago Teachers College, 1941
(Biological Sciences)
Essay: Some Observations on the Roosting Order of Hens

HELEN ELIZABETH RUPPE
S.B., De Paul University, 1940
(Nursing Education)
Thesis: Instruction in Health Teaching for Students in Introductory Nursing Arts

ALBERT JONAS SARGIS
(Accidental Student)
(Biological Sciences)
Essay: A Classified Bibliography of Experimental Studies on the Chick Embryo

Thesis: The Use of Nonprofessional Personnel in the Nursing Care of Obstetric Patients

Essay: Chilling as a Factor in Breaking the Dormancy of Some Woody Plants

GRACE E. M. STAPLE
A.B., University of Nebraska, 1927
(Nursing Education)
Thesis: In-Service Education Programs for Nurses in Army Hospitals

Ann Marie Witczak
S.B. in Nurs. Educ., Marquette University, 1941
(Biological Sciences)
II. IN THE DIVISION OF THE PHYSICAL SCIENCES

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree(s)</th>
<th>Institution(s)</th>
<th>Thesis</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLARENCE AARON ARENBERG</td>
<td>S.B., Chemistry</td>
<td>Lewis Institute, 1938</td>
<td>Thesis: Effect of the Andes Mountains on the General Circulation over the Southern Part of South America</td>
</tr>
<tr>
<td>MAURICE HUGH ARNOLD</td>
<td>A.B., Mathematics</td>
<td>East Texas State Teachers College, 1944</td>
<td>Thesis: Basic of p-Adic Numbers</td>
</tr>
<tr>
<td>JORGE ALBERTO BOFFI</td>
<td>Commissioned, Meteorology</td>
<td>Argentine Naval Academy, 1939</td>
<td>Thesis: The Degree of Dissociation of the Bisulfate Ion from Surface Tension Measurements</td>
</tr>
<tr>
<td>CHI KUNG CHEN</td>
<td>S.B., Meteorology</td>
<td>National Central University at Chungking, China, 1942</td>
<td>Thesis: The Milwaukee Marsh</td>
</tr>
<tr>
<td>HASKELL COHEN</td>
<td>A.B., Mathematics</td>
<td>Municipal University of Omaha, 1942</td>
<td>Thesis: Studies on Electrolysis of Hydrosulfuric Acid Solutions</td>
</tr>
<tr>
<td>ERNEST LYLE GRIFFIN, JR.</td>
<td>A.B., Mathematics</td>
<td>Emory University, 1943</td>
<td>Thesis: Some Relations between Upper-Air and Surface Circulation over the Southeast Part of South America</td>
</tr>
<tr>
<td>SANFORD ROSS GRIENSTEAD</td>
<td>A.B., Meteorology</td>
<td>Central Y.M.C.A. College, 1942</td>
<td>Thesis: Settlement Patterns of Nevada</td>
</tr>
<tr>
<td>ABYSS WILLIAM HAHN</td>
<td>S.B., Meteorology</td>
<td>Drake University, 1939</td>
<td>Thesis: The Southern Appalachian Mountain Region: Land and Climate Associations</td>
</tr>
<tr>
<td>ALBERT WOOLSEY HIBBS</td>
<td>S.B., Meteorology</td>
<td>Drake University, 1943</td>
<td>Thesis: Soybean Production and Utilization in the United States</td>
</tr>
<tr>
<td>JOSEPH STERLING INGRAHAM</td>
<td>A.B., Mathematics</td>
<td>University of Minnesota, 1943</td>
<td>Thesis: Settlement Patterns of Nevada</td>
</tr>
<tr>
<td>LYMAN COLT PECK</td>
<td>S.B., Meteorology</td>
<td>Yale University, 1942</td>
<td>Thesis: The Port of Savannah</td>
</tr>
<tr>
<td>LILLIAN LOCASIA PETERS</td>
<td>A.B., Geography</td>
<td>University of Chicago, 1945</td>
<td>Thesis: Without thesis</td>
</tr>
<tr>
<td>JOHN RICHARD REITZ</td>
<td>S.B., Geography</td>
<td>University of Chicago, 1942</td>
<td>Thesis: Without thesis</td>
</tr>
<tr>
<td>MARY RICHARD REITZ</td>
<td>S.B., Geography</td>
<td>University of Chicago, 1942</td>
<td>Thesis: Without thesis</td>
</tr>
<tr>
<td>JOHN EDWARD ROSS</td>
<td>S.B., Meteorology</td>
<td>University of Chicago, 1942</td>
<td>Thesis: Without thesis</td>
</tr>
<tr>
<td>PAUL WALTER RUSSELL</td>
<td>S.B., Meteorology</td>
<td>University of Chicago, 1942</td>
<td>Thesis: Without thesis</td>
</tr>
<tr>
<td>ROBERT LEE RUSSELL</td>
<td>S.B., Meteorology</td>
<td>University of Chicago, 1942</td>
<td>Thesis: Without thesis</td>
</tr>
<tr>
<td>MARVIN SUMMERS WOLFF</td>
<td>S.B., Meteorology</td>
<td>University of Chicago, 1942</td>
<td>Thesis: Without thesis</td>
</tr>
<tr>
<td>JOHN EDWARD WOLFF</td>
<td>S.B., Meteorology</td>
<td>University of Chicago, 1942</td>
<td>Thesis: Without thesis</td>
</tr>
<tr>
<td>JOHN WALTER WOLFF</td>
<td>S.B., Meteorology</td>
<td>University of Chicago, 1942</td>
<td>Thesis: Without thesis</td>
</tr>
<tr>
<td>ROBERT LEE WOLFF</td>
<td>S.B., Meteorology</td>
<td>University of Chicago, 1942</td>
<td>Thesis: Without thesis</td>
</tr>
<tr>
<td>JOHN WALTER WOLFF</td>
<td>S.B., Meteorology</td>
<td>University of Chicago, 1942</td>
<td>Thesis: Without thesis</td>
</tr>
<tr>
<td>JOHN WALTER WOLFF</td>
<td>S.B., Meteorology</td>
<td>University of Chicago, 1942</td>
<td>Thesis: Without thesis</td>
</tr>
</tbody>
</table>

**Notes:**
- Some students are listed without a thesis.
- Some theses are not specified in detail.
- The list includes a variety of physical science topics, including meteorology, chemistry, and geography.
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree(s)</th>
<th>Thesis/Degree Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>MARGARET HARRISON SMITH</td>
<td>A.B., Randolph Macon College, 1929; A.M., University of North Carolina, 1936</td>
<td>Thesis: A Statistical Comparison of Two Counties in Terms of Livelihood</td>
</tr>
<tr>
<td>NORMAN PAUL STEIN</td>
<td>S.B., University of Chicago, 1938</td>
<td>With thesis</td>
</tr>
<tr>
<td>EUGENE TITUS, Jr.</td>
<td>A.M., University of Chicago, 1936</td>
<td>Without thesis</td>
</tr>
<tr>
<td>DAVID WARREN WEISER</td>
<td>S.B., University of Chicago, 1942</td>
<td>Without thesis</td>
</tr>
<tr>
<td>NORMAN RONALD ATWOOD</td>
<td>S.B., University of Chicago, 1942</td>
<td>With thesis</td>
</tr>
<tr>
<td>REED LAWRENCE BUFFINGTON</td>
<td>S.B., University of Chicago, 1942</td>
<td>With thesis</td>
</tr>
<tr>
<td>JANET MORSE CALKSNS</td>
<td>S.B., University of Chicago, 1942</td>
<td>With thesis</td>
</tr>
<tr>
<td>GEORGE WILLIAM DENARK</td>
<td>S.B., University of Chicago, 1942</td>
<td>With thesis</td>
</tr>
<tr>
<td>PHILIP JAMES HALEY</td>
<td>S.B., University of Chicago, 1942</td>
<td>With thesis</td>
</tr>
<tr>
<td>VERNON GILBERT DEWEY</td>
<td>S.B., University of Chicago, 1942</td>
<td>With thesis</td>
</tr>
<tr>
<td>LAURA MARY GILBERT</td>
<td>S.B., University of Chicago, 1942</td>
<td>With thesis</td>
</tr>
<tr>
<td>MAJORIE LOWE HALEY</td>
<td>A.B., Agnes Scott College, 1923</td>
<td>With thesis</td>
</tr>
<tr>
<td>ELIZABETH HOLLAWAY</td>
<td>S.B., University of Illinois, 1947</td>
<td>With thesis</td>
</tr>
<tr>
<td>LOIS FRANCES KARRAKER</td>
<td>S.B., University of Illinois, 1947</td>
<td>With thesis</td>
</tr>
<tr>
<td>MARY FRANCES MYALL</td>
<td>S.B., University of Illinois, 1947</td>
<td>With thesis</td>
</tr>
<tr>
<td>JANE ELVIRA PETERSON</td>
<td>S.B., University of Illinois, 1947</td>
<td>With thesis</td>
</tr>
<tr>
<td>ROBERT WILLIAM BERGSTROM</td>
<td>LL.B., Chicago-Kent College of Law, 1940</td>
<td>With thesis</td>
</tr>
<tr>
<td>CHARLES SPURGEON BILLINGS</td>
<td>S.B., University of Illinois, 1947</td>
<td>With thesis</td>
</tr>
<tr>
<td>EDWIN STANLEY DIVER BUTTERFIELD</td>
<td>LL.B., University of Michigan, 1947</td>
<td>With thesis</td>
</tr>
<tr>
<td>CHARLES GORDON CALLARD, Jr.</td>
<td>S.B., University of Illinois, 1947</td>
<td>With thesis</td>
</tr>
<tr>
<td>AARON C. CLARK</td>
<td>S.B., University of Illinois, 1947</td>
<td>With thesis</td>
</tr>
<tr>
<td>RAYMOND RAND CLARK</td>
<td>S.B., University of Illinois, 1947</td>
<td>With thesis</td>
</tr>
<tr>
<td>HARRY MORRISON CLARK</td>
<td>S.B., University of Illinois, 1947</td>
<td>With thesis</td>
</tr>
<tr>
<td>SAMUEL FRED CLARK, Jr.</td>
<td>S.B., University of Illinois, 1947</td>
<td>With thesis</td>
</tr>
<tr>
<td>ROGER JULIAN CREW</td>
<td>S.B., University of Illinois, 1947</td>
<td>With thesis</td>
</tr>
<tr>
<td>HERBERT MAURICE DALTON</td>
<td>S.B., University of Illinois, 1947</td>
<td>With thesis</td>
</tr>
<tr>
<td>GEORGE LEON DARNELL, Jr.</td>
<td>S.B., University of Illinois, 1947</td>
<td>With thesis</td>
</tr>
<tr>
<td>GILLARD DONALD DEARLOVE</td>
<td>S.B., University of Illinois, 1947</td>
<td>With thesis</td>
</tr>
<tr>
<td>Name</td>
<td>Institution and Degree</td>
<td>Date</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>------------------------</td>
<td>------</td>
</tr>
<tr>
<td>JAMES WALTER TOREN</td>
<td>A.B., University of Chicago, 1946</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JOHNA FAGG VOSKUIL</td>
<td>A.B., Macalester College, 1940</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLARA PETERSON WILLOUGHBY</td>
<td>S.B., University of Minnesota, 1932</td>
<td></td>
</tr>
</tbody>
</table>

### III. IN THE FEDERATION OF THEOLOGICAL SCHOOLS IN CO-OPERATION WITH THE DISCIPLES DIVINITY HOUSE

For the Degree of Bachelor of Divinity:

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution and Degree</th>
<th>Date</th>
<th>Institution and Degree</th>
<th>Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLARENCE McBRIDE DOSS, Jr.</td>
<td>A.B., Transylvania College, 1944</td>
<td></td>
<td>REPORT: Interpretation of Worship among the Disciples of Christ</td>
<td></td>
</tr>
<tr>
<td>DONALD ELMER POSTON</td>
<td>A.B., Chapman College, 1945</td>
<td></td>
<td>REPORT: W. C. Bower's Principles of Religious Education</td>
<td></td>
</tr>
<tr>
<td>MATTHEW JACOB VOTRUBA</td>
<td>A.B., Drake University, 1944</td>
<td></td>
<td>REPORT: The Interpretation of the Lord's Supper among the Disciples of Christ</td>
<td></td>
</tr>
</tbody>
</table>

### IV. THE DEGREE OF DOCTOR OF PHILOSOPHY

#### 1. IN THE DIVISION OF THE BIOLOGICAL SCIENCES

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution and Degree</th>
<th>Date</th>
<th>Institution and Degree</th>
<th>Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAROLD PALMER BECHTOLDT</td>
<td>A.B., Northwestern College, 1936</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELIZABETH ANN HERMAN</td>
<td>A.B., University of Chicago, 1938</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DANIEL FREDERICK BOWEN</td>
<td>A.B., University of Chicago, 1938</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JOHN COOPER DIBBERN</td>
<td>A.B., University of Arizona, 1941</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ERNESTINE HELEN FRAZER</td>
<td>A.B., University of Arizona, 1941</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>THOMAS CHARLES FULLER</td>
<td>A.B., University of Illinois, 1941</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HAROLD JON FREDERICK GALL</td>
<td>A.B., Knox College, 1941</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MARY GRIER JACQUES</td>
<td>A.B., University of California, 1941</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OLIVE HICKS REDDING</td>
<td>A.B., University of Chicago, 1936</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDWIN CLARENCE LARSEN</td>
<td>B.S., University of Illinois, 1941</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GRACE CAROLINE MAISIN</td>
<td>B.S., University of Michigan, 1941</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELIZA TAN</td>
<td>B.S., University of South Carolina, 1941</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Thesis: Factorial Study of Perceptual Speed

Thesis: The Effect of Male Hormones on Aggressive Behavior in Rats

Thesis: Comparative Effects of Substituted Chlorophenoxy Compounds on Bean Leaves

Thesis: Vegetative Response of Beers in Certain Environments

Thesis: The Chemistry of the Pyridin and Pyridinium Compounds as Related to the Chemical Determination of Nicotinic Acid and Its Derivatives

Thesis: Effects of Several Substances on Nucleus and Cell Division

Thesis: The Occurrence of Smooth Brome Grass and Certain Environments

Thesis: A Comparison of Indications of Emotional Response and of Semantic Disturbance in Psychologic Questionnaires and in the Rorschach Test

Thesis: Perfusion of a Nucleic Acid in Relation to Various Grasses

Thesis: Photoperiodic Responses of Geographical Strains of Andropogon scoparius

Thesis: Influence of Photoperiod on Micropropagation in Oryza

Thesis: The Relation Between Length of Daylight and Swallow Charac

Thesis: The Effect of Light on Cichlid Fishes in Relation to Photoperiod
SISTER MARY WILLIAM BRADY
A.B., College of St. Catherine, 1931
A.M., University of Minnesota, 1941
(English Language and Literature)

FRANK BOYD EBERSOLE
A.B., Heidelberg College, 1941
D.B., Yale University, 1944
(Philosophy)

JOHN BUNYAN EUBANKS
Th.B., Howard University, 1935
A.B., 1936
A.M., University of Chicago, 1938
(History of Culture)

WILLIAM PERRY FIDLER
A.B., University of Alabama, 1928
A.M., Harvard University, 1930
(English Language and Literature)

BERTHA HENSMAN
A.M., University of Chicago, 1942
(English Language and Literature)

WILSON MATHIS HUDSON, JR.
A.B., University of Texas, 1929
A.M., 1930
(English Language and Literature)

WILLIAM REA KEAST
A.B., University of Chicago, 1936
(English Language and Literature)

CHARLES TOWNSEND MILLER
Ph.B., University of Chicago, 1935
(English Language and Literature)

BLAKE REYNOLDS NEVIUS
A.B., Antioch College, 1938
A.M., University of Chicago, 1941
(English Language and Literature)

MARIO N. PAVIA
Ph.B., University of Chicago, 1931
A.M., ibid., 1933
(Romance Languages and Literatures)

HENRY HEYMANN-HERMAN REMAK
A.M., Indiana University, 1937
(Germanic Languages and Literatures)

THEODORE ALBERT STROUD
A.B., Arkansas College, 1932
A.M., University of Arkansas, 1933
(English Language and Literature)

BERTA SOPHIA STURMAN
A.B., Wayne University, 1940
A.M., ibid., 1942
(English Language and Literature)

III. IN THE DIVISION OF THE PHYSICAL SCIENCES

ROBERT MILLER BROWNELL
A.B., University of Chicago, 1941
(Discipline)

DAVID STEPHEN CAMPBELL
A.B., University of Chicago, 1935
(S.M., ibid., 1936)
(Geography)

PAUL EDMUND HICKER
A.B., Central College (Praha, Moravia), 1941
(Chemistry)

FRANK GRAYDON PRESS
A.B., University of Chicago, 1941
(Chemistry)

JAMES WOODROW HIGGINS
A.B., Miami University, 1943
(Geology)

Thesis: The Oxidation of Diisopropyl Ether by Chromic Acid
Thesis: The Geography of the Coffee Industry of Puerto Rico
Thesis: The Reaction of Atoms and Free Radicals in Solution. II. The Addition of Aliphatic Bromoesters to Olefinic Linkages
Thesis: The Pressure within Bubbles. II. The Shapes of Large Menisci
Thesis: Structural Petrology of the Pine Creek Area, Dickinson County, Michigan

Thesis: The Problem of the Vicissitudes of "The Canterbury Tales"
Thesis: "A Lending Glass for London and England"

III. IN THE DIVISION OF THE PHYSICAL SCIENCES

ROBERT MILLER BROWNELL
A.B., University of Chicago, 1941
(Discipline)

DAVID STEPHEN CAMPBELL
A.B., University of Chicago, 1935
(S.M., ibid., 1936)
(Geography)

PAUL EDMUND HICKER
A.B., Central College (Praha, Moravia), 1941
(Chemistry)

FRANK GRAYDON PRESS
A.B., University of Chicago, 1941
(Chemistry)

JAMES WOODROW HIGGINS
A.B., Miami University, 1943
(Geology)

Thesis: The Oxidation of Diisopropyl Ether by Chromic Acid
Thesis: The Geography of the Coffee Industry of Puerto Rico
Thesis: The Reaction of Atoms and Free Radicals in Solution. II. The Addition of Aliphatic Bromoesters to Olefinic Linkages
Thesis: The Pressure within Bubbles. II. The Shapes of Large Menisci
Thesis: Structural Petrology of the Pine Creek Area, Dickinson County, Michigan

Thesis: The Problem of the Vicissitudes of "The Canterbury Tales"
Thesis: "A Lending Glass for London and England"
INDEX OF DOCTORS OF PHILOSOPHY

IV. IN THE DIVISION OF THE SOCIAL SCIENCES

GEORGE CARPENTER BARKER
A.B., University of California at Los Angeles, 1935
S.M., Columbia University, 1936
A.M., University of Chicago, 1943
(Anthropology)

DAVID HENRY BRADFORD
A.B., University of Michigan, 1930
A.M., ibid., 1931
(History)

JAMES WILSON BROWN
A.B., Central Washington College of Education, 1937
A.M., University of Chicago, 1939
(Education)

PAUL JOHN CAMPISI
A.B., University of Arizona, 1938
A.M., University of Chicago, 1942
(Sociology)

WILFRED CARSEL
Ph.B., University of Chicago, 1931
A.M., ibid., 1932
(History)

LUCIEN SIMINGTON CURTIS
A.B., Howard University, 1916
A.B., Harvard University, 1919
A.M., Columbia University, 1925
(Economics)

ROBERT DUBIN
A.B., University of Chicago, 1936
A.M., ibid., 1940
(Sociology)

EPHRAIM GORDON ERICKSEN
S.B., University of Utah, 1938
S.M., ibid., 1939
(Sociology)

ABRAHAM MEYER HALPERN
A.B., Harvard University, 1933
(Anthropology)

Thesis: Social Functions of Language in a Mexican-American Community

Thesis: The Background and Formation of the Republican Party in Ohio, 1844-61

Thesis: A Comparison of Oral and Projected Verbal-Pictorial Tests as Measures of the Ability To Apply Science Principles

Thesis: A Scale for the Measurement of Acculturation


Thesis: Forms

* These on national defense research projects are approved by the faculty members who are also participating in a defense research project closely related to the student's field of investigation. Results of such research are at present national defense secrets.
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution/Year</th>
<th>Major/Thesis Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEOTA LONG JANKE</td>
<td>A.B., Drury College, 1933</td>
<td>A.M., Washington University, 1937 (Human Development)</td>
</tr>
<tr>
<td>THADDEUS JOHN LUBERA</td>
<td>S.B., Lewis Institute, 1926</td>
<td>A.B., Amherst College, 1938 (Economics)</td>
</tr>
<tr>
<td>ARTHUR EDWARD MACE, JR.</td>
<td></td>
<td>RUSSEL CRAIG McIVOR</td>
</tr>
<tr>
<td>VERA MILLER</td>
<td>A.B., University of Chicago, 1938</td>
<td>ARTHUR EDWARD MACE, JR.</td>
</tr>
<tr>
<td>WILLIAM WALTER TONGER</td>
<td>A.B., University of Chicago, 1938</td>
<td>VERA MILLER</td>
</tr>
<tr>
<td>JULIAN TOWNTER</td>
<td></td>
<td>JAMES FULTON MACLEAR</td>
</tr>
<tr>
<td>PAUL ALBERT VARG</td>
<td>A.B., De Pauw University, 1938</td>
<td>ALFRED JOHN GROSS</td>
</tr>
<tr>
<td>ALFRED JOHN GROSS</td>
<td></td>
<td>JAMES FULTON MACLEAR</td>
</tr>
<tr>
<td>JAMES FULTON MACLEAR</td>
<td></td>
<td>WALTER ISAIAH MURRAY</td>
</tr>
<tr>
<td>WILLIAM LEWIS REESE, JR.</td>
<td></td>
<td>VERA MILLER</td>
</tr>
<tr>
<td>DONALD HERBERT YODER</td>
<td></td>
<td>VERA MILLER</td>
</tr>
<tr>
<td>ALTON A. LINFORD</td>
<td></td>
<td>ALTON A. LINFORD</td>
</tr>
<tr>
<td>LEOTA LONG JANKE</td>
<td></td>
<td>ARTHUR EDWARD MACE, JR.</td>
</tr>
<tr>
<td>THADDEUS JOHN LUBERA</td>
<td></td>
<td>ARTHUR EDWARD MACE, JR.</td>
</tr>
<tr>
<td>ARTHUR EDWARD MACE, JR.</td>
<td></td>
<td>RUSSEL CRAIG McIVOR</td>
</tr>
<tr>
<td>VERA MILLER</td>
<td></td>
<td>ARTHUR EDWARD MACE, JR.</td>
</tr>
<tr>
<td>WILLIAM WALTER TONGER</td>
<td></td>
<td>VERA MILLER</td>
</tr>
<tr>
<td>JULIAN TOWNTER</td>
<td></td>
<td>JAMES FULTON MACLEAR</td>
</tr>
<tr>
<td>PAUL ALBERT VARG</td>
<td></td>
<td>ALFRED JOHN GROSS</td>
</tr>
<tr>
<td>ALFRED JOHN GROSS</td>
<td></td>
<td>JAMES FULTON MACLEAR</td>
</tr>
<tr>
<td>JAMES FULTON MACLEAR</td>
<td></td>
<td>WALTER ISAIAH MURRAY</td>
</tr>
<tr>
<td>WILLIAM LEWIS REESE, JR.</td>
<td></td>
<td>VERA MILLER</td>
</tr>
<tr>
<td>DONALD HERBERT YODER</td>
<td></td>
<td>VERA MILLER</td>
</tr>
<tr>
<td>ALTON A. LINFORD</td>
<td></td>
<td>ALTON A. LINFORD</td>
</tr>
</tbody>
</table>
It was moved and seconded to confer the degrees upon the candidates named provided they conform to all conditions, and, a vote having been taken, the motion was declared adopted.

The Chairman of the Committee on Development presented the following recommendation approved by the Committees on Development and Memorials at a joint meeting on July 16, 1947:

With respect to buildings planned, but not yet completed, the University will continue to follow its established practice of naming a building in honor of the donor who makes the building possible or in honor of someone when the donor wishes to memorialize.

With respect to buildings that have been constructed through the use of general funds of the University or with the aid of grants of foundations, the University will actively seek to secure donors who will contribute to the University, preferably to the general funds, amounts of money representing all or a substantial part of the cost of such buildings, and will name the buildings in honor of the donor or of someone designated by him.

Specific proposals to make gifts on condition that a building be named in honor of the donor or someone designated by him shall be submitted to the Board for acceptance and approval.

It was moved and seconded to approve the policy set forth in the foregoing recommendation in the naming of buildings, and, a vote having been taken, the motion was declared adopted.

The Chancellor reported that Summer Quarter enrollment was less than anticipated throughout the colleges and universities. This appears due to the fact that many veterans felt the strain of academic work although it is expected that most of them will return in the fall. It is anticipated that there will be substantial increases in the fall. There was discussion of general enrollment trends.

The Chancellor reported that the Illinois Legislature has passed a bill creating a Special Committee to investigate subversive activities in colleges and universities. Five members of this Committee will be appointed from the Illinois House of Representatives by the Speaker of the House, five by the Lieutenant Governor from the Illinois Senate, and five public representatives by the Governor. It is anticipated that there will be an opportunity to discuss possible appointments before appointments are made. It is expected that The University of Chicago will be an early target of this Committee.
In this connection the following statement of principles as adopted by the Council of the Senate of the University on July 22, 1947, was presented:

In view of the fact that the attitude of the University toward present-day problems and controversies, especially toward Communism, is frequently misunderstood or called into question, the Council of the University Senate approves the following statement of policy and requests the officers of the University to make use of the statement as occasion may arise:

The University of Chicago has been dedicated since its founding to the free, fearless and objective study, interpretation, and discussion of all problems with which the human intellect concerns itself. The University remains firm in its devotion to this purpose. In accordance with its interpretation of its duty and responsibility as a center of liberal education and of scientific and scholarly investigation, it will defend the right of its faculty and students to participate, within and outside the classroom, in discussion and deliberation on all social, economic and political problems, and their right as citizens to advocate, subject to the conditions stated in the next paragraph, particular social measures and policies. It will, insofar as is possible, make its facilities available to its members for such purposes.

On the other hand, the University is equally firm in its adherence to the American principle that any changes desired by the citizen or any group of citizens of the United States in its present form of government must be brought about only through the orderly processes of the law. To maintain this national principle, the University will take all measures appropriate to its nature and responsibilities to assure, within its community of faculty and students, conformity with the law, both in letter and in spirit. In accordance with this policy, the President of the University recently called to the attention of the administrative officers of the University the terms of Sections 265a-g of the Illinois Criminal Code, known collectively as the Sedition Statute of 1919, and announced certain administrative regulations designed to assure the compliance of faculty, students, and employees in the observance of the prohibitions of this statute. A copy of this instruction is attached.

The Council of the University pledges its support to these regulations and to the principles stated herein.

In order that this statute may be observed by the University, the following administrative regulations have been adopted:

Statement of Principles
1. No organization shall be recognized or permitted which has for its object or one of its objects the overthrow of the existing form of government by violence or other unlawful means. In the case of an organization which is suspected of having such an object, an express declaration that it has no such object may be required.

2. No organization shall be permitted to hold a meeting at which the overthrow, by violence or other unlawful means of the existing form of government, is to be advocated. In case there is reasonable ground for believing that this rule may be violated, satisfactory guarantees shall be obtained before permission to hold the meeting is granted.

3. No student or organization shall be permitted to issue or distribute any written or printed matter which advocates crime or violence as a means of accomplishing the overthrow of the existing form of government. In case there is reasonable ground to believe that this rule may be violated by any organization, it shall be required to submit its material for approval before publication or distribution.

4. No student organization shall be permitted to display, at any time or place, any flag or other insignia symbolizing a purpose to overthrow the existing form of government by force or violence.

The following communication from the President to deans and administrative officers dated April 8, 1947, was presented:

At the present time, the question is occasionally raised by uninformed individuals as to the University's devotion to American principles and its attitude toward Communism. Some years ago, Chancellor Hutchins issued an authoritative statement of the University's policy in these matters. I am issuing the following restatement of this policy to refresh your memory on this matter and guide you in making decisions in individual cases:

Gentlemen,

I call your attention to the following provisions of the Illinois Criminal Code, known collectively as the Sedition Statute of 1919:

The Sedition Statute
(Approved June 26, 1919)

Section 285a. (Advocating overthrow of government.) It shall be unlawful for any person openly to advocate, by word of mouth or writing, the reformation or overthrow, by violence or any other unlawful means, of the representative form of government now assured to the citizens of
the United States by the Constitution of the United States and the constitutions of the several states.

Sec. 265b. (Utterance of paper advocating overthrow of government.) It shall be unlawful for any person to publish, issue or knowingly sell or distribute any book, paper, document or other written or printed matter which advocates crime and violence, as a means of accomplishing the reformation or overthrow of the constitutional representative form of government as secured to the citizens of the United States and the constitutions of the several states.

Sec. 265c. (Societies to overthrow government.) It shall be unlawful for any person to organize, aid in the organization of, or become a member of any society or association, the object of which is to advocate the reformation or overthrow of the existing form of government, by violence or any other unlawful means.

Sec. 265d. (Attendance at meeting.) It shall be unlawful for any person voluntarily and with knowledge of the purpose of such meeting or assembly to be present at any meeting or assembly at which the reformation or overthrow of the existing form of government, by crime and violence is advocated.

