The June meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Wednesday, June 21, 1961, beginning at 9:30 a.m.

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

Also present were President David D. Henry, Vice-President and Provost Lyle H. Lanier, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Dr. J. S. Begando, Vice-President in charge of the Chicago Professional Colleges, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. Ralph F. Lesemann, Legal Counsel; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.
AMENDMENT OF MINUTES OF MAY 17, 1961

The Secretary requested authority to amend the minutes of the meeting of the Board of Trustees on May 17, 1961, with respect to the actions of the Board approving recommendations from the Urbana-Champaign Senate for: Discontinuance of Credit Allowed for Rhetoric 200 and 201, Revision of Majors and Minors in Political Science, and Revision of Major and Minor Requirements in Russian, to state that these changes become effective in September, 1961.

On motion of Mr. Johnston, this amendment was authorized.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>State from Which They Obtained Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seymour M. Chappe</td>
<td>Morton Grove</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>William Claude Couch, Jr.</td>
<td>Arlington Heights</td>
<td>Oklahoma</td>
</tr>
<tr>
<td>Egerton Wright Duncan</td>
<td>Northbrook</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>James Dale Egbert</td>
<td>Chicago</td>
<td>Kansas</td>
</tr>
<tr>
<td>Henry Genders</td>
<td>Highland Park</td>
<td>Texas</td>
</tr>
<tr>
<td>John L. Hegarty</td>
<td>Chicago</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>Egerton Wright Duncan</td>
<td>Northbrook</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>Seymour M. Chappe</td>
<td>Morton Grove</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>William Claypool</td>
<td>Arlington Heights</td>
<td>District of Columbia</td>
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<tr>
<td>James Dale Egbert</td>
<td>Chicago</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>Henry Genders</td>
<td>Highland Park</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>John L. Hegarty</td>
<td>Wilmette</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>Marvin A. Hershman</td>
<td>Chicago</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>Philip James Sandmaier, Jr.</td>
<td>Fort Wayne, New Jersey</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>Allen Clifford Ward</td>
<td>Chatham, New Jersey</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>Richard Joseph Wheeland</td>
<td>West Chicago</td>
<td>District of Columbia</td>
</tr>
</tbody>
</table>

I concur.

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

APPOINTMENTS TO THE FACULTY

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

1. Thomas Julius Anton, Assistant Professor in the Institute of Government and Public Affairs, beginning September 1, 1961, at an annual salary of $7,200 (B).
2. Vincent E. Bowen, Assistant Professor of Greek, beginning September 1, 1961, at an annual salary of $8,000 (B).
3. Ronald R. Boyce, Assistant Professor in the Bureau of Community Planning, beginning August 1, 1961, at an annual salary of $9,300 (BY).
4. Thomas E. Culliton, Jr., Assistant Professor of Education, beginning September 1, 1961, at an annual salary of $7,800 (D).
5. Glenn W. Fisher, Associate Professor in the Institute of Government and Public Affairs, beginning September 1, 1961, at an annual salary of $11,000 (AY).
6. Kenneth Locke Hale, Assistant Professor of Anthropology and of Linguistics, in the Graduate College, beginning September 1, 1961, at an annual salary of $6,800 (B).
7. JAMES BOWKER HOLDERMAN, Assistant Professor in the Institute of Government and Public Affairs, beginning September 1, 1961, at an annual salary of $6,600 (B).
8. NOBORU ITO, Visiting Professor of Mathematics, beginning September 1, 1961, at an annual salary of $10,000 (D).
9. ROBERT E. KASKE, Professor of English, beginning September 1, 1961, at an annual salary of $13,000 (A).
10. ROBERT GILLER KAUFFMAN, Assistant Professor of Animal Science, beginning July 1, 1961, at an annual salary of $8,000 (BY).
11. W. HOWARD KUBACKI, Lecturer in Postgraduate Education (DY), Director of Dental Clinics (BY), Professor of Prosthodontics and Head of the Department (AY), and Assistant Dean of the College of Dentistry (DY), beginning June 1, 1961, at an annual salary of $18,500.
12. ROBERT E. KUBACKI, Lecturer in Postgraduate Education (DY), Professor of Prosthodontics and Head of the Department (AY), and Assistant Dean of the College of Dentistry (DY), beginning June 1, 1961, at an annual salary of $18,500.
13. MILES H. MAUNEY, Assistant Professor of Music, beginning September 1, 1961, at an annual salary of $7,000 (B).
14. KATHLEEN B. MUIR, Clinical Assistant Professor of Dermatology, in the College of Medicine, beginning May 1, 1961, without salary (DY).
15. H. BRADLEY SAGEN, Assistant Director, with rank of Instructor, Bureau of Institutional Research, Provost's Office, beginning September 1, 1961, at an annual salary of $8,500 (DY).
16. ROBERT DANIEL SARD, Professor of Physics, for month of August, 1961, at a salary of $1,556 (G); beginning September 1, 1961, at an annual salary of $14,000 (A).
17. MALCOLM C. SHURTLEFF, Associate Professor of Plant Pathology, Agricultural Extension Service and Experiment Station, beginning July 1, 1961, at an annual salary of $10,500 (BY).
18. EVERETT G. SMITH, JR., Assistant Professor of Geography, in the College of Liberal Arts and Sciences and in the Office of Community Development, Provost's Office, beginning September 1, 1961, at an annual salary of $8,000 (BY).
19. JOE C. SUTTON, Editor of the Illinois Alumni News, with rank of Associate Professor, in the Office of Public Information, beginning June 1, 1961, at an annual salary of $10,500 (DY, AY).
20. J. R. HARRY SWING, Associate Professor of Architecture, beginning September 1, 1961, at an annual salary of $12,000 (A).
21. RAY L. WATTERSON, Professor of Zoology, for two months from July 1, 1961, at a salary of $2,556 (G); beginning September 1, 1961, at an annual salary of $16,000 (A).
22. GERALD P. WIBBERLEY, Visiting Professor of Land Economics, in the Department of Agricultural Economics, for the first semester 1961-62, at a salary of $6,500 (E).

Appointments to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to supervisory positions of upper-level responsibility.
1. OREN D. DENHART, Assistant Recorder, Admissions and Records, beginning April 1, 1961, at an annual salary of $5,430.
2. GEORGE L. RENFRO, Architectural Electrical Engineer, Physical Plant Department, beginning April 1, 1961, at an annual salary of $9,000.
3. ARNO H. SCHRIEFER, Jr., Junior Civil Engineer, Department of Electrical Engineering, beginning March 27, 1961, at an annual salary of $6,120.

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

Office of Executive Vice-President and Provost

In order more clearly to reflect the expanded duties and responsibilities of the office, I recommend that the title "Vice-President and Provost" be changed to "Executive Vice-President and Provost," effective September 1, 1961.

The duties and authority of the Provost are defined in the Statutes and no change is contemplated. The Executive Vice-President acts for the President as requested by the President. In general, the Executive Vice-President will have general administrative supervision in all internal affairs and will be deputy to the
President in other assignments. The vice-presidents, deans, and directors report to the President and have the same formal relationships as before, but they are expected to work closely with the Executive Vice-President in administration and in the presentation of reports and recommendations.

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

**APPOINTMENT OF ASSISTANT TO THE PRESIDENT**

(4) I recommend the appointment of Earl W. Porter, former Assistant to the President of Duke University, as Assistant to the President—Reports and Special Projects, beginning July 1, 1961, at an annual salary of $11,000 on a twelve-month service basis.

Mr. Porter will serve as secretary to the University delegation to the Joint Council on Higher Education; coordinate institutional reporting to the Joint Council and to other state and national agencies; prepare on assignment special reports for the President and other University officers which are necessary as background analysis preliminary to University legislative and administrative decision; and assist the President's Office in other special studies, reports, and presentations as required.

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

**OFFICE OF INSTRUCTIONAL RESEARCH**

(5) More than a year ago, former Vice-President and Provost Gordon Ray appointed a special committee to review the status of instructional research at the University, and to consider steps that might be taken to improve the effectiveness of the instructional program through systematic "self-study." The committee reported that although important studies of this type were under way in several colleges, there was need for a central agency to improve the coordination among these efforts, to provide technical assistance to departments and faculty members interested in instructional research, and to conduct continuing research on neglected problems of University-wide significance.

Accordingly, the committee recommended that an Office of Instructional Research be established within the Office of the Provost. This agency would have broad responsibility for encouraging and for conducting research on the factors influencing choice of curriculum, academic achievement, drop-out rate, and choice of vocation. Broadly speaking, these factors would include the characteristics of the student population (geographic, socio-economic, educational, psychological), the characteristics of the instructional program, and the characteristics of the extracurricular environment—as these factors might bear upon the outcome of the student's college experience. With specific reference to instruction, the studies would include such factors as teaching methods, teaching devices (teaching machines, television, etc.), class size, and independent study.

The Vice-President and Provost now recommends the establishment of an Office of Instructional Research, which would be an all-University agency under his general administrative supervision. A budget item for instructional research was included in the 1960-61 budget, and this will provide most of the funds immediately needed. The budget for the Office will be submitted when the operating budget for 1961-62 is presented to the Board of Trustees in July.

A recommendation for the appointment of a Director of the Office of Instructional Research will be submitted separately.

I concur.

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

**REVISION IN TUITION AND FEES**

(6) The following changes in tuition and fees are recommended, to be effective September 1, 1961:

An increase in tuition of $10.00 per semester, with prorata adjustments for shorter instructional terms, is necessary for full programs of studies on all three campuses to provide sufficient income for the state appropriation being requested from the University Income Fund.

Students at the Chicago Undergraduate Division have requested an increase in the Activities Service Fee of $8.00 to $10.00 a semester. The Pier Breeze and other student activities have had insufficient funds to meet their operating costs.
This increase has the approval of the administrative staff of the Chicago Undergraduate Division.

An Illini Union Fee of $5.00 a semester is also proposed for the Chicago Undergraduate Division. A separate recommendation is being submitted concerning space and remodeling costs for this facility.

In order to meet the increased premium for the Hospital-Medical-Surgical Insurance Fee at Urbana (on which a separate recommendation is being submitted), an increase in this fee from $8.00 to $10.00 per semester is recommended, to be offset by a decrease in the Laboratory, Library, and Supply Fee at Urbana from $12.00 to $10.00 a semester.

Upon recommendation of the Director of the Institute of Aviation and the Committee on Fees the Flight-Training Fee will be increased from $325 to $350 per course. The flight-training program offered by the Institute was set up to be self-supporting so that the fees charged should be sufficient to cover the cost of instructional operations. Last year the Director of the Institute and the Committee on Fees recommended that the flight course fee be increased from $300 to $325 effective in September, 1960, and from $325 to $350 effective September, 1961. These increases are necessary to keep the program self-supporting.

In order to simplify the fee structure, the Committee on Fees recommends that in lieu of charges based on the number of credit hours or units for registration of less than a full schedule of courses, two separate fixed schedules of fees be established. One schedule will be for students in the range from one-half to four semester hours or an equivalent amount of graduate units, and the second for students carrying four and one-half to eight semester hours or an equivalent amount of graduate units.

A simplification of the Building and Laboratory Service Fee at the Chicago Professional Colleges is recommended as shown in the schedules which follow. There will be no significant change in the amount of income under the revised schedule.

Medical students in the fourth year, who are registered for the "alternative" quarter and who do their work at places entirely removed from the University campus, will be assessed the same tuition, resident or nonresident, as for campus registration. They shall be exempt from the Building and Laboratory Service Fee and the Union Building Service Charge. Such students shall not be eligible for University Hospital-Medical-Surgical Insurance coverage.

Fees for the Summer Session and for terms of less than a full semester will be on a prorated basis, with all fractional amounts rounded to the next highest dollar.

Schedules showing all revised fees as recommended appear below.

I concur.

On motion of Mr. Johnston, the foregoing recommendations were approved, and the following revised schedules of fees were authorized.

Urbana-Champaign Campus
GRADUATE AND UNDERGRADUATE

<table>
<thead>
<tr>
<th>Semester</th>
<th>Full Program</th>
<th>Partial Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Range I</td>
<td>Range II</td>
</tr>
<tr>
<td></td>
<td>Above 8 Semester Hours or 2 Units</td>
<td>4 1/2 to 8 Semester Hours or 1 1/2 to 2 Units</td>
</tr>
<tr>
<td></td>
<td>Range III</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1/2 to 4 Semester Hours or 3/4 to 1 Unit</td>
<td></td>
</tr>
<tr>
<td>Tuition</td>
<td>$85.00</td>
<td>$50.00</td>
</tr>
<tr>
<td>Laboratory, Library, and Supply Fee</td>
<td>$260.00</td>
<td>$150.00</td>
</tr>
<tr>
<td>Hospital-Medical-Surgical Insurance Fee</td>
<td>$10.00</td>
<td>$10.00</td>
</tr>
<tr>
<td>Illini Union Fee</td>
<td>$10.00</td>
<td>$5.00</td>
</tr>
<tr>
<td>Total</td>
<td>$115.00</td>
<td>$80.00</td>
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</tbody>
</table>

1961] UNIVERSITY OF ILLINOIS 541
### TWELVE-WEEK SUMMER TERM

<table>
<thead>
<tr>
<th></th>
<th>Above 6 Semester Hours or 1½ Units</th>
<th>1½ to 6 Semester Hours or 1 to 1½ Units</th>
<th>½ to 3 Semester Hours or ½ to ½ Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$65 00</td>
<td>$40 00</td>
<td>$25 00</td>
</tr>
<tr>
<td>Laboratory, Library, and Supply Fee</td>
<td>8 00</td>
<td>8 00</td>
<td>4 00</td>
</tr>
<tr>
<td>Hospital-Medical-Surgical Insurance Fee</td>
<td>8 00</td>
<td>8 00</td>
<td>8 00</td>
</tr>
<tr>
<td>Illini Union Fee</td>
<td>7 00</td>
<td>7 00</td>
<td>4 00</td>
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<tr>
<td><strong>Total</strong></td>
<td>$88 00</td>
<td>$63 00</td>
<td>$41 00</td>
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</table>

### EIGHT-WEEK SUMMER SESSION

<table>
<thead>
<tr>
<th></th>
<th>Above 4 Semester Hours or ½ Unit</th>
<th>½ to 4 Semester Hours or ½ to ½ Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$45 00</td>
<td>$20 00</td>
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<tr>
<td>Laboratory, Library, and Supply Fee</td>
<td>5 00</td>
<td>3 00</td>
</tr>
<tr>
<td>Hospital-Medical-Surgical Insurance Fee</td>
<td>5 00</td>
<td>5 00</td>
</tr>
<tr>
<td>Illini Union Fee</td>
<td>5 00</td>
<td>3 00</td>
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<tr>
<td><strong>Total</strong></td>
<td>$60 00</td>
<td>$31 00</td>
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</table>

### SIX-WEEK WINTER SHORT COURSE IN AGRICULTURE AND HOME ECONOMICS

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<th>Above Two Courses</th>
<th>Two Courses</th>
<th>One Course</th>
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</thead>
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<td>Tuition</td>
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<td>$25 00</td>
<td>$15 00</td>
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<td>4 00</td>
<td>4 00</td>
<td>2 00</td>
</tr>
<tr>
<td>Hospital-Medical-Surgical Insurance Fee</td>
<td>5 00</td>
<td>5 00</td>
<td>5 00</td>
</tr>
<tr>
<td>Illini Union Fee</td>
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<td>4 00</td>
<td>2 00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$48 00</td>
<td>$38 00</td>
<td>$24 00</td>
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### SEMESTER

<table>
<thead>
<tr>
<th></th>
<th>Full Program Range I</th>
<th>Partial Programs Range II</th>
<th>Range III</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
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<td>$30 00</td>
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<tr>
<td>Laboratory, Library, and Supply Fee</td>
<td>12 00</td>
<td>12 00</td>
<td>6 00</td>
</tr>
<tr>
<td>Hospital-Medical-Surgical Insurance Fee</td>
<td>8 00</td>
<td>8 00</td>
<td>8 00</td>
</tr>
<tr>
<td></td>
<td>Full Program</td>
<td>Partial Programs</td>
<td></td>
</tr>
<tr>
<td>----------------------</td>
<td>--------------</td>
<td>------------------</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Range I</td>
<td>Range II</td>
<td>Range III</td>
</tr>
<tr>
<td></td>
<td>Above 8 Semester Hours</td>
<td>4 1/2 to 8 Semester Hours</td>
<td>1/2 to 4 Semester Hours</td>
</tr>
<tr>
<td></td>
<td>Resident</td>
<td>Nonresident</td>
<td>Resident</td>
</tr>
<tr>
<td>Activities Service Fee</td>
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<tr>
<td>Illini Union Fee</td>
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**Twelve-Week Summer Term**

<table>
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<th>3 1/2 to 6 Semester Hours</th>
<th>1/2 to 3 Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Resident</td>
<td>Nonresident</td>
<td>Resident</td>
</tr>
<tr>
<td>Tuition</td>
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<td>$195.00</td>
<td>$40.00</td>
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<tr>
<td>Laboratory, Library, and Supply Fee</td>
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<td>9.00</td>
<td>9.00</td>
</tr>
<tr>
<td>Hospital-Medical-Surgical Insurance Fee</td>
<td>6.00</td>
<td>6.00</td>
<td>6.00</td>
</tr>
<tr>
<td>Activities Service Fee</td>
<td>8.00</td>
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<td>8.00</td>
</tr>
<tr>
<td>Illini Union Fee</td>
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<tr>
<td>Total</td>
<td>$92.00</td>
<td>$222.00</td>
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</table>

**Eight-Week Summer Session**

<table>
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<tr>
<th></th>
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<th>2 1/2 to 4 Semester Hours</th>
<th>1/2 to 2 Semester Hours</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Resident</td>
<td>Nonresident</td>
<td>Resident</td>
</tr>
<tr>
<td>Tuition</td>
<td>$45.00</td>
<td>$130.00</td>
<td>$30.00</td>
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<td>Laboratory, Library, and Supply Fee</td>
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<td>6.00</td>
</tr>
<tr>
<td>Hospital-Medical-Surgical Insurance Fee</td>
<td>4.00</td>
<td>4.00</td>
<td>4.00</td>
</tr>
<tr>
<td>Activities Service Fee</td>
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<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Illini Union Fee</td>
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<td>3.00</td>
</tr>
<tr>
<td>Total</td>
<td>$63.00</td>
<td>$148.00</td>
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</table>

**Chicago Professional Colleges**

**Dentistry, Medicine, Pharmacy, Nursing, Occupational Therapy, Medical Illustration**

**Quarter Program**

<table>
<thead>
<tr>
<th></th>
<th>Full Program</th>
<th>Partial Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Range I</td>
<td>Range II</td>
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<tr>
<td></td>
<td>Above 199 Clock Hours</td>
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<td></td>
<td>Resident</td>
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</tr>
<tr>
<td>Tuition</td>
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<td>$174.00</td>
</tr>
<tr>
<td>Building and Laboratory Service Fee</td>
<td>82.00</td>
<td>115.00</td>
</tr>
<tr>
<td></td>
<td>Full Programs</td>
<td>Partial Programs</td>
</tr>
<tr>
<td>---------------------</td>
<td>---------------</td>
<td>------------------</td>
</tr>
<tr>
<td></td>
<td>Range I</td>
<td>Range II</td>
</tr>
<tr>
<td></td>
<td>Hours</td>
<td>Hours</td>
</tr>
<tr>
<td>Hospital-Medical-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surgical Insurance</td>
<td>$6.00</td>
<td>$6.00</td>
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<tr>
<td>Fee</td>
<td>Resident</td>
<td>Nonresident</td>
</tr>
<tr>
<td>Union Building</td>
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<td>$5.00</td>
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<tr>
<td>Service Charge</td>
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<td>$300.00</td>
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<tr>
<td>Total</td>
<td>$150.00</td>
<td>$300.00</td>
</tr>
</tbody>
</table>

| DENTISTRY           | $37.00        | $174.00          | $20.00   |
| Tuition             | $36.00        | $60.00           | $6.00    |
| Building and Labor- | 72.00         | 105.00           | 26.00    |
| otary Service Fee   | Resident      | Nonresident      | Resident  |
| Hospital-Medical-   | 6.00          | 6.00             | 6.00     |
| Surgical Insurance  | Resident      | Nonresident      | Resident  |
| Fee                 | $50.00        | $50.00           | $50.00   |
| Union Building      | $5.00         | $5.00            | $3.00    |
| Service Charge      | $140.00       | $290.00          | $55.00   |
| Total               | $150.00       | $300.00          | $55.00   |

| PHARMACY             | $37.00        | $174.00          | $20.00   |
| Tuition             | $36.00        | $60.00           | $6.00    |
| Building and Labor- | 32.00         | 32.00            | 11.00    |
| otary Service Fee   | Resident      | Nonresident      | Resident  |
| Hospital-Medical-   | 6.00          | 6.00             | 6.00     |
| Surgical Insurance  | Resident      | Nonresident      | Resident  |
| Fee                 | $50.00        | $50.00           | $50.00   |
| Union Building      | $5.00         | $5.00            | $3.00    |
| Service Charge      | $100.00       | $217.00          | $40.00   |
| Total               | $150.00       | $300.00          | $55.00   |

| OTHERS (NURSING,    | $37.00        | $174.00          | $20.00   |
| OCCUPATIONAL THERA- | $36.00        | $60.00           | $6.00    |
| PY, MEDICAL ILLUS-  | 22.00         | 22.00            | 6.00     |
| TRATION)            | Resident      | Nonresident      | Resident  |
| Tuition             | $36.00        | $60.00           | $6.00    |
| Building and Labor- | 6.00          | 6.00             | 6.00     |
| otary Service Fee   | Resident      | Nonresident      | Resident  |
| Hospital-Medical-   | 5.00          | 5.00             | 3.00     |
| Surgical Insurance  | Resident      | Nonresident      | Resident  |
| Fee                 | $50.00        | $50.00           | $50.00   |
| Union Building      | $5.00         | $5.00            | $3.00    |
| Service Charge      | $90.00        | $207.00          | $35.00   |
| Total               | $150.00       | $300.00          | $55.00   |

| SUMMER PROGRAMS     |               |
| Summer fees in Den- |               |
| tistry, Medicine,  |               |
| Pharmacy, Occupa-  |               |
| tional Therapy,    |               |
| and Nursing are    |               |
| the same as for    |               |
| the regular quarter except one-half fees are charged for    |
| students taking a six-week program or one-third fees for students taking a four-week     |
| program when such is scheduled, rounded to the next higher dollar amount. |
GRADUATE

QUARTER PROGRAM

<table>
<thead>
<tr>
<th></th>
<th>Full Program</th>
<th>Partial Programs</th>
<th>Partial Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Above 1½ units</td>
<td>1 to 1½ units</td>
<td>½ to 3 units</td>
</tr>
<tr>
<td></td>
<td>Resident</td>
<td>Nonresident</td>
<td>Resident</td>
</tr>
<tr>
<td>Tuition</td>
<td>$57 00</td>
<td>$174 00</td>
<td>$34 00</td>
</tr>
<tr>
<td>Laboratory, Library, and Supply Fee</td>
<td>8 00</td>
<td>8 00</td>
<td>8 00</td>
</tr>
<tr>
<td>Hospital-Medical-Surgical Insurance Fee</td>
<td>6 00</td>
<td>6 00</td>
<td>6 00</td>
</tr>
<tr>
<td>Union Building Service Charge</td>
<td>5 00</td>
<td>5 00</td>
<td>5 00</td>
</tr>
<tr>
<td>Total</td>
<td>$76 00</td>
<td>$193 00</td>
<td>$53 00</td>
</tr>
</tbody>
</table>

POSTGRADUATE FEES IN DENTISTRY

Part-time Postgraduate Students in Short Courses
$25.00 per day up to and including three days of postgraduate instruction.
$100.00 per period over three days and up to and including a full week.
$150.00 per period over one week up to and including two full weeks.
$50.00 per each additional week or fraction thereof over two full weeks.
$300.00 per day or fraction thereof for professional group requests.
$150.00 per additional day or fraction thereof in this category. (Such groups include alumni fraternities and sectional dental societies who assume all responsibilities and obligations regarding promotion and securing enrollment.)

Courses offered on an hourly basis will be charged at the rate of $25.00 per six hours (on a pro rata basis).

Full-time Postgraduate Students
Full-time postgraduate students enrolled for the regularly scheduled survey program will be charged at the rate of $50.00 per month. (See fee schedule under Survey Program.)

POSTGRADUATE FEES IN MEDICINE

Full-time postgraduate students — $50.00 a month or $150.00 per quarter.
Part-time postgraduate students in short courses — $25.00 per day for nonlaboratory courses; $35.00 per day for laboratory courses.
Fees for courses offered for one-half day or evening sessions are to be charged on a prorata basis with two such sessions charged for at the rate of one full day.
A charge for laboratory materials is to be added wherever indicated.

SOCIAL WORK (GRADUATE) IN CHICAGO

<table>
<thead>
<tr>
<th></th>
<th>Full Program</th>
<th>Partial Programs</th>
<th>Partial Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Above 2 units</td>
<td>1½ to 2 units</td>
<td>½ to 1 unit</td>
</tr>
<tr>
<td></td>
<td>Resident</td>
<td>Nonresident</td>
<td>Resident</td>
</tr>
<tr>
<td>Tuition</td>
<td>$85 00</td>
<td>$260 00</td>
<td>$50 00</td>
</tr>
<tr>
<td>Laboratory, Library, and Supply Fee</td>
<td>12 00</td>
<td>12 00</td>
<td>12 00</td>
</tr>
<tr>
<td>Hospital-Medical-Surgical Insurance Fee</td>
<td>8 00</td>
<td>8 00</td>
<td>8 00</td>
</tr>
<tr>
<td>Illini Union Fee</td>
<td>8 00</td>
<td>8 00</td>
<td>8 00</td>
</tr>
<tr>
<td>Total</td>
<td>$113 00</td>
<td>$288 00</td>
<td>$78 00</td>
</tr>
</tbody>
</table>

1 Students presenting evidence of equivalent coverage and those registered for a schedule in Range III are exempted from the Hospital-Medical-Surgical Insurance Fee upon application to the University Insurance Office.
2 Persons on the academic, administrative, or permanent nonacademic staff of the University, or on the staffs of the allied surveys and laboratories located on the Urbana-Champaign campus, are exempted from the Illini Union Fee.
STUDENT UNION AND LIBRARY FACILITIES AT CHICAGO UNDERGRADUATE DIVISION

(7) City of Chicago officials are willing to lease to the University the City Shop area at Navy Pier. Approximately 12,000 square feet would thus be made available for an enlarged student lounge and for the initiation of a program of Student Union activities at the Chicago Undergraduate Division. First, such a program would serve to facilitate planning, construction, and finally occupancy of a Student Union Building on the new campus. Second, it would provide expanded and improved lounge facilities at Navy Pier during the next three years for the increased enrollment. Third, the relocation of the student lounge now adjacent to the Library would permit badly needed expansion of the reading-room area of the Library. All three of these purposes would be served at relatively modest costs, considering (a) the large number of students who would be benefited during the three-year period, and (b) the value of having on the staff a Student Union Director who would help plan the permanent facility for the new campus. (One half of the Director's salary would be paid from capital funds.)

In the light of these considerations, the Vice-President for the Chicago Undergraduate Division, the Director of the Physical Plant, and the Vice-President and Comptroller recommend that:

1. The Vice-President and Comptroller, or his representative, be authorized to enter into a lease with the city of Chicago for the City Shop area at a rate consistent with that presently being charged for space at the Pier (approximately $4,200 a year).

2. Interest from the escrow funds for restoring the Pier property be used for demolition of existing partitions and removal of wood block flooring and replacement with concrete floor, at a cost not to exceed $14,000.

3. Appropriations of $61,600 for remodeling of the City Shop area for the Student Union facility, and $19,500 for expansion of Library facilities, be made from the General Reserve, effective July 1.

4. A Union fee of $5.00 a semester be established at the Chicago Undergraduate Division.

I concur.

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

HOSPITAL-MEDICAL-SURGICAL INSURANCE FOR STUDENTS AND STAFF

(8) Bids have been taken on the hospital-medical-surgical insurance for students and staff for the two-year period beginning September 1, 1961, with the condition that the University reserves the right to renew such insurance annually thereafter upon mutual agreement between the insurance carrier and the University.

The Vice-President and Comptroller recommends that contracts providing the same benefits as present for the student plan on all three campuses and for the optional staff plans at Urbana-Champaign and at the Chicago Professional Colleges be awarded to Federal Life Insurance Company, Chicago, the lowest bidder, on the aggregate premium at the following rates:

<table>
<thead>
<tr>
<th>Student Programs</th>
<th>Urbana</th>
<th>Chicago Professional Colleges</th>
<th>Chicago Undergraduate Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student</td>
<td>$8.00  per semester</td>
<td>$5.05 per quarter</td>
<td>$6.60 per semester</td>
</tr>
<tr>
<td>Spouse</td>
<td>$11.85 per semester</td>
<td>$7.30 per quarter</td>
<td>$9.75 per semester</td>
</tr>
<tr>
<td>Children</td>
<td>$8.45 per semester</td>
<td>$5.20 per quarter</td>
<td>$6.95 per semester</td>
</tr>
</tbody>
</table>
To finance the Urbana-Champaign student plan, the Vice-President and Comptroller recommends that the Hospital-Medical-Surgical Insurance Fee be increased from $8.00 to $10.00 per semester, as indicated in a separate recommendation on revision of fees which is being submitted at today's meeting. The $2.00 increase in the fee will provide for the increase in the premium, the cost of administration of the program, and will supplement the daily room and board allowance at McKinley Hospital. The current insurance contract provides $14.00 per day room and board allowance in any hospitals except McKinley Hospital where the allowance is $11.00 per day. The Administrator of McKinley Hospital and the Director of Health Services recommend that the room and board charge at McKinley Hospital be increased to $14.00 a day. An alternate bid was taken to provide an insurance allowance of this amount, which would require a premium increase of approximately $18,000 per semester. The number of patient days in one semester is less than 2,900, and the additional coverage would result in a return in benefits of less than $9,000 per semester. Accordingly, the Vice-President and Comptroller recommends that the minimum charge for room and board at McKinley Hospital be increased to $14.00, but that $3.00 of the charge be paid from the Hospital-Medical-Surgical Fee collections, if the patient concerned has paid the fee.

The recommended charges to students and staff for this insurance protection would reflect the following premiums and fees:

<table>
<thead>
<tr>
<th>Student Programs</th>
<th>Urbana</th>
<th>Chicago Professional Colleges</th>
<th>Chicago Undergraduate Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student</td>
<td>$10.00 per semester</td>
<td>$6.00 per quarter</td>
<td>$8.00 per semester</td>
</tr>
<tr>
<td>Spouse</td>
<td>$12.00 per semester</td>
<td>$9.00 per quarter</td>
<td>$12.00 per semester</td>
</tr>
<tr>
<td>Children</td>
<td>$9.00 per semester</td>
<td>$6.00 per quarter</td>
<td>$8.00 per semester</td>
</tr>
</tbody>
</table>

On the basis of these rates, the plans should operate on a self-sustaining basis. The excess over the cost of the coverage will be used by the University to defray the administrative costs of the three programs and the cost of operating McKinley Hospital in excess of the amounts provided in the insurance policy.

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

I concur.

On motion of Mr. Johnston, these contracts were authorized as recommended.

STUDENT SERVICES BUILDING BONDS

(9) Bond Counsel has requested that a resolution be adopted to establish rates for the Student Services Building. The Vice-President and Comptroller recommends adoption of the following resolution.

I concur.

Resolution

WHEREAS, Section 7.07 of the Resolution of this Board of Trustees authorizing and providing for the issuance of $1,350,000 Student Services Building Bonds, duly adopted May 17, 1961, provides that the Board of Trustees will adopt
such rules and regulations and fix and maintain such student service charges (as defined in said Resolution), rates, rentals, fees, and use of said facilities and provide revenue sufficient to provide and maintain the Bond and Interest Sinking Fund Account and the required reserves therefor and to pay the reasonable cost of operating and maintaining facilities; and

WHEREAS, The Board of Trustees of the University of Illinois desires to comply with the above cited provisions and to adopt certain rules and to provide for certain charges applicable to the operation of the facilities;

Now, Therefore, Be It and It Is Hereby Resolved by The Board of Trustees of the University of Illinois that the officers and management of the University be and they are hereby authorized and directed in the operation of the Student Services Building to carry out the following rules:

RULE 1. The properties of the Student Services Building in the preambles hereof referred to as the "facilities" shall be continuously operated at all times when the University is in session.

RULE 2. Subject to further action of the Board of Trustees the initial student service charge for the use of the facilities shall be $3.00 per regular school semester, beginning with the fall semester of 1962, and shall be charged to each student enrolled for credit and in attendance on the Urbana Campus of the University for use of the facilities, subject to such adjustments of and exemption from said student service charge as may be made by the Board of Trustees for the summer terms and for part-time students, fellows, and persons on staff appointment. No student shall be admitted to enrollment in any department of the University at the Urbana Campus unless such student service charge shall be first or simultaneously paid or appropriate provision made for such payment.

RULE 3. Insofar as rentals, rates, fees, and other charges are consistent with the maximum use of the facilities, such rates and charges to be made in connection therewith shall be from time to time established and maintained as shall result in net income sufficient, together with the student service charges, as will provide revenue sufficient to provide and maintain the Bond and Interest Sinking Fund Account and the required reserves therefor and to pay the reasonable cost of operating and maintaining facilities.

On motion of Mr. Swain, this resolution was adopted.

DESIGNATION OF AMERICAN NATIONAL BANK AND TRUST COMPANY AS CONSTRUCTION FUND DEPOSITARY

On May 17, 1961, the Board sold the Student Services Building Bonds and the Housing Revenue Bonds of 1960, Series C, to John Nuveen and Company, Chicago. Under the terms of the sale, the purchasers of the bonds are given the privilege of designating a depositary of the construction funds for these bonds. John Nuveen and Company request that the American National Bank and Trust Company of Chicago be so designated. Since the University does not have a checking account in this bank, the Vice-President and Comptroller recommend adoption of the following resolution:

Resolution

Be It Resolved, that the American National Bank and Trust Company of Chicago be and hereby is designated a depositary in which construction funds of The Board of Trustees of the University of Illinois may be deposited by its officers, agents, and employees and that the Comptroller, or any other officer of this corporation, be and hereby is authorized to open and maintain an account or accounts with said Bank and to endorse and deposit with said Bank negotiable instruments and orders for the payment of money which endorsements may be made in writing or by a stamp and without designation of the person so endorsing, and it being understood and agreed that on all such items deposited, all prior endorsements are guaranteed by this corporation whether or not an express guaranty is incorporated in such endorsements.

And Be It Further Resolved, that the American National Bank and Trust Company of Chicago as a designated depositary of The Board of Trustees of the University of Illinois be and is hereby requested, authorized, and directed to
honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or signers thereof, when bearing or purporting to bear the facsimile signature(s) of the President and Secretary, and American National Bank and Trust Company of Chicago 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 signatures thereon may have been affixed thereto, if such facsimile signatures resemble the facsimile specimens duly certified to or filed with the American National Bank and Trust Company of Chicago by the Secretary or other officer of this corporation.

On motion of Mr. Hughes, this resolution was adopted.

FEDERAL GRANT FOR MEDICAL SCIENCES ADDITION BUILDING
(11) The Vice-President in charge of the Chicago Professional Colleges and the Vice-President and Comptroller recommend authorization of an application to the Illinois Department of Public Health Bureau of Hospitals, for a construction grant of $280,000 under Federal Public Laws 725 and 482 (The Hill-Burton Act) for approximately one-third of the cost of that portion (one entire floor) of a new building which will provide for the expansion of the outpatient clinics of the Research and Educational Hospitals. The remaining two-thirds (approximately) would be provided from the state capital appropriations to the University for the 1961-63 biennium.

I concur and recommend the adoption of the following resolution, which is required in submitting such an application:

Resolution
Resolved that H. O. Farber, Comptroller, and A. J. Janata, Secretary of the Board of Trustees of the University of Illinois, be and they hereby are authorized to sign applications for grants-in-aid under the Illinois Hospital Construction Program and Public Laws 725 and 482 (The Hill-Burton Act) in connection with a grant for the building of the Medical Sciences Addition Building at the University of Illinois Chicago Professional Colleges.

On motion of Mr. Swain, this resolution was adopted.

LEASES OF PROPERTIES
(12) Because of constitutional limitations, all leases of property by the University expire on June 30, 1961. Many of these are with the University of Illinois Foundation for properties acquired by the Foundation or leased under a long-term basis at the request of the University.

I recommend that the Comptroller be authorized to renew all existing leases under the same terms as at present. If any changes in terms or rates are proposed, a separate recommendation will be submitted to the Board. A report of all leases renewed will be submitted to the Board when the renewals have been executed.

On motion of Mrs. Watkins, authority was given as requested.

LEASE OF WAREHAM-HUDSON DAIRY BUILDING
(13) The University has an opportunity to lease the Wareham-Hudson Dairy Building at 129 North Race Street, Urbana, which will provide additional and much needed space. It is proposed to move some of the research facilities and activities of the Department of Psychology presently housed in Gregory Hall to the Wareham-Hudson Dairy Building, thus serving a twofold purpose: providing more adequate quarters for the Department of Psychology for work which can be carried on off-campus and releasing premium space on the campus for undergraduate instruction.

The Wareham-Hudson Dairy Building has two floors and a basement. The basement and first floor have a total area of approximately 7,540 square feet which will be remodeled by the owner to meet the requirements of the Department of Psychology. The second floor, which has an area of approximately 1,800 square feet, will not be remodeled for the present. The owner will lease the building at a rental of $650 a month.
The owner desires a five-year lease and since the University cannot enter into a contract for a period beyond a fiscal biennium the Board of Directors of the University of Illinois Foundation has authorized a lease for five years, with an option to renew for an additional five-year period, and sublease of the building to the University on an annual basis at a rental of $650 a month.

I recommend authorization of this sublease from the Foundation on the terms indicated. Funds to pay the rental, $7,800 a year, and for operation and maintenance, $6,800 a year, will be included in the budget of the Physical Plant Department.

On motion of Mr. Hughes, the lease of this property from the University of Illinois Foundation, on the terms indicated, was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

NONRECURRING APPROPRIATIONS

(14) The Vice-President and Comptroller and the Vice-President and Provost recommend the following appropriations and assignments of funds from the University General Reserve, except as otherwise indicated:

1. Department of Geology, departmental expenses........................................ $ 5,000
2. Purchasing Division, remodeling and equipment for additional staff; from Indirect Costs......................................................... 3,000
3. Remodeling of quarters at 907 South Sixth Street, Champaign, for College of Liberal Arts and Sciences and administrative offices........ 15,000
4. Remodeling of building at 1207 West Oregon Street, Urbana, by enclosing twelve porches to gain 2,900 square feet of office space for the College of Liberal Arts and Sciences....................... 25,000
5. Remodeling office space for the telephone accounting office and the Central Office on the Use of Space in the Illini Union...................... 3,827
6. Remodeling of quarters at 909 South Sixth Street, Champaign, to provide space for the Audio-Visual Aids Service, to replace space lost as a result of a fire at 605 1/2 East Green Street.................... 3,669
7. Student Counseling Service, air conditioning of offices on the third floor of the Administration Building (East)................................. 4,700
8. Air conditioning two rooms in Gregory Hall, used for graduate research during the summer....................................................... 3,500
9. Air conditioning and remodeling third floor of building at 1205 West Oregon Street, Urbana, for use as the Edmund J. James Scholar Center................................................................. 3,300
10. Installing fire doors in McKinley Hospital to meet accrediting standards.............................................................................. 8,530
11. English Building remodeling, supplementing an appropriation of $22,000 made on July 21, 1959; from balances in funds assigned for minor remodeling......................................................... 5,000
12. Department of Civil Engineering, to complete remodeling of Quonset huts, supplementing an appropriation of $30,000 made on July 26, 1960; from balances in funds assigned for minor remodeling............................... 5,000
13. Institute of Government and Public Affairs, to complete remodeling, supplementing an appropriation of $275,000 made on May 17, 1960; from state capital appropriations for remodeling........................................... 2,700
14. Admissions and Records, Chicago Undergraduate Division, office expense................................................................................... 6,670
15. Zoology, remodeling of laboratory space................................................................. 3,000
16. McKinley Hospital, for operations; from Hospital-Medical-Surgical Insurance surplus.............................................................. 25,955

Total......................................................... $125,821

I concur.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.
CONTRACT FOR PLASTERING, PLASTER PATCHING
AND REPAIRING, AND ACOUSTICAL WORK

The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a cost-plus contract to Edmond T. Drewitch, Urbana, the lowest bidder, for plastering, plaster patching and repairing, and acoustical work during the fiscal year beginning July 1, 1961, on the basis of the following terms: a contractor's fee of 14 per cent of all actual job costs, as determined by itemized billing, and $2.00 an hour for trucking of equipment and materials for actual time used solely for transportation; provided that not more than 8 per cent of the total cost of any job will be charged to trucking costs.

I concur.

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

CONTRACT FOR PAVING OF ORCHARD STREET EXTENDED

The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $27,580 to the Parro Construction Corporation, Urbana, for construction of a new asphalt paved street, Orchard Street extended from Florida Avenue south to the Orchard Downs housing, to serve that area.

Funds are available in the revenue bond issue to finance the Orchard Downs project.

I concur.

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

CONTRACT FOR ADDITION TO ABBOTT POWER PLANT

The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $94,562 to Square Deal Electrical Contracting, Inc., LaPorte, Indiana, the lowest bidder, for the electrical work (Division "8-M") on the addition (Boiler No. 6, Unit No. 7) to the Abbott Power Plant, now under construction.

Funds are available in the state capital appropriations to the University for 1959-61 and have been released.

I concur.

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

CONTRACT FOR EXTENSION OF STEAM SERVICE
TO UNIVERSITY HIGH SCHOOL

The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $53,548 to Reliable Plumbing and Heating Company, Champaign, the lowest bidder, for extension of steam service to the University High School. This installation is to replace an existing steam line which has been in service for forty years, has been repaired three times, and is now beyond repair.

This project will be financed from funds in the operating budget of the Physical Plant Department.

A supporting memorandum from the Physical Plant Department, including a list of bids received, is submitted herewith and a copy is being filed with the Secretary for record.

I concur.
On motion of Mr. Hughes, this contract was awarded as recommended, by the following vote: Aye, Mr. Clement, Mr. Dillard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

ENGINEERING SERVICES ON DESIGN OF ADDITION TO ABBOTT POWER PLANT

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend employment of the firm of Sargent and Lundy, Consulting Engineers, Chicago, to furnish the complete engineering services, including design, working drawings, and specifications for the construction of an addition (Boiler No. 7) to the Abbott Power Plant. The building program for 1961-63 includes an item of $2,055,000 for the addition, including engineering services, construction, fabrication, and installation of equipment. The estimated cost of these engineering services is $150,000, including $15,000 for the services of a resident engineer during the construction.

The terms of the employment of Sargent and Lundy on this project are the same as those of other University work:

Current Expense Charges. Engineering, drafting, actual cost of salaries and wages plus 50 per cent for overhead and cost. Stenographic and clerical services; travel and miscellaneous expenses to be at actual cost to the firm.

Fixed Fee Charge. A fixed fee charge of 2 per cent of the mutually agreed estimate of the cost of construction and installation of equipment (but exclusive of Sargent and Lundy's charges for current expenses and exclusive of any University expenditures).

Field Supervision. If requested by the University, the services of a resident engineer will be provided at a cost of the actual salary plus 15 per cent, plus travel and field expenses.

The estimated cost of engineering services exclusive of a resident engineer is approximately $135,000; estimated cost of services of resident engineer is approximately $15,000.

The estimated cost of work to be done by Sargent and Lundy on principal items of equipment for which contracts should be awarded early in August, 1961, is $10,000. Funds are available in the state capital appropriations to the University for 1959-61 for this amount of work. Sargent and Lundy will accept the assignment with the understanding that their employment may be terminated in the event additional funds will not become available in which case their charges will not exceed $10,000 for such preliminary work.

The employment of Sargent and Lundy has been recommended by the Advisory Committee on the Selection of Architects and Engineers.

I concur.

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

EASEMENTS ON PERCIVAL TRACT

(20) The University has purchased, through settlement of condemnation proceedings one time instituted for the acquisition, approximately fifty-one acres of the land known as the Percival Farm, or tract, south of the campus and adjoining University farm areas east of First Street and approximately three quarters of a mile south of St. Mary's Road. When condemnation proceedings were instituted, the Illinois Power Company and the Panhandle Eastern Pipeline Company entered appearances to protect easements they have on this land. The University agreed that new easements, or amendments thereof, would be prepared to state and describe correctly the interests of all parties. The easement to the Panhandle Company covered the entire tract, and the University wishes to restrict it to a sixty-foot strip of land along the length of the pipeline. The easement to the Illinois Power Company was of questionable validity having been granted by a life tenant rather than by the holder of title to the land. A new easement is requested simply to validate the Company's right to maintain the power line where it is presently located.

Neither easement will interfere with the University's use of the land. End
of the easement agreements provides for termination of the easement when the company ceases to use its line for rendition of service and thereupon full and complete title to the easement area is vested in the University.

The Vice-President and Comptroller, the Director of the Physical Plant, and the Legal Counsel recommend adoption of the following resolutions to clarify these situations:

Resolution

Be It, and It Hereby Is Resolved by this Board of Trustees of THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this Board of Trustees be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to ILLINOIS POWER COMPANY, an Illinois corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and easement to reconstruct, operate, repair, and maintain its poles, wires, and fixtures, for the purpose of an electric transmission or distribution line or system, upon and over the land hereinbefore described and the right of ingress to and egress therefrom. Grantee shall agree to repair any damage to property of this Corporation and to pay for any damages which may be caused to properties of this Corporation by the reconstruction, operation, repair, or maintenance of said electric transmission or distribution line or system. The right-of-way easement shall terminate when Grantee ceases to use said electric transmission or distribution line or system for rendition of service. The right-of-way easement shall be over the following-described property:

The South 20 feet of all that part of the South Half of the Southeast Quarter of Section 24, Township Nineteen North, Range Eight East of the Third Principal Meridian, in Champaign County, Illinois, which lies East of the East line of the present Illinois Central Railroad right-of-way, excepting, however, from said parcel of land the East 363 feet thereof.

Resolution

WHEREAS, The Board of Trustees of the University of Illinois, a public corporation, is the present owner of the following-described tract of land, hereinafter referred to as "Tract A," in the County of Champaign in the State of Illinois, to-wit:

All that part of the South half (S ½) of the Southeast Quarter (SE ¼) of Section Twenty-four (24), Township Nineteen (19) North, Range Eight (8) East of the Third Principal Meridian, in Champaign County, Illinois, which lies East of the East line of the present Illinois Central Railroad right-of-way excepting, however, from said parcel of land the East three hundred sixty-three (363) feet thereof;

which said Tract A is subject among other land to a certain Agreement for Right-of-Way dated July 6, 1931, made by C. A. Percival and Etta Luella Percival, husband and wife, in favor of Panhandle Illinois Pipe Line Company, an Illinois corporation, its successors and assigns; and

WHEREAS, Panhandle Eastern Pipe Line Company, a corporation, hereinafter referred to as "Panhandle," has succeeded to all of the right, title, and interest of Panhandle Illinois Pipe Line Company in, to, and under the above-described Agreement for Right-of-Way; and

WHEREAS, under and pursuant to the above-described Agreement for Right-of-Way, there has heretofore been constructed on and across the above-described Tract A a high-pressure natural gas transmission pipeline owned, operated, and maintained by Panhandle; and

WHEREAS, this Board of Trustees desires that Panhandle release, surrender, and relinquish all of Panhandle's rights under said Agreement for Right-of-Way in so far and in so far only as said Agreement for Right-of-Way covers, affects or pertains to the above-described Tract A, save and except, however, for a certain strip of land hereinafter described.

Now, Therefore, Be It and It Hereby Is Resolved by this Board of Trustees of THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a public corporation
of the State of Illinois, that the Comptroller and the Secretary of this Board of Trustees be, and they hereby are, authorized to execute, acknowledge, and deliver and to enter into on behalf of and in the name of this Corporation an agreement with Panhandle whereby Panhandle will release, surrender, and relinquish all of Panhandle's rights under the aforesaid Agreement for Right-of-Way in so far and in so far only as it covers, affects, or pertains to the above-described Tract A, save and except, however, as to a strip of land sixty (60) feet in width, the center line of which said strip of land (being the approximate location of the above-described pipeline of Panhandle) is described as follows, to-wit:

Entering said Tract A at a point 54.7 feet South of the North line thereof on the East line of the Illinois Central Railroad right-of-way; thence running in a southeasterly direction and leaving said described Tract A at the South line thereof at a point 1047.4 feet West of the Southeast corner of Section 24, Township 19 North, Range 8 East of the Third Principal Meridian, in Champaign County, Illinois;

said agreement shall be upon the terms and conditions as set forth in the proposed amendatory agreement entitled "Amendment of Agreement for Right-of-Way" presented to this Board of Trustees this date and on file with the Secretary of this Board of Trustees.

On motion of Mr. Johnston, these resolutions were adopted.

GRANT FOR RUSSIAN LANGUAGE AND AREA STUDIES

(21) The University of Illinois has received from Miss Doris Duke a gift of $150,000 for a five-year period for the University's Center for Russian Language and Area Studies.

I have accepted this grant on behalf of the University and have expressed to Miss Duke the sincere appreciation of the Board of Trustees for her magnificent gift. The program for which Miss Duke's gift has been received promises to be one of the most distinguished and effective of its kind in the country. Its influence will be through the personnel trained and the research work to be done by the staff. The results will be felt in the national service as well as in commercial and cultural communities.

A memorandum prepared by the Center for Russian Language and Area Studies on the planned use of Miss Duke's gift during the five-year period 1961-66 is submitted herewith and a copy is being filed with the Secretary of the Board for record.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(22) The Comptroller's report of contracts executed during the period May 1 to 31, 1961.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commonwealth Edison Co.</td>
<td>Effects of butterfat and corn oil in relation to the development of atherosclerosis</td>
<td>$11,000.00</td>
<td>April 20, 1961</td>
</tr>
<tr>
<td></td>
<td>Prospects for lime-pozzolan mixtures and lime stabilization of soils</td>
<td>$10,000.00</td>
<td>May 3, 1961</td>
</tr>
<tr>
<td>Cook County Truck Gardener's and Farmer's Association</td>
<td>Various problems of commercial vegetable farms in presence of urban expansion</td>
<td>$2,000.00</td>
<td>March 1, 1961</td>
</tr>
<tr>
<td>United States Air Force AF 29 (600) 2779</td>
<td>Organ displacement during deceleration using implanted strain gauges</td>
<td>$13,816.00</td>
<td>December 28, 1960</td>
</tr>
<tr>
<td>United States Air Force AF 33 (610) 8177</td>
<td>Deformation and fracture of crystalline solids under dynamic loading</td>
<td>$48,200.00</td>
<td>April 1, 1961</td>
</tr>
<tr>
<td>United States Army DA-ARO(D) 31-124-G72</td>
<td>Reactions of the nitrogen oxides</td>
<td>$17,640.00</td>
<td>June 15, 1961</td>
</tr>
<tr>
<td>United States Army DA-ARO(D) 31-124-G73</td>
<td>Strain in the nucleation of solid state transformations</td>
<td>$38,995.00</td>
<td>June 1, 1961</td>
</tr>
<tr>
<td>United States Army DA-36-035 SC-87250</td>
<td>Quantitative determination of point and areal precipitation by radar echo measurements</td>
<td>$90,117.00</td>
<td>October 1, 1960</td>
</tr>
</tbody>
</table>
### UNIVERSITY OF ILLINOIS

**With Whom**

- United States Atomic Energy Commission
  - AF (11-1) 1018
- United States Department of Health, Education, and Welfare
  - SAE 9402
- United States Navy
  - MORSR 85743
- United States Navy
  - NONR 2947(02)X
  - NONR 2947(02)X
- United States Attorney of Douglas County
  - States Attorney of Douglas County

**Purpose**

- Pattern recognition and data handling problems arising in the analysis of bubble chamber photographs of high energy particle events
- Proposal for language and area center in Russian at the University of Illinois
- Investigate a wide aperture direct finder system to determine the applicability and parameter of log periodic Wallenweber array
- Mechanics of failure in glass fiber reinforced plastics
- Payment in lieu of taxes (Hackett farm)

**Contract Changes**

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caterpillar Tractor Co.</td>
<td>$15 000 00</td>
<td>March 2, 1961</td>
</tr>
<tr>
<td>Grace Chemical Co.</td>
<td>2 500 00</td>
<td>March 31, 1961</td>
</tr>
<tr>
<td>Kretschmer Corp.</td>
<td>2 500 00</td>
<td>April 25, 1961</td>
</tr>
<tr>
<td>Portland Cement Association</td>
<td>40 000 00</td>
<td>May 3, 1961</td>
</tr>
<tr>
<td>United States Air Force</td>
<td>26 395 00</td>
<td>May 26, 1961</td>
</tr>
<tr>
<td>United States Air Force</td>
<td>9 960 45</td>
<td>March 28, 1961</td>
</tr>
<tr>
<td>United States Air Force</td>
<td>2 482 24</td>
<td>March 15, 1961</td>
</tr>
<tr>
<td>United States Air Force</td>
<td>50 000 00</td>
<td>March 28, 1961</td>
</tr>
<tr>
<td>United States Air Force</td>
<td>10 260 00</td>
<td>March 28, 1961</td>
</tr>
<tr>
<td>United States Army</td>
<td>1 145 56</td>
<td>May 18, 1961</td>
</tr>
<tr>
<td>United States Army</td>
<td>3 008 96</td>
<td>May 18, 1961</td>
</tr>
<tr>
<td>United States Army</td>
<td>1 084 00</td>
<td>May 18, 1961</td>
</tr>
<tr>
<td>United States Army</td>
<td>1 720 74</td>
<td>May 18, 1961</td>
</tr>
<tr>
<td>United States Army</td>
<td>1 287 84</td>
<td>May 18, 1961</td>
</tr>
<tr>
<td>United States Army</td>
<td>3 761 28</td>
<td>May 18, 1961</td>
</tr>
<tr>
<td>United States Army</td>
<td>8 000 00</td>
<td>April 27, 1961</td>
</tr>
<tr>
<td>United States Army</td>
<td>6 000 00</td>
<td>April 27, 1961</td>
</tr>
<tr>
<td>United States Army</td>
<td>400 000 00</td>
<td>April 25, 1961</td>
</tr>
<tr>
<td>United States Army</td>
<td>6 000 00</td>
<td>May 17, 1961</td>
</tr>
</tbody>
</table>
With Whom  Purpose  Amount to be Paid to the University  Effective Date

United States Atomic Energy Commission AT (11-1) 67  
Project No. 15  
United States Atomic Energy Commission AT (11-1) 63  
Project No. 15  
United States Atomic Energy Commission AT (11-1) 791  
United States Atomic Energy Commission AT (11-1) 878  
United States Atomic Energy Commission AT (11-1) 883  
United States Atomic Energy Commission AT (11-1) 890  
United States Atomic Energy Commission AT (11-1) 891  
United States Navy NOBSR 64723  
United States Navy NONR 1834 (03)  
United States Navy NONR 1834 (15)  
United States of America International Coopera­tion Administration ICAC 1258-1  

Purpose
Diffusionless phase changes in non-ferrous metals and alloys  
Diffusionless phase changes in non-ferrous metals and alloys  
Effect of X-ray irradiation on enzymatic activity and nucleic acid metabolism in seeds and seedlings of Zea mays  
Synthetic capacity of irradiated ciliates  
Nature of catalysts, reactants, and extraneous materials in catalytic reduction reactions  
Milliation of radiation-induced addition of tritium to carbon-carbon double bonds  
Chemical reactions of energetic atoms produced by nuclear recoil or by heterogeneous flash photolysis  
Restricted  
Methods of analysis of structural and machine elements  
Design and development of selected computer components  
Assisting the Uttar Pradesh Government in the organization and development of a United States land-grant type university  

Amount to be Paid to the University
$9,100.00  
48,021.00  
25,500.00  
11,990.00  
11,000.00  
8,000.00  
16,505.00  
75,000.00  
40,000.00  
17,000.00  
128,000.00  

Date  
May 2, 1961  
May 18, 1964  
May 5, 1961  
April 27, 1961  
April 27, 1961  
May 11, 1961  
April 27, 1961  
May 3, 1961  
April 5, 1961  
March 10, 1961  
April 10, 1961  
April 10, 1961  

Adjustments Made in 1960-61 Cost-Plus Contract
With Whom  Purpose  Amount  Date
E. T. Drewitch  Ten items: $36.00 to $349.00  $1,356.00  April and May, 1961

This report was received for record.