Sec. 265e. (Use of premises.) It shall be unlawful for any person owning, possessing or controlling the use of any room, building or other premises knowingly to permit the same to be used as the headquarters of any organization which advocates crime and violence or as a meeting place for any meeting or assembly at which crime and violence is advocated, as a means of accomplishing the reformation or overthrow of the existing form of government.

Sec. 265f. (Display of emblems.) It shall be unlawful to display or exhibit at any meeting, gathering or parade, public or private, any flag, banner, emblem or other insignia, symbolizing or intending to symbolize a purpose to overthrow by force or violence or by physical injury to person or property of the representative form of government now secured to the citizens of the United States and the several states by the Constitution of the United States and the Constitution of the State of Illinois.

Sec. 265g. (Penalty.) Any person who shall violate sections 265a, 265b, 265c, or 265f of this act shall be deemed guilty of a felony, and upon conviction thereof shall be punished by imprisonment in the penitentiary for a period of not less than one year nor more than ten years. Any person who shall violate sections 265d and 265e of this act shall be deemed
guilty of a misdemeanor, and upon conviction thereafter shall be punished by a fine of not less than five hundred dollars ($500.00) nor more than one thousand dollars ($1,000.00), or by imprisonment in the county jail for a period of not less than six months nor more than one year, or both.

In order that this statute may be observed by the University, the following administrative regulations have been adopted:

1. No organization shall be recognized or permitted which has for its object or one of its objects the overthrow of the existing form of government by violence or other unlawful means. In the case of an organization which is suspected of having such an object, an express declaration that it has no such object may be required.

2. No organization shall be permitted to hold a meeting at which the overthrow, by violence or other unlawful means, of the existing form of government is to be advocated. In case there is reasonable ground for believing that this rule may be violated, satisfactory guaranties shall be obtained before permission to hold the meeting is granted.

3. No student or organization shall be permitted to issue or distribute any written or printed matter which advocates crime or violence as a means of accomplishing the overthrow of the existing form of government. In case there is reasonable ground to believe that this rule may be violated by any organization, it shall be required to submit its material for approval before publication or distribution.

4. No student organization shall be permitted to display, at any time or place, any flag or other insignia symbolizing a purpose to overthrow the existing form of government by force or violence.

The Chancellor, the Vice-President-Business Affairs, and the Business Manager reviewed the status of discussions with the Atomic Energy Commission in connection with the Clinton Laboratory at Oak Ridge, Tennessee. Levels of operations and construction were discussed as well as methods of reimbursement to the University for expenditures including fees for operations and construction. It was stated that a special meeting of the Board of Trustees probably would be necessary during the latter part of August to consider any recommendation which the Chancellor might make in the matter of the University reassuming responsibility in connection with the Clinton Laboratory.
On behalf of the Chancellor, the Business Manager reported that the Navy Department states its willingness to provide at least $950,000 on the cost of the large cyclotron, but that it proposes to provide only $700,000 during the current fiscal year.

It was the consensus that the appropriate administrative officers should negotiate the Cyclotron Project with the Navy Department on the basis of $700,000 to be provided by the Navy during the current fiscal year.

The Chancellor reported that at the meeting of the Committee on Development held on July 16, 1947, the following action was taken:

It was moved and seconded that the Committee on Development approve in principle the appointment of Special Committees on Development, that the Chairman of the Board of Trustees, the Chairman of the Committee on Development, and the Chancellor be authorized to select the members of those special committees, and that the Board of Trustees be requested to transmit to the Board of Trustees of the Baptist Theological Union the suggestion that the Board appoint a Special Committee on Federated Theological Faculty Development, and, a vote having been taken, the motion was declared adopted.

It was moved and seconded that the above action of the Committee on Development be approved, and, a vote having been taken, the motion was declared adopted.

On behalf of the Chancellor, the President presented the following recommendation:

On the recommendation of the Board of Governors of International House, it is recommended that the Board of Trustees authorize the President of the Board of Governors of International House to employ Harry T. Fultz as Director of International House at an annual salary of $7,000 plus the privilege of participating in the University's Contributory Retiring Allowance Plan, the effective date to be negotiated.

It was moved and seconded to authorize the President of the Board of Governors of International House to employ Harry T. Fultz as Director of International House at an annual salary of $7,000 plus the privilege of participating in the University's Contributory Retiring Allowance Plan, the effective date to be negotiated, as recommended, and, a vote having been taken, the motion was declared adopted.
The Chancellor reported the appointment of Dr. Lowell T. Coggeshall, Professor and Chairman of the Department of Medicine, as Dean of the Division of the Biological Sciences effective July 1, 1947.

On behalf of the Chancellor, the President recommended an increase in fees charged for students who take examinations without registering for the course from $20 per examination to $25 per examination at the College level and from $30 per examination to $35 per examination at the divisional level, both effective October 1, 1947.

It was moved and seconded to increase the examination fees as recommended above, and, a vote having been taken, the motion was declared adopted.

Upon the recommendation of the Committee on Instruction and Research and the Committee on Budget (joint meeting on August 7, 1947) and the Chancellor, presented by the President,

It was moved and seconded that the period of accumulation of the income from the Gertrude Dunn Hicks Endowment Fund be extended to June 30, 1949, for the purpose of financing in part the construction of the proposed new Gertrude Dunn Hicks Hospital, and, a vote having been taken, the motion was declared adopted.

On behalf of the Chancellor, the President presented the following recommendation:

At the joint meeting of the Committee on Instruction and Research and the Committee on Budget it was voted to recommend to the Board of Trustees that Edward Shils, whose appointment as an Associate Professor in the Division of the Social Sciences has been changed from a four-quarter to a two-quarter service basis so that he can devote one-half of each year to teaching at the University of London, be granted the privilege of participating in the Contributory Retiring Allowance Plan and the Group Insurance Plan under the terms of his appointment beginning July 1, 1947.

It was moved and seconded to grant to Edward Shils the privilege of participating in the Contributory Retiring Allowance Plan and the Group Insurance Plan under the terms of his appointment beginning July 1, 1947, as recommended, and, a vote having been taken, the motion was declared adopted.
On behalf of the Chancellor, the President presented the following recommendation:

At the joint meeting of the Committee on Instruction and Research and the Committee on Budget it was voted that the Committee on Instruction and Research recommend to the Board of Trustees that no action be taken in connection with the proposed amendment of the Statutes regarding the procedure for electing the Committee of the Council of the University Senate since the relative newness of the Council organization argues against a change.

After discussion,

It was moved and seconded that no action be taken in connection with the proposed amendment of the University Statutes regarding the procedure for electing the Committee of the Council of the University Senate since the Board prefers to make further trial of the present Council organization before considering any material changes, and, a vote having been taken, the motion was declared adopted.

On behalf of the Chancellor, the President presented the following recommendation:

At its meeting of February 13, 1947, the Board of Trustees adopted a recommendation designating contributions for the Louis Slotin Memorial Fund as endowment. At that time it was expected that further substantial contributions would be made. Since this possibility is not likely to materialize, it is recommended that the fund (amounting to $14,440) be withdrawn from endowment and set up as a restricted expendable fund.

It was moved and seconded that the Louis Slotin Memorial Fund be withdrawn from endowment and set up as a restricted expendable fund, as recommended, and, a vote having been taken, the motion was declared adopted.

On behalf of the Chancellor, the President presented the following recommendation:

The Board of Governors of International House has adopted the following budget for the fiscal year 1947-48 subject to the approval of the Board of Trustees:
### Income Expense Variation

<table>
<thead>
<tr>
<th>Department</th>
<th>Income</th>
<th>Expense</th>
<th>Variation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dormitory</td>
<td>$203,135</td>
<td>$23,035</td>
<td>$180,100</td>
</tr>
<tr>
<td>Catering</td>
<td>$261,000</td>
<td>$26,203</td>
<td>$234,800</td>
</tr>
<tr>
<td>Gift Shop</td>
<td>$17,000</td>
<td>$13,600</td>
<td>$3,400</td>
</tr>
<tr>
<td>Valet Shop</td>
<td>$12,000</td>
<td>$11,000</td>
<td>$900</td>
</tr>
<tr>
<td>Total departmental</td>
<td>($520,635)</td>
<td>($326,138)</td>
<td>($194,497)</td>
</tr>
</tbody>
</table>

### Activities Administrative & General

<table>
<thead>
<tr>
<th>Activity</th>
<th>Income</th>
<th>Expense</th>
<th>Variation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assembly,National &amp; Public Rooms</td>
<td>$1,750</td>
<td>$11,250</td>
<td>$9,500</td>
</tr>
<tr>
<td>Activities</td>
<td>$5,075</td>
<td>$10,203</td>
<td>$5,128</td>
</tr>
<tr>
<td>Admissions</td>
<td>$10,036</td>
<td>$10,036</td>
<td></td>
</tr>
<tr>
<td>General Administration</td>
<td>$12,500</td>
<td>$6,500</td>
<td>$6,000</td>
</tr>
<tr>
<td>General Expense</td>
<td>$13,100</td>
<td>$6,000</td>
<td>$7,100</td>
</tr>
<tr>
<td>Student Aid &amp; Fellowships</td>
<td>$12,500</td>
<td>$12,500</td>
<td></td>
</tr>
<tr>
<td>International House Asm.</td>
<td>$11,000</td>
<td>$11,000</td>
<td></td>
</tr>
<tr>
<td>Sundry Income</td>
<td>$11,000</td>
<td>$11,000</td>
<td></td>
</tr>
<tr>
<td>Total activities, adm., &amp; general</td>
<td>($17,825)</td>
<td>($67,301)</td>
<td>($49,476)</td>
</tr>
</tbody>
</table>

### Miscellaneous

<table>
<thead>
<tr>
<th>Category</th>
<th>Income</th>
<th>Expense</th>
<th>Variation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Administration</td>
<td>$15,187</td>
<td>$15,187</td>
<td></td>
</tr>
<tr>
<td>Housekeeping</td>
<td>$76,000</td>
<td>$76,000</td>
<td></td>
</tr>
<tr>
<td>Operations &amp; Maintenance</td>
<td>$7,400</td>
<td>$7,400</td>
<td></td>
</tr>
<tr>
<td>Total miscellaneous</td>
<td>($142,587)</td>
<td>($142,587)</td>
<td>($0)</td>
</tr>
</tbody>
</table>

### Total

<table>
<thead>
<tr>
<th>Category</th>
<th>Income</th>
<th>Expense</th>
<th>Variation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Totals</td>
<td>$538,460</td>
<td>$538,026</td>
<td>$434</td>
</tr>
</tbody>
</table>

It is recommended that this budget be approved and that the Board of Governors be authorized to make adjustments within the limits of the budget as adopted.

It was moved and seconded to approve the International House Budget for 1947-48 and to authorize the Board of Governors to make adjustments within the limits of the budget as adopted, as recommended and, a vote having been taken, the motion was declared adopted.

On behalf of the Chancellor, the Vice-President-Development presented the following recommendation:

It is recommended that the following contributions and grants of $25 or more, and alumni contributions of $100 or more, made or pledged since the last meeting of this Board, be accepted, and that the Secretary of the Board of Trustees express the appreciation of the Board (Gifts and pledges of money reported at this meeting total $107,413)

(The detailed contributions and grants were forwarded to all members of the Board and a copy has been attached to the official copy of the minutes of this meeting)
$152,615 toward the building of a laboratory for the Institute under Supplemental Agreement dated June 25, 1947. (Original gift of $400,000 under agreement of December 21, 1944, bringing total to date to $552,615.)

$18,820 for training of psychiatric social workers. U. S. Public Health Service


$4,000 in support of Fellowships in Human Relations in Industry.

$3,600 in support of Fellowships in Human Relations in Industry.

$2,500 in support of Chapel House operations for 1947-48.

$2,000 for continuation of the study "The Utilization of Amino Acids."

$2,000 to support work to be done on "Proposed Tests of Growth and Toxin Production by Clostridium Botulinum in Vacuum Packaged Bacon."

$1,500 in support of Educational Workshops Summer Courses.

$1,200 in support of research by Dr. E. M. K. Geiling in Department of Pharmacy.
$1,000 in continuation of Dr. H. W. Patman's Fellowship for graduate study in Political Sciences.

$1,000 in support of Scholarships of the Divinity School for 1947-48.

$200 in support of Industrial Relations Program.

$200 in support of Educational Workshop Summer Courses.

$200 in support of Educational Workshop Summer Courses.

$400 credit to Chancellor's Fund #1.

$300 in support of Educational Workshop Summer Courses.

$300 in support of Scholarships awarded to Eleanor R. Gorden and Mary R. Henry for 1947-48.

$300 through the Alumni Foundation in support of the University.

$200 in support of Cancer Research through the University of Chicago Cancer Research Foundation.

$200 in support of Cancer Research through the University of Chicago Cancer Research Foundation.

$200 credit to Chancellor's Fund #1.

$100 to aid study of the Physique of Weight Lifters made by Dr. Neil Campbell under Dr. Krugman's direction.

$100 to be added to the 20th Abbott Fellowship.

$100 in support of Cancer Research through the University of Chicago Cancer Research Foundation.

$40 through the Alumni Foundation in support of the University.

$200 in support of student scholarships.

---

Contributors:

- Waterfall Foundation
- Board of Education and Publication of Northern Baptist Convention
- Franklin Association
- School-City of South Bend, Indiana
- National Conference of Christians and Jews
- Moline Castle Mef
- Board of Education of Lorraine, Illinois
- Edwards Scholarship Fund
- Lyndon E. Leach
- Roy G. Dunn
- Sam Aderich Memorial Club
- John T. Mef
- The Viking Fund
- Samuel Parace
- Mrs. Adelin Kudner
- Mr. E. C. Colwell
- Carol H. Neghinis
$50 in support of School of Medicine.

$50 to be added to Florence Ayscough McNair Fellowship Fund Endowment.

$50 to be added to Florence Ayscough McNair Fellowship Fund Endowment.

$25 through the Alumni Foundation in support of the University.

$25 through the Alumni Foundation in support of the University.

Dallas E. Fehluster
Lectureship Fund

Arthur P. Scott

Mr. & Mrs. Walter S.
Brewster

Dr. Hugh A. Blomgren

Brandon E. Grobe

Chicago Living-in Hospital and Dispensary

Mr. Simon Brown  $100

[for Bonnie Ellen Rubin]

Mrs. George P. Katzenstein  50

Mr. James G. Kellogg  50

Division Fund  25

&/s Henry A. Klein

From the University of Tucuman to the University of Chicago, Volumes I, II and III of Genera & Species Plantarum Argentina.
It was moved and seconded to accept the contributions and grants as tendered, and to instruct the Secretary of the Board to express to the donors the appreciation of the Board, and, a vote having been taken, the motion was declared adopted.

Upon the recommendation of the Committee on Business Affairs (meeting of July 29, 1947) and the Chancellor, presented by the Business Manager,

It was moved and seconded to authorize an appropriation of not to exceed $99,000 from Martin A. Ryerson Trust to cover the purchase of the following properties, lease and restaurant fixtures, and miscellaneous acquisition costs:

a) Vacant lot south of the President's House $12,000
b) 5628-30 Ellis Avenue 30,000
c) 5650 Ellis Avenue 40,000
d) Restaurant Operator's lease, including fixtures 16,000
e) Miscellaneous Acquisition costs (est.) 1,000

Total $99,000

and, a vote having been taken, the motion was declared adopted.

Upon the recommendation of the Committee on Business Affairs (meeting of July 29, 1947) and the Chancellor, presented by the Business Manager,

It was moved and seconded to authorize an appropriation of not to exceed $49,875 from Sundry Gifts Unrestricted Suspense for alterations and equipment of teaching laboratories in Ryerson Physical Laboratory, and, a vote having been taken, the motion was declared adopted.

The Chairman of the Board reported that Mr. Thomas E. Donnelley's eightieth birthday would be celebrated on Monday, August 18, 1947. Mr. Donnelley served twenty-nine years as an active Trustee and has been an Honorary Trustee for the past nine years. His services constitute the third longest term of any Trustee.
The Chairman of the Board submitted the following report:

In reference to the Board of Trustees’ action of underwrit ing certain parts of the new development program from funds now serving as endowment but which may be used to the extent of 5 per cent of the principal per year subject to the affirmative vote of 80 per cent of the Trustees:

You will remember that at the special meeting of the Board held June 30, there were present and voting favorably on this project the following eighteen Trustees:

Graham Aldis
Charles F. Axelson
LeRoy Ball
W. McCormick Blair
Edward Eagle Brown
James H. Douglass, Jr.
Harold Goodman
Paul V. Harper
John Howes, Jr.
Clarence B. Randall
Paul S. Russell
Albert W. Sherer
Harold E. Swift
Henry F. Tenney
Herbert P. Zimmermann

Of the other sixteen Trustees we have received favorable replies from fourteen as follows:

Joseph C. Beaven
William Benison
Cyrus S. Eaton
Marshall Field
Arthur J. Hall
Paul J. Hoffman
Robert M. Hutchins
Fowler B. McConnell
Frank McNair
Walter P. Paepcke
Lessing J. Rosenwald
Edward L. Ryerson
John A. Stevenson
Robert E. Wilson

Ten of these replies were sent to Mr. Daines as authorization to proceed. Others will be sent to him. There were no negative votes.

Thus, we now have authority to proceed with the program as adopted by the Board and under the direction of the Budget Committee.

The report was received and ordered placed on file.

The Chairman of the Board presented the following report:

For the purposes of the record the Special Committee which arranged for the Chancellor’s return to his position is cited to report that he resumed the office of Chancellor on July 1 on a 45 basis at a stated salary of $50,000 per year (it being the belief of the Chancellor and the Committee members that honoraria and other outside activities of the Chancellor will produce for the University approximately half of this sum).
At the June, 1946, meeting of the Board when the 4E basis was under consideration for the Chancellor, it was voted that the Chancellor's outside earnings should be credited to a special fund which has been designated as Chancellor Fund #3 to be expended for official University purposes at his direction, subject to the approval of the Chairman of the Board.

The Committee and the Chancellor feel that the Chancellor's outside earnings should be credited to the University's regular budget as soon as possible but that special projects now supported by the Chancellor's Fund #3 are not sufficiently established to warrant their being assumed in the regular budget at once. This Committee recommends that the Chancellor's outside earnings continue for the present to be credited to the Chancellor Fund #3 and that the Committee have authority to arrange at an opportune time in its judgment to have the outside earnings credited to the regular budget.

Laird Bell
J. H. Douglas, Jr.
Harold H. Swift, Chairman

It was moved and seconded to approve the report as set forth above, and, a vote having been taken, the motion was declared adopted.

The Comptroller submitted the following report:

I regret that due to the added complexities of the University operations and lack of personnel, it has been impossible to complete the usual annual report of the Comptroller in time for presentation at the August meeting of the Board. It is expected that this report will be ready for presentation at the September meeting, which complies with the Board action in August last year.

However, it has been possible to compile for presentation at this meeting the data covering the operation of the University Regular Budget for the fiscal year 1946-47, as well as the status of the Suspense Funds and Reserves as of the close of the year.

It will be recalled that the University Regular Budget covers those educational activities and undertakings of a more or less continuing nature, supported in large part from recurring income; the operations of restricted expendable funds, and gross operations of auxiliary enterprises are excluded, but the net income of certain auxiliary enterprises is included.

The operations under the University Regular Budget reached a new high during the fiscal year 1946-47.
The total operating income was $13,783,902, an increase of nearly $3,000,000 over the prior year, the previous peak. All major items of income, viz., student fees, endowment, patient fees, auxiliary enterprises, sundry and gifts exclusive of amounts from suspense funds, reached new pinnacles.

The expenditures likewise attained a new peak of $13,327,582, an increase of $8,133,079 or 30.7 per cent more than the preceding year.

The reduction in the underwriting support was also most gratifying. The midyear revised University Regular Budget was underwritten to the extent of $936,000 from suspense funds; of this sum it was necessary to use only $107,945.83, a reduction of $828,054.17.

The income and expenditures for the year just closed were as follows:

(See next page)
### 1947-1948 Financial Summary

#### Income:
- **Student fees**: $4,884,089.09
- **Endowment**: $3,731,720.48
- **Patron fees**: $3,203,014.42
- **Auxiliary enterprises (net)**: $195,990.89
- **Sundry**: $1,023,264.72
  - **Total Income**: $13,108,381.60

#### Expenditures:
- **General administration**
- **General expenses**
- **Instructional & research purposes**
- **Retiring allowances and annuity premiums**
- **Plant operation**
- **Student aid**
  - **Total Expenditures**: $14,258,458.61

#### Excess Income:
- **Excess income, consisting of unused restricted income and other reappropriated balances**: $406,319.86

#### Other Notes:
1. Items due to government contracts.
2. Consisting of plant operating expense charged to auxiliary enterprises and certain government contracts.
3. Consisting of unused restricted income, $144,600.23, and unrestricted income to be reappropriated, $261,719.63.

The excess income of $406,319.86 consists of unused restricted income of $144,600.23 and the remainder of $261,719.63 represents reappropriated balances from unrestricted income as provided in Board actions.

Attention is directed to the deduction from expenditures for general overhead allowances amounting to $230,875.97.
### Board of Trustees

August 14, 1947

(previous year $728,517.31) resulting from contracts with the government. These overhead allowances by contract groups were as follows:

<table>
<thead>
<tr>
<th>Contract Group</th>
<th>Allowance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metallurgy</td>
<td>$12,500.07</td>
</tr>
<tr>
<td>Office of Scientific Research &amp; Development</td>
<td>670.66</td>
</tr>
<tr>
<td>Surgeon General</td>
<td>80.28</td>
</tr>
<tr>
<td>Army Specialized Training Project</td>
<td>-19.01</td>
</tr>
<tr>
<td>Chemical Warfare Service</td>
<td>67,604.68</td>
</tr>
<tr>
<td>Rubber Reserve Company</td>
<td>18,469.20</td>
</tr>
<tr>
<td>Veterans Administration</td>
<td>94,304.35</td>
</tr>
<tr>
<td>Navy Research</td>
<td>110,864.51</td>
</tr>
<tr>
<td>Argonne Operations (90% of estimate)</td>
<td>666,907.14</td>
</tr>
<tr>
<td>Argonne Construction</td>
<td>59,394.25</td>
</tr>
<tr>
<td>Sundry</td>
<td>9,036.25</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$930,875.97</strong></td>
</tr>
</tbody>
</table>

The expenditures for the year just concluded were $3,325,427.83 or 30.4 per cent more than the previous year before inclusion of the overhead allowances; after these are deducted in both years, the net expenditures were $2,385,074.17 or 30.7 per cent more than the preceding year. The net expenditures were the highest in the history of the University, the preceding year being the previous peak, and $6,240,023.64 or 88.0 per cent more than 1933-34, the valley year during the last eighteen years.

As mentioned previously, the midyear Revised University Budget was underwritten from Suspense Funds to the extent of $926,000.00. It was necessary to use only $107,949.83, making a reduction of $818,050.17 in the required underwriting.

Stated in another way, the net improvement of $828,050.17 over the budget estimates was brought about as follows:

\[
\text{Add:} \\
\text{Improvement in nonunderwriting income} \quad $287,184.64 \\
\text{Reduction in net expenditures (after applying overhead allowances of $930,875.97)} \quad $6,472,117.29 \\
\text{Subtotal} \quad 13,254,382.95 \\
\text{Deduct:} \\
\text{Provision for unused restricted income} \quad ($164,600.49) \\
\text{and other reappropriated balances ($201,719.05)} \quad 366,319.86 \\
\text{Net improvement} \quad $828,050.17 \\
\text{The required underwriting of $107,949.83 for the year just closed compared with $316,967.13 for the preceding year.} 
\]
However, in 1946-47 there was transferred to Sundry Budget Income $101,700.24 from the principal of funds functioning as endowment whereas in the prior year the amount was only $5,091.90. This fact should be considered in the foregoing comparison.

Reserves and Suspense Funds

The unappropriated balances in unrestricted reserves and suspense funds as of August 1, 1947, were $2,639,756.55 (previous year $2,456,025.85). This total is divided as follows:

<table>
<thead>
<tr>
<th>Account</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Reserve</td>
<td>$1,035,474.50</td>
</tr>
<tr>
<td>Unrestricted Suspense</td>
<td>$1,604,282.05</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$2,639,756.55</strong></td>
</tr>
</tbody>
</table>

It is pertinent to note that the 1947-48 University Regular Budget is underwritten to the extent of $1,398,018, which sum has already been deducted in arriving at the unappropriated balance of $2,639,756.55. It should also be borne in mind that in the plan for financing the top priority projects for plant extension, $443,225 has been earmarked (but not yet appropriated) from the foregoing unappropriated balances in unrestricted reserves and suspense funds. If this latter sum is deducted, there remains free and undesignated the sum of $2,196,531.55.

Attention is also called to the fact that:

1. $1,033,963.71 was added to the unappropriated balance in General Reserve as of June 30, 1947, representing adjustment of overhead allowances on Manhattan District contracts for prior years which had not been taken into the operating accounts because of various uncertainties existing in the calculations,

2. During the year the Board approved an addition of $532,249.87 to General Reserve from the Reserve for unadjusted contract items.

In addition to the foregoing, the University possesses restricted suspense funds in the amount of $518,139.83, a reserve for unadjusted contract items and liquidation expense, amounting to $300,000, and a claim for an undetermined amount of overhead (now estimated at $344,305.89) which may be due in the final settlement of government contracts, and amounts in reappropriated balances as of July 1, 1947, totaling $2,200,797.64 consisting of $1,209,048.41 of unused restricted income balances and $991,698.83 of unappropriated balances.

The report was received and ordered placed on file.

Adjourned.

Secretary
A special meeting of the Board of Trustees was held at the Board Room of the University on Tuesday, September 2, 1947, at 2:30 P.M.

There were present: Mr. Swift in the chair, Messrs. Aldis, Axelson, Beaven, Blair, Brown, Douglas, Field, Goodman, Harper, Hitchins, Randall, Russell, Ryerson, Sherer, Stearns, Temple, Wild, and Zimmermann, also, Messrs. Colwell, Daines, Filbey, Hall, Harrell, Harrison, and Musckow.

Prayer was offered by Mr. Axelson.

The Secretary presented the following copy of the notice of the meeting:

"August 27, 1947

August 27, 1947

There will be a SPECIAL MEETING of the Board of Trustees of The University of Chicago on Tuesday, September 2, 1947, at 2:30 P.M. at the Board Room, 112 South Michigan Avenue.

The purpose of the meeting is to consider a recommendation of the Chancellor of the University in connection with the Clinton Laboratory at Oak Ridge, Tennessee.

The Chancellor of the University stated that the question of the operation of the Clinton Laboratory at Oak Ridge, Tennessee by the University of Chicago had been discussed in general terms at the July and August meeting of the Board of Trustees, and that it had been discussed in addition at a joint meeting of the Committees on Budget and Instruction and Research.

The Chancellor then recommended that:

1. The University undertake the operation and new construction of the Clinton Laboratory at Oak Ridge, Tennessee, as requested by the Atomic Energy Commission, provided contracts can be negotiated with the Commission which give adequate protection to the University; and

2. The Business Manager be authorized to negotiate and execute, subject to the approval of the Chancellor, such contracts with the Atomic Energy Commission for operations and for construction which include satisfactory provisions for working advances, reimbursement of direct expenses, overhead allowances, management fees and other appropriate items, including clauses by virtue of which the University will be held harmless.
The Chancellor then presented the following communications and reports:

UNITED STATES
ATOMIC ENERGY COMMISSION
Washington 25, D. C.

17 JUL 1947

W. C. Munnecke, Esq.
Vice President
University of Chicago
Chicago, Illinois

Dear Mr. Munnecke:

At the meeting which Members of the Commission's staff arranged with you and your associates in Chicago on July 9, 1947, certain aspects of the operation of the Clinton Laboratory were discussed, and the possibility of the operation of this Laboratory by the University of Chicago under contract with the Commission was suggested by the Commission representatives. My present understanding is that the University of Chicago would be willing to explore this possibility in detail if so requested by the Commission.

The Commission has considered this suggested solution to the problems of the Clinton Laboratory and believes that further exploration of the matter between the Commission and the University of Chicago is very desirable. The Commission would like to urge therefore that the University join with our staff in a detailed study of this possibility, with a view to determining as soon as possible whether or not an arrangement for operation of the Clinton Laboratory under your auspices can be worked out.

Very truly yours,

/s/ Carroll L. Wilson
General Manager
August 28, 1947

The University of Chicago

Gentlemen:

You will recall that on July 17th the Commission requested the University of Chicago to join with our staff in exploring in detail the possibility of the operation of the Clinton Laboratories by the University. Since then there has been a number of meetings between our respective representatives. In addition, there have been full discussions with the staff of the Clinton Laboratories and with representatives of the Oak Ridge Institute of Nuclear Studies.

In the discussions to date all questions which have arisen have been settled on a mutually satisfactory basis. It appears, therefore, that matters remaining open can be settled in the course of negotiations for a contract.

Accordingly, the Commission requests that the University of Chicago enter promptly into negotiations with the Commission for the purpose of arriving at a mutually satisfactory contract covering the operation of Clinton Laboratories.

Very truly yours,

/s/ Carroll L. Wilson
General Manager
The proposal provides further that no change would be made in the fixed fee if the annual volume of expenditures increases by 20% or is reduced by 20%. The University would have the right to terminate the contract if annual expenditures for operation fell below $7,500,000. The proposed fee is approximately 5.9% of operating expenditures before the fixed fee.