INVESTMENT REPORT
Report of the Finance Committee
(23) Mr. Swain, for the Finance Committee, reported the following changes in investments of trust funds from January 1 through March 31, 1961:

URBANA-CHAMPAIGN
Endowment Funds

Sale
$7,000  
5,000  
5,000  
3,000  
1,000  
2,000  
1,000  

Central Illinois Electric and Gas  
Firestone Tire and Rubber  
National Distillers  
Commercial Credit  
P. Lorillard  
Commercial Credit  
Wisconsin Electric Power  

3%  
3%  
3%  
3%  
3%  
3%  
3%  

2/1/75  
5/1/61  
4/1/74  
6/15/61  
10/1/63  
6/15/61  
4/15/86  

3%  
3%  
3%  
3%  

2/1/76  
5/1/75  
1,327  
5/1/75  

$19,425  
4,425  
4,989  
2,988  
989  
1,992  
922  

Purchase
$21,000  
4,000  
4,000  
37 shares  
15,000  
15,000  
15,000  
15,000  

Commercial Credit  
Commercial Credit  
Commercial Credit  
Northern Natural Gas  
U. S. bonds  
U. S. notes  
U. S. notes  
U. S. bonds  

354%  
354%  
354%  
1  
22%  
4%  
22%  
22%  

2/1/76  
2/1/76  
2/1/76  
2/1/76  
9/15/61  
8/15/62  
2/15/63  
8/15/63  

$10,425  
3,700  
3,700  
1,327  
15,023  
15,239  
15,070  
14,845  

The report was received for record.
### Current Funds

#### Exchange

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
<th>Rate</th>
<th>Date</th>
<th>Market Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,500,000</td>
<td>U. S. certificates</td>
<td>4.75%</td>
<td>2/15/61</td>
<td>$14,835,94</td>
</tr>
<tr>
<td>$1,500,000</td>
<td>U. S. notes</td>
<td>3.5%</td>
<td>8/15/61</td>
<td>$15,745,31</td>
</tr>
<tr>
<td>$30,000</td>
<td>U. S. bonds</td>
<td>2.5%</td>
<td>2/15/61</td>
<td>$14,479,69</td>
</tr>
<tr>
<td>$30,000</td>
<td>U. S. notes</td>
<td>4.5%</td>
<td>5/15/61</td>
<td>$31,162,50</td>
</tr>
</tbody>
</table>

#### Purchase

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
<th>Rate</th>
<th>Date</th>
<th>Market Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,500,000</td>
<td>U. S. bills</td>
<td>4.25%</td>
<td>2/15/61</td>
<td>$14,479,69</td>
</tr>
<tr>
<td>$1,000,000</td>
<td>U. S. notes</td>
<td>3.5%</td>
<td>2/15/61</td>
<td>$503,750,00</td>
</tr>
<tr>
<td>$500,000</td>
<td>U. S. notes</td>
<td>3.5%</td>
<td>2/15/61</td>
<td>$178,000,00</td>
</tr>
<tr>
<td>$500,000</td>
<td>U. S. notes</td>
<td>3.5%</td>
<td>8/15/61</td>
<td>$15,912,70</td>
</tr>
</tbody>
</table>

### CHICAGO

#### Beneficial Interest in Trust Chicago Escrow

<table>
<thead>
<tr>
<th>Description</th>
<th>Rate</th>
<th>Date</th>
<th>Market Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purchase</td>
<td>3.5%</td>
<td>8/15/61</td>
<td>$178,000,00</td>
</tr>
</tbody>
</table>

### Report of the Comptroller

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

#### Urbana-Champaign

### Construction Funds

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

#### Sale

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
<th>Rate</th>
<th>Date</th>
<th>Market Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>$25,000</td>
<td>U. S. bills</td>
<td>4%</td>
<td>2/16/61</td>
<td>$24,987,19</td>
</tr>
<tr>
<td>$25,000</td>
<td>U. S. bills</td>
<td>4%</td>
<td>2/16/61</td>
<td>$24,990,00</td>
</tr>
<tr>
<td>$50,000</td>
<td>U. S. bills</td>
<td>4%</td>
<td>10/16/61</td>
<td>$39,420,00</td>
</tr>
</tbody>
</table>

#### Purchase

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
<th>Rate</th>
<th>Date</th>
<th>Market Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,664,000</td>
<td>U. S. bills</td>
<td>4%</td>
<td>2/16/61</td>
<td>$663,181,07</td>
</tr>
<tr>
<td>$280,000</td>
<td>U. S. bills</td>
<td>4%</td>
<td>3/16/61</td>
<td>$279,150,67</td>
</tr>
<tr>
<td>$211,000</td>
<td>U. S. bills</td>
<td>4%</td>
<td>4/26/61</td>
<td>$209,867,99</td>
</tr>
<tr>
<td>$256,000</td>
<td>U. S. certificates</td>
<td>4%</td>
<td>5/15/61</td>
<td>$257,600,00</td>
</tr>
<tr>
<td>$309,000</td>
<td>U. S. bills</td>
<td>4%</td>
<td>6/22/61</td>
<td>$305,864,25</td>
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<tr>
<td>$347,000</td>
<td>U. S. bills</td>
<td>4%</td>
<td>7/23/61</td>
<td>$334,044,20</td>
</tr>
<tr>
<td>$413,000</td>
<td>U. S. certificates</td>
<td>4%</td>
<td>8/1/61</td>
<td>$414,419,69</td>
</tr>
<tr>
<td>$443,000</td>
<td>U. S. bonds</td>
<td>4%</td>
<td>9/15/61</td>
<td>$443,484,53</td>
</tr>
<tr>
<td>$381,000</td>
<td>U. S. bills</td>
<td>4%</td>
<td>10/16/61</td>
<td>$373,905,78</td>
</tr>
<tr>
<td>$650,000</td>
<td>U. S. bills</td>
<td>4%</td>
<td>11/15/61</td>
<td>$649,890,16</td>
</tr>
<tr>
<td>$268,000</td>
<td>U. S. bills</td>
<td>4%</td>
<td>1/15/61</td>
<td>$260,904,03</td>
</tr>
<tr>
<td>$264,000</td>
<td>U. S. notes</td>
<td>4%</td>
<td>2/15/61</td>
<td>$260,904,03</td>
</tr>
<tr>
<td>$760,000</td>
<td>U. S. notes</td>
<td>4%</td>
<td>5/15/61</td>
<td>$776,532,50</td>
</tr>
<tr>
<td>$1,760,000</td>
<td>U. S. bonds</td>
<td>4%</td>
<td>6/15/62</td>
<td>$1,746,195,94</td>
</tr>
<tr>
<td>$290,000</td>
<td>U. S. bills</td>
<td>4%</td>
<td>3/16/61</td>
<td>$229,629,13</td>
</tr>
<tr>
<td>$10,000</td>
<td>U. S. bills</td>
<td>4%</td>
<td>5/15/61</td>
<td>$9,875,36</td>
</tr>
<tr>
<td>$10,000</td>
<td>U. S. bills</td>
<td>4%</td>
<td>8/3/61</td>
<td>$9,875,36</td>
</tr>
<tr>
<td>$5,000</td>
<td>U. S. bills</td>
<td>4%</td>
<td>9/14/61</td>
<td>$4,943,61</td>
</tr>
</tbody>
</table>

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

#### Sale

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
<th>Rate</th>
<th>Date</th>
<th>Market Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>$50,000</td>
<td>U. S. bonds</td>
<td>4%</td>
<td>11/15/61</td>
<td>$49,984,38</td>
</tr>
<tr>
<td>$10,000</td>
<td>U. S. bills</td>
<td>4%</td>
<td>4/15/61</td>
<td>$9,958,68</td>
</tr>
<tr>
<td>$129,000</td>
<td>U. S. notes</td>
<td>3.5%</td>
<td>8/15/61</td>
<td>$129,342,66</td>
</tr>
</tbody>
</table>

#### Exchange

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
<th>Rate</th>
<th>Date</th>
<th>Market Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>$574,000</td>
<td>U. S. certificates</td>
<td>3%</td>
<td>2/15/61</td>
<td>$443,419,69</td>
</tr>
<tr>
<td>$574,000</td>
<td>U. S. certificates</td>
<td>3%</td>
<td>2/15/61</td>
<td>$443,419,69</td>
</tr>
</tbody>
</table>

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**Note:** The table and text provide a detailed overview of financial transactions and investments involving various types of securities, with specific rates, dates, and market values.
<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Quantity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/16/61</td>
<td>Purchase 109,000 U.S. bills</td>
<td></td>
<td>$108,614.14</td>
</tr>
<tr>
<td>6/22/61</td>
<td>Purchase 74,000 U.S. bills</td>
<td></td>
<td>$73,209.33</td>
</tr>
<tr>
<td>6/23/61</td>
<td>Purchase 40,000 U.S. bills</td>
<td></td>
<td>$39,772.04</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Quantity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/16/61</td>
<td>Purchase 335,000 U.S. bills</td>
<td></td>
<td>$333,803.12</td>
</tr>
<tr>
<td>2/16/61</td>
<td>Purchase 27,000 U.S. bills</td>
<td></td>
<td>$26,955.85</td>
</tr>
<tr>
<td>3/16/61</td>
<td>Purchase 120,000 U.S. bills</td>
<td></td>
<td>$119,828.00</td>
</tr>
<tr>
<td>4/20/61</td>
<td>Purchase 350,000 U.S. bills</td>
<td></td>
<td>$349,537.22</td>
</tr>
</tbody>
</table>

**Assembly Hall Revenue Bonds, Board of Trustees resolution dated June 23, 1959.**

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Quantity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/16/61</td>
<td>Purchase 186,000 U.S. bills</td>
<td></td>
<td>$183,749.46</td>
</tr>
<tr>
<td>5/18/61</td>
<td>Purchase 120,000 U.S. bills</td>
<td></td>
<td>$119,318.50</td>
</tr>
<tr>
<td>5/18/61</td>
<td>Purchase 50,000 U.S. bills</td>
<td></td>
<td>$49,758.61</td>
</tr>
<tr>
<td>9/14/61</td>
<td>Purchase 265,000 U.S. bills</td>
<td></td>
<td>$261,972.74</td>
</tr>
<tr>
<td>10/16/61</td>
<td>Purchase 300,000 U.S. bills</td>
<td></td>
<td>$295,894.50</td>
</tr>
</tbody>
</table>

**Housing Revenue Bonds of 1959 Series B (Graduate Housing), Board of Trustees resolution dated June 23, 1959.**

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Quantity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/16/61</td>
<td>Purchase 24,000 U.S. bills</td>
<td></td>
<td>$23,958.67</td>
</tr>
<tr>
<td>3/16/61</td>
<td>Purchase 11,000 U.S. bills</td>
<td></td>
<td>$10,984.97</td>
</tr>
<tr>
<td>4/20/61</td>
<td>Purchase 9,000 U.S. bills</td>
<td></td>
<td>$8,979.86</td>
</tr>
</tbody>
</table>

**Sale**

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Quantity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/23/61</td>
<td>Sale 5,000 U.S. bills</td>
<td></td>
<td>$4,996.30</td>
</tr>
</tbody>
</table>

**Purchase**

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Quantity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/23/61</td>
<td>Purchase 254,000 U.S. bills</td>
<td></td>
<td>$253,916.75</td>
</tr>
<tr>
<td>3/22/61</td>
<td>Purchase 50,000 U.S. bills</td>
<td></td>
<td>$49,915.14</td>
</tr>
<tr>
<td>4/27/61</td>
<td>Purchase 45,000 U.S. bills</td>
<td></td>
<td>$44,927.64</td>
</tr>
</tbody>
</table>

**Sinking Funds**

**Illini Union and Health Center Sinking Fund, Board of Trustees resolution dated December 21, 1960.**

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Quantity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/22/61</td>
<td>Purchase 145,000 U.S. bills</td>
<td></td>
<td>$144,090.42</td>
</tr>
<tr>
<td>9/15/61</td>
<td>Purchase 142,000 U.S. bonds</td>
<td>2 3/4%</td>
<td>$143,557.60</td>
</tr>
<tr>
<td>2/15/62</td>
<td>Purchase 139,000 U.S. notes</td>
<td>4%</td>
<td>$143,126.56</td>
</tr>
<tr>
<td>5/15/62</td>
<td>Purchase 140,000 U.S. notes</td>
<td>4%</td>
<td>$142,992.40</td>
</tr>
</tbody>
</table>

**Orchard Downs Sinking Fund, Board of Trustees resolution dated June 11, 1960.**

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Quantity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/22/61</td>
<td>Purchase 207,000 U.S. bills</td>
<td></td>
<td>$206,419.35</td>
</tr>
</tbody>
</table>

**Peabody Drive Sinking Fund, Board of Trustees resolution dated October 21, 1959.**

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Quantity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/22/61</td>
<td>Purchase 8149,000 U.S. bills</td>
<td></td>
<td>$148,233.47</td>
</tr>
</tbody>
</table>

**Housing Revenue Bonds Sinking Fund, Board of Trustees resolutions dated December 17, 1958, March 12, 1959, and June 23, 1959.**

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Quantity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/22/61</td>
<td>Purchase 332,000 U.S. bills</td>
<td></td>
<td>$31,949.67</td>
</tr>
<tr>
<td>3/22/61</td>
<td>Purchase 77,000 U.S. bills</td>
<td></td>
<td>$76,883.90</td>
</tr>
<tr>
<td>3/22/61</td>
<td>Purchase 4,000 U.S. bills</td>
<td></td>
<td>$3,979.41</td>
</tr>
</tbody>
</table>

**Men's Residence Halls of 1957 Sinking Fund, Board of Trustees resolution dated March 12, 1957.**

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Quantity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/22/61</td>
<td>Purchase 8122,000 U.S. bonds</td>
<td>2 3/4%</td>
<td>$122,114.38</td>
</tr>
<tr>
<td>2/15/62</td>
<td>Purchase 74,000 U.S. notes</td>
<td>3 3/4%</td>
<td>$74,346.58</td>
</tr>
</tbody>
</table>
Purchases Authorized

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

### Urbana-Champaign Departments

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One infrared analyzer to measure carbon dioxide</td>
<td>Botany</td>
<td>Beckman Instruments, Inc., Lincolnwood</td>
<td>$3,020.00 f.o.b. Fullerton, Calif.</td>
</tr>
<tr>
<td>1,516 mammals of various kinds, all prepared as museum research specimens and accompanied with skulls or skeletons</td>
<td>Museum of Natural History</td>
<td>Woodrow Goodpastor, Cincinnati, Ohio</td>
<td>$4,500.00 f.o.b. Cincinnati, Ohio</td>
</tr>
<tr>
<td>One recording oscillograph, 24-channel, with 15 recording speed ranges 0.05 to 80 in. per second, writing speed from 40 in. to beyond 20,000 in. per second, plus 18 sub-miniature galvanometers</td>
<td>State Water Survey</td>
<td>Minneapolis-Honeywell, Peoria</td>
<td>$7,476.50 f.o.b. Denver, Colo.</td>
</tr>
<tr>
<td>Eight power supplies, input: 115 volt, 1 phase, 60 cycle; and output: rated 0-50 kv., 3 ma D.C., continuous, ripple 3.5 per cent R.M.S., self contained, oil immersed, with output voltage control</td>
<td>State Water Survey</td>
<td>Kilovolt Corp., Hackenmack, N. J.</td>
<td>$3,664.00 f.o.b. delivered</td>
</tr>
</tbody>
</table>

On motion of Mr. Clement, these purchases were approved.

Purchases Recommended

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

### Chicago Colleges and Divisions

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One lot of laboratory equipment and supplies consisting of: One nitrogen analyzer and accessories</td>
<td>Chemistry, College of Pharmacy, General Stores</td>
<td>LaFite Scientific Co., Chicago</td>
<td>$3,301.50 delivered</td>
</tr>
<tr>
<td>12 dozen plastic cylinders</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 dozen plastic tubes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20 dozen plastic funnels</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>400 plastic bottles</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>126 packages of cotton</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16 dozen rolls aluminum foil</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2,000 dwt. type C casting gold for the period July 1, 1961, through June 30, 1962</td>
<td>Prosthodontics</td>
<td>Handy &amp; Harman, Chicago</td>
<td>$3,300.00 delivered</td>
</tr>
<tr>
<td>One continuous culture apparatus</td>
<td>Microbiology</td>
<td>New Brunswick Scientific Co., Inc., New Brunswick, N. J.</td>
<td>$5,061.40 delivered</td>
</tr>
<tr>
<td>20,000 tetracycline V capsules, 250 mg. (this is a three-month supply)</td>
<td>Pharmacy</td>
<td>E. R. Squibb &amp; Sons, Franklin Park</td>
<td>$3,448.00 delivered</td>
</tr>
<tr>
<td>One four-channel polygraph with provision for adding two channels</td>
<td>Physiology</td>
<td>Grass Instrument Co., Quincy, Mass.</td>
<td>$3,485.00 delivered</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>-----------------------------------</td>
<td>-------------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>Publication of the Chicago Undergraduate Division weekly newspaper,</td>
<td>Dean of Students, Undergraduate</td>
<td>Garfieldian Publications, Chicago</td>
<td>$19</td>
</tr>
<tr>
<td>Publication, academic years 1961-62 and 1962-63, consisting of 4,000</td>
<td>Division</td>
<td></td>
<td>602</td>
</tr>
<tr>
<td>copies of forty-two eight-page issues and 4,000 copies of eight</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>twelve-page issues</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Removal of rubber and building debris (approximately 1,000 cubic yards,</td>
<td>Physical Plant, Undergraduate</td>
<td>Anchor Scavenger, Berwyn</td>
<td>$2</td>
</tr>
<tr>
<td>from University areas at Navy Pier, during the period July 1, 1961,</td>
<td>Division</td>
<td></td>
<td>618</td>
</tr>
<tr>
<td>through June 30, 1963</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Urbana-Champaign Departments**

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One Model 2000 addressograph</td>
<td>Agriculture, Mailing Room</td>
<td>Addressograph Sales, Peoria</td>
<td>$8</td>
</tr>
<tr>
<td>One automatic feeder and conveyor stacker</td>
<td></td>
<td></td>
<td>441</td>
</tr>
<tr>
<td>Less trade-in allowance for 1 Model 1900 addressograph</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scoring service for approximately 70,000 special answer sheets</td>
<td>Bureau of Educational Research</td>
<td>Measurement Research Center, Inc., Iowa</td>
<td>$5</td>
</tr>
<tr>
<td>20,000 type TIG germanium diodes for use in research program of</td>
<td>Coordinated Science Laboratory</td>
<td>Coordinator Electronic Corp., Oak Park</td>
<td>400</td>
</tr>
<tr>
<td>Five rotors, gyro, 2 in. diameter beryllium to be fabricated to</td>
<td>Coordinated Science Laboratory</td>
<td>American Beryllium Co., Sarasota, Fla.</td>
<td>6</td>
</tr>
<tr>
<td>Two lots (325 tons) wheat and/or oat flour</td>
<td>Dairy Science,</td>
<td>Clyde Crawford, Villagrove</td>
<td>4</td>
</tr>
<tr>
<td>One X-band sweep oscillator, cabinet</td>
<td>Electrical Engineering</td>
<td>Hewlett-Packard Corp., c/o Crossey</td>
<td>2</td>
</tr>
<tr>
<td>One complete vacuum system, 25 liters per second capacity, complete</td>
<td>Electrical Engineering</td>
<td>Associates, Inc., Palo Alto, Ca.</td>
<td>18</td>
</tr>
<tr>
<td>One high resolution high contrast electron microscope, resolution 15</td>
<td>Electron Microscope Laboratory</td>
<td>&amp; Grey, Scientific, Inc., Oak Park</td>
<td>100</td>
</tr>
<tr>
<td>One lot of laboratory apparatus and equipment</td>
<td>General Chemical Stores, Schar &amp;</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>One lot of laboratory apparatus and equipment</td>
<td>General Chemical Stores, Fisher</td>
<td></td>
<td>104</td>
</tr>
<tr>
<td>One lot of laboratory equipment and apparatus</td>
<td>General Chemical Stores, Schar &amp;</td>
<td></td>
<td>85</td>
</tr>
<tr>
<td>Laboratory apparatus</td>
<td>General Chemical Stores,</td>
<td></td>
<td>672</td>
</tr>
<tr>
<td>Eighty-four drums (54 gallons each) c.p. acetone, a one-year supply</td>
<td>General Chemical Stores,</td>
<td>Acid Products Co., Inc., Decatur</td>
<td>3</td>
</tr>
<tr>
<td>7,680 pints reagent grade acetic acid</td>
<td>General Chemical Stores</td>
<td>Mallinkrodt Chemical Works, St. Louis,</td>
<td>7</td>
</tr>
<tr>
<td>180,000 lbs. hydrochloric acid reagent</td>
<td>General Chemical Stores and</td>
<td>General Chemical Division, Allent</td>
<td>24</td>
</tr>
<tr>
<td>12,000 lbs. nitric acid reagent</td>
<td>Physical Plant Stores</td>
<td>Chemical Corp., Chicago</td>
<td>229</td>
</tr>
<tr>
<td>4,900 lbs. inhibited nitric acid</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