It is also proposed that the University assume responsibility for new construction at Clinton. The cost of purchasing the fixed fee has not been determined, but it has been agreed by the Commission that the fee will be approximately 2% of the total cost of construction.
The proposal of the Atomic Energy Commission to have the University of Chicago operate Clinton Laboratories has been cleared with the following groups:

1. Scientific and technical staffs of Clinton Laboratories.
2. The Oak Ridge Institute for Nuclear Studies.
4. The Director of Argonne National Laboratory.
5. Representative members of the staffs of the three Institutes: Nuclear Studies, Metals, and Radiobiology and Biophysics.

On behalf of the Chancellor the Business Manager presented the following report:

CLINTON NATIONAL LABORATORIES

Research and Development Program

The Atomic Energy Commission proposes:

I. To develop Argonne National Laboratory and Clinton National Laboratories as parallel but separate and independent research organizations.

II. To make each of these laboratories a strong center in the field of atomic research.

III. To emphasize reactor (pile) research and development at both laboratories.

The major aspects of the program at Clinton National Laboratories, as outlined by the Commission, may be summarized as follows:

A. Research in biology, chemistry, metallurgy and physics on problems related primarily, but not exclusively, to reactors.

B. Development, design, construction and operation of a new type of reactor; this unit to be used:

1. To evaluate the factors involved in the design and
The operation of other types of reactors:

1. As a tool for investigation of basic problems in biology, chemistry, metallurgy and physics.

2. For radio-isotope production.

   The new reactor is expected to be much more effective for these purposes than the one now in operation at Clinton.

3. Investigation of problems of design, construction and operation of high-temperature power reactors, including the testing of component parts.

4. Radio-isotope research and production, using the reactor now in operation at Clinton. (Distribution of radio-isotopes to universities and other research organizations is handled by the Isotope Branch of the Atomic Energy Commission.)

5. Cooperation in research and training with educational institutions in the region, including Alabama, Auburn, Catholic University, Duke, Emory, Georgia Institute of Technology, Kentucky, Louisiana State, North Carolina, Tennessee, Texas, Tulane, Vanderbilt and Virginia. (Such cooperation will probably be arranged largely through the Oak Ridge Institute of Nuclear Studies which was organized and is controlled by the fourteen institutions listed above. It is proposed to enter into a subcontract with the Oak Ridge Institute.)

6. Cooperation with industry by:

   1. Appointment of representatives of industry to serve on advisory committees.

   2. Arranging with industrial companies to give members of their research and engineering staffs leaves of absence to work on problems at Clinton.

   3. Contracting with industrial concerns to handle development problems for which they may have special competence.

There was discussion by members of the Board and by officers of the University of the advantages and disadvantages of complying with the request of the Atomic Energy Commission. The risks involved were discussed. Questions were raised and answered with respect to administrative problems.
After discussion,

It was moved and seconded that, in view of the urgent request of the Atomic Energy Commission; the attitudes of the members of the Oak Ridge Institute of Nuclear Studies and other groups with which the subject has been discussed; and the scientific and administrative strength of the University:

1. The University undertake the operation and new construction of the Clinton Laboratory at Oak Ridge, Tennessee, as requested by the Atomic Energy Commission, provided contracts can be negotiated with the Commission which give adequate protection to the University; and

2. The Business Manager be authorized to negotiate and execute, subject to the approval of the Chancellor, such contracts with the Atomic Energy Commission for operations and for construction which include satisfactory provisions for working advances, reimbursement of direct expenses, overhead allowances, management fees and other appropriate items, including clauses by virtue of which the University will be held harmless.

3. Questions with respect to the contract be referred to the Committee on Business Affairs with power to act.

and, a vote having been taken, the motion was declared adopted.

It was pointed out that this entire question is confidential until the information has been released by the Atomic Energy Commission.

The Chancellor referred to excerpts from a report entitled 'Science and Public Policy: A Program for the Nation' (published Report of August 27, 1947) and the President's statement in connection therewith, both of which were submitted. The Chancellor stated that a copy of the full report would be forwarded in the near future to members of the Board.

The Chancellor referred to the article in the September 1, 1947 issue of Newsweek entitled 'The Atom in Chicago.' Copies of this article will be sent to all members of the Board who were not present at the meeting.

Adjourned.

[Signature]
Secretary
MINUTES OF THE BOARD OF TRUSTEES

September 11, 1947

The regular monthly meeting of the Board of Trustees was held in the Board Room of the University, 122 South Michigan Avenue, on Thursday, September 11, 1947, at 2 P.M.

There were present: Mr. Swift, in the chair; Messrs. Aldis, Behren, Bell, Benton, Blair, Brown, Douglas, Field, Hall, Hendee, Humes, S. Hume, Hume, Jackson, Madison, McNair, Nuveen, Papke, Randall, Rockefeller, Russell, Stern, Sulzberger, Tameny, Wilson, and Zhmeyren, also, Messrs. Colwell, Daines, Filbey, Hall, Harrison, Jacobs, Humes, and Woodward.

Prayer was offered by Mr. Swayne.

The Chairman of the Board welcomed Mr. David Rockefeller to membership on the Board.

The minutes of the meeting held August 14, 1947 and of the Special Meeting of the Board held September 2, 1947, were approved.

The Secretary of the Board presented minutes of the following meetings of standing committees, copies of the minutes having previously been sent to all members of the Board: Committee on Business Affairs, August 26, 1947; Committee on Development, August 20, 1947.

It was moved and seconded to accept the minutes and to approve all actions recorded therein, and, a vote having been taken, the motion was declared adopted.

Secretary reported the death of Honorary Trustee George A. Ranney on Friday, August 15, 1947, at Hot Springs, Virginia. Mr. Ranney was elected a member of the Board of Trustees in 1942 and became an Honorary Trustee in 1944. Mr. Ranney served as Chairman of the Citizens Board from 1941 to 1945. Flowers were sent in the name of the Trustees.

It was moved and seconded to accept the report and to refer the question of a suitable memorial to the Committee on Memorials with power to act, and, a vote having been taken, the motion was declared adopted.
The Chairman of the Committee on Business Affairs presented the following report:

The members of the Board are all familiar with the overall program for building construction and how the funds for that construction are to be provided. The Committee on Business Affairs believes that reports should be made to the Board from time to time as to the progress of the construction and how the expenditures both actual and proposed compare to the estimates underlying the plan.

At the present the Committee has no report with respect to Faculty Housing, the Administration Building, the Heston Institute Building and the Ion-Accelerator Building, though I am sure Messrs. Munnecke and Carroll will be glad to answer questions with respect to these.

The administration has advised the Committee that the project for the Institute Laboratories will need substantial modifications. The plans for this project were based on an estimated cost of $3,400,000. A revision of these plans due to increases in equipment, air conditioning, increase in the number of cubic feet, and increases in the cost per cubic foot would call for an additional expenditure of $1,400,000. Mr. Erikson, the architect, has explained to the Committee how the changes have affected his original estimates.

The administration is taking a new look at the whole project before asking the Committee to approve it to proceed with the detailed architectural plans and the actual construction.

Because the creation of these laboratories is essential to the work of the Institutes it seems almost inevitable that additional funds will have to be provided for this laboratory project. The Board will therefore probably have to alter the over-all plan that has been approved, either by providing additional underwriting, or by delaying one or more of the items which are now included in the plan, but which have a lower priority than the Institute Laboratories.

The Committee recommends that the matter of modifying the plan be referred to the Committee on Budget with power.
It was moved and seconded that the report be accepted and the motion of modifying the plan as indicated above be referred to the Committee on Budget prior to vote, and, a vote having been taken, the motion was declared adopted.

The Chancellor reviewed the status of discussions with the Atomic Energy Commission in connection with the proposed cooperation by the University of Chicago Laboratories at Oak Ridge, Tennessee. The Vice-President-Business Affairs reported on a meeting in New York City with representatives of the Atomic Energy Commission and representatives of industry.

On behalf of the Chancellor the President stated that negotiations were proceeding for the appointment of John A. Thompson of Kansas, a member of the Presbyterian minister and President of the Hendrull College (theological school) as Associate Dean of the Chapel, and of Mr. Robert Cole (a Methodist minister, former assistant to Dean Gilley) as Director of Religious Programs.

The Chancellor reported receipt of the following letter from Mr. Edward L. Ryerson:

"September 9, 1947

Mr. Robert E. Hutchins
The University of Chicago
Chicago, Illinois

Dear Rob:

Mrs. and I have been thinking for some time about the possibility of making a gift to the University of Chicago in memory of our son Morton. We have come to the conclusion that the most satisfying way in which such a gift could be made would be to designate a fund to be assigned to the University's support of work in the Nuclear Institute, since I have no definite convictions about whether this should be specifically set up for the use of fellowships or other purposes, and I expect to make the gift from the Albert Ryerson Memorial Fund for the above purpose and in the amount..."
The question as to whether the fund should be transferred in cash or in securities might properly be considered by the Treasurer of the University of Chicago before any final decision is made as to how to transfer the funds under consideration. We are entirely agreeable to making the transfer in securities in place of cash, if the Treasurer desires to have it handled in this manner. In order to permit you to answer this question I am enclosing, herewith, a list of the securities that would be used if the transfer were made in this form.

I would appreciate it if you would advise me as early as possible as to how you wish the matter handled in order that we may proceed with the completion of arrangements for making this gift to the University of Chicago.

Sincerely yours,

/\ Edward L. Ryerson

The Chairman of the Board, the Chancellor, and other Trustees spoke of the deep pleasure which the action of Mr. and Mrs. Ryerson created. The Chancellor stated that this was the first substantial individual gift in connection with the new Institutes and that it was particularly gratifying to him in view of his efforts on behalf of the Institutes.

It was moved and seconded that the gift of Mr. and Mrs. Ryerson be accepted, and that the Chairman of the Board of Trustees express the deep appreciation of the Board to Mr. and Mrs. Ryerson for their gift to the University. A vote having been taken, the motion was declared adopted.

The Chancellor presented the following recommendation:

The Central Machine Shop of the Division of the Physical Sciences, which serves the Departments of Research Institutes of the Division, and also the Institute of Radiobiology and Biophysics, was located last year in Belfield Hall, in the Laboratory School group of buildings. When the expansion of these facilities became imperative during the year, plans were made for the relocation and Improvement of the Laboratory School facilities.
within the building, and the removal of the facilities for practical art work of the (University) Department of Art to the old Taft Studio property on 60th Street. This work has gone forward on funds transferred from the President's Contingency Fund - Institutes. The cost of building alterations is estimated at $48,035.00, of added salaries in the Central Shop (to the mid-year revision) $20,000.00, and for additional Central Shop capital equipment $92,650.00, or a total of $148,685.00. Of this amount, $20,000.00 was covered out of the Contingency Fund.

It is therefore recommended that $120,000.00 be appropriated to the President's Contingency Fund - Institutes from the Fiftieth Anniversary Matching Suspense Fund.

It was moved and seconded to authorize an appropriation of $120,000.00 from the Fiftieth Anniversary Matching Suspense Fund to the President's Contingency Fund - Institutes as recommended above, and, a vote having been taken, the motion was declared adopted.

The Chancellor presented the following communication:

"The Trustees of the Julius Rosenwald Fund have considered the disposition of the property which has constituted the headquarters of the Fund, the house and grounds at 4901 Ellis Avenue.

The Trustees have thought it fitting that the property be given to the University of Chicago since Mr. Rosenwald was deeply interested in this institution and since the University is carrying on many ideas and projects in which the Fund has been interested. Since the Fund expects to close its work by June 30, 1948, we are prepared to transfer this property at any time that satisfactory arrangements are made during the course of the next twelve months. The officers are authorized to arrange for a transfer of property with these two conditions:

1) that for the present the property be made available by the University, rent free, to two organizations that are associated with the University: the American Council on Race Relations and the National Opinion Research Center;"
2) that the deed of transfer contain a covenant providing that no restriction on the ownership, use, or occupancy of the property or any part thereof based on race, creed, or national origin shall ever be imposed thereon.

If the University wishes to accept the property on these terms, we can proceed at our mutual convenience to the drawing up of deeds and arranging for formal transfer of title.

It was moved and seconded that the Board accept the gift of the house on the terms stipulated in the foregoing letter, providing the Committee on Business Affairs finds that zoning ordinances are such that the property can be used for University purposes, and, a vote having been taken, the motion was declared adopted.

The Chancellor presented the following recommendation:

It is recommended that the following pediatricians be appointed to the Pediatrics Courtesy Staff of the Chicago Lying-in Hospital for the year July 1, 1947 to July 1, 1948:

Dr. Arthur F. Abt
Dr. Lawrence Breslow
Dr. Joseph M. Calvin
Dr. Carl L. Cohen
Dr. William J. Cusenros
Dr. M. Elizabeth Cowling
Dr. Helen Blanchard Dayton
Dr. E. E. Hom
Dr. Julius H. Hess
Dr. Abraham H. Serr
Dr. Ralph E. Hauskater

It was moved and seconded to appoint the pediatricians named above to the Pediatrics Courtesy Staff of the Chicago Lying-In Hospital for the year July 1, 1947 to July 1, 1948, as recommended, and, a vote having been taken, the motion was declared adopted.
The Chancellor presented the following report:

Mr. Bernard Kerelson, Assistant Professor of Education and of Library Science, has been appointed Dean of the Graduate Library School with the rank of Associate Professor, effective September 1, 1947. Miss Frances Besse, Assistant Professor of Library Science, has been appointed Associate Dean effective September 1, 1947. The appointments have been made with the concurrence of the members of the Faculty of the Graduate Library School.

The report was received.

The Chancellor presented the following recommendation:

It is recommended that the contribution of the University toward the pension of Wolfgang C. Liepe under the Contributory Retiring Allowance Plan be set at $2,125.00 per annum beginning October 1, 1947. Mr. Liepe is 59 years old. Present estimates are that this will provide a pension of approximately $100.00 per month when added to Mr. Liepe's contribution of 5 per cent of his salary of $6,000.00 per annum.

It was moved and seconded that the University's contribution toward the pension of Wolfgang C. Liepe under the Contributory Retiring Allowance Plan be set at $2,125.00 per annum beginning October 1, 1947, as recommended, and, a vote having been taken, the motion was declared adopted.

On behalf of the Chancellor, the Vice-President-Development reported on conversations with representatives of the American Cancer Society, including representatives of the Illinois Division of the Society. It appears probable that the American Cancer Society will support cancer research at the University to the extent of $250,000 a year and that the Illinois Division of the American Cancer Society will provide an additional $250,000 a year for such work. It was pointed out in the discussions that the University is expending currently about $800,000 a year on cancer and related subjects and that this figure is expected to double within the next few years. The representatives of the American Cancer Society and the Illinois Division indicated that under such circumstances their support would be increased if fund-raising efforts of the Illinois Division were successful.

On behalf of the Chancellor, the Vice-President-Development presented the following recommendation:
It is recommended that the following contributions and grants of $25 or more, and alumni contributions of $100 or more, made or pledged since the last meeting of this Board, be accepted, and the Secretary of the Board of Trustees be directed to express the appreciation of the Board: (Gifts and pledges of money reported to the Board at this meeting aggregate $43,600).

(The detailed contributions and grants were forwarded to all members of the Board and a copy has been attached to the official copy of the minutes of this meeting.)
$26,570 covering a three-year-grant-in-aid to Dr. Heinrich Kluver for "The Study of Porphyrins."

$20,000 in support of two fellowships in the Institute of Metals, plus expenses for each.

$6,000 in support of the study of protein metabolism in gastro-intestinal diseases including chronic non-specific ulcerative colitis and peptic ulcer.

$5,000 in support of research program of Doctors Kirsner and Palmer on enterogastromes.

$5,000, of which $3,000 is for the renewal of grant for work under Dr. William Burrows - research fellowship in Bacteriology and Parasitology. $2,000 is in support of the work on the evaluation of fungicidal compounds under the direction of Dr. Rothman.

$1,000 in support of Law School Redistricting Project.

$450 represents grant #72 of the Benjamin An­ thony Gould Fund presented through Dr. Stroud of Yerkes Observatory.

$950.35 added to Dallas B. Phsmister Fund by 125 friends through efforts of

$250 in support of publication of German studies under the direction of Professor Bergstrassser.

$50 to be deposited to the credit of Law School Account 4302, Law School Redistrict­
It was moved and seconded to accept the contributions and grants as tendered, and to instruct the Secretary of the Board to express to the donors the appreciation of the Board, and, a vote having been taken, the motion was declared adopted.

On behalf of the Chancellor, the Business Manager presented the following report:

At a meeting of the Committee on Business Affairs held on August 26, 1947, it was voted to recommend to the Board of Trustees an additional appropriation of not to exceed $27,500 from General Endowment No. 2 for building repairs and replacements and furniture and furnishings in the building at 6104 Woodlawn Avenue.

It was moved and seconded that an additional appropriation of not to exceed $27,500 be made from General Endowment No. 2 for building repairs and replacements and furniture and furnishings in the building at 6104 Woodlawn Avenue, and, a vote having been taken, the motion was declared adopted.

The Comptroller presented his annual statement on Financial Highlights of the year 1946-47.

(A copy of this report is attached to these minutes and made a part hereof.)

The report was received and ordered placed on file.

The Treasurer presented the following report:

In a report to the Board of Trustees on May 9, 1946, it was estimated that the residuary estate of Anna J. Bauer, which was bequeathed to the University for use in research on the causes, relief and cure of cancer, would approximate $12,000. For purposes of the record it may now be stated that Miss Bauer's estate has been closed and the amount received aggregated $28,619.97 as follows:

1. On January 6, 1947, the University received in partial distribution of the residuary estate, Certificate C975 10908 for 37 shares of prior preferred stock of Armour and Company which we have given a book value of $4,782.25

2. On March 24, 1947, the University received in final distribution of residuary estate the sum of $23,837.72

Total amount received $28,619.97
The University has undertaken to pay any personal taxes assessed against the estate subsequent to the closing thereof.

The report was received and ordered placed on file.

The Treasurer presented the following report:

At the meeting of your Board held on July 10, 1947, it was reported that the University had been named as one of the residuary legatees under the will of Professor Harley Farnsworth MacNair who died on June 22, 1947. Since then a copy of the will has been received and from it has been learned that in addition to being named as a residuary legatee the University, under the terms of the will, is given all real, personal and mixed property located in Guernsey, Channel Islands, Great Britain, and owned by Professor MacNair at the time of his death. This property consists of a ten room residence and garage, and a half acre field, which are considered to have a present value of approximately £2000. In addition there is a small amount of accumulated rentals held by an attorney who is managing the real estate.

Steps are being taken to clear the University's title and arrange for the sale of the property. It may be difficult to arrange for a sale at this time because of the local courts, because of the housing shortage, and because the courts have deferred right to secure possession for five years and there may be some difficulty in withdrawing Pounds when the sale has been completed.

The report was received and ordered placed on file.

Adjourned.

[Signature]

Secretary
FINANCIAL HIGHLIGHTS

1946-47

Introductory

1. The most outstanding event of the fiscal year 1946-47 was the attainment of new peaks in all major items of current operating income and expense, except for amounts received from and expended for government contracts.

The consolidated operating income, amounting to $25,612,730, was $5,019,150 or 24.4 per cent more than the previous year. The consolidated expenditures likewise were the highest in the history of the University with the exception of 1944-45, when government contracts accounted for over $20,800,000 of the consolidated total in that year.

Despite the rapidly expanding cost of regular University operation, the net financial outcome was most satisfying. Only $164,312 (previous year $396,100) from Suspense Funds was required - $115,466 (prior year $333,167) for support of the University Regular Budget, and $48,846 (preceding year $62,933) for sundry nonrecurring purposes.

In addition, the consolidated income and expenditure statement of the University reveals an excess income of $417,098 (previous year $635,619) which excess consists entirely of unused restricted income and provision for other reappropriated balances.

Leading all other items of increases in income was the increase in revenue from student fees of approximately $1,574,500, or nearly 48 per cent more than the prior year, resulting in an all-time high of $4,884,089. There was also substantial expansion in income from endowment, patients, and sundry sources, all of which reached all-time peaks.

The decrease in the amount of total gifts, grants and bequests received for all purposes from $2,797,981 in 1945-46 to $2,340,234 in 1946-47 was the only significant decline in the receipts of the University.
2. The CONSOLIDATED CURRENT INCOME AND EXPENDITURES of the University for the fiscal year 1946-47 were as follows:

<table>
<thead>
<tr>
<th>Income</th>
<th>Expenditures</th>
<th>Excess Income</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Regular Budget (Includes academic activities on a continuing basis)</td>
<td>$13,733,902.50</td>
<td>$13,327,582.64</td>
</tr>
<tr>
<td>Restricted expendable funds (Includes non-recurring academic projects and certain government contracts)</td>
<td>8,156,506.03</td>
<td>8,156,506.03</td>
</tr>
<tr>
<td>Auxiliary enterprises (Service departments)</td>
<td>3,918,312.43</td>
<td>3,712,675.02</td>
</tr>
<tr>
<td>Subtotal</td>
<td>25,808,720.96</td>
<td>25,196,764.59</td>
</tr>
<tr>
<td>Deduct net income of certain auxiliary enterprises included in University Regular Budget above</td>
<td>195,990.09</td>
<td>-1,137.41</td>
</tr>
<tr>
<td>Consolidated Total</td>
<td>$25,612,730.07</td>
<td>$25,195,622.18</td>
</tr>
</tbody>
</table>

The excess income of $417,107.89 consisted entirely of unused restricted income and provision for reappropriated balances.

Included in the consolidated income are gifts totaling $1,735,624.45, including $1,175,902.00 received for current purposes, and $559,722.45 transferred from gifts received in prior years, held in Scholarship Funds. The amount from gifts ($1,735,624.45) equals the surplus ($1,735,624.45) as of the beginning of the current year.

Of the total income of $25,612,730.07, approximately $9,500,000 came from government sources. Of this amount, $8,294,670.07 is from non-recurring projects and $665,000 is from bookstore sales ($590,409.04) and the balance is shown as Sundry Income.

The consolidated income for the year just closed was $7,003,628 less than 1944-45, the peak year. (In 1944-45, out of a total consolidated income of $32,616,368, more than $20,800,000 came from government sources.)

The consolidated expenditures were $25,195,632.18 or 26.2 per cent greater than those of the previous year.
The operations under the UNIVERSITY REGULAR BUDGET, which includes those educational and research activities of a more or less continuing nature, and the net income of certain auxiliary departments but excludes nonrecurring projects financed from restricted expendable funds and excess operations of all auxiliary enterprises were:

Income (includes $107,949.83 from suspense funds, $237,571.07 in current gifts, and $101,750.21 from funds functioning as endowment) $1,733,902.50

Expenditures, after deducting overhead allowances of $930,875.97 largely from U. S. Government contracts $1,327,582.64

Excess Income, consisting entirely of unused restricted income ($144,600.23) and provision for other reappropriated balances ($201,719.63) $406,319.86

The net expenditures were $3,133,079 or 30.7 per cent more than the preceding year, the previous peak year, and $6,240,023 or 88.0 per cent more than 1933-34, the valley year during the last eighteen years.

The midyear revised University Regular Budget as adjusted was underwritten from Suspense Funds to the extent of $936,000 or $97,949.83 from Suspense Funds, making a reduction of $828,050.17 in the estimated underwriting.

Stated in another way, the net improvement of $828,050.17 over the revised budget estimates was brought about as follows:

Add: Improvement in nonunderwriting income (2.2 per cent of revised estimate) $287,118.64

Reduction in net expenditures (6.6 per cent of appropriations) $947,221.39

Subtotal 1,234,370.03

Deduct: Provision for unused restricted income ($144,600.23) and other reappropriated balances ($201,719.63) $406,319.86

Net Improvement $828,050.17

The required underwriting of $107,949.83 for the year just closed compares with $316,070.13 for the preceding year. However, in 1946-47 there was transferred to Sanday Budget Income $103,790.21 from the principal of funds functioning as endowment, whereas in the prior year the amount was only $7,261.90. This fact should be considered in the foregoing comparison.
4. The STUDENT-FEE INCOME for the year just closed was $4,884,089.09, the highest in the history of the University. It was $1,874,248.11 or 47.6 per cent more than the prior year, the previous peak year. The student-fess income for 1946-47 includes $2,824,475.07 (prior year $695,336.99) paid by the Federal Government as regular student fees but excludes amounts paid by the government under cost training contracts.

5. The STUDENT AID (scholarships, fellowships, and outright grants-in-aid) for the year just closed amounted to $647,800.93, an increase of $289,665.17 over the prior year. This total of $647,800.93 consists of $257,955.27 provided from endowment income and restricted gifts (prior year $185,727.91), $388,629.53 financed from the general funds of the University (prior year $317,720.30), and $61,416.13 from government grants (prior year $54,087.55). The amount referred to as government grants does not include payments by the government for veterans. In addition, income made to students amounted to $230,088.70 (prior year $272,945.85).

6. The PATIENT-FEE INCOME was $3,252,314.42, an increase of $585,975 or 22.0 per cent more than the preceding year. This was the highest income from patients since the hospitals and clinics opened in 1927. The patient-fee revenue of $3,252,314.42 consists of $487,730.89 collected for the professional services rendered to hospital patients by the medical staff, $210,902.89 for services of the X-ray Department to both hospital and ambulatory patients, and $2,553,680.64 for all other services, including board, room, nursing care, out-patient clinics visits, and sundry supplementary departments services.

The comparative revenue for professional and x-ray services in Billings, Roberts, and lying-In Hospitals during the last four years was as follows:

<table>
<thead>
<tr>
<th>Number of Patient Days</th>
<th>Total Income per-Patient Day</th>
<th>Deficit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1943-44</td>
<td>151,369</td>
<td>8.76</td>
</tr>
<tr>
<td>1944-45</td>
<td>154,154</td>
<td>8.89</td>
</tr>
<tr>
<td>1945-46</td>
<td>154,063</td>
<td>9.27</td>
</tr>
<tr>
<td>1946-47</td>
<td>155,899</td>
<td>10.85</td>
</tr>
</tbody>
</table>

This increase in the professional and x-ray fees is most gratifying in view of the increasing salary cost of the medical staff.

7. The HOSPITAL PATIENT-DAY COSTS, INCOME, AND CASH DEFICIENCY during the past four years is shown in the following tabulation:

<table>
<thead>
<tr>
<th>Number of Patient Days</th>
<th>Cost-Patient Day</th>
<th>Income-Patient Day</th>
<th>Deficit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1943-44</td>
<td>96,704</td>
<td>7.07</td>
<td>4.08</td>
</tr>
<tr>
<td>1944-45</td>
<td>97,108</td>
<td>7.81</td>
<td>3.22</td>
</tr>
<tr>
<td>1945-46</td>
<td>98,157</td>
<td>8.80</td>
<td>5.27</td>
</tr>
<tr>
<td>1946-47</td>
<td>99,001</td>
<td>10.95</td>
<td>6.88</td>
</tr>
</tbody>
</table>
It will be observed that there has been a marked increase in the deficit per-patient day during the last four years, which is cause for real concern since this increasing deficit must be financed from the general funds of the University.

The PER-VISIT COSTS, INCOME, AND SURPLUS FOR THE OUT-PATIENT CLINICS located in Billings, Roberts, and the Lying-In Hospitals during the last four years were:

<table>
<thead>
<tr>
<th>Year</th>
<th>Visits</th>
<th>Cost</th>
<th>Income</th>
<th>Surplus</th>
</tr>
</thead>
<tbody>
<tr>
<td>1943-44</td>
<td>150,616</td>
<td>1.71</td>
<td>3.14</td>
<td>1.43</td>
</tr>
<tr>
<td>1944-45</td>
<td>156,431</td>
<td>1.98</td>
<td>3.66</td>
<td>1.68</td>
</tr>
<tr>
<td>1945-46</td>
<td>156,846</td>
<td>2.10</td>
<td>3.66</td>
<td>1.56</td>
</tr>
<tr>
<td>1946-47</td>
<td>166,132</td>
<td>2.13</td>
<td>4.11</td>
<td>1.68</td>
</tr>
</tbody>
</table>

It is pertinent to note that the "surplus" in the Out-Patient Clinics is an accounting fiction, since the so-called "cost per visit" does not include any charge for the salaries of the medical staff and certain invisible laboratory expenses of the Clinical Departments. If these expenses were included in the "cost per visit", it is clear that the records would indicate that the Out-Patient Clinics operate at a deficit.

The operations under UNITED STATES GOVERNMENT CONTRACTS for the year just closed which were separately accounted for amounted to $6,931,721.54 (prior year $6,123,049.24) as follows:

- Use of facilities and other sundry items treated as University Regular Budget income: $18,977.86
- Allotments for general overhead: 688,855.32
- Other contract costs: 6,021,809.36
- Subtotal: 6,931,721.54

In addition to the foregoing, the University was paid or will be paid by various government agencies the sum of:

- For student fees, as well as the sum of:
  - For books and supplies furnished to students (appears as Bookstore Sales in the accounts): 2,254,475.67
  - For other overhead allowances on government transactions not separately accounted for: 292,739.84

Total: $9,512,057.65
10. The total expenditures from RESTRICTED EXPENDABLE FUNDS, representing occasional gifts for designated purposes and arrangements under contracts with the U.S. Government for instruction and research, were $8,156,506.03 ($6,881,285.45 in 1945-46) and a like amount was applied as income in the consolidated statement of income and expenditures. Operations under government instruction, research and student aid contracts accounted for $6,912,852.60 of the total of $8,156,506.03.