### 1961

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One painting, &quot;Four Seasons,&quot; by Charles Burchfield, selected from the prize group of the 1961 Contemporary Art Festival exhibit</td>
<td>Krannert Art Museum</td>
<td>Frank K. M. Rehn, Inc., New York, N.Y.</td>
<td>$6 000 00 f.o.b. delivered</td>
</tr>
<tr>
<td>Examination and technical grading service, special graduate record types of tests, for the period July 1, 1961, through June 30, 1962. Quantities are estimated with basis of current use plus a 10 per cent enrollment increase: 1,800 aptitude 18 advanced aptitude</td>
<td>Graduate College</td>
<td>Educational Testing Service, Princeton, N.J.</td>
<td>8 262 00 f.o.b. Princeton, N.J.</td>
</tr>
<tr>
<td>Microbiology</td>
<td>Canal Industrial Corp., Bethesda, Md.</td>
<td>3 377 40 f.o.b. delivered</td>
<td></td>
</tr>
<tr>
<td>Physics</td>
<td>Linde Co., Division of Union Carbide Corp., Chicago</td>
<td>30 000 00 f.o.b. delivered</td>
<td></td>
</tr>
<tr>
<td>Television-Motion Pictures</td>
<td>National Educational Television and Radio Center, Ann Arbor, Mich.</td>
<td>7 500 00 f.o.b. shipping point</td>
<td></td>
</tr>
<tr>
<td>Print and bind 1,200 copies each of eight issues of the Journal of English and Germanic Philology, approximately 160 pages per copy</td>
<td>University Press</td>
<td>George Banta Co., Chicago</td>
<td>15 200 00 f.o.b. delivered</td>
</tr>
<tr>
<td>One electron microscope for high resolution microscopy and selected area detection, with intermediate viewing screen and binocular magnifier for observation of final image resolution 10 angstroms or better, including installation, and full service and parts warranty for one year</td>
<td>Veterinary Medicine</td>
<td>Erb &amp; Gray Scientific, Inc., Oak Park</td>
<td>30 495 00 f.o.b. delivered</td>
</tr>
<tr>
<td>One series of films of the American Institute of Biological Sciences, consisting of two units of twelve color 16 mm. films each for a total of 120 films</td>
<td>Audio-Visual Aids Service</td>
<td>McGraw-Hill Book Co., Inc., New York, N.Y.</td>
<td>23 750 00 f.o.b. destination</td>
</tr>
<tr>
<td>16,000 pounds of writing paper pads, white, plain, 100 sheets per pad, as follows: 2,000 lbs. 3 in. x 5 in., 2,000 lbs. 4 in. x 6 in., 4,000 lbs. 5 1/2 in. x 8 1/2 in., 10,000 lbs. 8 1/2 in. x 11 in.</td>
<td>Office Supply Store</td>
<td>Rockwell-Barnes Co., Elk Grove Village</td>
<td>2 906 76 f.o.b. delivered</td>
</tr>
<tr>
<td>One microscope stand, polarized, with coarse and fine focus, needle point stage, auxiliary lens, and accessories</td>
<td>Zoology</td>
<td>W. H. Kesel &amp; Co., Chicago</td>
<td>2 892 86 f.o.b. delivered</td>
</tr>
<tr>
<td>175 uniforms for Army Advanced R.O.T.C. students</td>
<td>Military</td>
<td>Goldblatt Bros., Champaign</td>
<td>28 264 75 f.o.b. delivered</td>
</tr>
<tr>
<td>84 uniforms for Air Force Advanced R.O.T.C. students</td>
<td>Allerton House</td>
<td>Normans Laundry &amp; Dry Cleaning, Decatur</td>
<td>5 332 00 f.o.b. delivered</td>
</tr>
<tr>
<td>Uniform and linen rental service as required for the two-year period July 1, 1961, through June 30, 1963</td>
<td>Veterinary Medicine</td>
<td>Champaign-Urbana Clean Towel Service, Champaign</td>
<td>7 733 60 f.o.b. delivered</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
<td>---------------------------------------------------------------------</td>
<td>------------------</td>
<td>---------------------------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>Rental of approximately 100,000 coats, military collar, white, and 165,000 aprons, bib and waist type, white, for the two-year period July 1, 1961, through June 30, 1963, for Illini Union, Residence Halls, and Home Economics Cafeterias</td>
<td>Various Departments</td>
<td>Various Vendors</td>
<td>$38 300.00 (2 per cent twenty days)</td>
</tr>
<tr>
<td>Uniforms and accessories for Housing Division food service for the year 1961-62</td>
<td>Housing Division</td>
<td>Angelica Uniform Co., St. Louis, Mo.</td>
<td>7 840.00 f.o.b. delivered</td>
</tr>
<tr>
<td>China supply for Men's Residence Halls:</td>
<td>Housing Division</td>
<td>E. A. Hinrichs &amp; Co., Chicago</td>
<td>8 584.25 f.o.b. delivered</td>
</tr>
<tr>
<td>China supply (replacement items) for Women's Residence Halls:</td>
<td>Housing Division</td>
<td>American China &amp; Glassware Co., Chicago</td>
<td>6 433.15 f.o.b. delivered</td>
</tr>
<tr>
<td>Rock salt as needed during the period July 1, 1961, through June 30, 1963, approximately 30,000—50-lb. bags, and approximately 160 tons (bulk) rock salt</td>
<td>Housing Division</td>
<td>Gunther Salt Co., St. Louis, Mo.</td>
<td>20 175.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Two alphanumeric accounting machines with automatic sort and memory control keys and electrified typewriter keyboard, less trade-in of one Burroughs bookkeeping machine</td>
<td>Physical Plant</td>
<td>International Salt Co., Clarks Summit, Pa.</td>
<td>2 518.90 f.o.b. delivered</td>
</tr>
<tr>
<td>Binding (book and serial volumes) for all University libraries (Urbana, Chicago Professional Colleges, and Chicago Undergraduate Division) for the two-year period July 1, 1961, through June 30, 1963</td>
<td>Library</td>
<td>The Book Shop Bindery, Chicago</td>
<td>10 900.00</td>
</tr>
<tr>
<td>Miscellaneous graphic arts supplies of plates, films, papers, chemicals, and covers as requested by the University of Illinois Print Shop for the period July 1, 1961, through June 30, 1963</td>
<td>Print Shop</td>
<td>Roberts &amp; Porter, Inc., Chicago</td>
<td>4 537.90 f.o.b. delivered</td>
</tr>
<tr>
<td>Services of engineer for supervision of overhaul and inspection of turbine generators and other associated equipment at Abbott Power Plant to be furnished as requested during the period July 1, 1961, through June 30, 1963</td>
<td>Physical Plant</td>
<td>General Electric Co., St. Louis, Mo.</td>
<td>7 500.00</td>
</tr>
<tr>
<td>Laboratory furniture for the Physiology Research Laboratory</td>
<td>Physical Plant</td>
<td>Warner Manufacturing Co., Decatur</td>
<td>3 533.45 f.o.b. delivered</td>
</tr>
<tr>
<td>Three trash containers, 30 cubic yard capacity, to be used with huge haul hoist equipment presently installed on a University truck</td>
<td>Physical Plant</td>
<td>Coleman &amp; Associates, Rockford</td>
<td>8 232.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Toilet tissue and paper towels for Urbana and Chicago Departments for the period July 1, 1961, through June 30, 1963:</td>
<td>Physical Plant</td>
<td>North American Paper Co., Chicago</td>
<td>85 783.42 f.o.b. delivered</td>
</tr>
<tr>
<td>3,000 cases toilet tissue</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7,000 cases paper towels</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
<td>---------------------------------------------------------------------</td>
<td>---------------------</td>
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</tr>
<tr>
<td>Building materials as required for the period July 1, 1961, through June 30, 1962:</td>
<td>Physical Plant</td>
<td>Hillcrest Lumber Co., Champaign</td>
<td>$3 146 04</td>
</tr>
<tr>
<td>500 sheets tapered edge wallboard</td>
<td></td>
<td>f.o.b., delivered</td>
<td></td>
</tr>
<tr>
<td>164 sheets Transite and Flexboard</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100 sheets Cornell or Chippewa board</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40 sheets Pegboard or Shobord</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>60 sheets Celotex white building</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>150 sheets Tempered Masonite or Masonite Allwood Hardboard</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wet storage batteries:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50 No. 1</td>
<td>Physical Plant</td>
<td>Montgomery Ward &amp; Co., Urbana</td>
<td>$5 575 71</td>
</tr>
<tr>
<td>35 No. 2</td>
<td></td>
<td>f.o.b., delivered</td>
<td></td>
</tr>
<tr>
<td>25 No. 245</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>60 No. 29N</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>To be purchased as required during the two-year period, July 1, 1961, through June 30, 1963:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approximately 2,000 tons torpedo sand and crushed rock to be furnished in carload lots as requested, for the period July 1, 1961, through June 30, 1963:</td>
<td>Physical Plant</td>
<td>Alpha Material &amp; Fuel Co., Champaign</td>
<td>$2 700 00</td>
</tr>
<tr>
<td>1,000 tons torpedo sand and crushed rock</td>
<td></td>
<td>Crushed rock</td>
<td></td>
</tr>
<tr>
<td>Approximately 6,000 tons crushed stone, No. 8 road binders, to be delivered as needed for the period July 1, 1961, through June 30, 1963; the crushed stone to conform to the State of Illinois Division of Highways standard specifications:</td>
<td>Physical Plant</td>
<td>Harold Smith Trucking, Camargo</td>
<td>$16 500 00</td>
</tr>
<tr>
<td>Approximately 500,000 lbs. dry ice in 10 in. x 10 in. x 10 in. cubes for use in research laboratories as required for the period July 1, 1961, through June 30, 1963:</td>
<td>Various Departments</td>
<td>Pure Carbonic Co., Newark, N.J.</td>
<td>$23 750 00</td>
</tr>
<tr>
<td>Synthetic floor finish to be furnished to the Urbana campus and Chicago Professional Colleges as required during the period July 1, 1961, through June 30, 1962:</td>
<td>Physical Plant</td>
<td>R. M. Hollingshead Corp., Camden, N.J.</td>
<td>$10 109 48</td>
</tr>
<tr>
<td>2,700 gallons packed in five-gallon cans</td>
<td></td>
<td>f.o.b., delivered</td>
<td></td>
</tr>
<tr>
<td>5,000 gallons packed in fifty-five-gallon drums</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2,400 (approximately) oil specimens to be analyzed for motor vehicle fleet operation during the period July 1, 1961, through June 30, 1963:</td>
<td>Physical Plant</td>
<td>Faber Laboratories, Chicago</td>
<td>$4 616 00</td>
</tr>
<tr>
<td>Cylinder and bulk propane gas to be furnished as required for the period July 1, 1961, through June 30, 1963:</td>
<td>Various Departments</td>
<td>Jack Bell Gas Co., Urbana</td>
<td>$13 000 00</td>
</tr>
<tr>
<td>Gasoline, fuel oil, solvent, kerosene, motor oils, greases, and industrial oils to be furnished to various University departments as requested during the two-year period July 1, 1961, through June 30, 1963:</td>
<td>Various Departments</td>
<td>Bulk propane gas</td>
<td>$6 500 00</td>
</tr>
<tr>
<td>Aviation gasoline 200,000 gallons 80/87 grade</td>
<td>Institute of Aviation</td>
<td>Texaco, Inc., Chicago</td>
<td>$140 844 00</td>
</tr>
<tr>
<td>240,000 gallons 91/96 grade</td>
<td></td>
<td>f.o.b., delivered</td>
<td></td>
</tr>
<tr>
<td>120,000 gallons 100/130 grade</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>200,000 gallons kerosene (Type A) aviation turbine fuel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>To be furnished as required during the two-year period July 1, 1961, through June 30, 1963:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------</td>
<td>--------------------------------------------------</td>
<td>------------</td>
</tr>
<tr>
<td>4,980 gallons aviation motor oil, grades 65, 80, 100, and 120, as</td>
<td>Institute of Aviation</td>
<td>Phillips Petroleum Co., St. Louis, Mo.</td>
<td>$10,775.00</td>
</tr>
<tr>
<td>required by Aircraft Maintenance Shop at University of Illinois</td>
<td></td>
<td></td>
<td>f.o.b.</td>
</tr>
<tr>
<td>Airport during the two-year period July 1, 1961, through June 30, 1963</td>
<td></td>
<td></td>
<td>delivered</td>
</tr>
<tr>
<td>One California laboratory pellet mill complete with pellet mill and</td>
<td>Animal Science</td>
<td>California Pellet Mill Co., Crawfordsville, Ind.</td>
<td>$3,417.00</td>
</tr>
<tr>
<td>feeder, table mounted with complete T.S. electrical for 3-phase, 60-</td>
<td></td>
<td></td>
<td>f.o.b.</td>
</tr>
<tr>
<td>cycle 220/440-volt operation including 2 b.p. 1,800 r.p.m. drive</td>
<td></td>
<td></td>
<td>delivered</td>
</tr>
<tr>
<td>motor, fractional horsepower feeder motor, starter, ammeter, and</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>pushbutton</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Analytical centrifuge, ultrahigh speed, with accessories, for speeds</td>
<td>Chemistry and Chemical Engineering</td>
<td>Spinco Division, Beckman Instruments, Inc.,</td>
<td>$25,182.00</td>
</tr>
<tr>
<td>up to 290,000 r.p.m. x gravity, for use in chemical and biological</td>
<td></td>
<td>Palo Alto, Calif.</td>
<td>f.o.b.</td>
</tr>
<tr>
<td>analyses</td>
<td></td>
<td></td>
<td>delivered</td>
</tr>
<tr>
<td>One recording ultraviolet and visible spectrophotometer, double beam</td>
<td>Chemistry and Chemical Engineering</td>
<td>The Perkin-Elmer Corp., Chicago</td>
<td>$4,225.00</td>
</tr>
<tr>
<td>and accessories</td>
<td></td>
<td></td>
<td>f.o.b.</td>
</tr>
<tr>
<td>One vacuum ultraviolet monochromator and</td>
<td>College of Engineering</td>
<td>The Interstate Printers &amp; Publishers, Inc.,</td>
<td>$4,800.00</td>
</tr>
<tr>
<td>accessories</td>
<td></td>
<td>Danville</td>
<td>f.o.b.</td>
</tr>
<tr>
<td>1,600 sets (approximately), 50 prints per set, student personnel</td>
<td>Forestry</td>
<td>Fisher Scientific Co., Chicago</td>
<td>$17,740.00</td>
</tr>
<tr>
<td>data sheets, 8¼ in. x 11 in., as needed during the period July 1,</td>
<td></td>
<td></td>
<td>f.o.b.</td>
</tr>
<tr>
<td>1961, through June 30, 1963</td>
<td></td>
<td></td>
<td>delivered</td>
</tr>
<tr>
<td>One continuous spectrophotometer for reflectance measurements with</td>
<td>Mining and Metallurgical Engineering</td>
<td>High Pressure Equipment Co., LaGrange Park</td>
<td>$3,850.00</td>
</tr>
<tr>
<td>linear wavelength presentation, minimum wavelength range from 380 to</td>
<td></td>
<td></td>
<td>f.o.b.</td>
</tr>
<tr>
<td>1,050 millimicrons and digitized resident to an IBM card punch and/</td>
<td>Physics</td>
<td>Tektronix, Inc.</td>
<td>$2,712.00</td>
</tr>
<tr>
<td>or printed case</td>
<td></td>
<td></td>
<td>f.o.b.</td>
</tr>
<tr>
<td>One counter, model B, with vacuum pump</td>
<td>Microbiology</td>
<td>Coulter Electronic Sales Co., Chicago</td>
<td>$6,800.00</td>
</tr>
<tr>
<td>One automatic size to be used with counter</td>
<td></td>
<td></td>
<td>f.o.b.</td>
</tr>
<tr>
<td>One environmental incubator-shaker with two accessory gyrotary</td>
<td>Microbiology</td>
<td>New Brunswick Scientific Co., Inc., New Brunswick,</td>
<td>$2,958.00</td>
</tr>
<tr>
<td>shaker platforms to accommodate 500 ml. and 2 liter erlenmeyer flasks</td>
<td></td>
<td>N.J.</td>
<td>f.o.b.</td>
</tr>
<tr>
<td>One laboratory isostatic press stand complete, mounted on caster</td>
<td>Mining and Metallurgical Engineering</td>
<td>High Pressure Equipment Co., LaGrange Park</td>
<td>$3,850.00</td>
</tr>
<tr>
<td>Three oscilloscopes, D.C.-ISMC, 0.23 nanoseconds rise time, with 22</td>
<td>Physics</td>
<td>Tektronix, Inc.</td>
<td>f.o.b.</td>
</tr>
<tr>
<td>calibrated sweep rates from 0.2 micro-seconds/cm. to 2 seconds/cm.,</td>
<td></td>
<td></td>
<td>delivered</td>
</tr>
<tr>
<td>plus three mobile carts and three viewing boards</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Radiation detection film badge service for the period July 1, 1961,</td>
<td>Physics</td>
<td>R. S. Landaner, Jr. &amp; Co., Matteson</td>
<td>$7,228.00</td>
</tr>
<tr>
<td>through June 30, 1963</td>
<td></td>
<td></td>
<td>f.o.b.</td>
</tr>
<tr>
<td>8,320 Beta-gamma film badges</td>
<td></td>
<td></td>
<td>delivered</td>
</tr>
<tr>
<td>260 Beta-gamma finger badges</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2,800 Neutron-beta-gamma badges</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One leak detector, helium mass spectrometer type, portable, with</td>
<td>Physics</td>
<td>Vacuum-Electronics Corp., Chicago</td>
<td>$4,900.00</td>
</tr>
<tr>
<td>remote and audible metering and alarm system, high sensitivity</td>
<td></td>
<td></td>
<td>f.o.b.</td>
</tr>
<tr>
<td>One microscope, research paupilet metallographic with camera and</td>
<td>Physics</td>
<td>W. H. Kessel &amp; Co., Chicago</td>
<td>$4,925.00</td>
</tr>
<tr>
<td>accessories</td>
<td></td>
<td></td>
<td>f.o.b.</td>
</tr>
<tr>
<td>Correspondence and Related Documents, edited by Donald D. Jackson</td>
<td></td>
<td></td>
<td>f.o.b.</td>
</tr>
<tr>
<td>Print and bind 2,000 copies of Mapuche Social Structure, by L. C.</td>
<td>University Press</td>
<td>North Central Publishing Co., St. Paul, Minn.</td>
<td>$2,518.51</td>
</tr>
<tr>
<td>Faron</td>
<td></td>
<td></td>
<td>f.o.b.</td>
</tr>
<tr>
<td>Print and bind four issues of the Illinois Studies in Language and</td>
<td>University Press</td>
<td>The North Central Publishing Co., St. Paul, Minn.</td>
<td>$8,000.00</td>
</tr>
<tr>
<td>Literature, 1,000 copies per issue, approximately 100 pages per</td>
<td></td>
<td></td>
<td>f.o.b.</td>
</tr>
<tr>
<td>copy</td>
<td></td>
<td></td>
<td>delivered</td>
</tr>
</tbody>
</table>
Item | Department | Vendor | Cost
--- | --- | --- | ---
Print and bind two issues of *Illinois Biological Monographs*, 1,000 copies per issue, approximately 160 pages per copy | University Press | Pantagraph Printing & Stationery Co., Bloomington | $7,500.00 f.o.b. delivered
Print and bind four issues of *Illinois Studies in the Social Sciences*, 1,000 copies per issue, approximately 160 pages per copy | University Press | Pantagraph Printing & Stationery Co., Bloomington | $10,000.00 f.o.b. delivered
513 reams bond paper, No. 4 suitable in assorted sizes and colors as follows: 120 reams 22 in. x 34 in. white 240 reams 22 in. x 34 in. green 48 reams 22 in. x 34 in. blue 120 reams 22 in. x 34 in. white 9 reams 24 in. x 38 in. green | Office Supply Store | Graham Paper Co., St. Louis, Mo. | $2,706.68 f.o.b. delivered
One offset duplicator for printing maximum paper stock size of 11 in. x 17 in., with sheet detector, black-and-white and colored ink process, adjustable in control | Division of University Extension | Addressograph-Multigraph Corp., Peoria | $4,159.75 f.o.b. delivered
One depth moisture gauge, one portable roller, and four gauges to provide readings of surface moisture, surface density, depth moisture, and depth density of soils | State Water Survey | Nuclear-Chicago Corp., Des Plaines | $3,006.45 f.o.b. delivered
1,240,000 envelopes, assorted sizes and types | Office Supply Store | Moser Paper Co., Chicago | $8,148.45 f.o.b. delivered
300 tons (approximately) pea size coke to be delivered directly to bins at various Temporary Housing Division locations during the 1961-62 heating season | Housing Division | Varner's Hauling System, Urbana | $9,206.88 delivered
Garbage and trash disposal service for Stadium Terrace, Illini Village, and Arbor Salute for period July 1, 1961, through June 30, 1963 | Housing Division | Varner's Hauling System, Urbana | $3,000.00 delivered
Trash disposal service for Illini Union for period July 1, 1961, through June 30, 1963 | Illini Union | Varner's Hauling System, Urbana | $115,545.36 delivered
Laundry service for period July 1, 1961, through June 30, 1963 | Various Departments | Shelton Laundry, Urbana | $134,436.72
Fourteen four-door sedans Three station wagons One van truck 1½ ton | Physical Plant | University Ford Sales, Connersville | $2,010.20 f.o.b. delivered
Five compact sedans Three standard sedans One van truck 27 088 03
One sedan (police) 771.00

On motion of Mr. Clement, these purchases were authorized.

**DIRECTOR OF OFFICE OF INSTRUCTIONAL RESEARCH**

(25) The Vice-President and Provost recommends the appointment of Dr. Robert G. Demaree as Associate Professor of Psychology on indefinite tenure and Director of the Office of Instructional Research beginning June 1, 1961, and continuing through August 31, 1962, at a salary of $14,000 on a twelve-month service basis. The appointment is supported by the Head of the Department of
Psychology, the Dean of the College of Liberal Arts and Sciences, and the Dean of the Graduate College.

I concur.

On motion of Mrs. Watkins, this appointment was approved.

HEADSHIP OF DEPARTMENT OF PEDIATRICS

(26) The Dean of the College of Medicine and the Vice-President in charge of the Chicago Professional Colleges recommend the appointment of Dr. Irving Schulman, Professor of Pediatrics at Northwestern University Medical School, as Professor of Pediatrics on indefinite tenure and Head of the Department of Pediatrics beginning September 1, 1961, at an annual salary of $24,850 on a twelve-month service basis. This appointment is to fill the vacancy created by the retirement of Dr. Heyworth N. Sanford.

The nomination for this appointment was made by a special search committee appointed to canvass the field for available and qualified candidates. It is supported by the Medical Director of the Research and Educational Hospitals and Associate Dean of the College of Medicine, the Vice-President and Provost, and the Dean of the Graduate College.

I concur.

On motion of Mrs. Watkins, this appointment was approved.

LEASES OF OFFICE QUARTERS FOR DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(27) The Business Manager of the Chicago Colleges and the Vice-President and Comptroller recommend renewal of leases for office quarters occupied by the Division of Services for Crippled Children as follows:

Springfield. Offices at 1105 South Sixth Street, Mr. and Mrs. Jacob E. Reich, owners, at a rental of $350 a month (total, $13,200), for two years from July 1, 1961.

Offices at 101 South Fifth Street, Henry S. Miller as agent for Morris R. and Alan J. Myers, at a rental of $165 a month (total $3,960), for two years from July 1, 1961.

Belleville. Offices at 10 West Washington Street, Security Abstract and Title Company, owners, at a rental of $260 a month (total, $6,240), for two years from July 1, 1961.

Peoria. Offices in the Central National Bank Building, Central National Bank and Trust Company, owners, at a rental of $270 a month (total, $6,480), for two years from July 1, 1961.

Urbana. Offices at 602 South Broadway, V. W. Hurlbert, owner, at a rental of $110 a month (total, $2,640), for two years from July 1, 1961.

Rock Island. Offices at 300 Twentieth Street, Frank Skafidas, owner, at a rental of $125 a month (total, $3,000), for two years from July 1, 1961.

Normal. Offices at 205 1/2 North Street, Anita M. Rhodes, owner, at a rental of $125 a month (total, $3,000), for two years from July 1, 1961.

Rockford. Offices at 119 North Church Street, 119 North Church Street Corporation, owner, at a rental of $255 a month (total, $6,120), for two years from July 1, 1961.

The terms of the new leases at Belleville, Peoria, Springfield, Urbana, Rock Island, and Normal are the same as those in effect in previous leases.

The office at Rockford is to be relocated on July 1, 1961. The space previously rented was not adequate, and since some additional staff are to be added, it was necessary to find new quarters. Annual cost per square foot on the new lease will be $4.08 compared with $3.47 on the old lease.

The Division has funds in its budget for the rentals.

The Director of the Division of Services for Crippled Children and the

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1 Mark H. Lepper, Professor of Preventive Medicine and Head of the Department, Chairman; Edward J. Beattie, Jr., Professor of Surgery and member of the staff of Presbyterian-St. Luke's Hospital; Orville T. Bailey, Professor of Neurology; William F. Morpeth, Professor of Obstetrics and Gynecology and Head of the Department; Arnold V. Wolf, Professor of Physiology and Head of the Department; Benjamin M. Gasul, Clinical Professor of Pediatrics.
Vice-President in charge of the Chicago Professional Colleges concur in these recommendations. I recommend approval.

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

REFUND OF PORTION OF FAUCETT-UMPHREY CORPORATION BID DEPOSIT

(38) The Faucett-Umphrey Corporation, Bloomfield, Indiana, which last year was awarded a contract for residence halls furniture, failed to furnish the bond required. The Board of Trustees rescinded the award of the contract to that Corporation, awarded the contract to the next lowest bidder, and authorized the retention by the University of Faucett-Umphrey's bid deposit of $7,500 as liquidated damages for failure to comply with the contract requirements. Subsequently, the Board denied a request from Faucett-Umphrey Corporation that the Board reconsider its action relative to the retention of the bid deposit.

Faucett-Umphrey Corporation employed attorneys to institute suit against the University to recover the amount of the bid deposit. As a result of negotiations, Faucett-Umphrey has agreed to limit its demand for the return of the bid deposit to that portion which exceeds damages actually sustained by the University in consequence of Faucett-Umphrey's failure to furnish the bond and perform. Those damages consist in the difference, $6,046.64, between Faucett-Umphrey's bid and that of the next lowest bidder, and various items of expense, totaling approximately $450 incurred by the University in connection with attempting to aid Faucett-Umphrey in securing the required bond and in connection with the action taken when Faucett-Umphrey was unable to furnish it. Accordingly, the bid deposit of $7,500 exceeded by approximately the sum of $1,000 the damages and expenses which the University has sustained in consequence of Faucett-Umphrey's inability to furnish the bond and to carry out the contract.

At the time the Board of Trustees took the actions referred to, it was not possible to determine the full amount of the damages which would actually be sustained by the University since there was a possibility that the next lowest bidder might not be able, because of the delay in awarding the contract, to complete performance of the contract by the time the University would need the furniture and the University might thereby sustain additional damages. Fortunately, this did not develop, and $6,500 is sufficient to reimburse the University for all of the damages it actually sustained and expenses it incurred as a result of Faucett-Umphrey's failure to furnish bond.

Faucett-Umphrey's attorneys have now notified the Legal Counsel that their client will accept $1,000 in full settlement of the claim for return of the bid deposit; settlement of the claim upon this basis is equitable and just for the reasons stated. Accordingly, the Director of Purchases, the Vice-President and Comptroller, and the Legal Counsel recommend that upon receipt by the University of a full and complete release from Faucett-Umphrey Corporation the sum of $1,000, constituting a portion of Faucett-Umphrey Corporation's bid deposit, be refunded.

I concur.

On motion of Mr. Johnston, this recommendation was approved, and authority was given as requested.

CONTRACT FOR MINOR BUILDING ALTERATIONS AND REPAIRS

(29) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of the following cost-plus contracts for minor building alterations and repairs and construction work for the period July 1, 1961, through March 31, 1962. These contracts are for work which would not justify the cost of preparing separate drawings and specifications and of separate bidding procedures on each project. This is a practice which the University has followed for a number of years. In essence, the several contractors bid on percentages to be added to actual material, labor, and subcontract costs, depending in many cases
on the size of the particular division of work within specified limits of four
ranges:
General — Clarence H. Siems Company, Urbana
Electrical — Potter Electric Service, Inc., Urbana
Plumbing — Thomas Plumbing and Heating Company, Urbana
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems —
David W. Reichard Plumbing and Heating, Urbana
Ventilating and Distribution Systems for Conditioned Air — F. R. Inskip and
Company, Champaign.

The work will be done as ordered by the Physical Plant Department and will
be paid for on the basis of the actual cost of each job plus contractors fees. A
schedule of bids taken showing the percentages to be added for work to be
executed under these cost-plus contracts is submitted herewith and a copy of the
schedule is being filed with the Secretary of the Board for record as the basis
for the contract awards recommended. No assignment of funds is requested at
this time and each job will be covered by a contract change order charged against
funds allocated for the project.

It is further recommended that the Comptroller be authorized to approve
orders under these contracts up to $25,000 on each project provided that any
orders exceeding this amount shall be submitted to the Board of Trustees for
approval in advance, in accordance with previous practice and authorization.

I concur.

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

GRANT TO COORDINATED SCIENCE LABORATORY
(30) The University has received official notice that the Advanced Research
Projects Agency (ARPA) of the Department of Defense has made available to
the United States Army Signal Corps $990,000 as a grant to the University of
Illinois for the purpose of strengthening high-speed computing facilities at the
Coordinated Science Laboratory. This grant was made from a special $4,500,000
fund being allocated to ten university laboratories supported by the Department
of Defense and engaged in interdisciplinary research.

The grant will be principally used to acquire a large digital computing system
to be installed at the Coordinated Science Laboratory in the near future. This
system will consist of a bank of high-speed magnetic tape storage units and an
all transistorized central computer having 32,768 words of magnetic core memory
and operating at rates up to 100,000 computations per second.

Also partially supported by this award is an experimental short word length
computer now under construction at the Coordinated Science Laboratory. This
experimental computer is designed primarily for nonarithmetical operations and
will be used in experiments in real-time logical data processing.

This grant will materially strengthen the facilities of the University for high
speed computing. Current research programs at the Coordinated Science Labora
tory benefiting by this award involve adaptive control systems, research studies in
the physics of surfaces, plasma physics, applications of digital computers in
real-time games, and automatic teaching machine studies.

I have acknowledged the grant with an appropriate expression of apprecia­
tion on behalf of the Board of Trustees and other University officials, and report
it for record.

This report was received for record.

At this point, the President of the Board ordered a five-minute re­
cess prior to taking up consideration of the following item of business.

INCORPORATION OF HULL HOUSE IN UNIVERSITY
OF ILLINOIS CAMPUS IN CHICAGO
(31) Before presenting this report and his recommendations, President Henry
made an introductory statement reviewing the considerations given by the officials
of the city of Chicago and of the University to the question of preserving some part of the buildings which comprise the Hull House group, in accordance with the vote of the Board of Trustees on February 15, 1961, that no steps be taken to remove Hull House until the Board has a chance to investigate further. The President's report and recommendations follow.

In accepting the offer of the city of Chicago of the Harrison-Halsted Street site for the new University of Illinois campus in Chicago on February 15, 1961, the Board of Trustees instructed the architects to consider ways and means of suitably memorializing Hull House—its work and the great tradition it represents.

Reports from the University's planning staff and Skidmore, Owings, and Merrill, Architects and Engineers, who have been doing the site planning for the new campus, indicate that it is architecturally practicable to retain the original unit of Hull House on its present location, i.e., the Hull Mansion in which Jane Addams began her work. The restored building will be suitable for small group meetings and conferences and a memorial center for Jane Addams' mementoes.

Accordingly, I recommend that the Board of Trustees approve a plan offered by the architects to incorporate the original Hull House as part of the new University of Illinois campus in Chicago. It is not recommended that any of the extensions of Hull House, which now occupy almost a full city block, be preserved, because of the University's need for heavy utilization of the land area whose use is already restricted by the necessity of retaining existing utilities. To remove these utilities, which take about twelve acres of otherwise buildable land out of such use, would cost upwards of $25,000,000.

In the plan offered by the architects, the original Hull House and the Jane Addams garden would be restored and incorporated into the new campus layout. Since public funds available for the development of the campus must be used entirely for the facilities programmed to meet the educational needs of the anticipated enrollments, special financing will be needed for the reconstruction, for continuing maintenance of the structure, and for its use in a way that will be a fitting memorial to Jane Addams. Consequently, in making this recommendation that the architects be authorized to proceed with plans to keep the original unit of Hull House and to restore the Jane Addams garden, I also request authority to seek a gift or gifts from private donors to underwrite the financial requirements for the restoration and additional funds for maintenance of the center.

From the public interest expressed in an appropriate memorial to Miss Addams, it is believed that many people throughout the country will respond to a request for financial aid in meeting the objective here outlined.

The restored building and garden will not only be a significant landmark for the new campus and for Chicago; its identity with Jane Addams and the tradition associated with her will be a continuing inspiration for students and others who may have occasion to use or to visit the center.

Following the presentation by President Henry of the foregoing statement and recommendations, the President of the Board announced that representatives of Hull House and of "Save Hull House Committee" were at the Board meeting having previously requested the opportunity of being heard and having been granted that privilege. He called on the two delegations.

Mrs. Florence Scala, 1030 West Taylor Street, Chicago, representing the "Harrison-Halsted Group," Miss Jessie Binford, a Resident of Hull House, and Mr. Russell Ballard, Executive Director of Hull House, made statements asking that all of the buildings in the area from Halsted Street west to the alley be preserved.

Mr. Len Bishop, Mrs. Mary Vincent, and Mr. John Vincent of "Save Hull House Committee" also made statements in support of the preservation of some of the buildings, in addition to the original Hull Mansion.

The hearing of the two delegations having been concluded, on motion of Mr. Clement, the Board recessed for luncheon.
When the Board reconvened, it resumed consideration of President Henry's recommendations relating to Hull House, and the President of the Board called for a discussion of them.

At the conclusion of the discussion, on motion of Mr. Swain, the President's recommendations were approved and authority was given as requested.

On this motion, Mr. Pogue voted "No." Mr. Dilliard and Mr. Johnston asked to be recorded as "Present but not voting."

JULY AND AUGUST MEETINGS
Under the By-Laws of the Board, the next meeting would be held on July 19 unless the date is changed by the Board, or by order of the President thereof. President Williamson announced that due to the late decisions in Springfield on the University's state appropriations for 1961-63, the University's internal operating budget for 1961-62 can not be prepared for consideration by the Board in July, and that a meeting for this purpose in August will be necessary. It was the consensus of the Trustees that the July meeting should be omitted and that the Board hold a meeting in August. Accordingly, the President stated that he would order the July meeting omitted and would call a meeting in August.

DEGREES CONFERRED IN JUNE
The Secretary presented for record the following lists of degrees conferred at the Chicago Professional Colleges exercises on June 9, 1961, and on other dates indicated, and at Urbana-Champaign on June 17, 1961, in accordance with the authorization of the Board of Trustees.