On June 30, 1947 there was $2,411,249.10 available for future current expenditure, in accordance with government contracts and restrictions of donors.

AUXILIARY DEPARTMENTS (net income):

<table>
<thead>
<tr>
<th>Department</th>
<th>1945-46</th>
<th>1946-47</th>
<th>Variation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Publication Department</td>
<td>4,329.44</td>
<td>4,731.49</td>
<td>+372.05</td>
</tr>
<tr>
<td>Printing Department</td>
<td>29,095.95</td>
<td>27,463.65</td>
<td>-1,632.30</td>
</tr>
<tr>
<td>Bookstores</td>
<td>40,867.12</td>
<td>38,990.01</td>
<td>-1,877.11</td>
</tr>
<tr>
<td>Home Study Library rental</td>
<td>185.58</td>
<td>186.58</td>
<td>+1.00</td>
</tr>
<tr>
<td>Microscopes rental</td>
<td>6,044.06</td>
<td>7,062.03</td>
<td>+1,018.07</td>
</tr>
<tr>
<td>Quadrangle residence halls</td>
<td>-11,968.32</td>
<td>11,139.45</td>
<td>+23,107.77</td>
</tr>
<tr>
<td>(Includes loss of $16,764.13 in 1945-46 on 8 fraternities)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Woodlawn Hall</td>
<td>1,767.93</td>
<td>2,508.86</td>
<td>+740.93</td>
</tr>
<tr>
<td>Quadrangle commons</td>
<td>35,742.45</td>
<td>35,723.02</td>
<td>-19.43</td>
</tr>
<tr>
<td>Student apartments</td>
<td>6,364.20</td>
<td>4,293.53</td>
<td>-2,070.67</td>
</tr>
<tr>
<td>Nurse Home (6154 Woodlawn)</td>
<td>-790.72</td>
<td>793.35</td>
<td>+3.63</td>
</tr>
<tr>
<td>Nursing housing (temporary)</td>
<td>5,983.25</td>
<td>5,983.25</td>
<td>0.00</td>
</tr>
<tr>
<td>Reynolds Club</td>
<td>5,165.25</td>
<td>6,696.35</td>
<td>+1,531.10</td>
</tr>
<tr>
<td>Midway properties</td>
<td>36,984.44</td>
<td>18,739.62</td>
<td>-18,244.82</td>
</tr>
<tr>
<td>Library microphotographic laboratory</td>
<td>8,470.89</td>
<td>0.00</td>
<td>-8,470.89</td>
</tr>
<tr>
<td>International House</td>
<td>15,922.59</td>
<td>30,778.03</td>
<td>+14,855.44</td>
</tr>
<tr>
<td>Diesel Clubhouse</td>
<td>31.25</td>
<td>415.15</td>
<td>+413.90</td>
</tr>
<tr>
<td>Prefabricated housing</td>
<td>-b</td>
<td>-b</td>
<td>0.00</td>
</tr>
<tr>
<td>Astronomers' residences</td>
<td>1,664.41</td>
<td>1,664.41</td>
<td>0.00</td>
</tr>
<tr>
<td>Argonne lunchroom</td>
<td>1,966.11</td>
<td>1,966.11</td>
<td>0.00</td>
</tr>
<tr>
<td>Armour lunchroom</td>
<td>1,955.75</td>
<td>508.87</td>
<td>-1,446.88</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>145,687.86</td>
<td>205,536.51</td>
<td>+59,848.65</td>
</tr>
</tbody>
</table>

a After receiving subsidies from restricted funds for composition and plates of $7,631.25 in 1945-46 and $21,651.77 in 1946-47.

b No income to University.

c Net expense charged to Clinics and Clinical Departments (included in Schedule B-2f).

d Net expense of Armory lunchroom charged to Metallurgical Special Expense #5 (included in Schedule B-2h).

Gifts, Grants, and Bequests:

The total amount of GIFTS, GRANTS, AND BEQUESTS paid in during 1946-47 for all purposes was $8,156,506.03 ($6,881,285.45 in 1945-46) which came from the following sources:
Foundations and charitable institutions
(Alumni $4,480 in 1946-47) 861,093.36 30.7 1,369,287.55 58.1

Business corporations and groups (Alumni $1,500 in 1946-47) 579,184.87 20.7 404,093.55 17.4

Clubs and organized groups (Alumni $1,067.17 in 1945-46 and $488.10 in 1946-47) 76,968.24 2.8 64,966.56 2.8

Alumni individuals (Trustees $97,612.24 in 1946-47 and $125,186.14 in 1945-47) 238,086.17 7.8 287,788.59 12.3

Non-alumni individuals (Trustees $23,432.14 in 1946-47 and $24,550.46 in 1945-46) 996,602.32 34.9 165,948.24 7.1

Alumni bequests 150,112.17 5.4 3,414 0.1

Non-alumni bequests -216,004.39 7.7 11,924.77 0.2

Total 2,340,333.97 100.0 2,340,333.97 100.0

The total of all alumni contributions for the year just closed was $297,621.40 (prior year $381,340.51) and the total of all Trustee gifts was $183,766.60 (prior year $83,076.17).

Of the total of $5,340,333.97 paid in during the year, $9,290 has been credited to the Fiftieth Anniversary Fund in accordance with the action of the Board of Trustees, July 13, 1939. The balance consists of $221,489.68, representing payments on pledges made or bequests effective prior to July 13, 1939, and $2,109,554.29 representing gifts arranged since the close of the campaign on December 31, 1941.

The gifts collected during the year included $116,831.47 (5.0 per cent of total) for unrestricted purposes; the balance of $2,223,502.50 (95.0 per cent of total) was restricted in some manner.

On June 30, 1947 there were pledges outstanding of $3,027,494.71 for sundry purposes (prior year $2,249,274.65).

Since the incorporation of the University in 1890, the contributions from all sources have aggregated $158,580,697 of which $77,742,946 has been received during the last eighteen years.

Funds and Investments

13. The TOTAL ASSETS owned by the University (excludes those held for others) amounted to $1,379,279,050.97 at June 30, 1947, an increase of $1,39,274,054.97 during the year. The changes in the fund groups comprising the balance sheet are shown in the following tabulation:
14. The book value of ENDOWMENT FUNDS at the close of the year was $71,767,170.53, a net decrease of $754,076.73 during the year. Additions to funds amounted to $354,301.88 during the year of which gifts accounted for $123,973.14, net capital gains, $57,272.34, transfers from other funds, $143,318.53, income added to principal $28,737.87, and proceeds from the sale of property, $1,000. Proceeds from the sale of stock, $2,307,161.05, consisted of transfers to plant funds, $1,002,628.40, transfers to sundry current income, $101,750.21, and transfers to restricted expendable funds, $1,000.

15. The ENDOWMENT INCOME was $3,841,559.18 or 5.33 per cent on the average principal, whereas in the previous year the amount was $3,264,268.74 or 4.55 per cent. In 1929-30, the peak year in rate of return, the rate was 6.2 per cent; the low point of 4.0 per cent came in 1933-34 and 1938-39. The reduction in the earning rate from 6.20 to 5.33 is equivalent to a loss of 14.03 per cent of the principal. The 1946-47 rate of return was the highest since 1929-30.

16. The total gift and current funds invested in PLANT on June 30, 1947 aggregated $45,040,694.75, an increase of $1,151,431.98. This sum is the original cost of laboratory buildings, and equipment of property used for academic purposes without reduction for depreciation.

17. PLANT REPLACEMENT FUNDS amounted to $1,726,788.03 at the close of the year, a net increase of $51,522.76 over that at the beginning of the year.

18. The total MARKET (or appraised) VALUE of all INVESTMENTS owned by the University on June 30, 1947 was $17,842,927.35 or 21.0 per cent more than the book value of $85,041,766.65; a year ago the appreciation was $12,041,766.65 or 27.7 per cent more than the book value of $86,795,325.88. For common and preferred stocks and bonds alone the market was $14,789,353 or 21.1 per cent more than the book value of $869,795,450.
The appreciation was $21,840,118 or 31.2 per cent over the book value of $70,031,237, and on June 30, 1929 was $14,894,944 or 48.4 per cent more than the book value of $30,779,670. On common stocks alone the appreciation on June 30, 1947 was $13,580,337 or 48.3 per cent more than the book value of $28,104,233 (prior year $19,341,271 or 75.9 per cent more than the book value of $25,490,786).

20. The diversification of all investments owned in terms of book and market value as at the close of the year just concluded and the preceding year (excludes investments held for others) was as follows:

<table>
<thead>
<tr>
<th>Per cent Book Value</th>
<th>Per cent Market Value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Bonds</td>
<td></td>
</tr>
<tr>
<td>Preferred stocks</td>
<td></td>
</tr>
<tr>
<td>Common stocks</td>
<td></td>
</tr>
<tr>
<td>Real estate, mortgages and real estate contracts</td>
<td></td>
</tr>
<tr>
<td>Funds in trust</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>6/30/46 - 6/30/47</th>
<th>6/30/46 - 6/30/47</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bonds</td>
<td>42.5</td>
<td>37.8</td>
</tr>
<tr>
<td>Preferred stocks</td>
<td>9.8</td>
<td>11.1</td>
</tr>
<tr>
<td>Common stocks</td>
<td>29.4</td>
<td>33.1</td>
</tr>
<tr>
<td>Real estate, mortgages and real estate contracts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Funds in trust</td>
<td>.2</td>
<td>.2</td>
</tr>
</tbody>
</table>

100.0 100.0 0.0 100.0 100.0 0.0

21. The income on the consolidated investment merger was $3,705,149.74, a return of 5.51 per cent on the average book value of $67,244,482.84. For the previous year the rate was 4.73 per cent. Under the regulations governing the merger, this income was distributed at the rate of 4.81 per cent on the participation value, (which gives effect to the market values of the Pool as well as of funds admitted or withdrawn) whereas in the preceding year the rate was 4.22 per cent.

The Pool had a realized capital loss, including adjustments for funds withdrawn, of $39,990,857 for the year just closed, compared with a capital gain of $442,630.17 for the preceding year.

The market value of the Pool on June 30, 1947 was $85,684,374.62, representing an appreciation of $17,352,855.76 or 25.4 per cent of the book value.

22. The income on the annuity merger was $53,885,992, constituting a return of 3.72 per cent (preceding year 3.38 per cent) on the average capital during the year of $1,450,136.96.

23. The total income from the separately invested equipment funds was $128,125,440, a return of 4.39 per cent on the average fund balances of $4,136,492.51. In the prior year the rate was 5.96 per cent.

24. Investment real estate (includes secured fees, operated real estate, leaseholds, and mortgage equities with an average investment value of $12,315,197.84) earned a rate of 7.33 per cent on net book value after providing for depreciation, as compared with 6.38 per cent in the preceding year.
The rate for secured fees (average investment value $6,225,305.01) was 9.04 per cent (prior year 9.02 per cent), for operated real estate (average investment value $4,556,206.74) was 4.47 per cent (preceding year 4.76 per cent), for leaseholds (average investment value $320,600.10) was 4.81 per cent (previous year 2.6 per cent), and for mortgage equities (average investment value $112,865.99) was 2.96 per cent (prior year 2.90 per cent).

25. The RESIDENCE HALLS FOR MEN (an endowed investment to the extent of 60 per cent of the cost) was occupied during the fiscal year 1946-47 by civilian students only. The net operating income, before provision for amortization of the endowed investment, was $87,352.44, an increase of $25,857.02 over the previous year.

After deducting $33,046 for amortization of the endowed investment (50-year period), the 1946-47 net income was $64,406.44, constituting a return of 7.54 per cent on the unamortized endowed principal ($852,714.37) at the beginning of the year. This is the highest rate of return during the sixteen years that the Halls have been in operation; the rate in the prior year (4.99 per cent) was the previous high.

The original sum advanced from endowment funds was $1,052,707.69 and the unamortized balance on June 30, 1947 was $829,668.37.

26. The additions to ANNUITY and LIVING TRUST FUNDS balances for the year amounted to $74,690.12 from income on investments, $181.10 from gifts, and $117.51 from capital gains on investment transactions. These deductions consisted of annuities and trust income paid, amounting to $10,701.62, a transfer of $4,874.10 to sundry current income of the University Regular Budget, as provided for in the terms of a living trust, and a transfer of $37,959.52 to endowed for a matured annuity (Lamson) and a matured living trust (Lamson). The balance of funds at the end of the year was $1,830,550.06, a decrease of $82,765.35 during the year. So far the University has not sustained any out-of-pocket losses from obligations assumed under annuity agreements.

27. The REAL ESTATE TAXES on property owned by the University during the year 1946-47 amounted to $290,990.56. In addition, the real estate taxes paid by lessees applicable to improvements on secured fees owned by the University amounted to $383,748.89. The total of these two items is $674,739.45, a decrease of $30,558.49 from the previous year, due to disposal of investment real estate.

28. The UNAPPROPRIATED BALANCES IN UNRESTRICTED RESERVES AND SUSPENSE FUNDS as of August 1, 1947 were $2,639,756.55 (previous year $2,458,075.86). This total is divided as follows:

| Reserves and Suspense Funds | $1,075,474.60 |
| Unrestricted Suspense Funds | 1,604,282.05 |
| Total | $2,639,756.55 |
It is pertinent to note that the 1947-48 University Regular Budget is underwritten to the extent of $1,398,018, which sum has already been deducted in arriving at the unappropriated balance of $2,639,756.55. It should also be borne in mind that in the plan for financing the top priority projects for plant extension, $413,725 has been earmarked (but not yet appropriated) from the foregoing unappropriated balances in unrestricted reserves and suspense funds. If this latter sum is deducted, there remains free and undesignated the sum of $2,226,031.55.

Attention is also called to the fact that:

a. There was added to the unappropriated balance in General Reserve as of June 30, 1947 the sum of $1,033,963.71, representing adjustment of overhead allowances on Manhattan District contracts for prior years which had not been taken into the operating accounts because of uncertainties existing in the tentative calculations, and

b. During the year the Board approved an addition of $532,249.87 to General Reserve from the Reserve for unadjusted contract items which has been established out of income during the war years to meet possible contract contingencies.

In addition to the foregoing, the University possesses restricted suspense funds in the amount of $518,129.83, a reserve for unadjusted contract items and miscellaneous expense, accounting to $50,000, a claim for an unexhausted amount of overhead (now estimated at $44,024.85) which may be due in the final settlement of government contracts, and a total of $2,026,777.44 in General Funds Surplus, designated as Reappropriated Balance, consisting of $1,009,098.41 in unexpended restricted income and $917,698.03 in unrestricted balances.
The regular monthly meeting of the Board of Trustees was held in the Board Room of the University, 112 South Michigan Avenue, on Thursday, October 9, 1947, at 2 P.M.

There were present: Mr. Swift, in the chair, Mr. Stark, Messrs. Aldis, Amdson, Beaven, Bell, Donlon, Brown, Donnelly, Field, Hall, Hutchins, McDonald, McGetr, Seave, Kendall, Russell, Ryerson, Sherer, Smith, Starr, Sulzberger, Tammy, and Swann, also, Messrs. Daines, Filbey, Hall, Harrison, Jacoby, Nance, and Woodward.

Prayer was offered by Mr. Sherer.

Mr. Randall, Chairman of the Committee on Nominations, nominated Mr. Gaylord Donnelley as a Trustee in Class 2, term expiring with the annual meeting in 1948.

It was moved and seconded to instruct the Secretary of the Board to cast the ballot on behalf of the Trustees present for the election of Gaylord Donnelley as Trustee in Class 2, term expiring with the annual meeting in 1948, and 22 Trustees being present and voting in favor thereof, the motion was declared adopted.

Whereupon the Secretary of the Board reported that he had cast the ballot as directed and the Chairman of the Board declared Gaylord Donnelley elected a Trustee in Class 2, term expiring with the annual meeting in 1948.

Mr. Donnelley was then escorted into the meeting by Trustee Randall, Chairman of the Committee on Nominations, and Trustee McConnell, Chairman of the Committee on Business Affairs.

The Chairman of the Board of Trustees welcomed Mr. Donnelley to the privileges and responsibilities of Trusteeship.

The minutes of the meeting held September 11, 1947, were approved.

The Secretary of the Board presented minutes of the following meetings of standing committees, copies of the minutes having previously been sent to all members of the Board: Committee on Budget, October 1, 1947, joint meeting of the Committee on Budget and the Committee on Instruction and Research, October 2, 1947, Committee on Business Affairs, September 3, 1947, and Committee on Development, September 18, 1947.

It was moved and seconded to accept the minutes and to approve all actions recorded therein, and, a vote having been taken, the motion was declared adopted.
The Secretary of the Board submitted the following report:

I regret to report the death of Andrew Cunningham McLaughlin, Professor Emeritus of History, on September 24, 1947. Mr. McLaughlin was appointed Professor of History in 1906 and served until his retirement in 1929. He served as Head of the Department of History from 1906 to 1927 and as Head of the Department of Church History from 1908 to 1929.

The report was received and ordered placed on file.

Upon the recommendation of the Secretary of the Board of Trustees,

It was moved and seconded to adopt the following resolution:

WHEREAS, a Reserve Officers' Training Corps has been established by the United States Government at The University of Chicago for the medical students of said University in connection with which training program certain Government property required for the Reserve Officers' Training Corps will be issued to the University, and

WHEREAS, it is necessary that the University as a participant in such training program (a) deliver a bond for the care and safe-keeping of the property received from the Government, which bond shall be executed on behalf of this corporation by an officer thereof duly authorized, and (b) appoint a military property custodian responsible for the requisitioning, receiving, storing, using, and accounting for all Government property received by the University as aforesaid, and for its return when required,

NOW, THEREFORE, Be it resolved that W. B. Harrell, Business Manager of The University of Chicago, be and he is hereby authorized to execute and deliver on behalf of this corporation such bond or bonds and other instruments, as may be required by the United States Government for the care and safe-keeping of the property turned over to The University of Chicago under the Reserve Officers' Training program that has been established at the University, and that H. B. Mathews, Assistant Business Manager of The University of Chicago, be and he is hereby appointed and designated as military property custodian responsible for the requisitioning, receiving, storing, using, and accounting for all Government property received by this corporation in connection with said Reserve Officers' Training program, and for its return when required, and
BE IT FURTHER RESOLVED, that the Secretary or an Assistant Secretary of this Board be and he is hereby authorized to affix and attest the seal of this corporation when required to validate or complete any instrument executed by the said W. B. Harrell or H. B. Matthews in pursuance of the authority granted hereunder;

and, a vote having been taken, the motion was declared adopted.

The Secretary of the Board reported that at the meeting of the Committee on Budget held on October 1, 1947, it was voted to recommend to the Board of Trustees that:

1. William B. Harrell, Business Manager of the University, be made responsible for the business administration of the Argonne and Clinton National Laboratories, University construction, Government contract negotiations, legal matters and allied areas; and that his compensation be increased from $13,500 to $15,000 a year, effective October 1, 1947;

2. Howard B. Matthews, Assistant Business Manager of the University, be appointed Associate Business Manager of the University with responsibility for plant operations, auxiliary enterprises, Purchasing Office, Bursar's Office, and other activities of the Business Manager's office not specifically assigned to Mr. Harrell; and that his compensation be increased from $10,000 to $12,000 a year, effective October 1, 1947.

It was moved and seconded to make the changes in the appointments of Messrs. Harrell and Matthews and to approve the salary increases, effective October 1, 1947, as recommended, and, a vote having been taken, the motion was declared adopted.

The Chairman of the Board reported on the action of the Committee on Budget with respect to the new Research Institute Buildings and on the increase of the underwriting for these buildings. The action of the Committee is given in full in the minutes of the Committee on Budget of October 1, 1947.

The Chancellor of the University reported that enrollment for the Autumn Quarter would approximately equal enrollment for the Autumn Quarter last year and would be about 7,000 students on the quadrangles compared with anticipated enrollment, on which the budget was based, of 6,400. He stated that the University's experience on enrollment appears to be general throughout the country although no specific figures are available for comparison. He stated further that the Central Administration is reviewing expense budgets in the light of the enrollment situation.
The Chancellor reviewed fund-raising activities and stated that the support of industry is still uncertain as to degree.

The Chancellor reported on conversations with members of the Atomic Energy Commission and the General Manager and the Director of Research of the Atomic Energy Commission and said they expressed pleasure with relationships with the University in the matter of the Clinton National Laboratory.

The Chancellor presented the following recommendation:

After conversations with Mr. Edward L. Ryerson, it is recommended that the Morton Butler Ryerson Memorial Fund of $100,000 be allocated to endowment and that the income thereof be used for the support of the Institute of Nuclear Studies, the Institute of Metals, and the Institute of Radiobiology and Biophysics, including fellowships, and with the further understanding that the principal of the Fund may be used for similar purposes if the unanimous consent of the Trustees present at any regular meeting is obtained.

The policy of the University with respect to the permanency of funds was discussed and it was agreed that the Chancellor would discuss this question with Mr. Ryerson and that any future policy adopted would apply to the Morton Butler Ryerson Memorial Fund.

It was moved and seconded to allocate $100,000 of the Morton Butler Ryerson Memorial Fund to endowment and that the income thereof be used for the support of the Institute of Nuclear Studies, the Institute of Metals, and the Institute of Radiobiology and Biophysics, including fellowships, and with the further understanding that the principal of the Fund may be used for similar purposes if the unanimous consent of the Trustees present at any regular meeting is obtained, and, a vote having been taken, the motion was declared adopted.

The Chancellor presented the following recommendation:

It is recommended by the Committee on Instruction and Research that the following physicians and surgeons be appointed to the staff of the Home for Destitute Crippled Children for the year beginning October 1, 1947:

**Department of Surgery**

*Division of General Surgery:
Dr. Lester R. Dragstedt
Dr. Dallas H. Phemister*

*Orthopedic Surgery:
Dr. C. Howard Butter
Dr. Robert D. Moore
Dr. Mary S. Sherman*

*Urology:
Dr. Charles B. Higgins*
It was moved and seconded to appoint the physicians and surgeons named above to the staff of the Home for Institute Crippled Children for the year beginning October 1, 1947, as recommended, and, a vote having been taken, the motion was declared adopted.

The Chancellor presented the following recommendation:

It is recommended by the Committee on Instruction and Research that the following members of the various Boards of the University as listed below be appointed to serve for the academic year 1947-48.

### Board of University Publications

<table>
<thead>
<tr>
<th>Name</th>
<th>University</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. T. Coulter</td>
<td>Director of the Press, ex officio</td>
</tr>
<tr>
<td>The Secretary of the Faculties, Secretary</td>
<td></td>
</tr>
<tr>
<td>M. P. Sherr</td>
<td>M. P. Smith</td>
</tr>
<tr>
<td>J. L. Cole</td>
<td>J. C. Smith</td>
</tr>
<tr>
<td>H. Edwards</td>
<td>W. M. Tallent</td>
</tr>
<tr>
<td>F. Eggan</td>
<td>A. H. Sibley</td>
</tr>
</tbody>
</table>

### Board of the Library

<table>
<thead>
<tr>
<th>Name</th>
<th>University</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. T. Hassen</td>
<td>Director of the Library, ex officio</td>
</tr>
<tr>
<td>The Secretary of the Faculties, Secretary</td>
<td></td>
</tr>
<tr>
<td>M. M. Deems</td>
<td>M. P. Sibley</td>
</tr>
<tr>
<td>C. P. Miller</td>
<td>C. S. Smith</td>
</tr>
<tr>
<td>Francine S.</td>
<td>E. C. Hughes</td>
</tr>
<tr>
<td>C. P. Miller</td>
<td>W. R. Stone</td>
</tr>
<tr>
<td>E. C. Hughes</td>
<td>R. R. Johnson</td>
</tr>
<tr>
<td>R. A. Middendorp</td>
<td>Helen Wright</td>
</tr>
</tbody>
</table>

### Board of Trustees

<table>
<thead>
<tr>
<th>Department of Surgery (Continued)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye:</td>
</tr>
<tr>
<td>Dr. Arlington C. Krause</td>
</tr>
<tr>
<td>Ear, Nose, and Throat:</td>
</tr>
<tr>
<td>Dr. John R. Lindsay</td>
</tr>
<tr>
<td>Dr. Stanley E. Hoffman</td>
</tr>
<tr>
<td>Dr. Edward J. Schermer</td>
</tr>
<tr>
<td>Department of Pediatrics:</td>
</tr>
<tr>
<td>Dr. F. Howell Wright</td>
</tr>
<tr>
<td>Dr. Paul C. Hedges</td>
</tr>
</tbody>
</table>

| Department of Medicine:         |
| Diag. Gen. Med.:                |
| Dr. L. T. Coggeshall            |
| Dr. Robert G. Blaik             |
| Psychiatry:                     |
| Dr. Henry W. Eason              |
| Dr. Arnie Z. Eason              |
| Dr. Henry W. Eason              |
| Dr. Arnie Z. Eason              |
| Dr. Paul C. Hedges              |

It was moved and seconded to appoint the physicians and surgeons named above to the staff of the Home for Institute Crippled Children for the year beginning October 1, 1947, as recommended, and, a vote having been taken, the motion was declared adopted.

The Chancellor presented the following recommendation:
The Board of Examinations

B. M. Tyler, University Examiner, ex officio
The Secretary of the Faculties, Secretary

L. Carnovsky
G. V. Cox
J. R. Davey
R. Einarson
W. C. Halstead
H. Kalven, Jr.

The Board of Radios

G. E. Probst, Executive Secretary of the Radio Office, ex officio
The Secretary of the Faculties, Secretary

G. G. Cameron
A. O. Craven
A. Friedman
W. C. Halstead

It was moved and seconded to appoint the persons named above as members of University Boards to serve for the academic year 1947-48, as recommended, and, a vote having been taken, the motion was declared adopted.

Mr. Benton reported on the Encyclopaedia Britannica. He stated that he had resumed the Chairmanship of the Board of Directors, that Mr. Hutchins has resigned as Chairman of the Executive Committee, and that Mr. Houghton had been elected Chairman of the Executive Committee and a member of the Board of Directors. Mr. Houghton is expected to spend full-time on the Britannica within the next few months. Mr. Benton reviewed the sales of Britannica from 1942 ($4,800,000) to the estimated sales for 1947 ($16,400,400). He reviewed the commitments, working capital, receivables, and cash positions of Britannica. He stated that Britannica would operate at a profit of about $1,720,000 in 1947 before taxes but that about $1,000,000 of this amount would be invested in new projects.

Mr. Benton reviewed the needs of Britannica for additional capital and stated that various methods of providing this capital were still under discussion. He said that royalty payments to the University in the amount of $468,000 probably would not be paid in cash this year but that the cash position of the Britannica should be satisfactory by the end of 1948.
Mr. Bent on then reviewed the operations of the Encyclopedia Britannica Films, Inc. He stated that without price increases the gross income from sales of films had increased from $451,000 in 1943, the first year of operation by Britannica, to an estimated $1,116,000 in 1947, and that in his judgment the film company would operate at a net profit before taxes of about $100,000 in 1948.

Mr. Stuart, Mr. Hutchins, and Mr. Benton each stated that it would take time for Britannica to work out of its present bad cash position but that the Britannica was a sound property and a great asset to the University.

On behalf of the Chancellor, the Vice-President-Development presented the following recommendation:

It is recommended that the following contributions and grants of $25 or more, and alumni contributions of $100 or more, made or pledged since the last meeting of this Board, be accepted, and the Secretary of the Board of Trustees be directed to express the appreciation of the Board: (Gifts and pledges of money reported to the Board at this meeting aggregate $203,220.16)

(The detailed contributions and grants were forwarded to all members of the Board and a copy has been attached to the official copy of the minutes of this meeting)
$5,000 in furtherance of Character Study Work

$4,000 in support of scholarships

$2,712.71 contributed in honor of 45th Wedding Anniversary of Mr. & Mrs. David B. Stern in support of Cancer Research thru the Cancer Research Foundation, as follows:

- Dr. & Mrs. Walter G. Stern
- Dr. & Mrs. Alfred E. Stern
- Mr. & Mrs. Carl W. Stern
- Mr. & Mrs. David B. Stern
- Mr. & Mrs. Herbert A. Leeb
- Mr. & Mrs. A. S. Skol
- Mrs. Robert H. Schaffner
- Mr. & Mrs. Charles Stimson
- Mr. & Mrs. Morgan A. Gunst
- Mrs. Morgan A. Gunst

$2500 for furtherance of Dr. Geiling's study on the Mechanism of Drug Resistance

$500 balance due on scholarships of
- Eleanor B. Gordon
- Mary F. Henry
- Mr. Herbert Bailey

$500 for the continuance of research by Dr. Living on Hypertension allelism, as follows:

- $500
- $50. In honor of Mrs. Samuel Lilienthal's Birthday
- $50

$50 for fellowship grant to Salter G. Taylor for winter, winter and spring quarters

$500 in part payment of expenses of

$500 thru Alumni Foundation in Support of
the University

Chicago Alumni Hospital and Dispensary

Mrs. Albert B. Harris
Mrs. E. E. Mab"
$100,000 for the Morton Butler Ryerson Memorial Fund for Nuclear Studies (reported verbally at September meeting of the Board and acknowledged. No further acknowledgment necessary.)

$25,000 for the furtherance of Rural Editorial Service (see their letter July 29, 1947).