Summary
Honorary Degrees, conferred at Urbana:
Doctor of Laws .......................... 2
Doctor of Letters .................................. 1
Doctor of Science .................................. 2
Total, Honorary Degrees .................. (5)

Degrees in the Graduate College, conferred at Urbana:
Doctor of Philosophy .................. 133
Doctor of Education .................. 8
Doctor of Musical Arts ................. 3
Master of Arts .......................... 96
Master of Science .................. 369
Master of Music .................. 6
Master of Education .................. 75
Master of Social Work .................. 35
Master of Fine Arts .................. 9
Master of Accounting Science ............ 10
Master of Architecture .................. 19
Master of Comparative Law ............ 2
Master of Commerce .................. 25
Master of Business Administration ....... 5
Advanced Certificate in Education ....... 5
Total, Graduate College ............... (768)

Degrees in Law, conferred at Urbana:
Bachelor of Laws .................. 46
Degrees in Veterinary Medicine, conferred at Urbana:

<table>
<thead>
<tr>
<th>Degree</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Science</td>
<td>26</td>
</tr>
<tr>
<td>Doctor of Veterinary Medicine</td>
<td>35</td>
</tr>
<tr>
<td>Total, Veterinary Medicine</td>
<td>(61)</td>
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</table>

Baccalaureate Degrees, conferred at Urbana:

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<tr>
<th>Degree</th>
<th>Number</th>
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<tbody>
<tr>
<td>Bachelor of Science, College of Agriculture</td>
<td>168</td>
</tr>
<tr>
<td>Bachelor of Science, College of Engineering</td>
<td>332</td>
</tr>
<tr>
<td>Bachelor of Arts, College of Liberal Arts and Sciences</td>
<td>303</td>
</tr>
<tr>
<td>Bachelor of Science, College of Liberal Arts and Sciences</td>
<td>224</td>
</tr>
<tr>
<td>Bachelor of Science, College of Education</td>
<td>168</td>
</tr>
<tr>
<td>Bachelor of Science, College of Commerce and Business Administration</td>
<td>218</td>
</tr>
<tr>
<td>Bachelor of Science, College of Journalism and Communications</td>
<td>55</td>
</tr>
<tr>
<td>Bachelor of Architecture, College of Fine and Applied Arts</td>
<td>88</td>
</tr>
<tr>
<td>Bachelor of Fine Arts, College of Fine and Applied Arts</td>
<td>56</td>
</tr>
<tr>
<td>Bachelor of Music, College of Fine and Applied Arts</td>
<td>12</td>
</tr>
<tr>
<td>Bachelor of Science, College of Fine and Applied Arts</td>
<td>31</td>
</tr>
<tr>
<td>Bachelor of Science, College of Physical Education</td>
<td>63</td>
</tr>
<tr>
<td>Bachelor of Science, Division of Special Services for War Veterans</td>
<td>13</td>
</tr>
<tr>
<td>Total, Baccalaureate Degrees</td>
<td>(1,838)</td>
</tr>
<tr>
<td>Total, Degrees Conferred at Urbana</td>
<td>(2,621)</td>
</tr>
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</table>

Degrees in the Graduate College, conferred at Chicago:

<table>
<thead>
<tr>
<th>Degree</th>
<th>Number</th>
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</thead>
<tbody>
<tr>
<td>Doctor of Philosophy</td>
<td>12</td>
</tr>
<tr>
<td>Master of Science</td>
<td>32</td>
</tr>
<tr>
<td>Total, Graduate College</td>
<td>(44)</td>
</tr>
</tbody>
</table>

Degrees in Dentistry, conferred at Chicago:

<table>
<thead>
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<th>Degree</th>
<th>Number</th>
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<tbody>
<tr>
<td>Bachelor of Science</td>
<td>1</td>
</tr>
<tr>
<td>Doctor of Dental Surgery</td>
<td>72</td>
</tr>
<tr>
<td>Total, Dentistry</td>
<td>(73)</td>
</tr>
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</table>

Degrees in Medicine, conferred at Chicago:

<table>
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<th>Degree</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Science in Occupational Therapy</td>
<td>15</td>
</tr>
<tr>
<td>Doctor of Medicine</td>
<td>169</td>
</tr>
<tr>
<td>Total, Medicine</td>
<td>(184)</td>
</tr>
</tbody>
</table>

Degrees in Nursing, conferred at Chicago:

<table>
<thead>
<tr>
<th>Degree</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Science</td>
<td>15</td>
</tr>
</tbody>
</table>

Degrees in Pharmacy, conferred at Chicago:

<table>
<thead>
<tr>
<th>Degree</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Science</td>
<td>83</td>
</tr>
<tr>
<td>Total, Degrees Conferred at Chicago</td>
<td>(399)</td>
</tr>
<tr>
<td>Total, Urbana and Chicago</td>
<td>(3,020)</td>
</tr>
</tbody>
</table>

Degrees Conferred at Urbana

HONORARY DEGREES

Degree of Doctor of Laws

**Martin Paul Catherwood**  **Lawrence A. Kimpton**

Degree of Doctor of Letters

**Harris Francis Fletcher**

Degree of Doctor of Science

**Polykarp Kusch**  **Sewall Wright**
GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

HERSHEL MURRAY ANDERSON, B.B.A., North Texas State College, 1955; M.P.A.,
University of Texas, 1957
NICHOLAS DOPUCH, B.S., Indiana State Teachers College, 1957; M.S., 1959

In Aeronautical Engineering

EDWARD ALEXANDER STANFORD, B.M.E., Syracuse University, 1950; M.S., 1952

In Agricultural Economics

WILLIAM HABEEL ALEXANDER, B.S., M.S., Louisiana State University, 1942; M.S.,
ROBERT LAWRENCE JOHNSTONE, B.S., M.S., University of Kentucky, 1948, 1957

In Agronomy

HWEI-HSIEN CHENG, A.B., Berea College, 1956; M.S., 1958
JOE HOWARD CHERRY, B.S., University of Tennessee, 1957; M.S., 1959
ROBERT LOUIS HARRISON, B.S., M.S., Oklahoma State University of Agriculture
and Applied Science, 1954, 1957
CLIFFORD K. MARTIN, B.S., M.S., University of Kentucky, 1955, 1956
DANIEL MARTIN HENRY SIMPSON, B.S., 1953
PHILLIP WAYNE WATKINS, B.S., University of Tennessee, 1956; M.S., 1959

In Animal Science

LEROY JEROME HIRSCH, B.S., Roosevelt University, 1953; M.S., 1955
JAMES TERRILL TOLLETT, B.S.A., M.S., University of Arkansas, 1957, 1958

In Botany

RAJNI VARMA GOVINDJEE, B.S., M.S., University of Allahabad, 1953, 1955
ANTHONY EUGENE LIBERTA, A.B., Knox College, 1955; M.S., 1959
HENRY WILLIAM RADLOFF, JR., B.S., Elmhurst College, 1952; M.S., 1953

In Business

WARNER OTTO BRANDENBURG, B.S., Northwestern University, 1937; Graduate,
United States Air Force Institute of Technology, 1953; M.S., 1960

In Ceramic Engineering

CLIFTON GEORGE BERGERON, B.S., M.S., 1950, 1959
GENE HENRY HAERTLING, B.S., University of Missouri School of Mines and
Metallurgy, 1954; M.S., 1960

In Chemical Engineering

GLEN FRANCIS CRUM, B.S., M.S., 1948, 1958
DAVID WALSH GREGG, A.B., Dartmouth College, 1957; M.S., 1959
JOHN WINDSOR HARDING, B.S., M.S., 1954, 1959
ROBERT ERNST JOHNK, B.S., University of Missouri, 1947; M.S., 1957
JOHN CLARENCE ZAHNER, B.S., M.S., 1956, 1959

In Chemistry

WILLIAM EDWARD ADCOCK, A.B., Millikin University, 1957; A.M., 1959
HARRY BABAD, B.S., Polytechnic Institute of Brooklyn, 1956; M.S., 1961
JAMES RICHARD BUCK, B.S., University of California (Berkeley), 1957
WESLEY GEORGE BENTRUBE, B.S., Iowa State University, 1957
VERNON CECIL BODE, B.S., University of Missouri, 1955
ALICE JEAN BURTON, B.S., University of Michigan, 1957
JOHN ROBERT CARSON, B.S., University of Nebraska, 1957
DONALD LAVENNE DE VRIES, A.B., Hope College, 1957
EDWARD JOE FRITZHAUP, B.S., Kent State University, 1958; M.S., 1960
JAMES CAMERON HILL, B.S., Northwestern State College (Louisiana), 1957;
M.S., 1960
JAMES EDWARD HUHEEY, B.S., University of Cincinnati, 1957; M.S., 1959
RICHARD KARL KURZ, B.S., St. John Fisher College, 1957
In Civil Engineering

Juan Casillas Garcia de Leon, C.E., University of Mexico, 1953; M.S., 1957
William Gene Corley, B.S., M.S., 1958, 1960
Henry Albert Rawdon de Paiva, B.S., University of Alberta, 1955; M.S., 1960
Peter George Holdley, B.S., Duke University, 1957; M.S., 1960
John Wendle Hutchinson, B.S., M.S., 1951, 1954
Harrison Kane, B.C.E., College of the City of New York, 1947; M.S., Columbia University, 1948
David James Laurie Kennedy, A.B., University of Toronto, 1951; M.S., 1952
John William Melin, B.S., Rose Polytechnic Institute, 1954; M.S., 1956
Chap Oran, M.S., Technological University of Istanbul, 1953
Edward Oscar Prang, B.S.E., University of Connecticut, 1951; M.Eng., Yale University, 1952
Bruce George Rogers, B.S., University of Houston, 1957; M.S., 1958
Raymond Ernest Untrager, B.S., Iowa State University, 1948; M.S., University of Colorado, 1951
John Henry Wiggins, Jr., B.S., Stanford University, 1953; M.S., St. Louis University, 1955
James Tsu-Ping Yao, B.S., M.S., 1957, 1958

In Communications

William Jackson Lord, Jr., B.B.A., M.B.A., University of Texas, 1950, 1953

In Dairy Technology

Ashok Sekhar Ganguly, B.S., University of Bombay, 1956; M.S., 1959

In Economics

Winston Clingan Beard, A.B., Ouachita Baptist College, 1953; M.B.A., University of Arkansas, 1954
Donald Dean Shuford, A.B., A.M., 1953, 1955
John Clair Thompson, A.B., 1954; M.B.A., Harvard University, 1956

In Education

David Henry Gliessman, A.B., Elmhurst College, 1950; M.S., Purdue University, 1952
Audrey Jean Gruppe, B.S., Illinois State Normal University, 1951; M.S., 1955
Theodore Kaltshounis, A.B., McPherson College, 1956; A.M., University of Wichita, 1959
Willis Lorenzo King, B.R.E., Atlantic Union College, 1932; A.M., Clark University, 1934
Thomas Frank Linde, A.B., Ripon College, 1956; A.M., 1957
Anna Khatoon Syed, A.B., A.M., University of Punjab, 1949, 1951; A.M., Stanford University, 1957

In Electrical Engineering

Albert George Englehardt, B.A.Sc., University of Toronto, 1958; M.S., 1959
Hsiaojong Ma, B.S., Chiao Tung University, 1937; M.S., 1956
John Ludwig Muehl, B.S., M.S., 1953, 1954
JOSEPH JEROME STAFFORD, B.S., M.S., 1957, 1958
CHANG HSI SUN, B.Eng., National Tsang Hua University, 1939; M.S., Washington University, 1949
CLAY DAVID WESTLUND, B.S., M.S., University of Utah, 1949, 1950
SIR-SANG YAU, B.S., National Taiwan University, 1956; M.S., 1959

In English
LEE THOMAS LEMON, B.S., St. Louis University, 1951; A.M., Southern Illinois University, 1952
HOWARD KENNETH NIXON, JR., A.B., Columbia University, 1950; A.M., 1952

In Entomology
RICHARD JAMES DYSART, B.S., 1954
JOHN MARK KINGSOLVER, B.S., Purdue University, 1951; M.S., 1956
JAMES PHILLIP KRAMER, B.S., Beloit College, 1950; M.S., University of Missouri, 1952
ROY EARL McLAUGHLIN, B.S., M.S., 1954, 1959

In Food Technology
JOSEPH GEORGE ENDEES, B.S., 1955
DONG HUN KIM, B.S., M.S., Seoul National University, 1954, 1957
WILLIAM EMMETT MARSHALL, JR., B.S., M.S., 1957, 1959
JOHN NORMAN MCGILL, B.S., M.S., 1955, 1957
KENNETH SIDNEY TENNY, B.S., M.S., 1956, 1957

In Geology
CHARLES VALENTINE CLEMENCY, B.S., Polytechnic Institute of Brooklyn, 1930; M.S., New York University, 1958
ARTHUR MERKEL HUSSY II, B.S., Pennsylvania State University, 1954
WILLIAM JOHN METZGER, B.S., Beloit College, 1957; M.S., 1959
EUGENE ALAN MORRIS, B.S., University of Wisconsin, 1955; M.S., 1959
NORMAN JOHN PAGE, A.B., University of Oxford, 1957; M.S., 1960
ERNEST WILLIAM PEIKERT, A.B., University of Minnesota, 1956; A.M., University of California (Berkeley), 1958
RUSSEL ALLEN PEPPERS, B.S., M.S., 1957, 1959
EDWARD FRANKLIN SHOVER, A.B., Princeton University, 1957
WILLIAM CALHOUN SMITH, A.B., A.M., University of Missouri, 1938, 1940
CHARLES ARNOLD SORRELL, A.B., M.S., Miami University, 1957, 1958
KENNETH McCARN TOWE, A.B., Duke University, 1956; M.S., Brown University, 1959
DAVID KNOWLTON WEBB, JR., B.S., Ohio University, 1957; M.S., 1959
ROGER GLEN WOLFF, B.S., South Dakota School of Mines and Technology, 1952; M.S., 1960

In History
RAYMOND FRANCIS BERN, A.B., New York University, 1956; A.M., 1957
ROBERT EDMUND ELKIN, A.B., Illinois College, 1949; A.M., 1953
PETER JOHN KING, A.B., University of Cambridge, 1957; A.M., 1958
HUGH JAMES SAVAGE, A.B., A.M., Roosevelt University, 1950, 1954

In Italian

In Library Science
JOHN JORG BOLL, A.B., Union College, 1942; M.S., Columbia University, 1949
EDWARD GAILON HOLLEY, A.B., David Lipscomb College, 1949; A.M., George Peabody College, 1951

In Mathematics
SATYANARAYAN RAO CHANNAPRACADA, B.S., M.S., 1956, 1957
HENRY FRANDSEN, B.S., M.S., 1957, 1959
JAMES HORACE GILLIAN, A.B., A.M., University of Missouri, 1954, 1955
CHARLES FREDERICK KOCH, B.S., Union College, 1953; M.S., 1957
NANCY JIM POXON, A.B., A.M., Rice University, 1943, 1949
In Mechanical Engineering

Harry Karl Ihrig, Jr., B.S., Swarthmore College, 1951; M.S.E., Princeton University, 1956
James Parker Lamb, Jr., B.M.E., Alabama Polytechnic Institute, 1954; M.S., 1958
Edward Kay Matthews, B.S., Massachusetts Institute of Technology, 1952; M.S., 1955
Thomas James Mueller, B.S., Illinois Institute of Technology, 1956; M.S., 1958

In Metallurgical Engineering

William Edward Heitmann, B.S., M.S., 1953, 1955
James Alan Mulledore, B.S., M.S., University of Wisconsin, 1954, 1955
Priti Paban Sinha, B.Eng., University of Calcutta, 1954; M.S., 1957

In Microbiology

Escole Canale-Parela, B.S., M.S., 1956, 1957

In Philosophy


In Physical Education

Ronald Gordon Knowlton, A.B., Oberlin College, 1954; M.S., 1957

In Physics

Robert H.B.W.S. Hobart, Jr., B.S., Massachusetts Institute of Technology, 1954; M.S., Stanford University, 1955
Murray Muraskin, B.S., Massachusetts Institute of Technology, 1957; M.S., 1958
Thomas George Nolan, B.S., Columbia University, 1950; M.S., 1956
William Howard Rosenfeld, B.S., M.S., University of Chicago, 1947, 1950

In Physiology

Marjory Beth Murphy, A.B., Nebraska Wesleyan University, 1947; A.M., University of Colorado, 1953
Richard Alan Nystrom, B.S., Tufts College, 1957; M.S., 1960

In Plant Pathology

Jerald Ward Bushong, A.B., Miami University, 1957; M.S., 1959

In Political Science

Sungjoon Jun, A.B., Korea University, 1953; A.M., University of Tennessee, 1957

In Psychology

Daniel Vincent Caputo, A.B., Brooklyn College, 1954
Dean Kenneth Prophlick, A.B., University of Michigan, 1953
Herbert Carlton Haywood, A.B., A.M., San Diego State College, 1956, 1957
Alan Robert Koen, B.S., Union College, 1950; A.M., 1959
James Francis Lomont, A.B., DePauw University, 1953; M.S., University of Wisconsin, 1954
Jack Thomas Tapp, B.S., A.M., 1956, 1958
Donald Lloyd Tollefson, A.B., DePauw University, 1953; A.M., 1955

In Sociology

Friza Sophie Magdalene Stute, A.B., DePaul University, 1947; A.M., University of Chicago, 1951

In Speech

Vincent Michael Bevilacqua, A.B., A.M., Emerson College, 1957, 1958
Fanny Jane Blankenship, A.B., University of Akron, 1956; A.M., 1957
Richard Allen Hoops, A.B., Oberlin College, 1954; M.S., 1956
In Theoretical and Applied Mechanics

Thomas Allan McCready, B.S., United States Naval Academy, 1953; M.S., United States Air Force Institute of Technology, 1956
Paul Eugene Wilson, B.S., M.S., University of Kansas, 1957, 1959

In Veterinary Medical Science

Harry Everett Walburg, Jr., A.B., Dartmouth College, 1953; D.V.M., University of Georgia, 1958

In Zoology

Ralph Alvin Jersild, Jr., A.B., St. Olaf College, 1953; M.S., 1957
Phillip Lee Young, B.S., Prairie View Agricultural and Mechanical College, 1950; M.S., 1954

Degree of Doctor of Education

In Education

William Thomas Carse, B.S., M.S., North Texas State College, 1950, 1951
James Harvey Dodds, Jr., B.S., M.S., Northern Illinois University, 1949, 1953
William Jimmerson Holloway, B.S., Hampton Institute, 1940; A.M., University of Michigan, 1946
Dean Trembly, A.B., A.M., Colorado College, 1933, 1946

In Music Education

Walter Boleslav Duda, B.Ed., Northern Illinois University, 1942; M.Mus., Illinois Wesleyan University, 1946
Homer Eugene Garretson, B.S., B.Mus., Morningside College, 1942, 1947; M.Mus., Eastman School of Music, 1948

Degree of Doctor of Musical Arts

Calvert Bean, Jr., B.Mus., Eastman School of Music, 1949; M.Mus., 1954
Philip Marion Slates, B.Mus., M.Mus., Eastman School of Music, 1947, 1948
David Ward-Steinman, B.Mus., Florida State University, 1957; M.Mus., 1958

Degree of Master of Arts

In Anthropology

John Philip Wilson, B.S., 1958

In Art History

Evelyn Dohen Hovde, A.B., University of South Dakota, 1935

In Chemistry

Charles Robbins Arnoul, A.B., Blackburn College, 1955

In Classics

Helen Matulunas Naoumides, A.B., New York University, 1959

In Dance

Elta Iris Urpalainen, Teacher of Physical Education, University of Helsinki, 1957

In Economics

Karen Christianson Holloway, A.B., Swarthmore College, 1957
Horace Webster Mickens, B.S., 1959
Keith Trace, A.B., University of Nottingham, 1959

In Education

Dale Edward Mattson, A.B., Colorado College, 1959

In English

Lynette Fat Barry, A.B., 1960
Susan Mosher Bauer, A.B., 1960
Sarah Blacher, A.B., 1958

Frances Barbara Cerny, A.B., Coe College, 1960

James Speros Coulis, A.B., 1955

Denis George Donovan, B.S., Illinois State Normal University, 1959

Thomas Walsh Groutt, B.S., John Carroll University, 1958

John Joseph Haggerty, B.S., University of Scranton, 1959

Angela Vincenta Kable, A.B., St. Xavier College, 1959

Robert Dunham Kuenzi, A.B., DePauw University, 1954

Gordon Dean Long, A.B., 1960

Ann Rogers McGuire, A.B., Illinois Wesleyan University, 1959

Mary Elizabeth Merrill, A.B., Principia College, 1950; A.M., University of North Carolina, 1956

Robert Dunham Kuenzi, A.B., DePauw University, 1954

Gordon Dean Long, A.B., 1960

Myra Bloxom Nagel, B.S., 1956

Constance Grover NeJame, A.B., Harpur College, 1958

Judith May Newton, A.B., College of the Pacific, 1960

Karen Frances Sgro, A.B., 1939

In French

Carole Ann McNamara, A.B., Illinois College, 1959

Gabriel Marius Savignon, Certificate, University of Grenoble, 1955; A.M., Southern Illinois University, 1959

Francis Claude Valette, A.B., Quincy College, 1959

In Geography

Rainer Rudolf Erhart, A.B., Eastern Michigan University, 1959

Ralph McLean Gerrard, B.S., 1960

Robert Timothy Moline, A.B., Augustana College, 1955

Albert Bormann

John Michael Troianiowicz, A.B., University of Michigan, 1960

In History

Robert Max Berdahl, A.B., Augustana College, 1959

Richard Lawrence Capez, A.B., North Central College, 1959

John Dagres, A.B., DePauw University, 1959

Julius Paul Slavenas, A.B., 1959

Loleta Marlene Sneary, A.B., Millikin University, 1958

Richard Allen Swanson, A.B., 1958

In Labor and Industrial Relations

Marvin Balowitz, A.B., Brooklyn College, 1957

Edward James Flynn, B.B.A., St. John's University, 1959

Daniel Goldberg, A.B., Brooklyn College, 1958

Harold Wayne Hansen, A.B., Concordia College, 1955

Edward Francis McCallum, A.B., William Jewell College, 1959

Glenn Michael Parker, A.B., College of the City of New York, 1959

Robert Jerome Scanlon, B.S., 1959

In Latin

Avery Vincent Wolfrum, Jr., A.B., Ed.M., Loyola University, 1947, 1951

In Linguistics

Vera Stanic Killian, Graduate, University of Belgrade, 1954

In Mathematics

Robert Bruce Bendel, B.S., 1959

Judith Hoffman Brock, B.S., 1959

Oliver Robert Brown, Jr., A.B., Oberlin College, 1959

John Gerard Harrington, B.S., University of Massachusetts, 1959

Morrell Tong, A.B., University of California (Berkeley), 1960

Ernest Eugene Underwood, A.B., Montana State University, 1957
In Philosophy

HOWARD FRANKLIN CROMBIE, A.B., 1955
GILBERT LORENZ, JR., A.B., 1958
EILEEN McWILLIAMS MIECH, B.S., 1960

In Political Science

THOMAS WALTER SHIGALIS, B.S., 1960

In Psychology

JAMES WORRELL BABR, JR., B.S., 1952
WILLIAM JUDSON KING, A.B., State University of Iowa, 1956
EMANUEL ANTHONY LASE, B.S., University of South Carolina, 1957
PETER ANTHONY MAGARO, B.S., Pennsylvania State University, 1959
ROBERT SAMUEL NEMO, A.B., Ohio State University, 1959
GERALDINE KOMOSA PIORKOWSKI, B.S., 1958
WILLARD EUGENE REITZ, B.S., Pennsylvania State University, 1959
ALBERT SACH ROUDWAN, A.B., Wayne State University, 1957
DONALD FRANCIS TAYTO, B.S., A.B., Florida Southern College, 1956, 1959
DANIEL JAMES WEINTRAUB, A.B., Dartmouth College, 1954

In Social Sciences

KOKAB KHOSHRAF FARSHE, A.B., Wheaton College, 1959
ROBERT DEE RICHEY, B.S., Illinois State Normal University, 1957
ELINOR LOUISE WEAVER, A.B., Bethel College, 1959

In Sociology

KATHLEEN ANN ARCHIBALD, A.B., University of British Columbia, 1957
CHARLES WILLIAM DEAN, A.B., Asbury College, 1953; B.D., Louisville Presbyterian Theological Seminary, 1957

In Spanish

NANCY LOU DESSLER, A.B., Marietta College, 1959
Marilyn Rose Bolan, A.B., University of Wisconsin, 1959
Joshua Rieff Boyd, Jr., A.B., Berea College, 1959
John Frank Garganigo, A.B., Iona College, 1959
Shirley Jean Gott, B.S., Southwest Missouri State College, 1959
Robert James Heksema, A.B., Hope College, 1958
Esteban Lendinez, A.B., Kalamazoo College, 1959
Albert R. Maloney, B.S., Illinois State Normal University, 1959
Elizabeth Jean Moffett, A.B., Wheaton College, 1948
Claire Lefouge Olson, A.B., University of Tulsa, 1959
Judith Joy Zeleinka, A.B., University of Omaha, 1956

In Speech

Georgia Norton Jordan, A.B., 1960
Norman Aaron Newberg, A.B., Temple University, 1957
Jerry Lee Twiet, A.B., Luther College, 1957

In Statistics

Richard Michael Brugger, B.S., 1960
Sharon Smith Wolfe, B.S., 1958

In the Teaching of English

Marcia Ann Hediger, A.B., 1959

In the Teaching of Social Studies

Richard Fowler Casper, A.B., 1949
Selby Phillip Klein, A.B., 1960
Deborah Hanson Sreten, A.B., 1959
David Lynn Snowden, A.B., 1959
Degree of Master of Science

In Accountancy

Hong-Po Chen, A.B., National Taiwan University, 1958
Peng-Siyang Luh, A.B., National Taiwan University, 1957
Mohamed Emd Moustafa, B.Com., Cairo University, 1956

In Advertising

Emma Madarang Maceda, B.Litt., University of Santo Tomas, 1958

In Aeronautical Engineering

Robert Peter Andreis, B.S., 1959
Charles Thomas Case, B.S., 1960

In Agricultural Economics

Ritchie G. Barnett, B.S., 1959
Robert Newburn Hagemeyer, B.S., 1957
Vishnu Prasad Shukla, B.S., Nagpur University, 1949; A.M., LL.B., University of Saugar, 1951, 1952

In Agricultural Engineering

Maurice Leon Paul, B.S., 1957
John Wayne Pinkerton, B.S., Iowa State University, 1959
Charles James Ricketts, B.S., 1959

In Agronomy

George Frederick Hall, B.S., 1959
Roger Lee Higgins, B.S., 1960
James Earl Hurst, B.S., 1960
Hsu-shien Wang, B.S., National Taiwan University, 1956

In Animal Science

Thomas Hart Berry, B.S., Murray State College, 1959
Blaine Blair Breidenstein, B.S., 1959
William Ronald Usborne, B.S., Cornell University, 1959

In Architectural Engineering

Angeles Gust Thrapsimis, B.S., University of Cincinnati, 1960

In Biological Sciences

Dolores Ann Costello, A.B., Illinois College, 1959
Louise Helen Lange, B.S., Wheaton College, 1959

In Botany

Harold Edward Balbach, B.Ed., Chicago Teachers College, 1959
Ralph Edward Good, B.S., 1960
Barbara Jean Kieckhefer, B.S., University of Wisconsin, 1959

In Chemical Engineering

William Henry Bentley, B.S., University of Alabama, 1959
Bernard Patrick Brennan, B.Ch.E., University of Dayton, 1959
David Bruce Kirby, B.Ch.E., Clarkson College of Technology, 1958
Bilal Mohamed Riggleman, B.S., West Virginia University, 1959
Sadao Tanimoto, B.S., Kyoto University, 1957

In Chemistry

William Joseph Birkmeier, B.S., University of Dayton, 1959
Robert Lee Booth, A.B., Indiana State Teachers College, 1955
Rodney Lee Buckson, A.B., The College of Wooster, 1957
Gust Ya Chow, B.S., Marymount College, 1959
Victor Clebon, B.S., College of the City of New York, 1959
Jeremiah Richard Fox, B.S., University of Wisconsin, 1954
Eugene Bingham Humphrey, A.B., Central College, 1958
In City Planning

GOPAL KRISHNA CHOUDHURY, B.Arch., University of Calcutta, 1956; M.Arch., 1959
RONALD EDMUND KALISZEWSKI, B.Arch., Illinois Institute of Technology, 1955
AHMAD UR RAHMAN, B.S., University of Panjab, 1955; Certificate, School of Architecture (London), 1958

In Civil Engineering

ABDEL MUNEM OSMAN ABDUL-SAMAD, B.C.E., Ein Shams University, 1957
HIDEHICO ABE, B.S., University of Tokyo, 1954
ADNAN SHEHABEH AWAD, B.S., 1961
TED EUGENE BISHOP, B.S., United States Military Academy, 1955
MOHAMED MOHAMED KHEIR BIZEM, B.Arch., Cairo University, 1951
ALFRED AUGUST BOWALD, B.S., 1954
JOSE RAFAEL CAFÉ-LÓPEZ, B.S., University of Puerto Rico, 1957
JOHN BRENTON CARLISLE, B.S., 1960
WILLIAM FINCH CARROLL, B.S., United States Military Academy, 1957
WILLIAM EMMITT CHASTAIN, JR., B.S., 1959
RICHARD LEE CURL, B.S., United States Military Academy, 1956
BRAD EDMUND WESLEY DOWSE, A.B., University of Dublin, 1960
THOMAS DVMOCK, B.S., University of Edinburgh, 1948
GEORGE FREDERICK FRANCIS, B.S., United States Naval Academy, 1955
WILLIAM WILLIAM GADSBY, Higher National Cert., Brixton School of Building and Structural Engineering, 1957
WILLIAM LEON GAMBIE, B.S., Kansas State University, 1959
ROGER KENNETH GIESKE, B.S., Drexel Institute of Technology, 1959
ALLISON GILBERT GLOVER, B.S., Virginia Polytechnic Institute, 1951; B.S., 1957
CHARLES DENNIS GRIGG, B.S., 1960
JOHN EUGENE HARP, B.S., Massachusetts Institute of Technology, 1959
WILLIAM LEE HARTFORD, B.S., Massachusetts Institute of Technology, 1954
ERVIN DAVID HERRING, B.S., University of Wisconsin, 1960
ROBERT MILLARD HILL, B.S., 1960
BRIT KRISHEN KAUL, B.Eng., University of Baroda, 1954; M.Eng., Panjab University, 1958
GUINARS KILPE, B.C.E., University of Dayton, 1956
GEOFFREY LUTHER KULAK, B.S., University of Alberta, 1958
EDMUND CLARENCE LANGMEAD, JR., B.S., Saint Lawrence University, 1953; B.C.E.
Rensselaer Polytechnic Institute, 1953
RICHARD FRED LANYON, B.S., 1960
FELIX FRANK LABUR, B.S., University of Toronto, 1959
RODOLFO LUTHE GARCIA, C.E., National University of Mexico, 1960
JACK CHARLES MARCELLUS, B.S., 1960
TERRY RICHARD MASTERS, B.S., 1960
BRIAN ROBERTSON MCKENNA, B.S., University of London, 1953
In Commercial Teaching