$25,000 in support of work in organic chemistry by Dr. M.S. Earle (to be made available in four quarterly installments)

$15,000 to aid in support of the Orthogenic School

$4,500 in support of work of Dr. O.H. Robertson on glycolyseologe

$4,574.45 in support of the anthropological field trip to South and East Africa, $2,457.45 of which is for research in physical anthropology with particular reference to cranial form.

$5,000 for a fellowship in the Institute of Radiobiology and Bio-physics

Mr. & Mrs. Edward L. Ryerson

W.E. Kellogg Foundation

Research Corporation

Sonia Shankman Foundation

Research Corporation

Viking Fund, Inc.

Eli Lilly Company
It was moved and seconded to accept the contributions and grants as tendered, and to instruct the Secretary of the Board to express to the donors the appreciation of the Board, and, a vote having been taken, the motion was declared adopted.

The Vice-President-Development submitted the following report:

Mr. Paul H. Douglas, Professor of Economics at the University of Chicago, gave an address before the Citizens Board on Tuesday, September 30, 1947, the subject of which was, "The Second Wave."

It is with regret that we report the death of Howard Vincent O'Brien on September 30th. Mr. O'Brien had been a member of the Citizens Board since May, 1940.

The report was received and ordered placed on file.

The Vice-President-Development reported on the luncheon meeting of the Committee on Development, to which all members of the Board were invited, held immediately preceding this meeting of the Board.

The officers were excused and the Board of Trustees went into executive session.

(The Chairman of the Board of Trustees reported subsequently that the question under discussion, involving an administrative appointment, had been referred to the Committee on Budget with power to act.)

The Chairman of the Board reviewed the function of the annual Trustees Dinner to the Faculty and stated that the last paragraph of the report of the Special Committee on the Trustees Dinner to the Faculty presented to the Board at its meeting on February 13, 1947, read as follows:

"Each year reports reach the dinner committee about the enthusiasm of Faculty members over the annual gathering. We therefore recommend that this traditional event be continued but that in 1948 it be held in the month of May. We further recommend that the guest-list be carefully reviewed with the possibility of limiting invitations to full-time faculty and administration personnel."

He then stated that the following action was adopted by the Board at that meeting:

"It was moved and seconded to accept the report, to continue the Special Committee on the Trustees Dinner to the Faculty, and to request the Secretary of the Board to raise the question of the date of the Trustees Dinner at the September meeting of the Board of Trustees, and, a vote
having been taken, the motion was declared adopted."

It was moved and seconded that the Chairman of the Board appoint a Special Committee on the Trustees Dinner to the Faculty, with power to set on the question of the date of the Dinner, and, a vote having been taken, the motion was declared adopted.

The Chairman of the Board subsequently appointed the following as members of the Special Committee on the Trustees Dinner to the Faculty: Mr. Axelson, Chairman, Messrs. Goodman and Buresen.

The Chairman of the Board stated that, in his judgment, the Trustees of The University of Chicago Cancer Research Foundation are performing work of great importance for the University.

The Chairman of the Board reported that Mr. Donnelley is the fifth member of the Board who is the son of a former member of the Board and that the record on this subject is as follows:

<table>
<thead>
<tr>
<th>Name</th>
<th>Date of Trusteeship</th>
<th>Name</th>
<th>Date of Trusteeship</th>
</tr>
</thead>
<tbody>
<tr>
<td>Donnelley</td>
<td>1909-38 Honorary,1938-</td>
<td>Donnelley</td>
<td>1947-</td>
</tr>
<tr>
<td>Harper</td>
<td></td>
<td>Harper</td>
<td></td>
</tr>
<tr>
<td>William</td>
<td>1908-1909</td>
<td>Paul</td>
<td>1941-</td>
</tr>
<tr>
<td>Holden</td>
<td>1921-1900</td>
<td>Solon</td>
<td>1937-</td>
</tr>
<tr>
<td>Rockefeller</td>
<td>1920-1900</td>
<td>David</td>
<td>1947-</td>
</tr>
<tr>
<td>Julius</td>
<td>1918-1932</td>
<td>Lessing Jr.</td>
<td>1937-</td>
</tr>
</tbody>
</table>

The Comptroller presented a report on new appointments and changes in appointments for the period from July 1, 1947, through September 30, 1947. A summary of the report is as follows:

(See next page)
Board of Trustees

Summary

New Appointments and Changes in Appointments of the Academic and Non-Academic Staff whose Salaries exceed $5,000 per Annum

Made and Accepted during the period July 1, 1947, through September 30, 1947

I. Total Amount

<table>
<thead>
<tr>
<th>New Appointees</th>
<th>Total Amount</th>
<th>Average Salary on Annual Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Professors</td>
<td>1</td>
<td>$9,000</td>
</tr>
<tr>
<td>Associate Professors</td>
<td>3</td>
<td>$19,000</td>
</tr>
<tr>
<td>Assistant Professors</td>
<td>1</td>
<td>$8,000</td>
</tr>
<tr>
<td>Others</td>
<td>4</td>
<td>32,414</td>
</tr>
<tr>
<td>Non-academic</td>
<td>13 (22)</td>
<td>84,100</td>
</tr>
</tbody>
</table>

II. Promotions:

<table>
<thead>
<tr>
<th>Promotions</th>
<th>Total Amount</th>
<th>Average Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Assistant Professor to Associate Professor</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Associate Professor to Professor</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Non-academic</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

III. Salary Increases:

<table>
<thead>
<tr>
<th>Salary Increases</th>
<th>Total Amount</th>
<th>Average Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic</td>
<td>41</td>
<td>41,500</td>
</tr>
<tr>
<td>Non-academic</td>
<td>16</td>
<td>7,150</td>
</tr>
</tbody>
</table>

IV. Reappointments without change in salary

<table>
<thead>
<tr>
<th>Reappointments</th>
<th>Total Amount</th>
<th>Average Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Non-academic</td>
<td>10</td>
<td>73,000</td>
</tr>
</tbody>
</table>

V. Leaves of Absence

<table>
<thead>
<tr>
<th>Leaves of Absence</th>
<th>Total Amount</th>
<th>Average Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>36,000</td>
<td></td>
</tr>
</tbody>
</table>

VI. Resignations

<table>
<thead>
<tr>
<th>Resignations</th>
<th>Total Amount</th>
<th>Average Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>73,000</td>
<td></td>
</tr>
</tbody>
</table>

Note: Includes $3,375 travel allowance.

Adjourned.

Secretary
MINUTES OF THE BOARD OF TRUSTEES
November 13, 1947

The regular monthly meeting of the Board of Trustees was held in the Board Room of the University, 112 South Michigan Avenue, on Thursday, November 13, 1947, at 2:00 p.m.

There were present: Mr. Swift, in the chair, Messrs. Aldis, Axelson, Beaver, Bildt, Brown, Douglas, Eaton, Goodman, Hilt, Harper, Nuveen, Randall, Russell, Sherer, Smith, Stern, Tenney, and Zimmermann; also, Messrs. Cobwell, Daines, Filbey, Hall, Humecke, and Woodward.

Prayer was offered by Mr. Nuveen.

The minutes of the meeting held October 9, 1947, were approved.

The Secretary of the Board presented minutes of the following meetings of standing committees, copies of the minutes having previously been sent to all members of the Board: Committee on Budget, October 15, 1947; Committee on Business Affairs, October 21, 1947; and Committee on Development, October 9, 1947 (two meetings).

It was moved and seconded to accept the minutes and to approve all actions recorded therein, and, a vote having been taken, the motion was declared adopted.

The Chairman of the Board reminded the Trustees of the custom of annual subscriptions to the Trustees Fund, and stated that contributions to the Administration Building Fund constituted contributions to the Trustees Fund.

The Secretary of the Board submitted the following report:

I regret to report the death of Frank R. Lillie, Andrew MacLeish Distinguished Service Professor Emeritus of Embryology, Dean Emeritus of the Division of the Biological Sciences, on November 6, 1947. Mr. Lillie served as a member of the faculty of the University of Chicago from 1900 until his retirement in 1935.

The report was received and ordered placed on file.

The Chairman of the Committee on Business Affairs presented the following report on the progress of building construction projects:

1. Administration Building - Holabird and Root are the Architects and the W. J. Lynch Company is the general Contractor.

Work on the project started in September, 1946. The concrete work has been completed and about 65% of the stone is in place. The sash has been installed in the basement and first floor and the mechanical installations are proceeding.
The Contractor originally estimated that the building would be completed in October, 1947. Construction was delayed due to the shortage of labor and materials, and it is now expected that the building will be finished early in June, 1948.

The original estimate of the cost of the building was $1,250,000. It is anticipated that the final cost will be within the revised estimate of $1,400,000.

2. Ion Accelerator Building - Schmidt, Garden and Erikson are the Architects and the J. W. Snyder Company is the general Contractor.

Work was started in July, 1947. The excavation for the basement and the cyclotron pit has been completed. The concrete foundation slab and the outer shell of the cyclotron pit, representing about 90% of the concrete work for the pit, have been poured. The south wall of the basement has been erected and footings for the columns have been partially completed. The Contractor estimates that the building will be finished in September, 1948.

The final cost of the building will, it is estimated, be within the original construction budget of $1,250,000.

3. American Meat Institute Foundation Building - Burnham and Hammond are the Architects and the S. N. Nielsen Company is the general Contractor.

Excavation was started in July, 1947. All of the concrete foundations, the basement walls and the first floor slab have been poured. The stone work is in place for the east half of the building up to the first floor window sills. The stone base course has been set on all other walls. Forms and reinforcing for the first story columns are in place. The Contractor estimates that the building will be completed in June, 1948.

All of the funds for this project are to be provided as needed by the American Meat Institute Foundation. It is estimated that the building can be completed within the original budget of $552,615.

4. Faculty Apartment Buildings - Philip D. Maher is the Architect and the J. E. Lynch Company is the general Contractor. This project includes one nine-story elevator building and two three-story buildings - a total of 47 apartments.

Work was started early in July, 1947. Concrete foundations and first and second floor slabs are framing for the elevator building have been poured. The concrete foundations, walls and the first floor slabs have been poured for the three-story
buildings. The brick exterior walls for the three-story buildings have been completed to the first floor level. The underground steam and electrical service connections are now being installed.

It is expected that this group of buildings can be completed within the original estimate of $750,000. The Contractor's construction schedule calls for completion by August, 1948.

The report was received and ordered placed on file.

The Chairman of the Committee on Memorials presented the following Memorial for George A. Ranney:

It seems fitting to the members of the Committee on Memorials that they should present a minute at this meeting in honor of our colleague, Mr. George Alfred Ranney, who died on August 15, 1947. We therefore submit the following for adoption:

George A. Ranney served as a member of the Board of Trustees of The University of Chicago from 1943 to 1944 when he became an Honorary Trustee. He also gave valued service as Chairman of the Citizens Board from 1941 to 1945, when he requested that he be relieved of that responsibility because of ill health.

Mr. Ranney was born in Chicago, Illinois, on July 13, 1874. He was connected with the Bank of Montreal, Chicago, from 1889 to 1898; with McCormick Harvesting Machine Company from 1898 to 1902; with International Harvester Company from 1902 to 1933. He served as Vice-Chairman and Director of Commonwealth Edison Company, Peoples Gas Light and Coke Company, and Public Service Company of Northern Illinois, all of Chicago, from 1933 to 1935; and as Chairman of Peoples Gas Light and Coke Company since 1935.

The death of Mr. Ranney is a loss to the University of Chicago and his many friends on its Board of Trustees. The members of the Board extend to his family their sympathy.

We place this minute on our records and instruct the Secretary to forward a copy to Mr. Ranney's family.

It was moved and seconded to place the foregoing Memorial to Mr. George A. Ranney on the records and to instruct the Secretary of the Board to forward a copy to the family of Mr. Ranney, and the motion was adopted by rising vote.
The Chairman of the Committee on Memorials reported that the Committee has approved the wording on a bronze plaque to be placed on the West Stand on December 2, 1947, with appropriate ceremonies. The inscription on the plaque will read as follows:

ON DECEMBER 2, 1942
HUMAN ACHIEVED
THE FIRST SELF-SUSTAINING CHAIN REACTION
AND THEREBY INITIATED
THE CONTROLLED RELEASE OF NUCLEAR ENERGY

The Chairman of the Committee on Memorials reported improvement in consultation by faculty members with the Committee on Memorials prior to the selection of artists for portraits.

The Chairman of the Special Committee on the Trustees Dinner to the Faculty stated that the Committee had voted that the dinner be held May 12, 1948. This is the Wednesday evening before the May Board meeting. The Secretary was requested to notify the Trustees of the change in date from January to May.

Upon the recommendation of the Chancellor, presented by the President:

It was moved and seconded to grant a leave of absence with salary from his administrative responsibilities as Vice-President—Development to Neil H. Jacoby from November 1, 1947 through December 31, 1947 (Emery T. Filbey, Vice-President Emeritus and Adviser on Special Projects will assume the duties of Mr. Jacoby’s position until January 1), and a vote having been taken, the motion was declared adopted.

On behalf of the Chancellor the President presented the following recommendation:

On the recommendation of the Board of Governors of International House of Chicago it is recommended that Mr. Edison Dick and Mr. John B. Thompson, Dean of the Rockefeller Memorial Chapel, be appointed to the Board of Governors of International House for the term expiring June 30, 1949 to fill the vacancies due to the resignations of Mr. George Voolesky and Mr. C. W. Gilkey.

It was moved and seconded to appoint Mr. Edison Dick and Mr. John B. Thompson to the Board of Governors of International House, as recommended, and, a vote having been taken, the motion was declared adopted.
I
On behalf of the Chancellor, the President presented the fol­lowing recommendation:

On the recommendation of the Board of Governors of Inter­national House it is recommended that the following amounts be appropriated:

From Equipment and Building Appurtenances Fund:

1) $10,000 for miscellaneous articles of equipment and appurtenances, designated as Appropriation #1;

2) $6,500 to cover cost of modernization of dining room and room A, designated as Appropriation #4; and

3) $3,500 to replace counter equipment in Tiffin Room, designated as Appropriation #5.

From Extraordinary Repairs Fund:

1) $10,000 to cover expenditures for miscellaneous extraordinary repairs, designated as Appropria­tion #2.

It was moved and seconded to make the appropriations for International House improvements as recommended above, and, a vote having been taken, the motion was declared adopted.

Upon the recommendation of the Committee on Instruction and Research at its meeting held November 13, 1947, presented by the President acting on behalf of the Chancellor:

It was moved and seconded to approve a change in the residence schedule of George G. Bogert, Emeritus Professor of Law, to permit use of his services as extra-guest in the year 1947-48, and to grant him one quarter of residence in 1948-49 (this change results in a four-year program arrangement), and, a vote having been taken, the motion was declared adopted.

At a meeting of the Committee on Instruction and Research (held November 13, 1947) presented by the President acting on behalf of the Chancellor:

It was moved and seconded that the Committee on Instruction and Research recommend to the Board of Trustees the appointment of Charles E. Merriam, Morton D. Hull Distinguished Service Professor Emeritus of Political Science to give service for the Walgreen Foundation during the Spring Quarter 1948 on a half-time basis at a stipend of $2,500 for the term; that it was the consensus of this Committee that this type of appointment should be
November 13, 1947

Ie

Board of Trustees

November 13, 1947

discharged; and that the Walgreen Foundation program should be reviewed and strengthened; and, a vote having been taken, the motion was declared adopted.

It was moved and seconded to appoint Charles E. Merriam as recommended above, and, a vote having been taken, the motion was declared adopted.

Upon the recommendation of the President acting on behalf of the Chancellor:

It was moved and seconded to continue the annual allowance for Mrs. D. D. Luckenbill at $900 for the calendar year 1946, and, a vote having been taken, the motion was declared adopted.

The President submitted the following report:

The President wishes to report the failure of negotiations for the relocation of the Chicago Lutheran Seminary at The University of Chicago. The following letter from the Secretary of the Board of Directors has been received by the President:

Dear Dr. Colwell:

As secretary of the Board of Directors of the Chicago Lutheran Theological Seminary I have been directed by the Board to convey to you knowledge of the action taken at a meeting of the Board on September 22, 1947. This action is recorded as follows:

"Whereas, the Committee on Ways and Means of Re-location has reported that due to the inability of the Chicago University to find housing for the relocation of the Orthogenic School it is impossible for the University to assure a date for the re-location of the Seminary at the University; therefore, RESOLVED that this Board of Directors of the Chicago Lutheran Theological Seminary declare the present project to relocate this Seminary at the University of Chicago abandoned. Resolution CARRIED."

It was with reluctance that this decision was reached, but there appeared no alternative in view of the uncertainty involved in the whole problem of institutional housing.

The Board is genuinely appreciative of the interest, the energies and great amount of time that you have...
given to this whole matter through the long period of our discussion. Will you be so good as to convey this appreciation also to the men of your Committee and Board.

Sincerely yours,
Lyman H. Grimes, Secretary
Board of Directors
Chicago Lutheran Theological Seminary
Maywood, Illinois

The report was received and ordered placed on file.

The President reported that Wallace W. Robbins, President of the Nashville Theological School and a member of the Federated Theological Faculty, has accepted additional University responsibilities. He has been appointed Associate Dean of Backus-Teller Memorial Chapel, effective January 1, 1948, when John E. Thompson becomes Dean of the Chapel. Mr. Elbert C. Cole, Director of Religious Programs since July 1, 1947, will continue in that capacity.

The President reported that conferences among members of the administration are under way with respect to budget levels and possible budget savings.

The Vice-President--Business Affairs stated that at the meeting of the Committee on Business Affairs held on October 21, 1947, it was noted to recommence to the Board of Trustees an appropriation of $25,000 from the Martin A. Ryerson Suspense Fund for moving costs of the apartment building now located at 5645 Ellis Avenue, and an additional appropriation of $8,000 from the Martin A. Ryerson Suspense Fund for increased acquisition costs in connection with the real estate at 5650 Ellis Avenue.

It was moved and seconded to make the appropriations, as recommended above, and a vote having been taken, the motion was carried adopted.

On behalf of the Chancellor, the following recommendation was presented:

It is recommended that the following contributions and grants of $25 or more, and alumni contributions of $100 or more, made or pledged since the last meeting of this Board, be accepted, and the Secretary of the Board of Trustees be directed to express the appreciation of the Board: (Gifts and pledges of money reported to the Board at this meeting aggregate $44,625.00.)
The Board of Trustees

November 13, 1947

(The detailed contributions and grants were forwarded to all members of the Board and a copy has been attached to the official copy of the minutes of this meeting.)
$10,000 to be used for Study of Undergraduate Teaching

$8,500 to be applied to Industrial Relations for general services and research for period ending September 1947.

$5,732 aggregate amount of gifts to be added to Dallas B. Phemister Fund. Names of Donors of $25 and over listed below:

<table>
<thead>
<tr>
<th>Amount</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>$500.00</td>
<td>Mrs. Helen A. Herget</td>
</tr>
<tr>
<td>$250.00</td>
<td>Dr. &amp; Mrs. Frank M. Phifer</td>
</tr>
<tr>
<td>$200.00</td>
<td>Reynolds Wire Co.</td>
</tr>
<tr>
<td>$200.00</td>
<td>Mrs. Frederick A. Ingalls</td>
</tr>
<tr>
<td>$150.00</td>
<td>Dr. Arthur A. McDougle</td>
</tr>
<tr>
<td>$125.00</td>
<td>Mrs. Ben Cook</td>
</tr>
<tr>
<td>$100.00</td>
<td>Mrs. &amp; Mrs. Walter Palmer</td>
</tr>
<tr>
<td>$100.00</td>
<td>Mr. Sumner L. Koch</td>
</tr>
<tr>
<td>$100.00</td>
<td>Mr. &amp; Mrs. David B. McDougal</td>
</tr>
<tr>
<td>$100.00</td>
<td>Dr. &amp; Mrs. J. Dewey Bisgarg</td>
</tr>
<tr>
<td>$100.00</td>
<td>Dr. Edward L. Campere</td>
</tr>
<tr>
<td>$100.00</td>
<td>Mr. Gilbert H. Scribner</td>
</tr>
<tr>
<td>$100.00</td>
<td>Mr. Walter A. Brewster</td>
</tr>
<tr>
<td>$100.00</td>
<td>Mrs. W. T. Harde</td>
</tr>
<tr>
<td>$100.00</td>
<td>Dr. Willis J. Potter</td>
</tr>
</tbody>
</table>

Carnegie Corporation of New York
Prinrude Motors Co.

Evinrude Motors Co.
<table>
<thead>
<tr>
<th>Name</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Andrew J. Sullivan</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. Marie Ortmayer</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. C. H. Beaury</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mrs. Sol L. Abt</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. Sol L. Abt</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. Harold L. Ross</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. Edgar J. Gilkerson</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. Edward L. Ayres</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. Paul J. Synall</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. Gerald H. Tall</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. F. L. Metzner</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. Frank C. David</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. Louis Silver</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. Carl E. Newman</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. F. L. Burdett</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mrs. John G. Salton</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. Alfred C. Carlson</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. Charles Huggins</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. Warren Chang</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. L. B. Maxton</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. G. Louise Clayon</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. James J. Case</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. &amp; Mrs. W. E. Crawford</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. William J. Butler</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. D. J. Lewis</td>
<td>$100.00</td>
</tr>
<tr>
<td>Miss Leona L. Abt</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. A. G. TGY</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. &amp; Mrs. William Boothe</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. Frank P. Maplo</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. S. H. Barr</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. Andrew M. Wrobakon</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. Samuel E. Lichtmanstein</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. Edward Harris</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. J. E. Westler</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. Franklin G. Moxon</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. Claude F. Dixon</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. William F. Elkin</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. Joseph F. Smith</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. Irving Abell</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. W. E. Horne</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. Paul S. Stein</td>
<td>$100.00</td>
</tr>
<tr>
<td>Mr. George H. Hawnett</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. Morris Flaherty</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. George E. Kinney</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. John Hargrave</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. Walter F. Slutz</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. Karl P. Eischeim</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. D. M. Glover</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. Albert H. Montgomery</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. Donald G. Balfour</td>
<td>$100.00</td>
</tr>
<tr>
<td>Dr. Joel F. Samet</td>
<td>$100.00</td>
</tr>
</tbody>
</table>
$5,000 to aid a two year program to develop Physical Anthropology at the University of Chicago by expansion of facilities and cooperation of guest experts.


$2,500 for Longitudinal Study of Personal and Social adjustments in Old Age (This and $5,000 paid in 1946-47 to be considered as a single grant by donor)

$1,500 for a fellowship in Chemistry

$1,400 to be applied to a scholarship for Daniel Kowalczyk

$1,400 Composition on Social Thought Fellowship and scholarship Fund

$1,000 to be used for Fellowship for Alfon E. Harzi

$1,000 to aid in the Joseph H. DeLee Memorial Trust Endowment in honor of Dr. Delee's Birthday

$750 for development of the Seminars on International Political Education at University College

$750 for the Academy of Time Fellowship for 1947-48

$335 to increase the pledge to cover amount of remittance received for Dr. Nusir-Ud-Din
$500 for scholarship for Roy F. Greenaway

$500 for scholarship for Roy F. Greenaway

$500 for part of equipment for high temperature absorption works

$40 to apply to scholarship to Miss Rita Dolacinski for 1947–48

$375 to set up additional amount for Editorial Service Project

$50 to be applied to Cancer Research

$25 of which from Mrs. Frank H. Koe

Miss Beryl Koe

Mr. Edwin Carson

Mr. George E. Link

Mr. W. T. Harkeino

Dr. Anna B. Grey

Mr. Henry Feferman

Knights of Pythias

Grand Lodge

San Francisco, Calif.

Knights of Pythias

Supreme Lodge

Chrysler Corp.

Polish Women's Civic Club

E.E. Stallings Foundation

Mrs. Frank H. Koe

Miss Beryl Koe

Mr. Edwin Carson

Mr. George E. Link

Mr. W. T. Harkeino

Dr. Anna B. Grey

Mr. Henry Feferman

Chicago Lying-in Hospital and Dispensary

Mr. Wm. H. Kidston

Glen View Club, Gelf, Ill.

Mrs. Fred S. White

7712 Drexel Blvd.

Mrs. Bertha R. Wells

1233 East 56th Street

Mr. & Mrs. Isaac H. Feller

Mrs. Henry R. Platt

Mrs. Herbert P. Zimmerman

$1000.

$669.75

$70.

$55.

$50.

$27.

$25.

$25.

$25.
It was moved and seconded to accept the contributions and grants as tendered, and to instruct the Secretary of the Board to express to the donors the appreciation of the Board, and, a vote having been taken, the motion was declared adopted.

The following report of the Vice-President--Development was submitted:

We are pleased to report the following new members who have joined our Citizens Board since its last meeting:

Ronald J. Chisholm
Mark W. Cressy, Jr.
C. Scott Fletcher
Charles Daniel Frey
(Carrillo) R. Harding
C. Winlow Henkle
John S. Hutkins
Philips Kelby
Herbert W. Kochs
William F. Krah
Romer J. Livingston
David W. McDougall
Edward D. McDougall, Jr.
Graydon McVean
Anthony L. Michel
T. C. Mullins
Griff F. Nelson
James F. Oates, Jr.
Mathew A. Ovings
Grant J. Pick
Frank A. Pribe
James H. Roger
Frederick H. Specht
Gardner M. Stern
William A. North
Phillip F. W. Puck
Frank S. Sims

The report was received and ordered placed on file.

Report was made of the dinner of The University of Chicago Cancer Research Foundation held on November 10, 1947. About eight hundred people were present. The Chairman of the dinner was Dr. T. B. Freeman and the toastmaster was Dr. Harold H. Matt. Principal speakers of the evening were President Calwell, Dr. Enrico Fermi, and Dr. Charles B. Huggins. Appropriate remarks were made by Governor Green, Mayor Kennelly, Mr. Maurice Goldblatt, and General Graham, personal physician to President Truman.
The Chairman of the Board stated that he had appointed a special committee to act on behalf of the Board in matters connected with the Encyclopaedia Britannica, and that the membership of this committee is as follows: Messrs. Blair, Chairman, Russell, Vice-Chairman, Bell and Penney. He requested action by the Board in connection with the appointment and authority of this special committee.

It was moved and seconded that the Special Committee on Encyclopaedia Britannica be given the authority of the Board to act on behalf of the Board between Board meetings, and, a vote having been taken, and nineteen Trustees being present and voting in favor thereof, the motion was declared adopted.

The Comptroller presented the following report:

**SUMMARY OF SIGNIFICANT ITEMS OF INCOME AND EXPENDITURES**

**THREE MONTHS ENDED SEPTEMBER 30, 1946 AND 1947**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Student Fee income, Summer Quarter</td>
<td>764,368.43</td>
<td>822,709.49</td>
<td>+ 58,341.06</td>
</tr>
<tr>
<td>2. Publication Department sales</td>
<td>158,071.82</td>
<td>261,097.56</td>
<td>+103,025.74</td>
</tr>
<tr>
<td>3. Bookstore sales</td>
<td>190,099.81</td>
<td>231,677.99</td>
<td>+41,578.18</td>
</tr>
<tr>
<td>4. Residence Halls and Commons net income</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Goods, Res. Halls</td>
<td>5,335.09</td>
<td>7,862.96</td>
<td>-13,102.56</td>
</tr>
<tr>
<td>Goods, Commons</td>
<td>-1,434.36</td>
<td>12,332.93</td>
<td>+10,991.57</td>
</tr>
<tr>
<td>Col. Extra Miles-Women House</td>
<td>-1,191.63</td>
<td>328.33</td>
<td>+523.96</td>
</tr>
<tr>
<td>Commons</td>
<td>2,983.01</td>
<td>1,078.23</td>
<td>-1,864.78</td>
</tr>
<tr>
<td>Total</td>
<td>(1,741.98)</td>
<td>(746.00)</td>
<td>(995.98)</td>
</tr>
<tr>
<td>Total Res. Halls and Commons</td>
<td>5,841.21</td>
<td>19,547.99</td>
<td>-24,999.20</td>
</tr>
</tbody>
</table>
Summary of Significant Items of Income and Expenditures
Three Months Ended September 30, 1946 and 1941

1947-48 Variation from Actual Budget
1946-47 1947-48

G. Gifts paid in:
- For undetermined purposes
- For consumable purposes
- For capital purposes
Total gifts paid

6. Clinics and Clinical Departments of the School of Medicine:
Expenditures
Patient fees
Income
Excess of expenditures to be covered by endowment income, gifts, and miscellaneous income

7. Exclusive of restricted projects, the expenditures for which are controlled by restricted endowment and gift income.

8. Expenditures for September 1947 were $272,395.46, which was $62,342.24 more than the prior year, and $31,418.03 less than the budget estimate.

9. Income for September 1947 was $306,232.62, which was $62,588.94 more than the prior year, and $26,902.02 more than the budget estimate.
Summary of Significant Items of Income and Expenditures
Three Months Ended September 30, 1946 and 1947
(continued)

7. Costs and income per hospital patient day:

<table>
<thead>
<tr>
<th>Number of Patient Days</th>
<th>Per Patient-Day</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cost</td>
</tr>
<tr>
<td>Billings and Roberts Hospitals - 1946-47 (3 months)</td>
<td>21,196</td>
</tr>
<tr>
<td>1946-47 (5 months)</td>
<td>52,328</td>
</tr>
<tr>
<td>1946-47 (12 months)</td>
<td>92,904</td>
</tr>
<tr>
<td>1945-46 (2 months)</td>
<td>96,297</td>
</tr>
<tr>
<td>1944-46 (12 months)</td>
<td>97,109</td>
</tr>
<tr>
<td>Chicago Lying-in Hospital - 1946-47 (3 months)</td>
<td>15,172</td>
</tr>
<tr>
<td>1946-47 (12 months)</td>
<td>61,995</td>
</tr>
<tr>
<td>1945-46 (12 months)</td>
<td>60,050</td>
</tr>
<tr>
<td>1944-45 (12 months)</td>
<td>57,066</td>
</tr>
</tbody>
</table>

8. Costs and income per out-patient department visit (Billings, Roberts, and Lying-in):

<table>
<thead>
<tr>
<th>Number of Visits</th>
<th>Cost</th>
<th>Income</th>
<th>Excess</th>
</tr>
</thead>
<tbody>
<tr>
<td>1947-48 (3 months)</td>
<td>42,254</td>
<td>2.91</td>
<td>1.46</td>
</tr>
<tr>
<td>1946-47 (3 months)</td>
<td>39,374</td>
<td>2.38</td>
<td>1.98</td>
</tr>
<tr>
<td>1946-47 (12 months)</td>
<td>156,152</td>
<td>4.43</td>
<td>4.11</td>
</tr>
<tr>
<td>1944-46 (12 months)</td>
<td>154,321</td>
<td>4.10</td>
<td>3.66</td>
</tr>
<tr>
<td>1944-46 (15 months)</td>
<td>156,450</td>
<td>1.98</td>
<td>1.68</td>
</tr>
</tbody>
</table>

9. Comparative revenue for professional and X-ray services (Billings, Roberts and Lying-in):

<table>
<thead>
<tr>
<th>Number of Patient Days</th>
<th>Total Income</th>
<th>Income per Patient-Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>1947-48 (3 months)</td>
<td>93,356</td>
<td>5.35</td>
</tr>
<tr>
<td>1946-47 (3 months)</td>
<td>90,637</td>
<td>4.18</td>
</tr>
<tr>
<td>1946-47 (12 months)</td>
<td>150,699</td>
<td>4.48</td>
</tr>
<tr>
<td>1944-46 (12 months)</td>
<td>150,050</td>
<td>3.77</td>
</tr>
<tr>
<td>1944-46 (15 months)</td>
<td>156,384</td>
<td>3.76</td>
</tr>
</tbody>
</table>

10. Income and expense of eighteen supplementary services:

<table>
<thead>
<tr>
<th>Income</th>
<th>Expense</th>
<th>Percentage of Surplus to Gross Income</th>
</tr>
</thead>
<tbody>
<tr>
<td>1947-46 (3 months)</td>
<td>171,031.88</td>
<td>5.35</td>
</tr>
<tr>
<td>1946-47 (3 months)</td>
<td>167,465.47</td>
<td>4.18</td>
</tr>
<tr>
<td>1946-47 (12 months)</td>
<td>465,582.14</td>
<td>4.48</td>
</tr>
<tr>
<td>1945-46 (12 months)</td>
<td>512,433.80</td>
<td>3.77</td>
</tr>
<tr>
<td>1944-46 (12 months)</td>
<td>468,126.56</td>
<td>3.76</td>
</tr>
</tbody>
</table>

* Exclusive of salaries of doctors and laboratory expenses.
In the discussion that followed, the Comptroller stated that possible general wage increases for non-academic employees were not included in any of the reports or remarks at this meeting, because there was no way of determining the time or amount of such possible increases. The Comptroller stated that tuition estimates for 1947-48 now appear to be $600,000 to $660,000 less than the original estimate of $5,845,000. He stated that the original estimate of Encyclopaedia Britannica royalties of $650,000 had been revised to $365,000, that this revised amount probably would not be paid in cash during the current academic year, that the University might be asked to accept notes for it, and that the possibility of handling the item as a receivable was under discussion.

The Comptroller stated that among offsets to the above are increases in patient fees of $160,000 in the Summer Quarter compared with the budget estimate, an increase of $260,000 of endowment income estimate as received from the Treasurer, and increased benefits of $176,000 from Government contracts. The Comptroller also stated that in his judgment and following Board practice and policy, the anticipated operating fee from the Clinton National Laboratory should be used as budget income rather than as underwriting for facilities, as presently earmarked. The portion of this fee applicable to 1947-48 would be $362,500. Other funds should be considered as construction underwritings.

The President stated that the Central Administration has adopted a negative attitude on expansion of staff and activities, and that restricted expendable funds and reappropriated balances are being studied in order to obtain maximum help from these sources. He also stated that the Central Administration had made a bad guess on enrollment, and that the Comptroller had based his calculations of tuition income on Central Administration predictions of enrollment.

The President and the Comptroller stated that in their judgment the Budget Revision should follow regular procedures, and the President stated that he proposed to try to build up his contingency Fund and effect savings in that manner pending the Budget Revision.

It was the consensus that there should be discussion of the financial position of the University at subsequent meetings of the Board.

The President described the visit to the campus of the Subcommittee on Humanities, Library and Graduate Library School Development, and stated that in his opinion the afternoon and evening were extremely profitable to all concerned.
On June 10, 1943, resolutions were adopted providing for bank accounts in the Hamilton National Bank of Knoxville, Tennessee, in connection with the operation of Clinton Laboratories. Two of the three accounts established under this resolution have been closed and the remaining account (Voucher) has been held open with a balance of $300 for the purpose of clearing certain delayed payments by the Government. This latter account is shortly to be closed and all authorities under the previous resolution rescinded.

It is now necessary to open new accounts in connection with the resumed operation of the laboratories this time to be designated under Contract AT 46-1-Gen-405, such accounts to bear the same numbers and designations as previously. For this purpose it is requested that the attached resolution be adopted.

A further resolution is presented providing for the following officers of Clinton National Laboratory to sign checks on behalf of the Business Manager of the University:

- John T. Bobbitt, Business Manager
- John H. Schlosser, Chief Accountant
- Hanz Stringfield, Jr., Assistant Chief Accountant

and also for the following members of the Comptroller's staff to certify or countersign on behalf of the Comptroller:

- Walter L. Thaggard
- Richard H. Judy, Jr.
- William T. Montgomery

At the request of the Comptroller a third resolution is presented for adoption providing for designation of Edwin C. Weber, Chief Auditor for the Argonne Construction Project, to certify or countersign checks on behalf of the Comptroller, drawn against the two Argonne Construction Accounts in the Harris Trust & Savings Bank.

It was moved and seconded to adopt the following resolution:

BE IT RESOLVED, That, effective November 13, 1947, the Hamilton National Bank (of Knoxville, Tennessee) be and hereby is designated a depository in which the funds of this corporation may be deposited solely under the name and style of Clinton National Laboratory, operated by The University of Chicago under contract AT 46-1-Gen-405 (hereinafter referred to as Clinton National Laboratory)
by its officers, employees and representatives, and that
the Treasurer of this corporation be and hereby is autho-
rized to open three accounts with said Bank to be known
designated, respectively, as Clinton National Labora-
tory Account Number Twenty (Salary (C) Account), Clinton
National Laboratory Account Number Twenty-One (Voucher
(C) Account) and Clinton National Laboratory Account Num-
ber Twenty-Two (Savings Bond (A) Account) and to make
such arrangements for the conduct thereof as to him shall
seem proper, including, with respect to said Clinton Na-
tional Laboratory Account Twenty-Two (Savings Bond (A)
Account), provision if necessary for countersignature or
other like control of withdrawals therefrom by authorized
representatives of the United States Government, and to
endorse and deposit with said Bank orders for the payment
of money to this corporation or to said CLINTON NATIONAL
LABORATORY, which endorsements may be made in writing or
by a stamp and without designation of the person so en-
dorsing.

AND BE IT FURTHER RESOLVED, That the said depositary be
and it is hereby authorized to pay out funds on deposit
with it from time to time to the credit of this corpora-
tion under the name and style of CLINTON NATIONAL LAB-
ORATORY and not otherwise upon checks drawn upon said de-
positary and signed in the name of CLINTON NATIONAL LA-
BORATORY on behalf of this corporation by its Treasurer,
or Assistant Treasurer, by its Business Manager, Assis-
tant Business Manager or by persons authorized by this
Board of Trustees, and certified or countersigned by its
Comptroller, Assistant Comptroller or by persons autho-
rized by this Board of Trustees, and said depositary is
authorized and directed to honor checks, drafts, or other orders for the payment of money drawn in the name of CLINTON NATIONAL LABORATORY against accounts numbered Twenty and Twenty-One, including those drawn to the individual order of any person or persons whose name or names appear thereon as signers or countersigners thereof, when bearing or purporting to bear the facsimile signature of any one or more of these authorized signers respectively to sign or countersign said instruments, and said depositary shall be entitled to honor and to charge this corporation for all such checks, drafts or
other orders regardless of by whom or by what means the facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimen duly certified to and lodged from time to time with said depositary by the Treasurer of this corporation.

AND BE IT FURTHER RESOLVED, that the Secretary be and hereby is authorized to certify to said depositary a copy of these resolutions and the names and signatures of this corporation's officers or representatives authorized to act in the premises, and said bank is hereby authorized to rely upon such certificate until formally advised by a like certificate of any changes therein, and is authorized to rely on any such additional certificates.

and, a vote having been taken, the motion was declared adopted.

It was moved and seconded to adopt the following resolution:

RESOLVED, That effective November 13, 1947, the following named persons be and they are hereby respectively authorized to sign on behalf of the Business Manager and to certify or countersign, on behalf of the Comptroller, checks and warrants drawn on the bank accounts of this corporation to be opened at the Hamilton National Bank of (Knoxville, Tennessee) under the name and style of "Clinton National Laboratory" operated by The University of Chicago under contract A T 40-1-GEN-405", as follows:

For the Business Manager:

John T. Bobbitt  
John H. Schlosser  
Hezz Stringfield, Jr.

For the Comptroller:

Walter L. Thaggard  
Richard K. Judy, Jr.  
William T. Montgomery

The foregoing authorizations shall remain in effect without limitation of time, subject to revocation respectively by the Business Manager and the Comptroller or by the Board of Trustees, by the Chairman of the Board of Trustees, or by the Chairman of the Committee on Finance and Investment, such revocation to become effective upon filing with the Hamilton National Bank of written notice thereof, duly certified by the
November 13, 1947

The Board of Trustees

Secretary of the Board of Trustees.

and, a vote having been taken, the motion was declared adopted.

It was moved and seconded to adopt the following resolution.

RESOLVED, That, effective as of November 13, 1947, Edwin C. Weber be and he is hereby authorized to countersign and certify on behalf of the Comptroller, checks and warrants drawn on the bank accounts of this corporation at the Harris Trust and Savings Bank, under the name and style of The University of Chicago, Special Construction Account #33 (Salary (E) account), and The University of Chicago Special Construction Account #34 (Voucher (E) account).

The foregoing authorization shall remain in effect without limitation of time, subject to revocation by the Comptroller or by the Board of Trustees, by the Chairman of the Board of Trustees, or by the Chairman of the Committee on Finance and Investment, such revocation to become effective upon the filing with the Harris Trust and Savings Bank of written notice thereof, to be certified by the Secretary of the Board of Trustees.

and, a vote having been taken, the motion was declared adopted.

The Treasurer submitted the following report.

I desire to report that the Will of Charles Cyrus Hare, deceased, who recently died in Boston, Massachusetts, provides that the University shall receive a one-tenth part of the residuary estate. The principal asset of Mr. Hare’s estate consists of an apparent right to receive a trust fund of approximately $200,000 upon the death of the testator’s mother now 62 years of age. The net estate after payment of taxes and expenses is estimated at $150,000 and the value of the University’s residuary interest is estimated at between $10,000 and $12,000.

We are advised by the Executor that the mother of the testator has filed an appearance against the probate of the Will. It is anticipated, however, that some compromise settlement will be made under which she will receive more than one-tenth interest given her in the Will.

There are no restrictions on the use to be made of this bequest. The Testator was a student at the University in 1944-46.

The report was received and ordered placed on file.
The Treasurer submitted the following report:

Report was made to the Board of Trustees at the June 12, 1941 meeting, of the bequest to the University contained in the Last Will and Testament of Nancy Maria Miller Surrey who died in New York City March 16, 1941. At the time of making the report it was considered doubtful that the University would realize any benefit from the bequest.

Mrs. Surrey's Estate has been involved in almost continuous litigation since her death. This litigation has now terminated advantageously to the Estate, and as a result the University has received $20,873.09 in full payment of the bequest. These funds are to be held as endowment and the income is to be used for research in sociology, psychology or education.

The report was received and ordered placed on file.

The Treasurer submitted the following report:

I desire to report that Edwin B. Mayer, a graduate of the Law School of the Class of 1912, died in Chicago on October 28, 1947, leaving a Last Will and Testament which contains a bequest of $2,500.00 to the University. This sum is to be held as endowment and the income used to assist worthy students of the Law School.

The report was received and ordered placed on file.

Upon the recommendation of the Treasurer:

It was moved and seconded to adopt the following resolution:

WHEREAS, The University of Chicago did heretofore, on the first day of December 1945, enter into an agreement of lease with The Rudolph Wurlitzer Company relating to the premises owned by the University and located at 115-117 South Wabash Avenue, in the City of Chicago, Illinois, which lease was thereafter amended by Memorandum of Agreement executed by the parties March 6, 1947; and

WHEREAS, By reason of a dispute between the University and Utility Supply Company, the occupant of said premises, the University was unable to deliver possession of said premises to The Rudolph Wurlitzer Company on May 1, 1947, for purposes of remodeling in accordance with the terms of said agreement of lease as amended; and
WHEREAS, the parties have heretofore negotiated a settlement of their respective rights and liabilities growing out of said inability to deliver possession of said premises, the terms and provisions of which settlement are embodied in an agreement dated June 27, 1947, executed by The University of Chicago and The Rudolph Wurlitzer Company.

NOW, THEREFORE, AS IT IS RESOLVED, that said settlement agreement dated June 27, 1947, executed on behalf of The University of Chicago by Porter Hall, Treasurer, and attested by Lyndon H. Leach, Assistant Secretary, and on behalf of The Rudolph Wurlitzer Company by Morris C. Bristol, Vice President, and attested by E. L. Hahne, Secretary, is hereby ratified, approved, and confirmed.

and, a vote having been taken, the motion was declared adopted.

The Treasurer reported briefly on sales of common stocks to provide construction funds, on purchases of insurance company stocks, and on an investment in oil tankers.

Adjourned.

[Signature]

Secretary
January 15, 1947

Minutes of the Board of Trustees

December 11, 1947

The regular monthly meeting of the Board of Trustees was held in the Board Room of the University, 112 South Michigan Avenue, on Thursday, December 11, 1947, at 2:00 p.m.

There were present: Mr. Swift, in the chair, Messrs. Aldis, Beevan, Bell, Benton, Blair, Donohue, Goodwin, Holl, Harper, Hitchins, McConnell, McChesney, Neven, Randall, Russell, Sherer, Smith, Sulzberger, Tenney and Zimmermann; also Messrs. Colwell, deLee, Filbey, Hull, Hurrell, Harrison, Lesch, Munnecke and Woodward.

Prayer was offered by Mr. Sherer.

The minutes of the meeting held November 13, 1947, were approved.

The Secretary of the Board presented minutes of the following meetings of standing committees, copies of the minutes having previously been sent to all members of the Board: Committee on Finance and Investment, November 6, 1947, and Committee on Instruction and Research, November 13, 1947.

It was moved and seconded to accept the minutes and to approve all actions recorded therein, and, a vote having been taken, the motion was declared adopted.

The Secretary of the Board presented the following communication:

A list of candidates for degrees to be conferred at the Convocation to be held on December 19, 1947, is submitted herewith. It is recommended that the degrees be conferred upon the candidates named provided they conform to all conditions. A summary of the list is as follows:

<table>
<thead>
<tr>
<th>Degree</th>
<th>Biological Sciences Division</th>
<th>Humanities Division</th>
<th>Physical Sciences Division</th>
<th>Social Sciences Division</th>
<th>School of Business</th>
<th>Law School</th>
<th>Graduate Library School</th>
<th>Federated Theological Schools</th>
<th>School of Social Service Administration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor</td>
<td>29</td>
<td>2</td>
<td>59</td>
<td>10</td>
<td>13</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>46</td>
</tr>
<tr>
<td>Master</td>
<td>19</td>
<td>30</td>
<td>23</td>
<td>90</td>
<td>2</td>
<td></td>
<td>1</td>
<td>2</td>
<td>46</td>
</tr>
</tbody>
</table>

| Total  | 181                          |                    | 85                        | 100                     | 28              | 1         | 1                      | 2                                       | 46                                       |

Degrees, Candidates For
#2 - Board of Trustees

December 11, 1947

College Bachelors, Bachelors, and Masters (Forwarded)

<table>
<thead>
<tr>
<th>Degree</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ph.D.</td>
<td>1</td>
</tr>
<tr>
<td>Biological Sciences Division</td>
<td>4</td>
</tr>
<tr>
<td>Humanities Division</td>
<td>6</td>
</tr>
<tr>
<td>Physical Sciences Division</td>
<td>7</td>
</tr>
<tr>
<td>Social Sciences Division</td>
<td>11</td>
</tr>
<tr>
<td>Federated Theological Schools</td>
<td>13</td>
</tr>
<tr>
<td>School of Business</td>
<td>3</td>
</tr>
<tr>
<td>Graduate Library School</td>
<td>1</td>
</tr>
<tr>
<td>Total Degrees</td>
<td>35</td>
</tr>
</tbody>
</table>

(The names appear in the Convention program for December 19, 1947, and also in the official minutes of the Board of Trustees.)

It was moved and seconded to confer the degrees upon the candidates named provided they conform to all conditions, and, a vote having been taken, the motion was declared adopted.

The Chancellor reported on problems in connection with charges of discrimination in university hospitals. He reviewed the university's policies and actions in connection with this subject, and reported on conversations with student and other groups. He summarized aspects of the student walkout on December 8th.

The Chancellor presented a report on calls by Hases, Hedges, or Smith since July 1, 1947, in connection with support of the Institutes. He pointed out that over sixty organizations had been called on, and that in several cases more than one call had been made. He stated that this activity was taking most of his time and that so far only two of the corporations have become industrial members of the Institutes.

There was discussion, and it was the consensus that a Trustee should accompany the University group whenever possible, and that there was a cumulative effect to this work. The Chancellor requested Board members to review the list and advise him of any special contacts individual members might have with officers of the corporations in question.

On the recommendation of the Chancellor and the Committee on Instruction and Research,
For the Degree of Bachelor of Arts:

Teruo Kawata
Frances Ann Keen
Anton Frank Klobuchar, Jr.
Carol Edith Kohout
Joseph Kamp Kostolefsky
Kenneth Robert Kuester
Victor Aubrey Lownes III
Irving Bernard Malawsky
Nancy Jean Manchee
Frederick VonWitzleben Mancourt
Ellis Edson Meredith
Robert Logan Mitenbuler
Fayette Krum Mulroy
Guy Giannerini Nery, Jr.
Theodore Radamaker
Anne Burnette Rector
Enid Lee Reich
Fletcher Pearl Riley
Gerald Arthur Rodgers
Adelyn Mayo Russell
Gladys Gleitsman Sack
Raymond James Sampson
Edward Bernhardt Schlant
Hans Schmidt, Jr.
Robert Benjamin Silvers
Howard Randall Stanton
Wynona Stevenson
Douglas Truesdale
Irving Edward Fasan, Jr.
Vigilia Clark Tigue, Jr., Jr.
Wilbur Bancroft Thomas
Wilbur Blakesley Truesdale
Charles Warren VanCleve
Douglas Dudley Truesdale
Hans Schmidt, Jr.
Evelyn Wilkins
Douglas Eugene Thompson, Jr.
Shirley Batchelder Thurston
William Blakely Truesdale
Charles Warren VanCleve
Donna Elizabeth Verstrate
Herbert Ferdinand Vetter, Jr.
Bigelow Watts, Jr.
Gwen Judith Weber
Myra Elizabeth Wohrer
Eleanor Zuckman
For the Degree of Bachelor of Philosophy:

Anne Conner Adams
Irene R. Baer
Thomas Ordell Barcus
James Edward Barnett
Karl Bezner
June Glory Biber
Herbert Gordon Bodie
David Boris Booth
John Allen Bradford
Karl Edgar Brandt
Dwight Brown
Harriette Louise Brown
Mildred Louise Burgess
Eileen Julia Botsford Burrer
David Sherman Bushnell
Donald Herbert Bussman
Charles Dean Callender
Ralph Lewis Coash
Dean Allen Cohler
Betty Clare Colbentson
Arthur Burton Coley
John Lipscomb Croneigh
George Merrell Davies
Clare Eugenie Davison
Herbert Diamond
Wilbur Edward Dyer
Douglas Ambrose Eggen
Elliot Saul Epstein
Edward Marshall Fahlstrom
Robert Lowell Fantz
Jean Marie Fiddelke
Nancy Joan Fink
John Joseph Flanagan
Howard Stanley Frazier
Eliot Lazarus Friedson
Iris Lee Friedman
Robert Harold Friedman
Ruth Allen Gant
Arthur Sherman Gay
Beryl Alvis Geier
Bud Harry Gibbs II
James A. Goldman
Loren Abraham Gordon
Howard Lewis Gordon
Frederick Holender Green
Kenneth Scott Green, Jr.
John Harvey Green
Lawrence Martin Hines
William Hughes Hilbert
Harry William Horrocks
David Maxwell Isherwood
Robert Everett Irving
Margery Anne James
Mary Elizabeth Kees
William Reynolds Kirby
Walter Robert Keckley
Sally Vishna Koy
Mathew Raymond Kozinski
Carl John Kraus
Virginia Johnson Leland
Ellen Maud Leopold
Marty Dennis Lewis
Hans Grueniger Lippman
Robert William Martin
Harry Max Mordwert
Theodore Jason Moyer
Robert Louis Miller
Herbert Nathan Miller
James S. Minton
Lydia Martin Morris
William Wilson Nafissi
Harold Eugene Nichol
Howard William Niswander
Dorothy Mathews Nolan
Denise Walls Nolte
Frema Walton Nieman
Paul Henry Noyce

For the Degree of Bachelor of Science:

Joseph Afterman
Everly Nelson Berry, Jr.
Leon Harry Bloom
Esther Rae Brasco
Etta Joan Buro
Kenneth William Cochran, Jr.
Joan Marilyn Cowie
Donald Herbert Cummings
Mena Stephen Dallas
Michael Marks Davis, Jr.
Delzena Evelyn Garrard
Marvin Charles Goldman
Emma Arline Heath
Howard Holtzer
Laurence Kashdan
Beatrice Kass
Thelma Kass Kennedy
Alfred Conrad Kolls, Jr.
Joan Little
Clyde Gail Miller
Marvin Charles Goldman
Emma Arline Heath
Howard Holtzer
Laurence Kashdan
Beatrice Kass
Thelma Kass Kennedy
Alfred Conrad Kolls, Jr.

For the Degree of Bachelor of Arts:

Mark Fuller Skinner
IV. IN THE DIVISION OF THE PHYSICAL SCIENCES

For the Degree of Bachelor of Science:

Norman B. Alper
Charles Sylvester Annell
Howard Lahman Arnould
Bessie Barbee
Yetta Beron
Lawrence A. Blasberg
James Wilbert Blue
Irving Morton Brauer
John Roderick Cameron
Jesse Vaughn Carmichael
John LeRoy Clayton
Jerome Donald Fellmann
Raymond Earle Frost
Paul Gibson
Allen Frederick Graefe
Sven Henrik Gummerus
Dorothy Jae Gutt
Emil Gustav Hirsch
Sidney Francis Horrigan
Nicholas Hotton III
John Carson Howard
David Leslie Johnson
Vernoy Alfred Johnson
Lydia Marie Kotarski
Dorothy Edith Kremen
Frank Lewis
Charles Edward Lucas
Price Reynolds Maddox
Albert Theodore Marrs
Robert Vernon Martin
Robert Lang Meyers
George Vincent Owens
James Clyde Pangle, Jr.
Gerald Sherman Picus
Grover William Ponton
Naomi Ragins
William Howard Rosenfeld
Raymond Charles Sangster
Bette Jane Sartain
Sylvia Markovitz Shallon
J'vlarvin Lee Shapiro
Victor Lenard Shapiro
Rudolph Steinberger
Robert Benjamin Uretz
Grant Wayne Urry
Lucie Eleanor van der Hoorn
Norman Venger
Richard Andrew Voegeli
Ramon Leonard Waleski
Hope Regina Wallner
Robert Frank Williams
Werner Siegfried Zimmt

V. IN THE DIVISION OF THE SOCIAL SCIENCES

For the Degree of Bachelor of Arts:

Harlan Morse Blake
Morris Berry
Martin Bresler
Ralph Lee Acker
Donald Boyes
Earl Walter Bromstedt, Jr.
Donald Lloyd Fernow
Donald Hobson Weeks

VI. IN THE SCHOOL OF BUSINESS

For the Degree of Bachelor of Arts:

Martin Franklin Jones
Alexis Thielens Miller
Frederick Coleman Miller
Marshall Thomas Nanninga

VII. IN THE LAW SCHOOL

For the Degree of Bachelor of Arts:

Donald Hobson Weeks

CANDIDATES FOR HIGHER DEGREES

1. THE DEGREE OF MASTER OF ARTS

I. IN THE DIVISION OF THE HUMANITIES

HAROLD ADAMS
A.B., Virginia Polytechnic Institute, 1938
(Biological Sciences)

JOHN KONYING
A.B., Virginia Polytechnic Institute, 1938
(Biological Sciences)

FRANCIS JOHN NOYES
A.B., Virginia Polytechnic Institute, 1938
(Biological Sciences)

PAUL SIDNEY BUSINESS
A.B., Virginia Polytechnic Institute, 1938
(Biological Sciences)

Without thesis

Without thesis

Without thesis

Without thesis

Without thesis
WILLIAM LELAND CANINE, Jr.
A.B., Duke University, 1943
(English Language and Literature)

RAYMOND CAREY
A.B., University of North Carolina, 1943

LAWRENCE LYNCH DE MOTT
A.B., Clark University, 1943

DAVID COWITTINGHAM FOWLER
A.B., University of Oregon, 1943
(English Language and Literature)

LEON H. GIBB
A.B., University of North Carolina, 1943

THOMAS MAICE HAWKES, Jr.
A.B., University of Chicago, 1943

JACQUES LEE KEMPPE
A.B., University of Chicago, 1943

ROBERT STEEL ELLISON KIDWY
A.B., University of Kansas, 1944

ROBERT STEELE LITTLE
A.B., Wesleyan University, 1943

ORVILLE BURTON PALMER
A.B., Oklahoma Agricultural and Mechanical College, 1943
(English Language and Literature)

RUTH ROWE PHILLIP
A.B., University of Chicago, 1943

RAYMOND SCOTT RAINBOW, Jr.
A.B., Westminster College, 1943
(English Language and Literature)

LILLIAN KATHERINE RASMUSSEN
A.B., University of Chicago, 1943
(Art)

PAUL HERBERT RIEDEL
A.B., Concordia Seminary, St. Louis, Missouri, 1943
(Germanic Languages and Literatures)

MARJORIE SCHECTER
(English Language and Literature)

JAMES BERNARD STRONKS
A.B., State University of Iowa, 1943
(English Language and Literature)

PARRY EDMUND STROUD
S.B., Northwestern University, 1939
(English Language and Literature)

ROSALIND ENID WALLACH
Ed.B., Chicago Teachers College, 1943
(Music)

NUMA ANDRE WEHRLE
(Music)

PHILIP JAY WOLFSON
(Music)

III. IN THE DIVISION OF THE SOCIAL SCIENCES

TED ALDWIN
A.B., St. Olaf College, 1940

EVELYN WEST AURACUT
A.B., Pitzer College, 1944

MALCOLM HERSHEY BEATTY
S.B., University of California, 1943

ALEXANDER JOSEPH BENZINGER
S.B., University of Chicago, 1942

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)