PATRICIA JOYCE ANDERSON, B.S., 1957

In Dairy Science

RALPH VALDEMAR JOHNSON, B.S., 1948

In Economics

ROBERT CHANDLER KNOWLES, A.B., University of California (Los Angeles), 1935

HARVEY EDGAR RYDER, JR., B.S., 1960

In Electrical Engineering

CHUSHIN APUSO, B.Eng., Yokohama National University, 1956

James Edward Degenford, B.S., 1960

George Gilmore Dodd, B.S., University of Kansas, 1960

Charles Randall Doty, Jr., B.S., Lafayette College, 1957

Robert John Erickson, B.Mus., Millikin University, 1953; B.S., 1960

In Education

ERWIN JULIAN FRANCO, B.S., 1960

In the Education of Mentally Handicapped Children

Ki-Chung Ko, LL.B., National Fuh Tan University, 1947

In Dairy Science

RALPH VALDEMAR JOHNSON, B.S., 1948

In Economics

ROBERT CHANDLER KNOWLES, A.B., University of California (Los Angeles), 1935

HARVEY EDGAR RYDER, JR., B.S., 1960

In Electrical Engineering

CHUSHIN APUSO, B.Eng., Yokohama National University, 1956

Robert Roy Anderson, B.S., 1960

Vijay Swarup Bansal, B.S., Aligarh Muslim University, 1956

Sheldon Theodore Becker, B.S., 1960

Paul Dean Bowman

Alfred Cho, B.S., 1960

In Education

ERWIN JULIAN FRANCO, B.S., 1960

In the Education of Mentally Handicapped Children

Ki-Chung Ko, LL.B., National Fuh Tan University, 1947

In Electrical Engineering

CHUSHIN APUSO, B.Eng., Yokohama National University, 1956

Robert Roy Anderson, B.S., 1960

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Sheldon Theodore Becker, B.S., 1960

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CHUSHIN APUSO, B.Eng., Yokohama National University, 1956

Robert Roy Anderson, B.S., 1960

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CHUSHIN APUSO, B.Eng., Yokohama National University, 1956

Robert Roy Anderson, B.S., 1960

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Sheldon Theodore Becker, B.S., 1960

Paul Dean Bowman

Alfred Cho, B.S., 1960

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CHUSHIN APUSO, B.Eng., Yokohama National University, 1956

Robert Roy Anderson, B.S., 1960

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CHUSHIN APUSO, B.Eng., Yokohama National University, 1956

Robert Roy Anderson, B.S., 1960

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Paul Dean Bowman

Alfred Cho, B.S., 1960

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CHUSHIN APUSO, B.Eng., Yokohama National University, 1956

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Vijay Swarup Bansal, B.S., Aligarh Muslim University, 1956

Sheldon Theodore Becker, B.S., 1960

Paul Dean Bowman

Alfred Cho, B.S., 1960

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ERWIN JULIAN FRANCO, B.S., 1960

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Ki-Chung Ko, LL.B., National Fuh Tan University, 1947

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CHUSHIN APUSO, B.Eng., Yokohama National University, 1956

Robert Roy Anderson, B.S., 1960

Vijay Swarup Bansal, B.S., Aligarh Muslim University, 1956

Sheldon Theodore Becker, B.S., 1960

Paul Dean Bowman

Alfred Cho, B.S., 1960

In Education

ERWIN JULIAN FRANCO, B.S., 1960

In the Education of Mentally Handicapped Children

Ki-Chung Ko, LL.B., National Fuh Tan University, 1947
Eugene Everett Hanson, B.S., Michigan State University, 1957
William Stanley Hinds, B.S., 1960
Robert Alfred Hoffswell, A.B., St. Joseph’s College, 1959
Ronald Charles Johnson, B.S., 1960
Stephen James Kahne, B.E.E., Cornell University, 1960
Eugene Franklin Kalley, B.S., 1960
Kurt Lee James Karlinsey, Jr., B.Eng.Sc., Brigham Young University, 1960
Gerry Lee V. Kelly, B.S., University of Kansas, 1960
Delos Thomas Kittow, B.S., 1960
William Edward Kunz, B.S., 1960
Charles Nelson Lyon, Jr., B.S., 1960
Frank Joseph Mahoney III, B.E.E., George Washington University, 1960
Nares K. Mathur, A.B., University of Delhi, 1955; Diploma, Indian Institute of Science, 1958
K. Chang Oh, B.S., 1956
Raymond Joseph Palciauskas, B.S., 1959
Arvindkumar Mutibhai Patel, B.Eng., Sardar Vallabhbhai Vidyapeeth, 1959
Levin Jasper Lee, Jr., B.S., 1959
John William Pennington, B.S., 1960
John Ferdinand Petersen, B.S., Iowa State University, 1954
Kurt John Ronald Potts, B.S., Iowa State University, 1954
Roger Allen Pyatt, A.B., 1960
Francois Michel Rostas, Diploma, Ecole Superieure de Physique et de Chimie Industrielles, 1958
John Kenneth Russell, B.S., Carnegie Institute of Technology, 1958
Gerald John Samos, B.S., United States Military Academy, 1955
Charles Noel Dupont Smith, B.S., United States Naval Academy, 1954
Edward Clayton Straub, B.S., United States Naval Academy, 1955
Mahavir Singh Surana, B.Eng., University of Rajasthan, 1959
Roger Moffet Whitson, B.S., 1960

In Entomology

Angel Bevies-Ortiz, B.S., University of Puerto Rico, 1957
William Bryant Cutts, A.B., Harvard College, 1959
Richard Harry Storch, A.B., Carleton College, 1959

In Finance

Arnold Irwin Alpert, A.B., Grinnell College, 1958
Donald Walter Branz, B.S., 1958
Campbell King Evans, B.S., 1959
Robert Miles Philbrook, Jr., B.S., B.S., 1957, 1960

In Food Technology

Gregory Bruce Clarke, B.S., University of Massachusetts, 1959
Murray Jaye, B.A., University of Georgia, 1959
Elisabeth Ann Pelcher, B.S., 1958

In Geology

Peter Fenner, B.S., College of the City of New York, 1959
Gary Walker Horton, B.S., Columbia University, 1959
William Milton Johnson, A.B., Earlham College, 1956
Elliott Arthur Riggs, B.S., M.S., University of Wisconsin, 1951, 1953
John Beaufort Tubb, Jr., B.S., Southwestern Louisiana Institute, 1959
Francis John Wobber, B.S., University of Dayton, 1959

In Health Education

Michael Anthony Carrera, B.S., Manhattan College, 1959
David Giedt, Hemme, B.S., State University of New York State Teachers College (Cortland), 1958
Seymour Lerner, A.B., Hunter College of the City of New York, 1958

In Home Economics

Cleda Auger, B.S., Utah State University, 1947
Patricia Cunningham Bevilacqua, B.S., 1959
In Home Economics Education

Ruth Louise McNabb Dow, B.S., 1956

In Horticulture

David Eugene Hartley, B.S., 1959

In Journalism

Janet Andrea LaChance, A.B., University of New Hampshire, 1959

In Library Science

Jan Yatsuko Akira, A.B., University of California (Los Angeles), 1960
Margaret Jocelyn Armstrong, A.B., University of New Zealand, 1957
Lucy Elaine Baker, B.S., 1960
Jane Frances Baumbach, A.B., University of Wisconsin, 1960
Betty Canfield Black, A.B., 1959
Judith Anne Bridges, A.B., University of Florida, 1959
Terence William Cassidy, A.B., Park College, 1959
Clara Elizabeth Castelo, A.B., 1947
Elizabeth Chambers, A.B., University of Cincinnati, 1938; B.S., 1941; A.M., Berkeley Baptist Divinity School, 1954
James L. Copas, A.B., A.M., Montana State University, 1949, 1950
Mary Ann Crawford, B.S., Southern Illinois University, 1960
Rhoda Romona Engel, A.B., Monmouth College, 1957
Elizaeta Jean Ewbank, B.S., Southern Illinois University, 1950
Barbara Ann Ferguson, A.B., University of Richmond, 1960
Donald Leroy Foster, B.Mus., M.Mus., DePaul University, 1950, 1953
John Eldred Frey, B.Ed., Wisconsin State College (Whitewater), 1957; A.M., State University of Iowa, 1960
Robert Stevens Fuller, B.S., Maryville College, 1952
Margaret Jean Hagger, A.B., University of Melbourne, 1950
Martha Fayre Hammersley, B.S., Butler University, 1959
Enna Frances Hartmann Hanna, A.B., 1953
Phyllis Jean Hansen, A.B., 1960
Elizabeth Ann Hopsas, B.Mus., Illinois Wesleyan University, 1958
Joseph Rudolph Johnson, B.S., Cuttington College and Divinity School, 1959
Lawrence Gilbert Kaufman, B.S., Loyola University, 1960
John Payson Kennedy, A.B., A.M., Emory University, 1954, 1959
Frederick James Kent, B.Mus., DePauw University, 1950; M.Mus., 1951
Andrew Lasslo, M.S., Ph.D., 1948, 1952
Shigeo Oshiro, A.B., George Peabody College for Teachers, 1957
Francis Joseph Paluka, Jr., A.B., Creighton University, 1950; A.M., University of Connecticut, 1952
Usula de Guzman Picache, B.S., University of Philippines, 1958
Jane Pool, A.B., North Texas State College, 1953
Normalization Catherine Richards, A.B., Marian College, 1960
Sister Mary Dorothy Borkholder, A.B., Loyola University, 1933; B.S., Our Lady of the Lake College, 1938; A.M., St. Louis University, 1941
David Alan Smith, A.B., Lawrence College, 1959
Barbara Hedwig Sonnenberg, A.B., College of Mount St. Joseph-on-the-Ohio, 1960
Urban James Steiner, A.B., St. John’s University, 1955
FRANKLIN SCOTT WYCHER, A.B., 1955
KATHLEEN GOODMAN WILLIAMS, A.B., Western Kentucky State College, 1952
VENETIA WEN-SHYA YANG, A.B., National Taiwan University, 1958

In Management
SI HAE CHO, B.Com., Korea University, 1957
GEORGE DAGOUD KANAWATY, B.S., Alexandria University, 1950
CHARLES LEONARD PHILLIPAD, B.S., 1960

In Marketing
EMANUELLE MARTINO, J.D., University of Palermo, 1956

In Mathematics
JEROME SIDNEY BECKER, B.S., 1950
RICHARD WILLIAM Blomme, B.S., 1960
RICHARD WAYNE HACKER, B.S., 1960
KENT HARRIS, B.S., Eastern Illinois University, 1959
YOW-MIN LEE, B.Com., Nihon University, 1955; M.B.A., Miami University, 1958
ALBERT ALKINS MULLIN, B.E.E., Syracuse University, 1955; M.S.(E.E.), Massachusetts Institute of Technology, 1957
MELVIN CHANDLER THORNTON, B.S., University of Nebraska, 1957

In Mechanical Engineering
ABDUL HAI ABAUCY, B.S., University of Wyoming, 1955
CHANDRA PRakash AGORA, B.S., Lucknow University, 1953; B.Eng., Roorkee University, 1956
JOHN OTTO BECKER, B.S., 1960
PAUL JOSEPH DURNING, B.S., University of Idaho, 1958
HERBERT J. EDOFS, B.S., 1957
ROGER WAYNE GALLINGTON, B.S., 1960
BORIS WESYL HRYKEWICZ, B.S., 1959
A-BEN HUANG, B.S., National Taiwan University, 1957
DONALD MAYNARD NAGEL, B.S., 1956
NARENDRA MANILAL PATEZ, B.S., University of Poona, 1959
MURRAY NICKLE PATTERSON, B.S., Queens University, 1958
ERNEST LEE PYNE, B.S., University of Idaho, 1954
JOSEPH RODER STROBE, B.S., 1960
BRICE SAUNDERS SUMNER, A.B., Harvard University, 1957
GLENN ROBERT SWARD, B.S., 1956
GILBERT LEROY WEDKIND, B.S., 1959
EDWARD LEON YELLIN, B.S., Colorado State University, 1959
WALLACE WAYNE YOUNGBLOOD, B.S., Evansville College, 1960

In Metallurgical Engineering
WALTER HENRY CLASS, B.Met.E., New York University, 1957
ROBERT WILLIAM HINTON, B.S., Lafayette College, 1959
VICTOR KERLIN, M.C.E., Colorado School of Mines, 1959
RICHARD LAWRENCE PATTERSON, B.S., Columbia University, 1959
JAMES STUART PERRIN, B.S., Massachusetts Institute of Technology, 1958
GERHARD KARL SUNE PERSSON, Engr., Royal Institute of Technology, 1954
LARRY EDWARD THOMAS, B.S., University of Arizona, 1959

In Music Education
EUGENE HERBERT ANTHONY, B.S., Northern Illinois University, 1953
SANDRA ELLEN BOTKIN, B.S., Ball State Teachers College, 1958
GEORGE ALFRED CAVANAGH, B.Mus., University of Rochester, 1960
JOHN WARD CROMBIE, B.S., Central Missouri State College, 1958
MELVIN RONNY FINK, B.Mus.Ed., 1960
DANIEL EDWARD FRIDLEY, B.Mus.Ed., Central College, 1957
MAURICE ALLEN JONES, B.S., 1960
MARJORIE MAE KLEIN, A.B., B.Ed., Whitworth College, 1945, 1951
DANIEL GEORGE MITCHELL, B.S., 1958
FRED WALTER NIKA, B.S., Illinois State Normal University, 1958
ROBERT WALTER PLACEK, B.Mus., DePaul University, 1955
In Nuclear Engineering

MICHAEL GARM COLEMAN, B.S., 1960
KARL HORNYIK, Diplom-Ingenier, Vienna Institute of Technology, 1960
EVERETTE SANFORD PARKINS, B.S., United States Military Academy, 1951; M.S., 1961

In Physical Education

WILLIAM JAMES FANNING, A.B., Buena Vista College, 1951
JACK LEE PHILLIPS, B.S., Southeast Missouri State College, 1960
CAROLYN VIRGINIA SWANSON, B.S., Wheaton College, 1954

In Physics

ROBERT JAY ABRAMS, B.S., Illinois Institute of Technology, 1959
GORDON WOOD ANDERSON, B.E.E., Cornell University, 1959
RICHARD JAMES BURTON, B.S., 1960
JAMES HOFFMAN BUTLER, B.S., Case Institute of Technology, 1957
WAYNE ELBERT CARR, B.S., Washington University, 1960
THOMAS EDWARD EDGAR, B.S., Eastern Illinois University, 1959
FRANK ANDREW FRANZ, B.S., Lafayette College, 1959
WILLIAM MAURICE GOLDEN, B.S., 1959
Dennis McCann HILL, B.S., Eastern Illinois University, 1960
MICHIO KITAYAMA, B.S., Cert., Okayama University, 1955, 1956
MICHAEL ALFRED LEVINE, B.S., California Institute of Technology, 1960
WILLIAM WHITNEY MARTIN, B.S., Muskingum College, 1959
STEPHEN GRAHAM MCCARTHY, A.B., Harvard College, 1959
RAYMOND CHARLES MIKKELSON, A.B., St. Olaf College, 1959
MATT MIKKOR, B.A.Sc, University of Toronto, 1959
YALE DAVID NALIBOFF, A.B., San Diego State College, 1959
JON ROLAND NANCE, B.S., University of Missouri School of Mines and Metallurgy, 1960
STANLEY JOHN RUDNICK, B.S., Northwestern University, 1959
STEVEN VINSON STEPHENS, B.S., California Institute of Technology, 1960
DAVID JAMES VANDAVEER, A.B., DePauw University, 1959
ROBERT LEROY WAX, B.S., California Institute of Technology, 1960
BRENT MERLE WEDDING, A.B., Hamilton College, 1958
LEROY BERNARD WENTZ, B.S., University of Nevada, 1959
ALFRED YIU-FAL WONG, B.A.Sc, A.M., University of Toronto, 1958, 1959

In Physiology

ROLAND MOHLER BAGBY, A.B., Austin College, 1959
ELAINE JOY GERSON, B.S., Brooklyn College, 1959
REDMOND PRINDIVILLE HOGAN III, A.B., Northwestern University, 1960
EDWARD DAVID LASH, B.S., College of the City of New York, 1959
JAMES CARLTON MITTLER, B.S., University of New Mexico, 1956
PHYLLIS GABNA VOY, B.S., 1959

In Plant Pathology

HERLEY CURRY THOMPSON, B.S., 1960

In Radio and Television

CHARLES FRANCIS CREMER, A.B., Loras College, 1951

In Recreation

HERBERT WEBER, B.S., College of the City of New York, 1956

In Speech Correction

ROBERT MORGAN MASON, A.B., Denison University, 1959
In the Teaching of Biological Sciences and General Science

George Arthur Fischer, B.S., 1960
Marcus Lloyd Grice, Jr., B.S., 1960
Paul George Koulmik, B.S., 1959
Linda Lee Lingle, B.S., 1960
Charlene Ellice Prasse, B.S., 1959

In the Teaching of Chemistry

Roger Kent Bunting, B.S., 1958

In the Teaching of Mathematics

James Frederick Dilworth, B.S., University of Georgia, 1952
Paul Leo Huttenhoff, B.S., 1960
Donald Edward Jackson, B.S., 1958
Richard Reese Lewis, A.B., 1951
Richard Milton Meyer, B.S., Michigan State University, 1953
Ronald Duane Szoke, B.S., Illinois State Normal University, 1956

In the Teaching of Physical Sciences

Alexis Timothy Mogill, A.B., Knox College, 1960

In the Teaching of Physics

Robert Paul Godwin, A.B., DePauw University, 1959

In Theoretical and Applied Mechanics

Richard Bolton, B.S., 1960
Robert Henry Bryant, B.S., 1959
William Howard Collins, B.S., 1960
Gary Ross Halford, B.S., 1960
Richard William Hradek, B.S., M.S., State University of Iowa, 1956, 1958
Donald C. Huffer, B.S., 1960
Ronald Thaddeus Strugielski, B.S., 1959
Louis Carson Wagner, Jr., B.S., United States Military Academy, 1954

In Veterinary Medical Science

Indira Gupta, B.V.S., Bengal Veterinary College, 1955
Roshan Lal Kaushal, Diploma, Punjab Veterinary College, 1942
Mohinder Lall Mehta, B.V.S., Panjab University, 1951
Robert George Scholtens, B.S., D.V.M., Michigan State University, 1957, 1959

In Zoology

John Bursiewicz, B.S., Allegheny College, 1958
Jura Bernice Gelazius, B.S., 1960
Dean George Schneider, B.S., Mankato State College, 1958
Gretechan Marie Schwager, B.S., 1957
Kenneth Lee Williams, B.S., 1959

Degree of Master of Music

Jan Morris Bach, B.Mus., 1959
Edward Sanford Berry, Jr., B.Mus., 1956
Jack Lee Biggers, B.Mus., 1952
Robert Irving Packo, B.Mus., 1958
William Hunter Heiles, B.Mus., Oberlin College, 1958
Judith Ann Ratkelli, B.Mus., Baldwin-Wallace College, 1958

Degree of Master of Education

Edith May Anderson, A.B., University of British Columbia, 1956; B.Ed., University of Alberta, 1960
Mary Annette Morrison Anderson, B.S., 1958
Humphrey Arey, B.S., 1960
Ferris Keith Auger, B.S., Wisconsin State College, 1960
WILLIAM HENRY BAIN, B.S., Northern Illinois University, 1958
ELIZABETH MARGARET BEHRENS, B.S., Greenville College, 1957
ROBERT BRUCE BENDER, B.S., Illinois Institute of Technology, 1960
KEITH ROBERT BENEDIX, B.S., 1960
EARL WILLIAM BENOCHE, B.S., Eastern Illinois University, 1950
ROLLAND LESELI BRINEGAR, B.S., Indiana University, 1954
ROGER KEITH CARLSON, B.S., 1955
MARY ELIZABETH CLOSE, B.S., Illinois State Normal University, 1952
MARY ALICE GEORGE COOLER, B.S., Illinois State Normal University, 1958
JACK HOWARD CUTLER, A.B., 1960
DOROTHY CATHERINE COLEMAN DAY, B.S., Eastern Illinois University, 1958
GAYLE BLAINE DAY, B.S., Eastern Illinois University, 1958
PAUL SHANE DAY, B.S., Oklahoma State University, 1957
JOHN ALAN DOBBERT, A.B., Wheaton College, 1960
JOSEPH KARL EBERHART, B.S., 1959
LAWRENCE IRELE EXTON, B.S., Illinois State Normal University, 1958
BARBARA KENT FARRELL, B.S., 1958
ERMETT EUGENE FLEMING, B.S., Illinois State Normal University, 1958
WIN CAROL FORZMAN, A.B., Knox College, 1954
HENRY ADOLPH FOSS, A.B., Central Y.M.C.A. College, 1936
JOHN FORREST GARRISON, B.S., 1951
WILLIAM LAWRENCE GOODWIN, B.S., University of Nebraska, 1957
DELORES STARK HALLENDORFF, B.S., Millikin University, 1956
DOUGLAS CLAIR HARKER, B.S., 1956
RUTH JEANNE HARNER, B.S., Illinois State Normal University, 1956
JOHN CLIFTON HARRINGTON, B.S., 1960
PHYLLIS WYMAN HELLSTROM, B.S., 1954
QUANE LOUIS HEREN, A.B., Eureka College, 1957
GEORGE EUGENE HILL, B.S., Illinois Wesleyan University, 1957
RUTH STEFFY HILL, B.S., 1940
CATHERINA HOFELCHER, A.B., Iowa State Teachers College, 1935
RODNEY CLEVE HOELTZEL, B.S., Springfield College (Massachusetts), 1957
KENNETH EUGENE HOFFMAN, B.S., Southern Illinois University, 1958
WILMA WARNER HOLLAND, A.B., Ashbury College, 1950
FRANCES CLAUSER JOHNSON, B.S., 1955
DEANNA AFRICK KATZ, B.S., 1960
JOHN STEPHEN KEMP, B.S., 1957
JUDITH ARN KRESL, B.S., Northern Illinois University, 1960
ROBERT WILLIAM KUKLA, B.S., 1960
ALFRED DANIEL LARSON, B.S., Illinois State Normal University, 1955
JEAN COX LEEVER, B.S., 1955
WARREN WAYNE LIONBERGER, B.S., Eastern Illinois University, 1956
WILLIAM CARL MAYER, B.S., 1960
RAY MONDAY MCCLELLAND, B.S., 1939
ALEX CHESTER MCCOWAN, B.S., 1960
LOIS HEBA KELLY MANN, B.S., Henderson State Teachers College, 1954
ROLAND RAY MOLL, A.B., Phillips University, 1951
LEONA BELLE NEWPORT, A.B., McKendree College, 1956
LAWRENCE EDWARD OLSHEN, B.S., 1957
SULEYMAN CETIN OZOGLU, B.S., 1961
SUELYMAN CETON OZOLDU, B.S., 1961
DOROTHY ELAINE PEADODY, B.Ed., Illinois State Normal University, 1940
DAVID VAIL PORTILLA, JR., B.Ed., University of Hawaii, 1960
MARTHA ALICE POLAND, B.S., Eastern Illinois University, 1955
AMAL DAILY RAFP, Licenced, Kabul University, 1955
DONALD DELMAS RUMLEY, B.S., Ohio State University, 1949
ERELINE EVAN SAILEN, A.B., Connecticut College, 1958
PEGGY SANGER, A.B., Leeds University, 1959; Diploma, University of Reading, 1960
BARBARA JEAN SAVAGE, B.S., Illinois State Normal University, 1958
LOUIS EVERETT SCHAILE, B.S., 1956
GEORGE EDWARD SHAFFER, B.S., Eastern Illinois University, 1957
JUANITA EMMA SPALDING, A.B., Olivet Nazarene College, 1959
LOUISE REED STADT, B.S., Illinois State Normal University, 1957
George Edward Stormer, B.S., Millikin University, 1959
John Richard Tomczyk, B.S., 1956
Robert Charles Wall, B.S., Olivet Nazarene College, 1957
Kay Darlene Wendell, B.S., 1960
Mary Louise Wheatley, B.S., Southern Illinois University, 1954
Jerry Russell Wicks, A.B., Millikin University, 1957
Daniel Douglas Woford, B.S., 1957
Richard Paul Wunderlich, B.S., Illinois State Normal University, 1960

Degree of Master of Social Work

Sonia Leib Abels, A.B., Rutgers University, 1951
Shirley Rose Albrecht, A.B., William Jewell College, 1956
William Henry Anderson, A.B., Fisk University, 1952
Elaine Vivian Berquist, A.B., 1953
Marshall Whitney Bowden, A.B., Aurora College, 1956
Harold Ray Boyte, A.B., Goshen College, 1959
Amelia Hoppe Burcher, A.B., University of Tennessee, 1957
Lloyd William Carlson, B.S., 1959
Myrna Applebaum Chatow, A.B., Roosevelt University, 1959
Sonja Monroe Clay, A.B., 1959
Lita Jean Duke, A.B., Langston University, 1958
Donald Joseph Eib, B.S., 1958
Leo Henry Emery, B.S., 1959
Donna June Ferrier, A.B., Western Washington College of Education, 1956
Rhoda Joyce Friedman, A.B., Roosevelt University, 1959
Marylyn Holtzman Goldstein, B.S., 1959
Anita Lewis, A.B., Stanford University, 1959
Richard Denis Marinelli, B.S., George Williams College, 1958
Caroline Collins Martin, Ph.B., University of Chicago, 1935
Lois Elizabeth Natusch, B.S., Simmons College, 1944
James Dale Peasley, A.B., Michigan State University, 1953
Elaine Muriel Quillian, A.B., Roosevelt University, 1958
Charlotte Louise Regier, A.B., Bethel College, 1944
David Morris Rosen, B.S., M.S., George Williams College, 1948, 1949
Ethel Louise Stowitz, A.B., LeMoyne College, 1958
William Joseph Sweet, A.B., 1958
Robert Teague, A.B., Tougaloo College, 1955
Melyn Duane Thomas, A.B., Graceland College, 1959
Naomi Latinsky Tillman, A.B., Hunter College of the City of New York, 1950
Jean Grace Tornick, B.S., Northwestern University, 1953
Donald Jesse Watkins, B.S., Roosevelt University, 1958
Margaret Elizabeth Wickwire, A.B., Park College, 1939
Marjorie Brown Wright, Ph.B., DePaul University, 1956

Degree of Master of Fine Arts

In Design

Collan Blendon Kneale, B.F.A., 1959

In Painting and Printmaking

Joan Mary Bassaro, B.F.A., Pratt Institute, 1958
John Roosevelt Glenn, B.F.A., Wayne State University, 1959
Ioanna Higgs, B.F.A., University of Tennessee, 1956
Peter Kennedy Hoover, A.B., Antioch College, 1958
Rosa Lee Epler Lovell, B.F.A., Kansas City Art Institute, 1959
Gene Allen Roberts, B.S., Eastern Illinois University, 1957
Sophie Hazel Sarlas, B.F.A., 1959
Carl Eugene Wilen, Jr., B.F.A., 1959

Degree of Master of Accounting Science

Carl Clayton Bohner, A.B., Gettysburg College, 1959
Bruce Barton Bowers, B.S., 1960
Tommy J. Brinkerhoff, B.S., 1960
UNIVERSITY OF ILLINOIS

GARY ALAN LUXING, B.S., Stetson University, 1960
JOHN ALVIN MULLINAX, B.S., 1957
CLARK Mowrow NELSON, B.S., Eastern Illinois University, 1960
DALE GEORGE POSGAI, B.S., Bowling Green State University, 1960
JOHN RUSSELL ERICKSON RUHL, B.S., Miami University, 1959
DONALD VICTOR STUCHELL, B.S.C., Ohio University, 1960
ROBERT CLYDE TROST, B.S., Eastern Illinois University, 1959

Degree of Master of Architecture

WILLIAM ROBERT ACHESON, B.Arch., 1958
JAMES ALBERT BARCOCK, B.Arch., 1959
THOMAS JOSEPH BARTUSKA, B.Arch., 1960
JOAN ELIZABETH CHAPIN, B.Arch., 1959
LINOS M. DOUNIAS, B.S., University of Cincinnati, 1960
ABDEL RAHIM MOHAMED EL-GUINDY, B.S., Ein Shams University, 1957
JOHN ROGERS HAGELY, B.Arch., Ohio State University, 1953
THOMAS GILBERT KILLIAN, B.Arch., Washington University, 1954
WILLIAM MASLAUSKI, B.S., University of Cincinnati, 1960
JAMES FRANCIS O’GORMAN, B.Arch., Washington University, 1956