\( \text{Without thesis} \)
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREDERIC CHARLES BERZIN</td>
<td>A.B.</td>
<td>University of Chicago</td>
<td>Sociology</td>
</tr>
<tr>
<td>ELLEN ESTHER BILL BIELE</td>
<td>S.B.</td>
<td>University of Chicago</td>
<td>Human Development</td>
</tr>
<tr>
<td>AUDREY ELLIS</td>
<td>A.B.</td>
<td>Hunter College</td>
<td>Economics</td>
</tr>
<tr>
<td>HOWARD MURRAY BOST</td>
<td>S.B.</td>
<td>University of Chicago</td>
<td>Political Science</td>
</tr>
<tr>
<td>JAMES WILLIAM BROWN</td>
<td>A.B.</td>
<td>University of California</td>
<td>International Relations</td>
</tr>
<tr>
<td>HELEN CHARLES</td>
<td>A.B.</td>
<td>University of Chicago</td>
<td>International Relations</td>
</tr>
<tr>
<td>LEO DAVID CAGAN</td>
<td>A.B.</td>
<td>University of Chicago</td>
<td>International Relations</td>
</tr>
<tr>
<td>JOSEPH GREEN DAWSON, Jr.</td>
<td>A.B.</td>
<td>University of Chicago</td>
<td>Psychology</td>
</tr>
<tr>
<td>BETTY JANE EICKERSACH</td>
<td>A.B.</td>
<td>University of Chicago</td>
<td>Psychology</td>
</tr>
<tr>
<td>JAMES WILLIAM BROWN</td>
<td>A.B.</td>
<td>University of California</td>
<td>International Relations</td>
</tr>
<tr>
<td>JOSEPH SMITH CAGAN</td>
<td>A.B.</td>
<td>University of Chicago</td>
<td>Psychology</td>
</tr>
<tr>
<td>JOHN FREDERICK GREDE</td>
<td>A.B.</td>
<td>University of Chicago</td>
<td>International Relations</td>
</tr>
<tr>
<td>ELAINE DOROTHY GRAHAM</td>
<td>A.B.</td>
<td>University of Chicago</td>
<td>Social Science</td>
</tr>
<tr>
<td>JOHN FREDERICK GREDE</td>
<td>A.B.</td>
<td>University of Chicago</td>
<td>International Relations</td>
</tr>
<tr>
<td>CHARLOTTE FRANCES GREEN</td>
<td>A.B.</td>
<td>University of Chicago</td>
<td>International Relations</td>
</tr>
<tr>
<td>FRANCES HASS</td>
<td>A.B.</td>
<td>The City College of Chicago</td>
<td>Social Science</td>
</tr>
<tr>
<td>RITA BARNES</td>
<td>A.B.</td>
<td>The City College of Chicago</td>
<td>Social Science</td>
</tr>
<tr>
<td>ELIZABETH EUGENE HANSEN</td>
<td>A.B.</td>
<td>The City College of Chicago</td>
<td>Social Science</td>
</tr>
<tr>
<td>ARNOLD CARL BABSBERG</td>
<td>A.B.</td>
<td>The City College of Chicago</td>
<td>Social Science</td>
</tr>
<tr>
<td>ANNA EILEEN HANSEN</td>
<td>A.B.</td>
<td>The City College of Chicago</td>
<td>Social Science</td>
</tr>
</tbody>
</table>

**Thesis Titles:**
- "Thesis: Some Community Features Affecting the Location of the Liquor License"
- "Paper: Sibling Relationships"
- "Without thesis"
- "Thesis: The Black Jews of Harlem"
- "Thesis: The Influence of Party as Confounded by Credibility and Credibility"
- "Thesis: The Effect of Electroconvulsive Therapy upon Psychotic Patients as Measured by the Wechsler Memory Test"
- "Thesis: Governmental Controls over Foreign Trade and Finance in American Foreign Policy, 1937-41"
- "Paper: A Study of Diversity in Cook County"
- "Thesis: The Political Philosophy of William Allen White"
- "Thesis: The Efficiency of Preventive Psychotherapy in Altering Examination Anxiety"
- "Thesis: An Attempt to Examine a Conditional Responsibility Response in Rats by Preconditioning in a Nonavoidance Situation"
- "Paper: A Comparison of Values between European Refugees and Native-born Americans"
- "Thesis: Foundations in the Massachusetts Boys Colony, 1737-90"
- "Paper: Sex Education in High Schools since 1910"
- "Thesis: A Comparison between Estimates of Intelligence from Projective and from Standard Tests"
- "Thesis: Elitism and Philanthropy in American Foreign Policy, 1925-34"
- "Thesis: The Occupational Ambitions of Two Groups of Negro Children"
- "Thesis: Factors Associated with Leadership Selections of Seventh-Grade Students at the University of Chicago Laboratory"
- "Paper: The Application of the Guttman Scale Technique to the Reduction of the Semantic Scale of White Cancer Test: A Step Toward Classification"
- "Paper: Ethnic and Social Class Differences in Intelligence Test Scores"
- "Thesis: Economic Aspects of German Geopolitical Thought"
- "Thesis: Scandinavian Settlement in Patagonia"
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree, Institution, Year</th>
<th>Thesis/Work</th>
</tr>
</thead>
<tbody>
<tr>
<td>JULLE PLATT</td>
<td>A.B., University of Chicago, 1943</td>
<td>Thesis: The Tenno System in Japan</td>
</tr>
<tr>
<td>DOLORETHY ANN RAPPORT</td>
<td></td>
<td>Without thesis</td>
</tr>
<tr>
<td>PATRICIA SHERMAN REAGER</td>
<td></td>
<td>Paper: A Study of Divorce in Cook County</td>
</tr>
<tr>
<td>MARY MILE REED</td>
<td></td>
<td>Without thesis</td>
</tr>
<tr>
<td>ALBERT EVERETT REES</td>
<td></td>
<td>Without thesis</td>
</tr>
<tr>
<td>NATALIE BOODT</td>
<td></td>
<td>Thesis: Racial Attitudes in a White Community Residing on a Negro District</td>
</tr>
<tr>
<td>MARION VE ETTE ROSEN</td>
<td></td>
<td>Thesis: Performances on the Pen-Upward Test as Related to Research Survey</td>
</tr>
<tr>
<td>ALAN MARTIN SCHULZ</td>
<td></td>
<td>Thesis: The Reaction to John Bright's Attempt to Americanize England as Revealed in His Speeches, 1858-60</td>
</tr>
<tr>
<td>WILLIAM HULE BEAMS</td>
<td></td>
<td>Thesis: The Evolution of the Close-and-Despair Doctrine</td>
</tr>
<tr>
<td>FREDRICKA DOLL VON REDLICH</td>
<td></td>
<td>Thesis: The Evolution of the Close-and-Despair Doctrine</td>
</tr>
<tr>
<td>PHILIP WELDON YOUNG</td>
<td></td>
<td>Thesis: The Competitive Value of Sectarian Indoctrination</td>
</tr>
<tr>
<td>RAYMOND EDWARD ZINZER</td>
<td></td>
<td>Thesis: The Competitive Value of Sectarian Indoctrination</td>
</tr>
<tr>
<td>JANEFRANCE GREEN</td>
<td></td>
<td>Professional Certificate for Secondary-School Teachers:</td>
</tr>
<tr>
<td>CHARLES BRUCE MACKLIN</td>
<td></td>
<td>Charlotte Frances Goura</td>
</tr>
<tr>
<td>JACQUELINE LOU KINZARE</td>
<td></td>
<td>Jacqueline Lou Kinzare</td>
</tr>
<tr>
<td>CHARLES BUCK MACKLIN</td>
<td></td>
<td>Charlotte Frances Goura</td>
</tr>
</tbody>
</table>
Professional Certificate for Junior College Teachers:

Robert Neil Ellison Magna

III. IN THE DIVINITY SCHOOL

CHARLES JOHN CURTIS
A.B., Gustavus Adolphus College, 1943

ROY WARREN FABER
A.B., University of Chicago, 1945

ROY WARREN FABER
A.B., University of Chicago, 1945

III. IN THE DIVINITY SCHOOL

ROY WARREN FABER
A.B., University of Chicago, 1945

IV. IN THE GRADUATE LIBRARY SCHOOL

SIDNEY HOLMES
A.B., Converse College, 1928

V. IN THE SCHOOL OF SOCIAL SERVICE ADMINISTRATION

ANITA DENBO ANDALMAN
A.B., University of Illinois, 1945

EVELYN GRACE BELL
A.B., Indiana Central College, 1945

BARBARA BOWMAN KIRKPATRICK
A.B., Swarthmore College, 1942

CHARLES WILLIAM LAUGHTON, JR.
A.B., American University, 1940

GWENDOLYN COVINGTON LEE
S.B., University of Chicago, 1927

ALVARITA AISHE NEWMAN
A.B., Manchester College, 1944
### II. The Degree of Master of Science

#### 1. In the Division of the Biological Sciences

<table>
<thead>
<tr>
<th>Name</th>
<th>College/University</th>
<th>Degree(s)</th>
<th>Thesis/Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARLENE MARIS ALLEN</td>
<td>University of Chicago</td>
<td>S.B., Ph.D. in Biology, 1950</td>
<td>Essay: Sexual Hormones in Actinia: The Production of Hormones A on Synthetic Media</td>
</tr>
<tr>
<td>SISTER M. VIVIAN ARTS</td>
<td>College of St. Scholastica</td>
<td>S.B. in Nursing Education, 1945</td>
<td>Thesis: The Role of the Director of Nursing Service in a General Hospital</td>
</tr>
<tr>
<td>OLGA V. BENDERHOF</td>
<td>Western Reserve University, Ohio</td>
<td>S.B. in Biology, 1942</td>
<td>Essay: The Care of the Chronically Ill in Minnesota and Implications for Nursing</td>
</tr>
<tr>
<td>PAO CHIE CHEN</td>
<td>Union Medical College, China</td>
<td>S.B. in Nursing, 1936</td>
<td>Thesis: A Plan for Public Health Nursing Education in the National Institute of Health in China</td>
</tr>
<tr>
<td>SHIRLEY HAWNO GROSSE</td>
<td>University of Minnesota</td>
<td>S.B. in Botany, 1940</td>
<td>Thesis: Fixation of Carbon Dioxide by Plant Oxalacetic Carboxylase</td>
</tr>
<tr>
<td>MIRIAM CLAIRE GOLUB</td>
<td>St. Mary's College, 1947</td>
<td>S.B. in Biology, 1947</td>
<td>Thesis: Effects of 2,4-Dichlorophenoxyacetic Acid in Combination with Organic Acids on Chlorella Cultures</td>
</tr>
<tr>
<td>MINDA ZIMMERMAN</td>
<td>University of Chicago</td>
<td>S.B., 1944</td>
<td>Essay: Changes in Soluble Nitrogen, Viscosity, and Cooking Quality of Cheddar Cheese on Storage</td>
</tr>
<tr>
<td>Name</td>
<td>Degree Institution</td>
<td>Field</td>
<td>Major/Thesis/Essay</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>----------------------------</td>
<td>---------------------------</td>
<td>-------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>JOHN SIMON KAPPA</td>
<td>Bacc. de Phil., Lycee Henri Poincare, Nancy, France, 1942</td>
<td>(Biological Sciences)</td>
<td>Essay: The Diagnostic Use of Judgments of Time Intervals</td>
</tr>
<tr>
<td></td>
<td>A.B., Central Y.M.C.A. College, 1944</td>
<td></td>
<td>Essay: intermediate Currents and Potential Fields in Various Functions</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Thesis: Co-operative Housing in the United States</td>
</tr>
<tr>
<td>JULIUS BAHR KARK, Jr.</td>
<td>S.B., University of Chicago, 1947</td>
<td>(Biological Sciences)</td>
<td>Essay: The Effect of Mitochondria on Plant Growth</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Thesis: The Possible Use of the Golden Hamster for Auditory Research</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Thesis: Changes in the Economic Status and Living Conditions of a University Faculty, 1940-46</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Essay: Current Proposals concerning Basic Preparation for Professional Nursing</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Thesis: The Definition of an Optimum Calcium Diet</td>
</tr>
<tr>
<td>JULIUS BAHR KARK, Jr.</td>
<td>S.B., University of Chicago, 1947</td>
<td>(Biological Sciences)</td>
<td>Thesis: Extra-professional Programs in Hospital Schools of Nursing</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Essay: The Role of Honesty in Allergy</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>II. IN THE DIVISION OF THE PHYSICAL SCIENCES</td>
</tr>
<tr>
<td>HERBERT STANLEY APPLEMAN</td>
<td>S.B., University of Illinois, 1940</td>
<td>(Meteorology)</td>
<td>Thesis: Winter Trends in Rainfall and Temperature Since 1900 and Their Relationship to Circulation Index</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Essay: The Complex Cyanides of the Transition Elements</td>
</tr>
<tr>
<td>jack Axelrod</td>
<td>S.B., University of Chicago, 1947</td>
<td>(Physical Sciences)</td>
<td>Without thesis</td>
</tr>
<tr>
<td>william ralph ballard</td>
<td>S.B., University of Chicago, 1947</td>
<td>(Chemistry)</td>
<td>Thesis: The Climate of the Lake Michigan Fruit Belt</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Thesis: The Allegheny High Plains</td>
</tr>
<tr>
<td>JACK VIRGIL CHAMBERS</td>
<td>S.B., University of Chicago, 1947</td>
<td>(Geography)</td>
<td>Without thesis</td>
</tr>
<tr>
<td>richard eli cramer</td>
<td>S.B., University of Chicago, 1947</td>
<td></td>
<td>Thesis: The Complete Scientific Examination of the Transition Elements</td>
</tr>
<tr>
<td>richard vincent kadow</td>
<td>S.B., University of Chicago, 1947</td>
<td>(Mathematics)</td>
<td>Without thesis</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Without Thesis</td>
</tr>
<tr>
<td>SIM LAUER</td>
<td>S.B., University of Chicago, 1947</td>
<td>(Mathematics)</td>
<td>Thesis: Meteorological Aspects of Microwave Relay Systems</td>
</tr>
<tr>
<td>ROBERT ERIC LEIT</td>
<td>S.B., University of Chicago, 1947</td>
<td></td>
<td>Without thesis</td>
</tr>
<tr>
<td>JOHN MORRIS MACKEA</td>
<td>S.B., University of Chicago, 1947</td>
<td>(Chemistry)</td>
<td>Essay:Pressure-Height Extrapolations</td>
</tr>
<tr>
<td>MYRTLE EMILY MORLEY</td>
<td>S.B., University of Chicago, 1947</td>
<td>(Chemistry)</td>
<td>Thesis: An Investigation of the Wind and Temperature Fields in the Upper Atmosphere</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Without thesis</td>
</tr>
<tr>
<td>kenneth malcolm magler</td>
<td>S.B., University of Chicago, 1947</td>
<td>(Meteorology)</td>
<td></td>
</tr>
</tbody>
</table>
III. Professional Degrees

I. In the School of Social Service Administration
For the Degree of Bachelor of Social Service:

ANNE KOPP
BLOSSOM ROCHELLE MARSHAK
ELAINE ZELIN

II. In the School of Business
For the Degree of Master of Business Administration:

RUDY SIMON
S.B., Case School of Applied Science, 1944

CHESTER WHITTIER NEWTON
S.B., University of Chicago, 1946 (Meteorology)

ROY HERBERT REINHART
A.B., Miami University, 1941 (Geology)

HARRIET ROSE RODEBUSH
A.B., Radcliffe College, 1943 (Meteorology)

ERIC JACOB SIMON
S.B., Case School of Applied Science, 1944 (Chemistry)

ISADORE MANUAL SINGER
S.B., University of Michigan, 1944 (Mathematics)

MING-SHAN SUN
S.B., National Central University, Chungking, China, 1940 (Geology)

EUGENE FRANCIS TROMBLEY
S.B., University of Detroit, 1941 (Mathematics)

THESIS:
The Winter Temperature Distribution and Flow Patterns in the Upper Air over North America

THESIS:
Halianassa Ossivalensis: A Sirenian from the Bone Valley Formation, Florida

THESIS:
The Contribution of the Sea Breeze to Thunderstorm Formation in Florida

Without thesis

Without thesis

THESIS:
Some Feldspars of Black Hills Pegmatites

THESIS:
Some Feldspars of Black Hills Pegmatites

III. Professional Degrees

I. In the School of Social Service Administration
For the Degree of Bachelor of Social Service:

ANNE KOPP
BLOSSOM ROCHELLE MARSHAK
ELAINE ZELIN

II. In the School of Business
For the Degree of Master of Business Administration:

RUDY SIMON
S.B., Case School of Applied Science, 1944

CHESTER WHITTIER NEWTON
S.B., University of Chicago, 1946 (Meteorology)

ROY HERBERT REINHART
A.B., Miami University, 1941 (Geology)

HARRIET ROSE RODEBUSH
A.B., Radcliffe College, 1943 (Meteorology)

ERIC JACOB SIMON
S.B., Case School of Applied Science, 1944 (Chemistry)

ISADORE MANUAL SINGER
S.B., University of Michigan, 1944 (Mathematics)

MING-SHAN SUN
S.B., National Central University, Chungking, China, 1940 (Geology)

EUGENE FRANCIS TROMBLEY
S.B., University of Detroit, 1941 (Mathematics)
III. IN THE FEDERATION OF THEOLOGICAL SCHOOLS
IN CO-OPERATION WITH THE CHICAGO THEOLOGICAL SEMINARY

For the Degree of Bachelor of Divinity:

HENRY DEMLER
Thesis: The Role of the Liberal Minister Today

IV. IN THE LAW SCHOOL

For the Degree of Doctor of Law:

RUTH GOLDMAN
S.B., University of Chicago, 1942

EUNICE MARGARET STEVENSON
A.B., North Central College, 1946

CHARLES LESLIE STEWART, JR.
A.B., University of Illinois, 1940
A.M., Louisiana State University, 1941

EDWARD RUDOLPH FISCHL
A.B., University of Chicago, 1941

HAROLD LEON GOLDMAN
A.B., University of Illinois, 1942

JAMES WOODHOUSE TEDROW
A.B., University of Chicago, 1942

For the Degree of Master of Laws:

PAUL NOELKE
A.B., Marquette University, 1936
LL.B., ibid., 1938

V. IN THE SCHOOL OF MEDICINE OF THE DIVISION OF THE
BIOLOGICAL SCIENCES

For the Degree of Doctor of Medicine:

CONSTANTINE SPIRO ANAST, Jr.
C. A. University of Dijon, 1905

JACK R. BENNETT
A.B., University of Chicago, 1925

JAMES WOODHOUSE T. B. A.
A.B., University of Chicago, 1919

PAUL SNOWDEN RUSSELL, Jr.
A.B., University of Chicago, 1945

EDYTH HULL SCHOENRICH
A.B., Duke University, 1941

JESSE BEDFORD SHELMIRE III
A.B., University of Chicago, 1947

WILLIAM CHESTER VERNON, JR.
A.B., University of Chicago, 1945
IV. THE DEGREE OF DOCTOR OF PHILOSOPHY

I. IN THE DIVISION OF THE BIOLOGICAL SCIENCES

DORIS HOWES CALLOWAY
S.B., Ohio State University, 1943
(Horne Economics)  
MARJORIE BERGMANN DOUGLIS
A.B., Cornell University, 1939
A.M., Columbia University, 1943
(Zoology)  
ASHER JOSEPH FINKEL
S.B., University of Chicago, 1936
(Zoology)  
ELROY LEON RICE
A.B., Central State Teachers College, Edmond, Oklahoma. 1933
S.M., University of Oklahoma, 1942
(Botany)  

Thesis: The Growth-promoting Value of Turnip Leaf Protein Alone and as a Supplement to Corn

II. IN THE DIVISION OF THE HUMANITIES

LLOYD JOHNSTON DAVIDSON
Ph.B., University of Chicago, 1932
A.M., ibid., 1934
(English Language and Literature)  
FRANCES ELDREDGE
A.B., Wellesley College, 1932
A.M., Tufts College, 1934
(English Language and Literature)  
WALDEMER PICKETT READ
S.B., University of Utah, 1928
A.M., University of Chicago, 1933
(Philosophy)  
JOSEF RYSAN
(Germanic Languages and Literatures)  

Thesis: Thomas Carlyle's Rhetorical Theory

Thesis: Criteria for Lyric in the Later English Renaissance

Thesis: John Dewey's Conception of Intelligent Social Action

Thesis: Wilhelm Heinrich's "Baremstadium": A Study in Witchcraft and Cultural History

III. IN THE DIVISION OF THE PHYSICAL SCIENCES

GEORGE STOCK BENTON
S.B., University of Chicago, 1942
(Meteorology)  
R. PHILIP HAMMOND
S.B. in Ch.E., University of Southern California, 1938
(Chemistry)  
BORIS A. JACOBSOHN
A.B., Columbia University, 1938
A.M., ibid., 1939
(Physics)  
HARRIS LOUIS MAYER
A.B., New York University, 1940
A.M., Columbia University, 1941
(Physics)  
WILLIAM HERMAN LEWIS MEYER, JR.
A.B., Westminster College, New Wilmington, Pennsylvania, 1936
S.M., University of Chicago, 1937
(Mathematics)  
HENRY WISE
S.B., University of Chicago, 1941
S.M., ibid., 1944
(Chemistry)  

Thesis: The Hydrodynamics of the Flow of Homogeneous Fluids through Saturated Porous Media

Thesis: Research on a National Defense Project*

Thesis: Research on a National Defense Project*

Thesis: Multiple Integral Problems Involving n Dependent Functions in the Calculus of Variations

IV. IN THE DIVISION OF THE SOCIAL SCIENCES

ROBERT EUGENE BELL
A.B., University of New Mexico, 1930
A.M., University of Chicago, 1943
(Anthropology)  
CECIL CLYDE BLAIR
A.B., University of Arkansas, 1915
A.M., University of Chicago, 1925
(History)  

Thesis: Chronology in the Middle Mississippi Valley

Thesis: The Chicago Democratic Press and the Civil War

*Theses on national defense research projects are approved by the faculty members who are also participating in a defense research project closely related to the student's field of investigation. Results of such research are of current national defense secrets.
GERALD WILLIAM BRESEE
A.B., University of Chicago, 1935
A.M., ibid., 1936

ROBERT EUGENE CLARK
A.B., University of Akron, 1935
A.M., University of Chicago, 1939

ROBERT ELLSWORTH ELDER
A.B., Indiana State Teachers College, 1936
A.M., University of Chicago, 1937

RONALD FREEDMAN
A.B., University of Michigan, 1939
A.M., ibid., 1940

WILLIAM BYRAM GATES, JR.
A.B., Williams College, 1939
A.M., University of Chicago, 1947

THOMAS DALE HAMILTON
A.B., DePauw University, 1936
A.M., University of Chicago, 1940

JOHN JOSEPH KURTZ
A.B., University of Wisconsin, 1935
A.M., Northwestern University, 1940

ROSE HUM LEE
S.B., Carnegie Institute of Technology, 1942
A.M., University of Chicago, 1943

THOMAS HALE HAMILTON
A.B., DePauw University, 1936
A.M., University of Chicago, 1940

JOHN JOSEPH KURTZ
A.B., University of Wisconsin, 1935
A.M., Northwestern University, 1940

ROSE HUM LEE
S.B., Carnegie Institute of Technology, 1942
A.M., University of Chicago, 1943

LOUISE MARIE LEMBERGER
A.B., University of Chicago, 1943

ROBERT KARL MARTIN
A.B., Brandeis University, 1936

KAHLE WENZEL
A.B., University of Chicago, 1935

LESTER GEORGE SELIGMAN
A.B., Williams College, 1938

BECKMAN, REED
A.B., University of the City of New York, 1937

THESIS: The United States Government as Bibliographer

V. IN THE DIVINITY SCHOOL

JAMES THOMAS Ross
A.B., Boston University, 1935

CARL GUSTAF STROMBERG
A.B., University of Helsinki, 1935

WOODROW WILSON WASSON
A.B., Harvard University, 1935

W. B., University of Chicago, 1942

THESIS: A Committee of Your Neighbors: A Case Study of Citizen Participation in the Administrative Process

VI. IN THE GRADUATE LIBRARY SCHOOL

SIDNEY BUTLER SMITH
A.B., Washington and Lee University, 1934

DOROTHY OWENDOY WILLIAMS
A.B., Simmons College, 1932
A.M., Columbia University, 1944
It was moved and seconded that the appointment of Mr. Harold R. Voorhees, Lecturer in Physics and Assistant Dean of Students in the Physical Sciences Division (4B), carry annuity benefits to the extent of a contribution by the University of 5% of the total annual salary ($6,000), to match an equal payment by himself, and, a vote having been taken, the motion was declared adopted.

On the recommendation of the Chancellor and the Committee on Instruction and Research:

It was moved and seconded to increase the level of top annual salaries in the School of Business from $10,000 to $12,000 on 4B and further, to increase the top level in the area of Extension and Subcollegiate Instruction from $7,000 to $7,500 (the authorizations in the various areas would then be as follows:

<table>
<thead>
<tr>
<th>Division / School</th>
<th>Authorization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Sciences Division including Medical School</td>
<td>$20,000</td>
</tr>
<tr>
<td>Humanities Division</td>
<td>18,000</td>
</tr>
<tr>
<td>Physical Sciences Division</td>
<td>18,000</td>
</tr>
<tr>
<td>Social Sciences Division</td>
<td>15,000</td>
</tr>
<tr>
<td>College</td>
<td>15,000</td>
</tr>
<tr>
<td>Business School</td>
<td>12,000</td>
</tr>
<tr>
<td>Divinity School</td>
<td>9,000</td>
</tr>
<tr>
<td>Law School</td>
<td>10,000</td>
</tr>
<tr>
<td>Graduate Library School</td>
<td>10,000</td>
</tr>
<tr>
<td>Social Service Administration School</td>
<td>9,000</td>
</tr>
<tr>
<td>Library</td>
<td>11,000</td>
</tr>
<tr>
<td>Dean of Students Office</td>
<td>10,000</td>
</tr>
<tr>
<td>Press</td>
<td>15,000</td>
</tr>
<tr>
<td>Extension and Subcollegiate Instruction</td>
<td>7,500</td>
</tr>
</tbody>
</table>

At a meeting of the Committee on Instruction and Research on February 13, 1947, the level of top annual salaries in the Law School was increased to $15,000 on 4B appointment, and, a vote having been taken, the motion was declared adopted.

The Chancellor presented the following report and recommendation:

Report was made at a special meeting of the Board of Trustees on September 2, 1947 on discussions between representatives of the University and representatives of the Atomic Energy Commission on the subject of the Clinton National Laboratory at Oak Ridge, Tennessee. The following excerpts are from the minutes of that special meeting:

* * * *

"The Atomic Energy Commission has made the following proposal with reference to the operation of Clinton National Laboratories: Reimbursement of (a) all direct expenses;
(b) overhead at Clinton; (c) overhead at Chicago which may properly be allocated to Clinton operation, and (d) fixed fee of $725,000 per year.

"The proposal provides further that no change would be made in the fixed fee if the annual volume of expenditures increases by 20%, or is reduced by 20%. The University would have the right to terminate the contract if annual expenditures for operation fell below $7,500,000. The proposed fee is approximately 5.9% of operating expenditures before the fixed fee.

"It is also proposed that the University assume responsibility for new construction at Clinton. The exact form for computing the fixed fee has not been determined, but it has been agreed by the Commission that the fee will be approximately 2% of the total cost of construction."

"After discussion, it was moved and seconded that, in view of the urgent request of the Atomic Energy Commission; the attitudes of the members of the Oak Ridge Institute of Nuclear Studies and other groups with which the subject has been discussed; and the scientific and administrative strength of the University:

1. The University undertake the operation and new construction of the Clinton Laboratory at Oak Ridge, Tennessee, as requested by the Atomic Energy Commission, provided contracts can be negotiated with the Commission which give adequate protection to the University; and

2. The Business Manager be authorized to negotiate and execute, subject to the approval of the Chancellor, such contracts with the Atomic Energy Commission for operations and for construction which include satisfactory provisions for working advances, reimbursement of direct expenses, overhead allowances, management fees and other appropriate items, including clauses by virtue of which the University will be held harmless.

3. Questions with respect to the contract be referred to the committee on Business Affairs with power to act,

and, a vote having been taken, the motion was declared adopted."
After further discussions with representatives of the Atomic Energy Commission in connection with the fixed fee, it seemed advisable that the total fixed fee for operations and construction should be set at the rate of $750,000 per year for the first period of operations. This fee is in addition to all direct expenses at the Laboratory, overhead at the Laboratory and overhead at Chicago which may properly be allocated to the Clinton National Laboratory. The first period of operations is from January 1, 1948 through June 30, 1949, and a new fee will be negotiated six months before the expiration of the first period.

The proposed fee at the rate of $750,000 a year for the first period of operations is greater than the operating fee described above but less than the combined operating and expected construction fee.

It is recommended that the appropriate officers be authorized to agree to a fee covering operations and construction in connection with the Clinton National Laboratory at the rate of $750,000 a year for the first period (eighteen months) of operations.

It was moved and seconded to authorize the appropriate officers to agree to a fee covering operations and construction in connection with the Clinton National Laboratory at the rate of $750,000 a year for the first period (eighteen months) of operations, and, a vote having been taken, the motion was declared adopted.

The Chancellor presented the following recommendations with respect to the Statutes:

It is recommended that Statute 18, paragraph (2), which reads:

The widow of any person in receipt of, or eligible to, a retiring allowance at the time of his death shall be entitled to one-half of the amount of his allowance during the period of her widowhood, provided she was his wife at the time of his retirement and had been his wife for not less than ten years before his death.

and paragraph (3) which reads:

During the period of her widowhood and provided her husband shall have served the University for not less than ten years, the widow of a person eligible to participate in this retiring allowance plan shall, if she shall have been the wife of such person for not less than ten years immediately prior to his decease, be granted an annual allowance computed at the rate of $50 for each completed year of the husband's service, except that no such allowance shall exceed $1,500.

This provision shall be effective on and after January 1, 1928, but shall be subject to modification or repeal in...
It is recommended, on the basis of action by the Council of the University Senate and approval of the Committee on Instruction and Research, that Statute 14, Article XII, Section 1, be amended to read:

(2) In the sole discretion of the University, the widow of any person in receipt of, or eligible to a retiring allowance at the time of his death, may be paid an allowance from time to time during the period of her widowhood in an amount not to exceed one-half of his allowance, provided she was his wife at the time of his retirement and had been his wife for not less than ten years before his death. Any such payment by the University shall be voluntary and without obligation.

(3) During the period of her widowhood and provided her husband shall have served the University for not less than ten years, the widow of a person eligible to participate in this retiring allowance plan shall, if she shall have been the wife of such person for not less than ten years immediately prior to his death, be paid, in the sole discretion of the University, an annual allowance at a rate not exceeding $50 for each completed year of the husband's service, provided, however, that no such allowance shall exceed $1,500. This provision shall be effective on and after January 1, 1928, but shall be subject to modification or repeal in whole or in part at any time at the option of the Board of Trustees. (The additions to the present wording are underlined)

It was moved and seconded to amend the University Statutes as recommended above, and, a vote having been taken, the motion was declared adopted.

The Chancellor presented the following recommendation with respect to the Statutes:

(1) In the sole discretion of the University, the widow of any person in receipt of, or eligible for a retiring allowance at the time of his death, may be paid an allowance from time to time during the period of her widowhood in an amount not to exceed one-half of his allowance, provided she was his wife at the time of his retirement and had been his wife for not less than ten years before his death. Any such payment by the University shall be voluntary and without obligation.

(2) During the period of her widowhood and provided her husband shall have served the University for not less than ten years, the widow of a person eligible to participate in this retiring allowance plan shall, if she shall have been the wife of such person for not less than ten years immediately prior to his death, be paid, in the sole discretion of the University, an annual allowance at a rate not exceeding $50 for each completed year of the husband's service, provided, however, that no such allowance shall exceed $1,500. This provision shall be effective on and after January 1, 1928, but shall be subject to modification or repeal in whole or in part at any time at the option of the Board of Trustees. (The additions to the present wording are underlined)

It was moved and seconded to amend the University Statutes as recommended above, and, a vote having been taken, the motion was declared adopted.
The Chancellor presented the following recommendation:

At the Annual Meeting of the Board of Trustees of the Country Home for Convalescent Children held November 19, 1947, it was voted to nominate to the Board of Trustees of The University the following persons as members of the Board of Managers of The Country Home, to hold office for one year or until their respective successors are appointed and qualified:

- Armour, Mrs. J. Ogden
- Avery, Mrs. Sewell
- Baker, Mrs. Robert R.
- Browne, Mrs. Aldis J.
- Canning, Mrs. Arthur W.
- Davis, Mrs. Abel
- Dooley, Mrs. Laurence
- Harris, Miss Lillian I.
- Lewis, Mrs. Lloyd D.
- Linn, Mrs. W. Scott
- McInerney, Frank
- Miller, Mrs. C. Phillip
- Morse, Mrs. Charles H.
- Pheasister, Mrs. Dallas R.
- Reay, Mrs. Alexander Ha., Jr.
- Sills, Mrs. Clarence W.
- Stone, Mrs. J. McMillians
- Strong, Mrs. Walter

It is recommended that the persons nominated above be appointed to the Board of Managers of The Country Home for Convalescent Children.

It was moved and seconded to appoint the persons named above as members of the Board of Managers of The Country Home for Convalescent Children, to hold office for one year, or until their respective successors are appointed and qualified, as recommended, and, a vote having been taken, the motion was declared adopted.

The Chancellor presented the following recommendation:

Under the will of Arthur Heun of Chicago (reported to the Board of Trustees by the Treasurer August 8, 1946), the University of Chicago received $10,000 to be added to the "Harriet Monroe Fund" and the Chicago Lying-in Hospital received $50,000 to establish the "Janet Fairbank Fund." The clause of Mr. Heun's will with regard to the fund for the advancement and encouragement of poetry contains the following clause; the income "in the discretion of the University, may be used for the enlargement of the 'Harriet Monroe Poetry Collection'...."

It is recommended that the income from the $10,000 endowment fund shall be used to augment the annual support now received from the "Harriet Monroe Poetry Memorial Fund," which is used for the purchase of library books in the field of poetry.

It was moved and seconded to use the income from the $10,000 endowment fund received under the will of Arthur Heun of Chicago to augment the annual support now received from the "Harriet Monroe Poetry Memorial Fund," as recommended, and, a vote having been taken, the motion was declared adopted.
On the recommendation of the Chancellor,

It was moved and seconded to accept the resignation of

Nell H. Jacoby, Vice-President in charge of Development
and Professor of Finance in the School of Business

effective December 31, 1947 (Mr. Jacoby has accepted an
appointment as Dean of the School of Business of the Uni-

versity of California at Los Angeles), and, a vote having
been taken, the motion was declared adopted.

At the request of the Chancellor the Comptroller presented

the following recommendations:

In the proposed plan for financing of top priority projects

for plant extension, approved by the Board June 12, 1947,

it was pointed out that $1,280,000 had already been appro-

priated for the estimated cost of the Administration Buil-

ding, but that the then current estimates indicated that

an additional $120,000 would be needed, making the aggre-

gate estimated cost $1,400,000.

It was suggested at that time that $60,000 be earmarked

from Trustees' Fund #1 and $60,000 be earmarked from

Rockefeller Final Gift to meet this increased cost, but

no formal appropriation has been made by either the Board

of Trustees or the Committee on Budget.

It is now recommended that the entire unappropriated bal-

cance of Trustees' Fund #1 of $59,165.27 be appropriated for

the construction costs of the Administration Building, and

that $60,000 be appropriated from Trustees' Fund #2 for

the same purpose, a total of $120,000. Trustees' Fund #2

now has an unappropriated balance of $181,535.

It is further recommended that the remaining unappropria-

ted balance in Trustees' Fund #2 plus all future additions

thereof be appropriated for the costs of the Administration

Building and that previous appropriations for the Adminis-

tration Building be reduced in a corresponding amount and

that such reductions be applied in the order and in the

amounts indicated below:

1. Martin A. Ryerson Bequest up to $240,000

2. Retiring allowance accumulated

   income (now functioning as endow-

   ment) up to $142,706

3. Rockefeller Final Gift up to $775,000

It was moved and seconded to make the appropriations

as recommended above, and, a vote having been taken,

the motion was declared adopted.

The Chancellor reported that on December 4, 1947, Rear Admiral

J. Cary Jones, Commandant of the High School District, present-

ed a plaque to The University of Chicago on behalf of the

Secretary of the Navy. The citation reads as follows:

Jacoby, N. H.,

Resignation of

Administration

Building, Approp-
riations for
The efficiency, patriotism and cooperative spirit demonstrated by the University of Chicago in training Navy V-12 (Medical), Aerological Engineering and Radio and Signal units, has been recognized by the entire nation. The men you provided have served our country in keeping with the best traditions of the naval service.

In behalf of the Secretary of the Navy, this plaque is presented to you in grateful acknowledgment of services rendered.

The Chancellor reported that at a ceremony on December 2, 1947, Plaque, Atomic Energy, a bronze plaque was unveiled at the West Stands on Ellis Avenue. The Chancellor, Drs. Fermi and Zinn, United States Atomic Energy Commission members Bacher, Pike and Waymack, and other appropriate scientists and officers of the University were present at the ceremony. The plaque reads as follows:

ON DECEMBER 2, 1942
MAN ACHIEVED HERE
THE FIRST SELF-SUSTAINING CHAIN REACTION
AND THEREBY INITIATED
THE CONTROLLED RELEASE OF NUCLEAR ENERGY

On behalf of the Chancellor, the following recommendation was presented:

It is recommended that the following contributions and grants of $100 or more, and alumni contributions of $100 or more, made or pledged since the last meeting of this Board, be accepted, and the Secretary of the Board of Trustees be directed to express the appreciation of the Board: (Gifts and pledges of money reported to the Board at this meeting aggregate $283,710.25.)

(The detailed contributions and grants were forwarded to all members of the Board and a copy has been attached to the official copy of the minutes of this meeting.)

The following report of the Vice-President--Development was submitted:

In celebration of the Fifth Anniversary of the first self-sustaining nuclear chain reaction, the Citizens Board held a commemorative luncheon on December 2, 1947 in the Crystal Ballroom of the Blackstone Hotel. This luncheon was attended by 268 members and guests, an all-time high in the history of the Citizens Board.
<table>
<thead>
<tr>
<th>Project Description</th>
<th>Amount</th>
<th>Recipient</th>
</tr>
</thead>
<tbody>
<tr>
<td>$100,000 to provide facilities for Cancer Research</td>
<td>Mr. Charles H. Worcester</td>
<td></td>
</tr>
<tr>
<td>$100,000 to provide facilities for Cancer Research</td>
<td>Mrs. Charles H. Worcester</td>
<td></td>
</tr>
<tr>
<td>$17,700 for the study of Isotope compositions of oxygen in living and fossil material — H.C. Urey</td>
<td>Geological Society of America</td>
<td></td>
</tr>
<tr>
<td>$13,000 for the Institute of Nuclear Studies on development of a method of measuring the ages of archeological and other buried carbonaceous materials by virtue of their radio carbon content</td>
<td>Viking Fund, Inc.</td>
<td></td>
</tr>
<tr>
<td>$11,500 to apply toward research Program of Dr. John O. Holness toxicity and mechanism of action of chemical agents to be tested for effectiveness in treatment of cancer</td>
<td>American Cancer Society, Inc.</td>
<td></td>
</tr>
<tr>
<td>$5,000 for Cancer Research by Dr. Huggins</td>
<td>Ben May</td>
<td></td>
</tr>
<tr>
<td>$5,000 for research on staphylococcus and poisoning</td>
<td>American Meat Institute</td>
<td></td>
</tr>
<tr>
<td>$5,000 for study of labor relations by Prof. Harry Mills for one year period beginning about October 1, 1947</td>
<td>Rockefeller Foundation</td>
<td></td>
</tr>
</tbody>
</table>
$3,000 for fellowship under direction of Prof. Khorasch in the field of Chemistry of free radicals

$3,690 thru the Alumni Fund, in support of the University

$2,500 supplementary grant for Dr. Gordon's research on Infantile Paralysis

$2,000 toward study of the value of a Meat Supplement in Pregnant Patients - Dr. Blackman

$1,850 renewal of fellowship for Miss Eleanor Taylor, SSBA

$1,000 to add to Staphylococcus Food Poisoning Fund

$1,000 for research study on staphylococcus food poisoning

$1,000 for research work of Dr. Huggins (Cancer research)

$1,000 for lectures by Milton Singer

$500 for Dr. Subrahmanyan Chandrasekhar

$500 in appreciation of use of Chapel

$500 for research - Industrial Relations Center

$500 toward Membership Fee in Industrial Relations Center

$810,130 Edward Don & Co. Scholarships for Autumn Quarter 1947

$110 toward Dr. Jacobsen's Cancer Research program

$100 for the Divinity School to be used for G.H. Smith Inst. Fund

Friends of Dallas B. Phenister

Firestone Tire & Rubber Co.

Mr. Charles E. Edfield

National Foundation for Infantile Paralysis

National Live Stock and Meat Board

Chicago Community Trust, A.M. Harris, General Fund.

Corn Industries Research Foundation

National Canners Association

Oklahoma Food Products Co.

Anonymous

American Philosophical Society

Chicago Stmai Congregation

Franklin Ass'n. of Chicago

The Fair Store

Edward Don & Co.

Bro. Julius (Edo) Schaefer

Chapin-Ray Foundation
$100 for Xmas Fund of Bob's Roberts Hospital

$100 for Xmas Fund of Country Home for Convalescent Children

$100 to Lilienthal Research Fund for Hypertension in memory of his brother, Mike's Birthday

$75 to be used for Medical Social Relief

$50 to be used for General Biological Sciences Research

$50 to be used for Biological Sciences Research

$50 to be added to the Lilienthal Hypertension Fund

$50 in memory of Bruce Hicks to purchase Drugs for Bob's Roberts Hospital

$25 in memory of Bruce Hicks to be used for Drugs at Bob's Roberts Hospital
At the speakers' table were eleven of the scientists who took part in the original experiment five years ago; also Dr. Farlington Daniels, Chairman of the Board of Governors of the Argonne National Laboratory; Messrs. Robert E. Bacher and William W. Smyth, commissioners of the United States Atomic Energy Commission; and the following men who addressed the Board: Sumner T. Pike, Vice Chairman of the United States Atomic Energy Commission; Walter H. Zinn, Director of the Argonne National Laboratory; Enrico Fermi, discoverer of the controlled chain reaction; and Chancellor Hutchins.

Comments from members of the Citizens Board have been extremely favorable; the meeting received very wide coverage by the press. It is believed that the meeting did much to strengthen the University's position in the minds of the members of the community.

We are pleased to report that since its last meeting, Mr. E. Francis Bowditch has joined our Citizens Board.

It is with deep regret that we report the death of three of our Citizens Board Members; Mr. Erwin O. Freund on November 12th; Mr. Edgar B. Tolsman on November 20th; and Mr. Joseph T. Ryerson on December 7th, 1947. Mr. Freund, Mr. Tolsman and Mr. Ryerson had been members of the Citizens Board since May 1940.

The report was received and ordered placed on file.

Mr. Benton reported on the Encyclopaedia Britannica. He stated that the financial condition of the Britannica continues to improve, that sales were approximately $1,914,000 in November, and that the operating profit would approximate $400,000 before taxes and exclusive of Film Company operations. A price increase is reflected in the November volume.

Mr. Benton reported that 93.4% of the unit sales of Britannica Junior are in conjunction with the atlas or the dictionary, that 24% of the unit sales of Britannica Senior are in conjunction with other units, and that 75% of Britannica Senior unit sales are the more expensively bound sets.

Mr. Benton stated that there would be an operating loss in December due to "orders in float" and the method of handling them, but that the operating profit for the year, before taxes, would amount to approximately $450,000.

He stated that the R. R. Donnelley and Sons Co. account was being paid in full today, and that he (Mr. Benton) had advanced funds to Britannica to make this possible and to help the company through this period.

Mr. Benton again referred to the inadequacy of the working capital of the Britannica in view of the tremendous expansion of Britannica operations.

Mr. Benton then reviewed conversations with representatives of the Western Electric Company in connection with Encyclopaedia Britannica Films Inc. He stated that $850,000 of debenture bonds
were issued at the time of the acquisition of the company, that these bonds were held by the Western Electric Company, and that the issue has been reduced to $600,000. The Film Company is expected to have an operating profit of about $250,000 before taxes in 1948. He stated that arrangements have been made whereby it is now possible to borrow against Film Company receivables in the event additional working capital is needed.

The Chairman of the Special Committee on Encyclopaedia Britannica appointed at the November meeting of the Board (Mr. Blair) reported on the meetings of that committee. The Treasurer made a further report of the work and conclusions of that Committee.

After discussion,

It was moved and seconded that the University accept preferred stock in Encyclopaedia Britannica in lieu of royalties if Encyclopaedia Britannica so requested or desired, up to $1,000,000, and that the Special Committee on Encyclopaedia Britannica be given power to negotiate on specific questions in this connection, and a vote having been taken, the motion was declared adopted.

The Treasurer presented the following report and recommendations:

This is a modification of the tanker investment approved by the Committee on November 6.

The University may now be offered an investment of not to exceed $2,500,000 in 4% First Mortgage Five or Seven Year Notes of American Overseas Tanker Corporation together with $20,000 of stock representing a one-fifth interest in the equity of that company and in Greenwich Marine Corporation.

Brief Description of the Proposed Transaction: American Overseas, a Delaware company, has been granted by the United States Maritime Commission the right to purchase five tankers now owned by the Government. These will be chartered to Greenwich, a Panama company, which in turn will charter them to Panama Transport Company, a Standard Oil (S. J.) subsidiary incorporated in Panama, hereinafter called Jersey. The ships will cost approximately $2,000,000 each, or a total of some $10,000,000, of which the University will advance not in excess of $2,500,000 and a group of banks headed by Bankers Trust Company of New York will advance $7,500,000, both against a first mortgage on the vessels. The charter hire paid by Jersey will be sufficient to repay the $10,000,000 in full during the period of the charter and the charter undertaking will be guaranteed by Jersey's parent.

The stock of American Overseas and Greenwich will be owned 80% by an operating group whose members will invest $80,000 in these stocks and 20% by the University, which will invest $20,000.
To the Members of the Board of Trustees:

There is an error on page 11 of the minutes of the Board of Trustees of December 11, 1947.

The motion which reads:

After discussion,

It was moved and seconded that the University accept preferred stock in Encyclopaedia Britannica in lieu of royalties if Encyclopaedia Britannica so requested or desired, up to $1,000,000, and that the Special Committee on Encyclopaedia Britannica be given power to negotiate on specific questions in this connection, and, a vote having been taken, the motion was declared adopted.

should read:

After discussion,

It was moved and seconded that the University accept preferred stock or subordinated debentures in Encyclopaedia Britannica in lieu of cash for royalties if Encyclopaedia Britannica so requests or desires, up to $1,000,000, and that the Special Committee on Encyclopaedia Britannica be given power to act on specific questions in this connection, and, a vote having been taken, the motion was declared adopted.

The official minutes have been corrected, and report of this will be made at the January 1948 meeting of the Board.

December 29, 1947

Secretary

W. C. Ruemmele

Secretary
The Tankers: The tankers are type T-2, A-1 of some 16,000 deadweight tons. In all 451 such vessels were built for the Government in 1942-45. About 90 remain to be sold and the Maritime Commission is required to dispose of them prior to March 1, 1948. The sale of these tankers to foreign interests and for operation under foreign flag has recently been the subject of Congressional Investigation.

The sale price is fixed by Congress in the Ship Sales Act at $2,065,500 per vessel, less depreciation and minor adjustments. The net price will be between $1,700,000 and $1,900,000 to which must be added the cost of reconditioning, double strapping and otherwise preparing the ships to meet Jersey's specifications. In this discussion a round figure of $2,000,000 per vessel is used as the total price. The original cost was in the neighborhood of $2,500,000 per ship and it is probable that reproduction new today would exceed $3,500,000.

Tankers of this type have an estimated life of twenty to thirty years. Upon completion of the contemplated major reconditioning, they will be depreciated for tax purposes approximately 6% per annum.

Charter Terms: With permission of the Maritime Commission, American Overseas, while retaining title, will charter the vessels for some fifteen years on a bareboat basis to Greenwich for about 90¢ per deadweight ton per month, the going rate. Greenwich will in turn bareboat charter the ships for five or seven years (see Tax Situation below) to Jersey for $2.50 per deadweight ton per month, an unusually attractive rate to Greenwich. The charter will provide that Jersey will assume all the costs of operating the vessels and will insure, or self-insure, them against collision, fire, etc. Loss of use of the ships for reasons beyond Jersey's control will not relieve Jersey from the obligation of paying the charter hire as due.

Under the terms of sale by the Maritime Commission the ships must be sold to American citizens and may be requisitioned by the Government in the event of war or national emergency. A recapture by the Government (except requisition of title) will not relieve Jersey of its obligation to continue paying charter hire, but American Overseas and Greenwich will be obligated to turn over to Jersey any compensation paid by the Government for the use of the ships.

Advances by the University and Banks. The advances by the University and banks will represent 100% of the funds required to purchase the ships, including the cost of reconditioning, legal fees and other expenses. The notes will be signed by American Overseas and will represent a first mortgage on the vessels. The income from the charter hire paid by Jersey will be sufficient to pay off both the banks
and the University within five or seven years. (See Tax Situation below). The University will rank pari passu with the banks in the event of default, but the banks will be paid in full before the University receives any payment on account of principal. Interest paid to the banks will be 2 3/4% and to the University 4%.

Tax Situation: The bulk of the earnings and increase in value of the equity will accrue to Greenwich. Under existing laws, such income accruing to a foreign corporation is believed to be exempt from federal income tax, but it appears that a written ruling to this effect cannot be obtained from the Internal Revenue Department prior to consummation of the transaction. In the event the income of Greenwich is ruled to be not taxable, the charter term will remain five years and the University may expect to be repaid its advance during the fifth year. In the event the income of Greenwich is ruled to be taxable or a tax is assessed, Jersey will agree to extend the term of charter from five years to seven, which extension will result in sufficient additional charter hire to pay corporate income taxes at present rates in addition to principal and interest on the first mortgage notes within seven years. In this latter event, the University’s advance would be repaid during the sixth and seventh years.

Ownership of the Two Corporations: Greenwich will not be a subsidiary of American Overseas, but both companies will be owned by the same stockholders in the same ratios as follows:

- The University of Chicago 20%
- Marine Transport Lines, Inc. group 20%
- Joseph V. Casey 20%
- E. Stanley Klein or nominees 15%
- Edward R. Stettinius, Jr. or nominees 10%
- Julius C. Holmes 10%
- William F. Halsey 5%

Marine Transport Lines are well known operators of ocean-going tankers, both for their own account and for the account of oil companies. Joseph V. Casey was a representative in Congress from Massachusetts for many years, and in the last election was the unsuccessful candidate against Henry Cabot Lodge, Jr., in the Senatorial race in that State. E. Stanley Klein is a Vice-President of John P. Maguire, Inc., textile factoring firm. General Holmes and Admiral Halsey are associates of Mr. Stettinius in other enterprises.

All stockholders will agree not to dispose of their shares without first offering them to the respective companies and possibly to the other stockholders.
Profit Possibilities: This is the first time a bareboat charter has been made on a basis which should pay out the owner of the vessel in as short a time as five or seven years. The major reasons this is possible are because of the acute shortage of ocean-going tankers, many of which are wanted for the Near East trade, and the growing capital requirements of oil companies which have caused them to go to almost any length to hold down their capital expenditures.

It is difficult to estimate what the tankers may be worth five or seven years from now, as obviously this will be affected by the then demand for tankers, cost of construction, etc. At the conclusion of the charter period, the vessels will be owned free and clear of debt and should have a further minimum life of twelve to fifteen years. It is currently estimated that each of the tankers might have a value of around $1,000,000 at the end of the charter term, a total of $5,000,000 in which the University would own a one-fifth interest.

Counsel: Inasmuch as the charter and insurance matters, which are being handled by Marine Transport Lines, experts in the field, are subject to review by the banks, it is not considered necessary to employ outside admiralty lawyers. General legal questions arising from the University's participation in the proposed transaction will be handled by Messrs. Wilson & Bellwaine.

Recommendation: It is recommended by the Committee on Finance and Investment that the Board of Trustees:

1. Approve the investment by the Consolidated Investment Merger of not in excess of $2,520,000 in the proposed tanker deal as outlined above with such reasonable modification of terms as may be approved by the Committee on Finance and Investment.

2. Authorize the Treasurer to effect the transaction.

It was moved and seconded to

1. Approve the investment by the Consolidated Investment Merger of not in excess of $2,520,000 in the proposed tanker deal as outlined above with such reasonable modification of terms as may be approved by the Committee on Finance and Investment.

2. Authorize the Treasurer to effect the transaction.

and, a vote having been taken, the motion was declared adopted.
The Treasurer submitted the following report:

I desire to report that the will of Reinhard Rembe, who died recently in Chicago, provides that his residuary estate shall go to The University of Chicago to be held as part of its endowment funds, and the income therefrom used for teaching and research in the Departments of Medicine and Surgery. It is estimated that Mr. Rembe's estate will amount to approximately $700,000. Specific bequests to others amount to only $21,000.

The Harris Trust and Savings Bank is named as executor in the will. There is no record of Mr. Rembe having attended the University.

The report was received and ordered placed on file.

The Treasurer submitted the following report:

I desire to report that Frank R. Lillie, formerly on the faculty of the University, died in Chicago on November 5, 1947, leaving a Last Will and Testament which contains a bequest to the University, without restriction, of 200 shares of the common stock of Crane Company (currently worth approximately $7,100) and the scientific books, journals, pamphlets, scientific collections and apparatus of the testator now located at Whitman Laboratory at the University.

The report was received and ordered placed on file.

The Treasurer presented the following report and recommendation:

At its May, 1947, meeting, the Board referred the question of financing the Faculty Housing Project to the Committee on Finance and Investment with power to act. The Committee at a meeting held on July 6, 1947, directed the Treasurer to proceed with the acceptance of a loan offer made by the Bank Pension Fund of The First National Bank of Chicago.

In brief the terms of this loan are as follows:

1. Amount of loan - $600,000 with the right given to increase the amount up to $625,000 if the cost of the building exceeds $750,000.


3. Rate - Interest at 4% per annum payable semi-annually.

4. Prepayment privilege - The borrower is given the right to prepay part or all of the loan beginning with the second
year at 103% of the principal amount and at a premium declining thereafter until the end of the 17th year after which the loan is payable at par. If within the first 5 years the University constructs additional units of the Faculty Housing Project the entire loan is redeemable without premium if the Pension Fund finances the entire project; otherwise at 50% of the regular premium.

5. Form of note and trust deed - The form of note and trust deed is the regular form of The First National Bank of Chicago which provides for a waiver of the right of redemption by the mortgagor corporation. The personal liability of the maker to pay the indebtedness, or any interest that may accrue thereon, is expressly waived. The holder of the note looking solely to the premises conveyed by the Trust Deed for payment of the indebtedness and interest.

6. Special agreement - In the event the Pension Fund or the Trustee under the trust deed or a receiver shall enter into the possession and management of the Project, whether by reason of default in the payment of interest or principal, or for any other reason, the University has undertaken to supply steam at cost or to construct at the University's cost a satisfactory heating plant building, heating plant and stack.

7. The University is not required to draw down funds until January 1, 1948, and interest will be charged only on funds as drawn down.

Under date of November 15, 1947, the mortgage, principal promissory note, trust deed and steam heating agreement were executed by Edward L. Ryerson as Vice Chairman of the Board of Trustees and attested by Lyndon H. Lesch as Assistant Secretary, and delivered to the Bank Pension Fund of The First National Bank of Chicago. In order that there may be secured for the Bank Pension Fund a mortgage title guarantee policy of the Chicago Title and Trust Company it is necessary that there be adopted by the Board a formal Resolution ratifying, approving and confirming the execution and delivery of the above described documents.

Therefore it is recommended that the Board adopt the action of the officers in so doing.

It was moved and seconded to approve the action of the officers in connection with the above report, and, a vote having been taken, the motion was declared adopted.

It was moved and seconded to adopt the following resolution:

RESOLVED, that there be ratified, approved and confirmed the execution and delivery on behalf of this corporation in its corporate name and under its corporate seal by
Edward L. Ryerson, Vice-Chairman of the Board of Trustees, and by Lymond H. Leach, an Assistant Secretary of the Board of Trustees, to the Bank Pension Fund of The First National Bank of Chicago the following:

1. Principal Promissory Note of this corporation dated November 15, 1947, in the principal sum of Six Hundred Twenty-Five Thousand Dollars ($625,000.00), payable in the sum of Seven Thousand Five Hundred Dollars ($7,500.00) on the fifteenth day of May, 1948; the sum of Seven Thousand Five Hundred Dollars ($7,500.00) on the fifteenth day of November, 1948; and the sum of Seven Thousand Five Hundred Dollars ($7,500.00) on the fifteenth day of May and November in each year thereafter to and including the fifteenth day of May, 1972, and the entire principal balance, together with interest thereon on the fifteenth day of November, 1972, and in addition thereto interest on the balance of the principal sum remaining from time to time unpaid at the rate of 4% per annum, payable semi-annually on the due dates of the said principal installments.

2. Trust Deed dated November 15, 1947, between this corporation and The First National Bank of Chicago, a national banking association, organized and existing under and by virtue of the laws of the United States of America, and doing business and having its principal office in the City of Chicago, County of Cook, and State of Illinois, as Trustee, conveying the following described real estate situated in the City of Chicago, County of Cook, and State of Illinois, to-wit:

Lot one (1) (except the North seventy-five (75) feet thereof); Lot two (2) (except the North seventy-five (75) feet and except the East twenty-five (25) feet of the North one hundred (100) feet of said Lot two (2)); Lot three (3) (except the North one hundred (100) feet and except the East thirty (30) feet, one and one-eighth (1-1/8) inches of the South thirty-two (32) feet of the North one hundred thirty-two (132) feet of said Lot three (3); Lot four (4) (except the North one hundred thirty-two (132) feet and except the East twenty-nine (29) feet, five and one-quarter (5-1/4) inches of that part of said lot lying South of the North one hundred thirty-two (132) feet of said Lot four (4)); Lot twenty-one (21) (except the South six (6) feet, nine and one-half (9-1/2) inches of said Lot twenty-one (21) and all of Lots twenty-two (22) and twenty-three (23); and that part of the vacated alley lying between the North line of said Lot twenty-three (23) and the South line of said Lots one (1), two (2), three (3) and four (4) and West of the East line of said Lot twenty-three (23).
extended North to the South line of said Lot four (4); all in Block four (4) in Clarke, Martin and Loyton's Subdivision of the South half of the North half of the South West quarter of Section fourteen (14), Township thirty-eight (38) North, Range fourteen (14), East of the Third Principal Meridian;

to secure the payment of the above described Principal Promissory Note of this corporation by the terms of which Trust Deed this corporation has waived any and all rights of redemption from sale under any order or decree of foreclosure of this Trust Deed on its own behalf and on behalf of each and every person except decree or judgment creditors of the Mortgagor acquiring any interest in or to the premises subsequent to the date of said Trust Deed.

3. Agreement dated November 15, 1947, between this corporation and the Bank Pension Fund of The First National Bank of Chicago whereby this corporation has undertaken in the event the Pension Fund, or the Trustees under the Trust Deed, or a receiver, or any other person for or on behalf of the Pension Fund, its successors or assigns, shall enter into the possession and management of the Faculty Housing Project, whether by reason of default in the payment of interest or principal, or any installment thereof, or default of any of the covenants and conditions contained in the Trust Deed or the note evidencing the loan, or for any other reason, to supply steam or to construct at its cost a heating plant building, heating plant, and stack.

and, a vote having been taken, the motion was declared adopted.

Adjourned.

[Signature]

Secretary