Degree of Master of Comparative Law

SAEMUND LOMBNAES, Degree, University of Oslo, 1956
FREE RAADNER ROUTAMO, LL.B., Helsinki University, 1956

Degree of Master of Commerce

CLIFFORD MARK NELSON, B.S., 1959
FRANK MILLER RACHEL, B.S., Oklahoma State University of Agriculture and Applied Science, 1952
NORMAN SHIRRILL SATTERFIELD, B.S., 1960

Degree of Master of Business Administration

ROBERT WARREN BOSCHER, B.S., 1959
LAFAVETTE MCKINNERY, B.S., Langston University, 1959
LEON EMMET RICHARDT, B.S., 1959
DEALTON JAMES SMITH, B.S., 1959
CHARLES WENDELL WILLIAMS, B.S., Western Illinois University, 1955

Advanced Certificate

In Education

RICHARD TRUMAN HASELTON, B.S., Northern Illinois University, 1946; A.M., 1951
ROBERT WAYNE KIRK, B.S., M.S., Indiana State Teachers College, 1949, 1955
JAMES EUGENE REA, B.S., Eastern Illinois University, 1954; Ed.M., 1957
VIRGIL RAGSDALE WHEATLEY, B.Ed., Southern Illinois University, 1938; M.S., 1946

In Music Education

TAKEHI KUROKAWA, B.S., Hokkaido University, 1954; Ed.M., University of Missouri, 1959

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

LLOYD WILLIAM ACKLAND
JAMES MANSFIELD ADAMS
CHARLES ROBERT ALT
ELMER RICHARD BAILS
LEROY ROSS BAIR
LARRY LEE BAUER, HONORS
JAMES ARTHUR BAUING
JAMES LEO BECKER

WILLIAM GUY BEELER
ROBERT MARTIN BOHLEN
JOHN RANDOLPH BOYER
JAMES EDWARD BUGG
FRED DEAN BUNTING
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Burtor Eugene Swanson
Merrill Reinhold Swanson, High Honors
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Gordon Bruce Thedson
James George Timblake
Richard Eugene Treat
John Earl Trei
Edward Leon Turner
Gary Lowell Van Winkle
Joseph Keith Weinlader
John Gerald White
Jack Milton Wilhelm, Honors
John DeWitt Wilson
David Paul Winkelmann
Alvin Leroy Wink
Arthur Lee Wright
Thomas Ray Young
Walter Woodrow Younker

Judith Elaine Osborn

In Dairy Technology

Charles William Oberle

In Floriculture

Donald Ray Selinger

In Floriculture and Ornamental Horticulture

Max Lee Allison

In Forestry

Willard Silletto Bruggen
Carl Albert Budelsky
Ramon Echenique Manrique
Robert Glendon Fisher
Billy Marshall Fry
Alfred Charles Herbst
Karl William Lindberg

Allan Scott Mickelson
Dale Allen Smedaker
Robert Snyder
David William Taylor
Milton Glenn Trummel, High Honors
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Sybil Sue Burnig
Donna Dae Catten
Georgie Cecopelas

Iris Lynn Clark
Carolyn Sue Sullification Coleman
Beth McCamly Dohme, Honors
Eleanor Esther Drake
Marjorie Amy Erickson
Jeanne Marie Frederick
Kathleen Ada Gooch
Kay Hepler, Hacker
Sylvia Mary Hardin
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Manciynn Hyer
Virginia Wesołoski Johnson
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Rose Ann McMullen
Vivian Blanche McMullen
Sara Jean McMurtie
Patricia Ruth Mollet
Joan Walker Orsztula
Freggchy Diane Parks
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Martha Johnson Rainbolt
Joanne Franck Roberts
Barbara Ann Strunk
Carol Ann Tremaine
SandiA Olsen Truckenbrodt
Nancy Elizabeth Turner
Patricia Ann Wasker
Sandra Lee White
Carol Winifred Wysup

In Home Economics Education

Glenda Jean Blumler
Karen Lee Bossert
Carol Margaret Clemens
Ruth Ann Devries, Honors
Genevieve June Gentes
Audrey Georrey Giesering, Honors
Patricia Ann Harris
Judith Ann Heffelfinger
Mar lyn JoAnn Higges, Honors
Rosalyn Florence Jenkins, Honors

Carla Kay Kunkel
Patricia Ann Long, High Honors
Andra Louise Miller
Ann Bernice Montgomery, Honors
Patricia Armstrong Move
Rosalyn Miller
Norma Ann Strube
Carol Ann Ufkes
Rebecca Gail VanDeverter, Honors
Mary Lynn Watson

In Restaurant Management

Richard Malcolm Radell
June Adele Schiemer

College of Engineering

Degree of Bachelor of Science
In Aeronautical Engineering

Leroy Charles Baranowski, Honors
Robert Louis Gielow, Honors
Michael Don Groves
Robert Duane Hackett
Michael Frederick Harkins
James Leslie Herrman
Neil Frederick Householder
Gerald Lee Jarneke
Anastasios Konstantinos Kabilapkas
Douglas John Malewicki, High Honors
David Archer Miller, Honors
Graham Oscar Pitton
Paul Frederick Recer

Eddie Delwyn Reuter
Frederick Lucius Anthony
Sindermann
Lawrence Mitchell Smalec
Richard Lynn Smith
Robert Michael Sola
Robert Edward Spitzer, Highest Honors
Charles Franke Suchomel
Soo Tiong Tan
Richard Lee Tate
Edward Francis Thompson
William Weitzman
Jack Arthur Whitman

In Agricultural Engineering

Joseph William Beckerman
Donald Kent Fadden
Jerry Duane Fritschle
Gabriel Monge Solano

Wayne Led Peterson
Ronald Raymond Primmer
Yaron Moses Sternberg
Arden Oscar Weiss

In Ceramic Engineering

Donald Huk Keung Chow
Edward Martin Clausen
James Bruce Cloud
Howard Wayne Hill, High Honors

William Gordon Long
Valentine Morris Patarini
Gary Glenn Paulson, High Honors
David Howard Sturgis, High Honors

In Civil Engineering

Walter Lawrence Allen, Jr.
Soland Claire Block
Richard Dale Brown

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Robert Wayne Cress
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In Electrical Engineering

GEORGE ROBERT AININ
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ROY GUNNAR ANDERSON
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RICHARD DALE BAREBAIL, Honors
CHARLES BENJAMIN BECHERER, Highest Honors

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RONALD EUGENE PRICE
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STEVEN MILTON ROTHACKER
HOWARD LEE SALZMAN
AGAPITO SANTOS
GENE NORMAN SLUTKIN
ABDUL MAJID TALUKDAR
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ROBERT JAMES TORY
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HOUSEMANN MIRFAKRAH
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SWIETOBOR JULIUSZ ORSZULA
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HERBERT JASPER RIEDEMANN
JAMES SEYBERT ROMINGER
PIERRE MICHEL RUIZ AIDABRAM, Highest Honors
KONRAD LUDWIG SCHIECKE
HERBERT RAYMOND SCHMITT
DALE WESLEY SCHUTT
RONALD LEE SHOEL
FRASETT SONGTES

In Engineering
CHARLES HILMER AHLENIUS
RICHARD MAX BURTON
LODIE LEE CHASE, Highest Honors
DONALD EDWARD CULLEN, High Honors
JOHN WESLEY HOCKING
ANDREW AUGUSTINE KENNY
DANNY JOSEPH LAUGHHUNN, Highest Honors

In Engineering Physics
RICHARD PAUL BRANSON
JOSEPH CHARLES CALUSIO
KWON-SHEI CHEN
TOMMY DEAN CLARK
RANDALL BRYANT DAVIS, High Honors
ROBERT WILLIAM DOWNING
WILLIAM JOHN KURTZ
KAREN BUTT LEUKE
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In General Engineering
ROBERT HEYWARD GIBSON
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FRANK LEWIS McCOMBER III
JAMES DOW MITCHELL
RICHARD LEE REMMERT

In Industrial Engineering
DANIEL WILLIAM BARTELL
DAVID JOEL BROWN
HAROLD EUGENE D'ORAZIO
DAVID ISHAM DOW
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In Engineering Mechanics
CHARLES HILMER AHLENIUS
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LODIE LEE CHASE, Highest Honors
DONALD EDWARD CULLEN, High Honors

In Engineering Physics
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TOMMY DEAN CLARK
RANDALL BRYANT DAVIS, High Honors
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ROBERT HEYWARD GIBSON
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In Industrial Engineering
DANIEL WILLIAM BARTELL
DAVID JOEL BROWN
HAROLD EUGENE D'ORAZIO
DAVID ISHAM DOW
LOUIS LYLE FERGUSON
HAROLD JOSEPH FORST, JR.
JOHN FRANCIS FOSTER, JR.
ROBERT AARON GOLDWASSER
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In Engineering Mechanics
CHARLES HILMER AHLENIUS
RICHARD MAX BURTON
LODIE LEE CHASE, Highest Honors
DONALD EDWARD CULLEN, High Honors

In Engineering Physics
RICHARD PAUL BRANSON
JOSEPH CHARLES CALUSIO
KWON-SHEI CHEN
TOMMY DEAN CLARK
RANDALL BRYANT DAVIS, High Honors
ROBERT WILLIAM DOWNING
WILLIAM JOHN KURTZ
KAREN BUTT LEUKE
GLEN J. MILLER
JOHN JOSEPH OHLUND
ROBERT WILLIAM PARKER, High Honors

In General Engineering
ROBERT HEYWARD GIBSON
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JAMES GLENN GOVATA
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FRANKLIN CHARLES KULLE
FRANK LEWIS McCOMBER III
JAMES DOW MITCHELL
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In Industrial Engineering
DANIEL WILLIAM BARTELL
DAVID JOEL BROWN
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DAVID ISHAM DOW
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HAROLD JOSEPH FORST, JR.
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ROBERT AARON GOLDWASSER
WALTER EDWARD JOHNSON

In Mechanical Engineering

DANILIO ARANGELOVICH
CHARLES PAUL ARMSTRONG
ROBERT ROY AWE
DONALD LEONARD BARTEL
KENNETH LEROY BEETS
DONALD EDWARD BENSON
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Richard Fred Olson
Robert William Porter, Honors
Joseph Steven Rosaly
Gale Patrick Ruczkowski
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Kenneth Orville Schock
James Laurence Schoonover
Balbir Singh
Donald Gene Slane, High Honors
Andrew Joseph Spady, Jr., Honors
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Curtiss Cecil Ward
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David M. Martin Wickersham
Arthur Monroe Wild
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In Metallurgical Engineering

JOHN ARTHUR ASTORIAN
WILLIAM JAMES BOTTOMLEY
RONALD VERNON BRADLEY
WALTER TAYLOR COLLINS
THOMAS ROBERT WILLIAM DREWS

Gerald Wendel Duray
Earl Wayne Gort
Harry Albert Levin
George Joseph Vyshnevskyy
Richard Milton Waterstrat

In Mining Engineering

ARTHUR THOMAS ABNER
DONALD PATRICK RAFTZMAN

Arthur William Schmidt
Loren Franklin Vogel

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

PATRICIA SHEAHEN ABELES, Honors in Liberal Arts and Sciences
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SUSAN LAVERNE ALBRECHT, Honors in Liberal Arts and Sciences
BARBARA LAVREN ALDERTON
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Melinda Bresee
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MARY CAMPBELL CHAPMAN
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DEAN DONOVAN DIESKAMP
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PARRICK ANN EICKERBERGER
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SONIA HERSHBERG
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VIVIAN KREDENSUK
KENNETH ANTHONY KUPFER
ARTHUR JAY LASIN
ROBERT WEST LAWLER, Honors in Liberal Arts and Sciences with Highest Distinction in English
JOSEPH SHOAL LEVINE, Honors in Liberal Arts and Sciences
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ASTRIDA LOWBORG
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KAY LOUISE McMUNN
BUD JOSEPH MEADOR
MICHAEL, ROLF MELLEBY
GLENDON SHELBY MEYER, Honors in Liberal Arts and Sciences with Distinction in Political Science
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Jack Theodore Patterson
Natalia Elizabeth Payne
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Terry J. Sands
Nancy Jean Schauf, Honors in Liberal Arts and Sciences with Distinction in History
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Selwyn Bernard Schwartz
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David Joseph Sharp
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Guzette Elsbeth Segel
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Larey L. Snyder
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William Allen Stephens
Robert Joel Stern
Julie Ann Stusrud, Honors in Liberal Arts and Sciences with Distinction in Speech
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Frances Louise Swartz, Honors in Liberal Arts and Sciences with High Distinction in Latin-American Studies
Thomas Ronald Sykes, Honors in Liberal Arts and Sciences with High Distinction in History
Aaron Shawn Tabin
Jerome Charles Tanous
Kenneth Robert Teleen
John Terkes, Honors in Liberal Arts and Sciences
William Measom Terrell
Beverly Griffin Terry
Joyce Arlene Tetre, Honors in Liberal Arts and Sciences
Geraldine Helen Thomas
Sharon Lee Thompson
William John Timmerman
Thomas Charles Tirak
Jon Charles Trefil, Honors in Liberal Arts and Sciences
Susan Marion Vaughn, Honors in Liberal Arts and Sciences with Highest Distinction in Political Science
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Peggy Augusta Wellman
Hazel Dunbar Werner
Frederick Lee Wettinger, Honors in Liberal Arts and Sciences with Highest Distinction in Political Science
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CARLA GAYLE KNEPP, Honors in Liberal Arts and Sciences
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MARGIE JOSE CUNNINGHAM

EMMA LEE LORING, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
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MARY ELAINE MOREHART, Honors in Liberal Arts and Sciences
PHYLLIS ESTHER MORE
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ERIN FERGUS MUeller, Honors in Liberal Arts and Sciences
CONSTANCE KAY PETERS
BARBARA ANN PIERCE, Honors in Liberal Arts and Sciences
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LARRY GENE WINDSOR, Honors in Liberal Arts and Sciences

IRMGARD PESEL DEmOLL
ELIZABETH ANN LAWLLER, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
RITA MARIA LEITIUNIS, Honors in Liberal Arts and Sciences

ELLIS IRA LEVIN
ARCHIE ARNOLD SCHOPENBECK
THI MAI TAI
VIDA ANGELE TAMOSTUNAS
In the Teaching of Latin

Byron Thomas Bekiaries
Rose Mary Frances Kromak, Honors in Liberal Arts and Sciences

In the Teaching of Russian

Norma Corbett Bruce, Honors in Liberal Arts and Sciences
Anna Tymosenko

In the Teaching of Social Studies

Ronald Jerry Benes, Honors in Liberal Arts and Sciences
James Albert Monce
Estelle Betzelsos Parizek

In the Teaching of Spanish

Mary Jo Brodd, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
Dolores Carmen Gutierrez
Eileen Annette Riccomi, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

In the Teaching of Speech

Ruth Ann Cunningham
Mary Sue Divan, Honors in Liberal Arts and Sciences
Caroline Sue Francks, Honors in Liberal Arts and Sciences
Carolyn Sue Francks, Honors in Liberal Arts and Sciences
Maxine Rose Kessig
BARRY JEROME MOSKOWITZ

Degree of Bachelor of Science

In Chemical Engineering

Jorge Ramon Abad Denis
Terry Allen Lapin, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
Charles Douglas Beals
Richard Roy Mitchell
Joseph Eugene Doninger, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
George Peter Nassos, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
Henry Lee Dykema
George Joseph Sellers
Richard William Gothet
Bernard Sheldon Shapiro, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
Joseph Alden Hauptman
Roy Dean Wright
William Richard Johnson, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

In Chemistry

PETER JOSEPH BERTONCINI, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
ROBERT ROY FRAME, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
KENNETH GEORGE HARRISON, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
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In Home Economics

DIANE ROSE BANDYK
BARBARA JEAN HARRIS

In Liberal Arts and Sciences

MALCOLM LEE AMETER
Dale Charles Anderson
LEONARD NATHAN ARMINSON
Robert Holmes Aten, Honors in Liberal Arts and Sciences
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Ronald Lee Baker
MAURER D. L. BAKRI
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Corinne Ann Epstein
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LeRoy Berton Fine
Douglas Ralph Finlayson
Louis Joseph Foley
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Janina Wojciechowska
Sara Annette Wold
Genevieve Ziegenbis, Honors in Liberal Arts and Sciences

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Arthur Louis Mazza, Honors in Liberal Arts and Sciences
Vaidotas Joseph Simonitis, Honors in Liberal Arts and Sciences
Irmar Waldner, Honors in Liberal Arts and Sciences

In Speech Correction

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Dorothy Winston Lewis
Barbara Jane Malcolm
Margaret Ann McDonald
Janna Ellyn Smith, Honors in Liberal Arts and Sciences
Sandra Ayers Taenzler, Honors in Liberal Arts and Sciences

In the Teaching of the Biological Sciences and General Science

Mary Ruth Garlich
Ray Richard Hinchman
Susan Langston, Honors in Liberal Arts and Sciences
Edwin Arthur Reschke, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
Edgemia Sue Smith, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
Lois Jean Steben, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
Marie Elizabeth Tomasic, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
Rachelle Bessie Warschaw

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In the Teaching of Mathematics

Erwina Marie Garner, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
Katherine Albertina O'Brien, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

In the Teaching of Mathematics and the Physical Sciences

Samuel B. Cole, Honors in Liberal Arts and Sciences

In the Teaching of Physics

Ronald Lee Avery
Fred Richard Pocock
## COLLEGE OF LAW

**Degree of Bachelor of Laws**

<table>
<thead>
<tr>
<th>Name</th>
<th>University and Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>William Matheson Ahlenius, A.B.</td>
<td>1955</td>
</tr>
<tr>
<td>James Lee Anderson, A.B.</td>
<td>1958</td>
</tr>
<tr>
<td>Raymond Alan Borden</td>
<td></td>
</tr>
<tr>
<td>Richard Edward Boyle, A.B.</td>
<td>1959</td>
</tr>
<tr>
<td>William Jesse Bench, Ph.B., DePaul University</td>
<td>1958</td>
</tr>
<tr>
<td>Patrick Joseph Cadigan, A.B., Washington University</td>
<td>1958</td>
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<tr>
<td>Robert Galen Coplan, A.B.</td>
<td>1958</td>
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<tr>
<td>Clarence James Crooks, Jr., A.B.</td>
<td>1960</td>
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<tr>
<td>Richard Neil DeGusther, A.B., State University of Iowa</td>
<td>1955</td>
</tr>
<tr>
<td>Thomas Walter Dye, A.B.</td>
<td>1955</td>
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<tr>
<td>Hugh Joseph Graham III, A.B.</td>
<td>1958</td>
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<tr>
<td>Jack Alan Grohne, B.S., University of Colorado</td>
<td>1957</td>
</tr>
<tr>
<td>Whitney Dove Hardy, A.B., Miami University</td>
<td>1958</td>
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<tr>
<td>James Richard Heil, A.B.</td>
<td>1957</td>
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<tr>
<td>Jay Henry Janssen, B.S., Bradley University</td>
<td>1959</td>
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<tr>
<td>John Briggs Jenkins, B.S.</td>
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<td>Don Edwin Johnson, A.B., Millikin University</td>
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<tr>
<td>Thomas Watts Johnston, B.S., Honors</td>
<td>1958</td>
</tr>
<tr>
<td>James Louis Jordan, A.B., Morehouse College</td>
<td>1954</td>
</tr>
<tr>
<td>Roger Scott Joslin, B.S., Miami University</td>
<td>1958; Honors</td>
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<tr>
<td>George Curtis Lackey, A.B.</td>
<td>1959</td>
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<td>James Arthur Lawder, Jr., B.S.</td>
<td>1959</td>
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<td>Norman Lepstein</td>
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<tr>
<td>Robert Erwin Martensen, B.S., 1959</td>
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<tr>
<td>William Richard McDonald, A.B., Illinois College</td>
<td>1956</td>
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<tr>
<td>Ernest Frank Modzelewski, A.B., DePaul University</td>
<td>1958</td>
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<tr>
<td>David Romain Nissen, A.B., Wheaton College</td>
<td>1954; A.M., 1958, High Honors</td>
</tr>
<tr>
<td>Larry Emmert Ohlson, A.B., 1955</td>
<td></td>
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<tr>
<td>Roger Jerome Pfister, A.B., Augusta College</td>
<td>1958, High Honors</td>
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<tr>
<td>Barry Edward Puklin, A.B., Northwestern University</td>
<td>1958</td>
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<tr>
<td>Perry Rubman, B.S.</td>
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<td>Richard George Sander, Jr.</td>
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<td>Jerome Schachter</td>
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<td>Alan John Schröder, B.S., 1957</td>
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<td>David George Sills, B.S., Bradley University</td>
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<td>Joel Sherwin Solovy, B.S., 1959</td>
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<td>Norman Richard Stelzer, A.B., Washburn College</td>
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<td>Edward Paul Tapper, B.S.,</td>
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<tr>
<td>Paul Eugene Thompson</td>
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<td>Roger Winston Thompson, B.S., Northwestern University</td>
<td>1954</td>
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<tr>
<td>James Merle Treece, B.S., 1959</td>
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<tr>
<td>Patrick Alan Tuite, A.B., 1959</td>
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<tr>
<td>Paul Buscher Uhlenhov, A.B., 1958</td>
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<tr>
<td>Robert Allan Watts, A.B., 1959</td>
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<tr>
<td>Donald Elmer Weidl, B.S., 1959</td>
<td></td>
</tr>
<tr>
<td>Donald Benton Young, A.E., State University of Iowa</td>
<td>1958</td>
</tr>
</tbody>
</table>

## COLLEGE OF EDUCATION

**Degree of Bachelor of Science**

### In Education

<table>
<thead>
<tr>
<th>Name</th>
<th>University and Year</th>
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<tbody>
<tr>
<td>Revonna Lee Archer</td>
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<td>Marguerite Shutt Bantz</td>
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<td>Richard Philip Giles, High Honors</td>
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<td>Marcia Glasgow</td>
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<td>Mary Joy Lauteborum, Higher Honors</td>
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<td>Judith Ann Lewis</td>
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<td>Lonnie Gerald O'Neal</td>
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<td>Bess Elizabeth Pergakes</td>
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<td>Jean Frances Riddlesberger</td>
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<td>Carl Joseph Singer</td>
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<td>Joyce Schmidt Stewart</td>
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<td>Lee Joel Weiner</td>
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<td>Sarah Jane Williamson</td>
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<tr>
<td>Virginia Ann Hydus, Honors</td>
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<tr>
<td>Elsie Janes Magnusussen</td>
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</table>

### In the Education of Mentally Handicapped Children

<table>
<thead>
<tr>
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<tr>
<td>Lynne Felice Hamer</td>
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<tr>
<td>Joyce Maryann Hight</td>
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</tbody>
</table>


In Elementary Education

MARIE ANN ANDERSON, Highest Honors
PATRICIA LORENE ANDERSON
VIRGINIA APRIL BAKER
SUSAN BALL
JENI ELLEN BARTER
JULIE MARIE BARTOLO
NANCY LEE BEAR
POLLY ANN BENEFIELD
ELAINE BENJAMIN
ROBERTA VICTORIA BIALY
BARRABAR ANN BLUTH
CAROLINE BOKIOS
BARRABAR RUTH BONESTEEL
JUDITH ANNE BRAUN
MARGARET COWIELIA BRENGLE
BEVERLY ANNE BROWN
KAREN DOENIER BROWN
MARI ANNE BROWN, High Honors
YVONNE JEAN BURNJAS
GAIL WINELAND CASTNER
SUE ALICE CHRISTENSEN
CYNTHIA SUE CORDES
JUDY KAY COTTER
LORRENE CHARLOTTE CUTLER
NANCY CASTER DEBBROUGH
MOLLY JEANNE DOUGLAS
ABBY GAIL DUBROW
IRIS ESTHER EFRON
ANN LOUISE EHRlicher
JUDY HELEN ELLIOTT
DIANE ELIZABETH Free, High Honors
SUSAN ANNE GALEBART
ANNE LUCY GANZNER, High Honors
VILLA CATHERINE GATES
WENDY ADSLEY GIBBY
CAROL JEAN MARVIN GÖTTSCHE
SHARON ROSALIND GROSS
VIRGINIA ELLEN HARRELL
JEAN ANN HASHBARGER
CAROL LEE HEIM
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SUZAN ALICE HINTZERTH
BARBARA KAREN HILTEO
PAM ELIZABETH HOLLMAN
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BESSIE KALLAS
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KUNA ANGELA KASURA
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MARY JOY STOREY
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PHYLLIS ANN KEENE
VELMA LYNN KLEIN
NANCY ELLIE KLINDEMA
DIAN KATHLEEN KRUER
MERLE LA VONNE KUYKENDALL
JOAN DILATUSHK LAKIN
JANE JOYCE LAWRENCE, Honors
GAYLE ANN LEBHARD
SANDRA RAE LEBE, Honors
FLORENCE PAULA LEER, High Honors
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CAROL HELEN LUEHRING
JOAN LOUISE LUNDHOLM
CAROL ANN LUSE
JANET BARBARA MARKS
MARTHA DOROTHY MARKUS
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AUDREY JO MENGES
MARJORIE LEE METZINGER
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LEOLA ANN MORGAN
DORA ANN MORRIS
MARIELLE BERGSTROM MYERS, High Honors
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LYNNE FRANCES NELSON
VIVIAN ELIZABETH NOGUE, Honors
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AARON LED REITZ
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GREGORY JAMES LEPITAX, Honors
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SUSANNE OELSLER
ARTHUR JOHN O'LEARY
CONSTANCE BRAND PARRISH
ANTONIO MICHELE QUITINI
LAWRENCE MORRIS RADLEY
ANN JO RANKIN
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HAROLD THOMAS RODS, Jr., Honors
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DORIS SIEGEL
WARREN SILVER
LINDA ANNE SMITH, High Honors
KENT ERNEST SMITH
EDWARD STATTMANN, Jr.
HARRY ROBERT TARG
GORDON RICHARD TAUENHEIM, Honors
BARBARA ANN TRIPP
CARROLL ERNEST USEMAN
ROBERT BAILINGER WELCH
ROBERT WAYNE WESTERBECK
JANICE JEANNIE WRIGHT
JUDITH ANN ZAVODNY
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LAWRENCE ALBERT AHLVIN
GEORGE ARTHUR ALBERS
CONRAD CHARLES ARNOLTS
LARRY RAYMOND AULII
RICHARD RONALD BEGGMANN
HARRY JULIE BETLEY
TONY EDWARD BOOKE
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STEPHEN CHOMA, JR.
CARL LEO COLOMBO
RICHARD EDGAR DAEMS
DAVID RICHARD DOBBERMAN
ANDREW DANIEL DROGOSZ
ROBERT KESC DROZDAK
GERALD CHARLES EICHBERGKRAUT
RICHARD CHARLES EMRICK
ROBERT HOWARD EBBR
SIMON KENTON EIGHTH
JEFFERY ARTHUR FINKLE
JAMES RONALD FLANIGAN
"ROBERT HERMAN FOX
PAUL JOSEPH FRANCISCOVICH, JR.
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HAROLD FRIEDRICH FRIBORG
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ROBERT GEORGE GHERARDI, HONORS
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PHILIP CLARK HAFFNER
GEORGE MICHAEL HANSON
HUBERT FRANKLIN HEDGES
HAROLD WILLIAM HOYER
ROGER WALTER JADWIN
JOHN FRANCIS JANIGA
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JOSEPH KOSINSKI
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ROY YUKIO YAMASHI
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Richard Edward Henderson
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Phillip Eugene DeTurk, High Honors
Frederick Wenman Fjelde

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Elaine Joyce Fink, Honors
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Martha Elizabeth Gilkerson, High Honors
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Deanna Kathryn Davis
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WILLIAM BRUCE INGRAHAM

COLLEGE OF VETERINARY MEDICINE

Degree of Bachelor of Science

In Veterinary Medicine

CURT HERMAN BARTHEL
WESLEY GERALD BERTZ
RICHARD LEE BRYANT
WALTER WILLIAM DALITSCH, JR.
JOHN OTIS DICKINSON
DENNIS WILSON DUFFIELD

HAROLD WILLIAM GEHRIG
SANDRA THERESA GBONITEKOWSKI
CARL JAMES GUARIGLIA
BRUCE CHARLES HANSEN
ELLEN CHARLES HENDRICKS, HONORS
BOARD OF TRUSTEES

JUNE 21, 1961

ROGER SYLVAN JAENKE
JIMMY BARTHEL JONES
KENDALL RALPH KNUTSTROM
RUDOLPH KODRAS
JAMES RICHARD LAMAR
GLEN FRANKLIN LEHR
JAMES GRATTON LOGSDON, JR.
KATHLEEN MARY MURPHY

WESLEY TRUMAN OSTHUS
RAYMOND BERNARD KEEVES
WILLIAM JOSEPH SCHAEFER
ARNOLD RAY SMITH
RICHARD FRANKLIN WALLIN
ORVILLE OWEN WESTLAKE
HENRY GALE ZACHEIS

Degree of Doctor of Veterinary Medicine

CARL THOMAS ARMSTRONG, JR.
CALVIN WILLIAM BARTHEL
RICHARD PATTON BRADBURY
JOSEPH LEO BREWER
MARVIN ALLEN COSNOW
ALBERT JUNIOR DAY
EDWARD JOHN DICK
JOSEPH ANTHONY DUCK, Honors
DONALD BURTON FELDMAN
LAWRENCE FRIEDMAN
ROBERT EUGENE HAMPTON
GERALD HERMAN HANKES
JOHN KENNEDY HARDING, Honors
ROBERT STEPHEN HIRTH
JOHN WILLIAM HORN
DAVID LESLIE HUXSOLL, Honors
ROBERT LYNN KINSMER
WESLEY DALE KNUSTON

KENNETH EDWARD KOPECKY
LOUIS ERNST LANDAU
CAROL MAX LANG
NOEL DAVID MARION LEHNER
MARIJKE BRAUN LOSCH
WILLIAM REEL LOSCH
DAVID BARD MACKAY, Honors
FRED HARRY OLIN
LEE FRANK PATEL
JOHN WAYNE REHN
LAWRENCE JOSEPH RODER
PHILIP QUENTEN ROSE
ELLIS EARL SEAVEY
LOUIS EDWARD STRACK, High Honors
LESTER GARLAND THOMSON
FREDERICK LEROY UHLAND
KENNETH LOUIS WRONKE

Degrees Conferred at Chicago

GRADUATE COLLEGE

Degree of Doctor of Philosophy
Conferred June 9, 1961

In Anatomy
HANNELORE LEOVY, C.D., University of Sao Paulo (Brazil), 1952; M.S., 1959

In Biological Chemistry
ANATOLY BEZKOROVAINY, B.S., University of Chicago, 1956; M.S., 1958
ROBERT WILLIAM HANSEN, B.S., M.S., 1934, 1955
THORU INOUYE, A.B., Stanford University, 1940; M.S., 1955
RALPH HERMAN KATHAN, B.S., University of Chicago, 1949; M.S., 1959
LOWELL DAVID ZELEZNICK, B.S., 1956

In Chemistry (Pharmaceutical)
FLORENCE CHRISTINE KIZE, B.S., M.S., 1950, 1953

In Pharmacology
GAWADRA RACHAPPA CHANDRASEKHAR, M.B.B.S., University of Mysore (India), 1950
ALLEN WARREN GOMOLL, B.S., M.S., 1955, 1958
ELIZABETH BERTCHE GOODSELL, B.S., St. Xavier College, 1945; M.S., 1947

In Physiology (Clinical Science)
C. S. NARAYANA SETTY, M.B.B.S., University of Mysore (India), 1948, M.S., 1959

In Surgery
GEORGE JOSEPH MARIAN SLAWIKOWSKI, A.B., A.M., University of Cambridge (England), 1952, 1956; M.B., Ch.B., University of Edinburgh (Scotland), 1955; M.S., 1959
Degree of Master of Science

Conferred June 9, 1961

In Anatomy

GORDON CHARLES BLAHA, B.S., Northern Illinois University, 1957
FAYE LOUISE MILLER, B.S., Miami University, 1959
SARA RUTH MINKUS, B.S., Roosevelt University, 1959

In Biological Chemistry

MERTON RONALD BERNFIELD, B.S., 1959
AKIBA FURUYA, B.S., University of Tokyo (Japan), 1956

In Chemistry (Pharmaceutical)

DONALD MARK STOKES, B.S., Northwestern University, 1949; B.S., 1955

In Histology (Dentistry)

Dennis Byron Barber, A.B., Washington University, 1955; D.D.S., 1959
Chris Peter Casten, B.S., 1958

In Microbiology

WINIFRED MARJORIE GREALVES, A.B., Emmanuel Missionary College, 1959
DONALD HENRY LUCKEE, A.B., Macalester College, 1959
MARY DAYLE NOYAK, A.B., Northwestern University, 1960
EUGENE MAXIMILLIAN VAICHULIS, B.S., University of Notre Dame, 1959

In Oral Surgery

BALRAJ KUMAR AGOYA, B.S., University of Delhi (India), 1952; B.D.S., University of Lucknow (India), 1956
FRANCIS LLEWELLYN LOCK, D.D.S., St. Louis University, 1955

In Orthodontics

CAROLYN ANTHONY DURZO, B.S., D.D.S., University of Pittsburgh, 1953, 1957
CARLOS JORGE VOGEL, C.D., University of Sao Paulo (Brazil), 1957

In Pathology

PAOLO SIMONE MOMBELLONI, M.D., University of Milan (Italy), 1956

In Pharmacognosy

LAILA AHMED MOHAMED BAYOUMI EL-FATATRY, B.Pharm., Pharm.Chem., Alexandria University (Egypt), 1956

In Pharmacology

LORENZ MARTIN HOFMANN, B.S., 1959
GEORGE RAYMOND HONIG, B.S., 1958, 1959
JAMES WILLIAM PAUL, B.S., St. Louis University, 1957

In Pharmacy

LAWRENCE JOSEPH FISCHER, JR., B.S., 1959
NORBERT JOSEPH WOJCIECHOWSKI, B.S., 1951

In Physiology

MICHAEL STANLEY GORDON, B.S., 1959
ROBERT HEWING HARNER, B.S., 1959
Dennis Peters Thompson, B.S., 1957, 1959

In Surgery

JOHN HALL BANCROFT, A.B., University of Colorado, 1954; M.D., Northwestern University, 1958
DONALD MORTON BUCKNER, A.B., M.D., University of Louisville, 1954, 1958
JOHN MARSHALL KENWELL, A.B., Hope College, 1934; M.D., University of Buffalo, 1958
WENDELL HAY SCHMIDTKE, M.D., Northwestern University, 1958
BOARD OF TRUSTEES

COLLEGE OF DENTISTRY

Degree of Bachelor of Science in Dentistry

Conferred December 17, 1960

Melvin Meyer Meilach

Degree of Doctor of Dental Surgery

Conferred June 9, 1961

Ben Dick Allison, A.B., Taylor University, 1957; B.S., 1960
William Arrow
Richard Lyle Bailey, A.B., Emmanuel Missionary College, 1954
Lewis Carter Baskins, B.S., Arkansas Agricultural, Mechanical, and Normal College, 1956; B.S., 1959
Harold Robert Bayne, Honors
Charles Richard Berg, B.S., De Paul University, 1949; B.S., 1959
Joseph Bison
Jordan Berle Borns, B.S., 1959
George William Brent, B.S., 1959; Honors
Joseph Salvatore Catasca, B.S., 1959
Richard Maximilian Cecharowski
Braxton Ragland Coles, B.S., Hampton Institute, 1949; B.S., 1959
Robert Allen Covin, B.S., 1959
Eugene Allen DeWeerth, A.B., Wartburg College, 1956; B.S., 1959
Everett Julius Ellin
Robert Frank Endicott, A.B., Northwestern University, 1957; B.S., 1959
Paul Marvin Erickson
Robert Cranston Forney, B.S., 1959
Mitchell Friedman, A.B., Roosevelt University, 1957
Kenneth Grover Groskopf, A.B., Washburn College, 1957; B.S., 1959
Kolf Leopold Gross, B.S., Loyola University, 1955; B.S., 1960
Gordon Wayne Hamilton, B.S., 1959
David H. Herzon, B.S., 1960
James Charles Hickey, B.S., Capital University, 1957
Ralph Edward Horton, B.S., 1959
Robert Bruce Hurdle, B.S., 1959
Wayne Richard Johnson, B.S., 1959
George David Karne
Nicholas Konjevic, B.S., 1959; Honors
William Bernard Kort, B.S., 1960
Donald Anthony Kreizba, B.S., 1959
Dan Kummerich, B.S., 1952
Paul Landman
John Thomas Lanea, B.S., 1959
Lester Carl Lidy, B.S., 1959
David Liebman, B.S., 1960
Stephen Burdette Lindell, B.S., Monmouth College, 1957
Gordon Carl Logren, B.S., 1960
Vincent John Losito, B.S., 1959
Rollie William Lyman
Toivo O. Maki
Dwain Fauntleroy Marquette
Frederick Jerry Mattka, B.S., 1960
Joseph Paul Mayer, Jr.
David Charles McClelland
Robert Charles Meyer
James Benedict Miller, B.S., 1959
Joel Ronald Montalbano
Zane Frank Muhl, B.S., 1959
Ivan Stuart Felton, B.S., 1960
Larry William Peterson, B.S., 1959
Charles Bruce Folk, B.S., 1959
Morgan Cole Powell, B.S., 1960
Ronald Arthur Putzler, B.S., 1959
Larry Eugene Quackenbush
Emil Lefoy Rigg
Jerome Rexicha Rigel, B.S., 1959
Richard Frederick Rudi, B.S., 1959
Donald Mervin Sandeck, B.S., 1960
Sterling Scales
Eugene Schelkin, B.S., 1959
Jerome Bernard Simon, B.S., 1950
Bruce Gordon Soderling, B.S., Northwestern University, 1951
Norman Dixon Spears, B.S., Colorado College, 1957; B.S., 1960
Paul Joseph Swade
Louis Francis Taglia
Alfred Donald Uranckas, B.S., 1959
Thomas Newman Vaughan
Gerald Edward Weiss
Richard Leon Wells, B.S., 1959
Robert Eugene Williamson, B.S., 1960

COLLEGE OF MEDICINE

Degree of Bachelor of Science in Occupational Therapy

Conferred June 9, 1961

Amelia Barbara Ann Boozer
Sally Diane Swanson Byrne, Honors
Deanne Lynn Contright

Coralie Hirsch Glantz
Tania Stringer Gordon
Theresan Healy
Degree of Doctor of Medicine

Conferred June 9, 1961

DONALD WAYNE AARONSON, A.B., B.S., 1957, 1959
ARTHUR LINDSAY ABBOTT, B.S., 1959; Honors
RICHARD WILLIAM ABBUEI, A.B., B.S., 1957, 1959
WILLIAM AUSTIN AYELL, B.S., 1959
RONALD FRANK ALBRECHT, A.B., B.S., 1958, 1959
FRANK WHITNEY AMES, B.S., 1958
PETER HARRY ARCEA, A.B., Washington University, 1957; B.S., 1959
ALAYNE COMBS ARQUETTE, A.B., Radcliffe College, 1950; B.S., 1959
RALPH ASCHE, B.S., 1959
DANIEL EDWARD ABER, B.S., 1959
ROBERT STUART BALLER, A.B., B.S., 1958, 1959
ROBERT WEBSTER BARNEs, A.B., University of Colorado, 1958; High Honors
JOHN JOSEPH BARTON, B.S., 1957, 1959
RAYMOND DEAN BAUER, B.S., 1959
HARRY CURTIS BENSON, B.S., 1959
ANTHONY JOSEPH BEARDING, JR., B.S., Elmhurst College, 1957
MORTON RONALD BERNFIELD, B.S., 1959; Honors
JAMES TRAVERS BIANCINI, B.S., 1957, 1959
GILBERT EUGENE BLAUM, B.S., 1959
RONALD JOEL BLUMENFELD, B.S., 1959
PHILIP DEAN BOREN, B.S., 1959
ROBERT FREDRICK BORT, B.S., 1959
GEORGE EDWARD BYRNE, B.S., Loyola University, 1959; B.S., 1959
BRUCE BOYD BURGESS, B.S., 1959
STUART SAMUEL BUSSTEIN, A.B., Harvard College, 1957; B.S., 1959
DONALD HENRY BUSHER, B.S., 1959
BERNARD ROBERT CAHILL, A.B., Saint Ambrose College, 1951; B.S., 1956, 1959
JERRY WARD CARRIG, B.S., 1959
WILLIAM PATRICK CHAMBERLAIN, B.S., 1959
THEODORE COHEN, B.S., Bradley University, 1958; B.S., 1959
WILLIAM DAVID COX
MAX MORRELL CRAIG, B.S., 1959
JAMES DONALD CUSACK, B.S., University of Notre Dame, 1957; B.S., 1959
CHARLES ROBERT DAISY, B.S., 1959
ELIZABETH AINSWORTH FASCO, Honors
NANCY ZALKIND RICHMAN, Honors
HARRIETTE ELLMAN SHEVIN
CLAIRE KAPLAN WOLF, High Honors

GEORGE EARL D'ASABO, B.S., 1958
JOHN SCOTT DECKER, B.S., 1958, 1959
RONALD ALLAN DEMOVSKY, B.S., 1957
JAMES RONALD DOWNING, B.S., 1957, 1959
GARY ALLEN DRAFER, B.S., 1959; Honors
MORTON HOWARD DUBNOW, B.S., 1959
EILEY RAYMOND ENGELING, B.S., 1959
RONALD GEORGE ERKENS
JACK CALVIN FACH, B.S., 1959
JAMES VINCENT FAYATA, B.S., 1959
CARL LOWELL FELDMAN, B.S., 1959
DANIEL RICHARD FISHER, A.B., Albion College, 1957; B.S., 1959
MARVIN ALLEN FISHMAN, B.S., 1959
NORTON LEE FISHER, B.S., 1959
RICHARD ALLEN FLORES
JERRY ELI FRIEDMAN, A.B., B.S., 1958, 1959
MURRAY FRIEDMAN, A.B., Hunter College, 1949; Ph.D., Yale University, 1952; B.S., 1959
JOSEPH F. FRYMAN, B.S., 1959
GEORGE CYRIL GALATTI, B.S., 1959
LESLEY CHARLES GARLAND, B.S., 1959
JAMES RICHARD GARTNER, B.S., Saint Louis College of Pharmacy, 1954, B.S., 1959
JOHN ALFRED GERSDES, B.S., D.V.M., 1955, 1957
ARNOLD LARRY GILBERG, A.B., B.S., 1958, 1959
DEWEY JACK GILBERT, B.S., 1959
JAY BENNETT GORDON, B.S., 1959
MICHAEL STANLEY GORDON, B.S., 1959
ARTHUR TOBIAS GRONNER, A.B., B.S., 1957, 1959
HOMER CLAUDER GROVES, B.S., 1959
FRANK ROSARIO GUASTELLA, A.B., Northwestern University, 1957; B.S., 1959
NANCY JANE GUSCH, A.B., NorthWestern University, 1957
JANIS ARLENE GUMPEN, B.S., Michigan State University, 1957; B.S., 1959
GLENN EDWARD GUSTAFSON, JR., B.S., Beloit College, 1957; B.S., 1959
RAYMOND EUGENE HAMMER, B.S., Greenville College, 1951; B.S., 1954, 1959; D.D.S., 1955
RAYMOND MORTON HANDLEY, B.S., 1959
THERRENCE CONRAD HANSEN, B.S., 1959
ROBERT HEWING HARNER, B.S., 1959; Honors
ROBERT RAY HART, A.B., Wabash College, 1957
JAMES AUGUST HECK, B.S., 1959
WILLIAM JOSEPH HESTER, B.S., 1959
DON EUGENE HINDELER, B.S., 1959
MARSHALL HINSEMAN, B.S., 1959
LYNN WAYMAN HOLDER, A.B., Southern Illinois University, 1957; B.S., 1959
GEORGE RAYMOND HONG, B.S., 1958, 1959
GEORGE EDGAR HORD, B.S., 1959
RODGER STEPHEN HUBER, A.B., B.S., 1958, 1959
GLENN EARL HUDGERS, B.S., 1959
PHYLLIS BARNARD JACKSON, A.B., 1952
LOUIS FITZGERALD JAMES, B.S., 1957, 1959
WILLIAM RAYMOND JEWELL, A.B., Blackburn College, 1957; B.S., 1959
Ler Louis Alvin JOHNSON, A.B., Washington University, 1955; B.S., 1959
MARION Estrel JOHNSON, A.B., B.S., 1957, 1959
JOHN FRANCIS JUST, A.B., Brown University, 1957; B.S., 1959
ALLEN LOUIS KAALAAS, B.S., 1959
DAVID ALVIN KAMMeyer, B.S., 1959
MARVIN Saul KAPLAN, B.S., 1959
MELVIN PHILLIP KATZ, B.S., 1959
WAYNE HARRY KONETZKI, B.S., 1957
LEONARD AMOR KOSOVA, B.S., 1959
DONALD SMITH KULLERSTRAND, B.S., 1959
SALOMON ALBERT KUNIN, B.S., 1956, 1959
SOLMAN KOPEMAN, A.B., B.S., 1956, 1958
REYNOLD Thorvald LARSEN, A.B., Concordia College, 1957; Honors
WILLIAM RAY LARSEN, B.S., 1957, 1959
GERALD LASH, B.S., 1957, 1959
MaURICE DAVID LEBOWITZ, A.B., 1957
HARVEY JOSPEH LEVIN, B.S., 1959
RICHARD MARVIN LEVIN, B.S., 1957, 1959
SEYMOUR RONALD LEVIN, B.S., 1956
HOWARD MICHAEL LEVINSON, B.S., 1957, 1959
CHARLES ALPHONSE LIMP, B.S., 1959
JOHN SUaEL LOWITZ, B.S., 1959
HAROLD MAZER, A.B., B.S., 1957, 1959
CHARLES MONTELL MAPLES, B.S., 1959
RICHARD ALAN MATTINGLY
ROBERT WILLIAM MATTIES, Jr., A.B., Northwestern University, 1957
EDWARD ROLAND MAY, B.S., 1959
PERCY CONRAD MAY, Jr., A.B., Northwestern University, 1957
JACQUELYN BRUCE McCANDLESS, B.S., University of Chicago, 1957; B.S., 1959
GORDON LEE McGHEE, B.S., 1948
DONALD RAY McRAVEN, B.S., 1959
DONALD ALAN MILLER, B.S., 1958
WALTER JOHN MILLER, Jr., B.S., 1959
SHIRLEY MOORES, A.B., Indiana University, 1953; M.S., Washington University, 1957; B.S., Roosevelt University, 1957; B.S., 1959
DAVID LORRY MUTCHNICK, B.S., 1959
RICHARD LOUIS NACHMAN, A.B., Northwestern University, 1957
JOHN RICHARD NIGHSWANGER, B.S., 1959
DONALD MARVIN NORTON, B.S., 1957, 1959
FRANK GARD O'REN, B.S., 1959
DOROTHY RUTH PEASLEE, A.B., Blackburn College, 1957
GERALD ROGER PETERSON, B.S., 1959; Honors
RALPH DAVID PETTY, B.S., Carroll College, 1957; B.S., 1959
MAURICE BEHR PICKARD, B.S., 1959
ROBERT JEROME PINK, B.S., 1959
EDWARD FINSEL, B.S., 1959
JOSEPH THOMAS POGGI, B.S., 1959
PAUL LLOYD PURDY, A.B., Southern Illinois University, 1957; B.S., 1959
JOHN C. PURRELL, A.B., Blackburn College, 1957
PAUL MARTIN RILEY, A.B., Greenville College, 1957; B.S., 1959
DAVID S. ROBIN, B.S., 1957
JOSEPH GORDON ROGERS, B.S., 1959
ROBERT JOSEPH ROTHMAN, B.S., 1957, 1959
JOHN REECE ROYER, Jr., B.S., 1959
RICHARD LEE RUBEN, B.S., Illinois Institute of Technology, 1957; B.S., 1959
PERCY RUDICH, B.S., 1957, 1959
LESTER BARRY SALANS, A.B., University of Michigan, 1957; B.S., 1959; Honors
GERALD FRANCIS SAUER, B.S., 1939
LAIRO FABER SCHALLER, B.S., 1959
JOSEPH DAVID SCHMIDT, B.S., 1939; Honors
ROBERT LOVELLE SELLEERS, A.B., University of North Dakota, 1938
JULES SHAFFER, B.S., 1959
WILLIAM ANTHONY SINS, A.B., Georgetown University, 1957; B.S., 1959
FOREST WALDO SMITH, B.S., 1959
ENRY JOHN SOBIESK, B.S., 1959
NORTON MARVIN Sokol, B.S., 1959
HARRY JAMES SOLOWAY, B.S., 1959
GUNTHER WILLIAM SONNENFELD, B.S., 1954, 1959
LESTER FRANK SOVKA, B.S., University of Wisconsin, 1952; B.S., 1959
LLOYD LAYTON SPRINGER, B.S., 1938
UNIVERSITY OF ILLINOIS

WEAL ARTHUR SPERO, B.S. 1957, 1959
RICHARD HENRY SUNS, B.S., 1959
ROBERT FRANKLIN SWENGE, A.B., Milikin University, 1957
DENNIS PETER THOMPSON, B.S., 1957, 1959
MITCHELL JOSEPH TRUMNITT, B.S., 1957, 1959
E. ALAN TURROW, B.S., Bradley University, 1958; B.S., 1959
GERRY RONALD TUVESON, B.S., 1959
VYTAUTAS UZGIRIS, A.B., B.S., 1958, 1959
ROBERT MICHAEL VERTEL, B.S., 1959

COLLEGE OF NURSING
Degree of Bachelor of Science in Nursing
Conferred December 17, 1960

IRENE ANN MARTIN

Conferred March 18, 1961

IRENE KUMAI

Joan Barbara Dubiel

Conferred June 9, 1961

LYNN WRIGHT CHENOWETH, Honors
CHARLOTTE SIGRID ENEDORG
DIANA LYNN FOX
JUNA GECAS
SUSAN GRADY
DORIS HALPERIN

COLLEGE OF PHARMACY
Degree of Bachelor of Science in Pharmacy
Conferred December 16, 1960

Conferred June 9, 1961

DONALD ALEXANDER GRANT
HENRY GREENBERG
JOSEPH EDWIN HARRILL, Honors
RONALD GLENN HEDBERG
FREDERIC CARL HELM
ARNOLD HARLEY HORWITZ
BETTY ANN HOU
ROBERT VALENTINE JASINSKI
RONALD WILBUR JEANBLANC
AARON DOESNER ROLLINS KAGANN
DANIEL HERBERT KELLUM
SAMUEL JOSEPH KENNEDY
LADY VALENTINE KOSMAL
BRUCE KUSSMEL
EDWIN LEVIN
LAWRENCE A. LIPSHUTZ
BERNARD LISITZA
WALTRAUD MARGARET LUKAS
WILLIAM S. MANN
ROGER ALLAN MARLOW
RICHARD ALLEN MATHIS
WILLIAM BRYAN MERCER
HOWARD NORMAN MICHAELS
JOSEPH MICHAEL MLADINOV, JR.
SECRETARY’S REPORTS

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

APPOINTMENTS MADE BY THE PRESIDENT

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

ADAMSTONE, FRANK B., Research Professor of Zoology, two months from June 16, 1961, $2,888; this is in addition to his present appointment (5-16-61).

AFUSO, CHUSHIN, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, $444.44 a month (6-5-61).

ALMY, GERALD M., Professor of Physics and Associate Head of the Department (C), June 16-June 30, 1961, and August 1-September 15, 1961, $2,111.11 a month; this is in addition to his present appointment (5-22-61).

ANDERSON, ANSEL C., Research Associate in Physics (C), three months from June 1, 1961, $650 a month (6-7-61).

ANDERSON, JOHN F., Research Assistant in Entomology, two months from June 16, 1961, $845 (5-16-61).

APPLEGATE, SHELTON P., Instructor in Biological Sciences (Chicago Undergraduate Division), February 1-June 15, 1961, $377.78 a month, supersedes (5-16-61).

ASCARELLI, GIANNI, Research Associate in Physics (C), July 1-September 15, 1961, $625 a month (5-22-61).

ASCOLI, GIULIO, Associate Professor of Physics (C), two months from June 16, 1961, $1,011.11 a month; this is in addition to his present appointment (5-16-61).

ASTON, KATHARINE O., Instructor in English, Summer Session of 1961, ½ time June 19-August 12, 1961, $589 (5-26-61).

ATKIN, J. MYRON, Associate Professor of Education, ½ time, June 19-August 12, 1961, $1,139; this is in addition to his Summer Session appointment on ½ time (4-10-61).

ATWOOD, KIMBALL C., Professor of Microbiology and Head of the Department, two months from June 16, 1961, $4,000; this is in addition to his present appointment (6-5-61).

BAHL, DANIEL S., Professor of Electrical Engineering (General Engineering) (C), two months from June 16, 1961, $1,111 a month; this is in addition to his present appointment (6-5-61).

BARDE, ROBERT S., Research Associate Professor of Zoology, June 16-August 31, 1961, $872.22 a month; this is in addition to his present appointment (5-16-61).
BAILEY, ALBERT D., Professor of Electrical Engineering (C), two months from June 16, 1961, $1,222.22 a month; this is in addition to his present appointment (5-22-61).

BALABAN, MARTIN, Research Associate in Psychiatry (Medicine), May 20-August 31, 1961, $625 a month, supersedes nonsalaried appointment (5-31-61).

BALLUFFI, ROBERT W., Professor of Physical Metallurgy (Department of Physics) (C), two months from June 16, 1961, $1,133.33 a month; this is in addition to his present appointment (5-22-61).

BASSET, ALAN R., Research Assistant in Psychology, two months from June 16, 1961, $422.22 a month (5-22-61).

BEIER, LUDWIG, Assistant Professor of Pharmacy-Chemistry (Pharmacy), two months from July 1, 1961, $955.55 a month; this is in addition to his present appointment (5-22-61).

BEIER, ROBERT W., Associate Professor of Psychology, two months from June 16, 1961, $1,777.78; this is in addition to his present appointment (6-5-61).

BEKKER, WESLEY C., Associate Professor of Psychology, two months from June 16, 1961, $1,777.78; this is in addition to his present appointment (6-5-61).

BEJUEL, JAMES F., Research Assistant in Ceramic Engineering (S), three months from June 1, 1961, $458.33 a month, supersedes (6-6-61).

BEKOFF, WILLIAM B., Instructor in Theoretical and Applied Mechanics (C), V/2 time, academic year beginning September 1, 1961, $2,700 (5-13-61).


BLOCH, CHARLES A., Instructor in Theoretical and Applied Mechanics (C), V/2 time, academic year beginning September 1, 1961, $1,800 (5-13-61).

BLOCH, DAVID G., Professor of Mathematics, June 16-August 31, 1961, $1,722 a month; this is in addition to his present appointment (6-5-61).

BOWLER, JOHN F., Visiting Lecturer in Education, Summer Session of 1961, June 19-August 12, 1961, $1,700 (6-6-61).


BRADDOCK, JOHN W., Professor of Civil Engineering and Associate Head of the Department (C), June 16-July 31, 1961, and August 15-31, 1961, $1,277.77 a month; this is in addition to his present appointment (6-5-61).

BRADDOCK, EDWARD L., Professor of Mechanical Engineering (C), V/2 time, two months from June 16, 1961, $275 a month; this is in addition to his present appointment (6-5-61).

BROWN, FREDERICK C., Associate Professor of Physics (C), June 16-30, 1961, and August 1-September 15, 1961, $1,177.77 a month; this is in addition to his present appointment (6-16-61).

BROWN, HURING, Clinical Assistant Professor of Medicine (C), 3/10 time, four months from May 1, 1961, $212.50 a month, supersedes (5-31-61).

BRUCKNER, WALTER H., Professor of Metallurgical Engineering (Mining, Metallurgy, and Petroleum Engineering) (C), two months from June 16, 1961, $1,111.11 a month; this is in addition to his present appointment (6-6-61).

BROWN, REINHARD A., Research Assistant in Entomology, two months from June 16, 1961, $422.50 a month (5-16-61).

BROOKS, DONALD L., Associate Professor of Mathematics, two months from June 16, 1961, $1,000 a month; this is in addition to his present appointment (6-5-61).
Cairns, Stewart S., Professor of Mathematics, June 16-August 22, 1961, $3,875; this is in addition to his present appointment (5-8-61).

Chadwick, Leigh E., Professor of Entomology and Head of the Department, two months from June 16, 1961, $1,722.22 a month; this is in addition to his present appointment (5-16-61).

Chao, Chi Tse, Professor of Mechanical Engineering (C), June 16-30, 1961, $705.55; this is in addition to his present appointment (6-5-61).

Chow, Ven Te, Professor of Civil Engineering (C), two months from June 16, 1961, $1,177.78 a month; this is in addition to his present appointment (5-22-61).

Christian, Robert R., Assistant Professor of Education (University High School), May 22-July 17, 1961, $1,575 (5-16-61).

Ciesielki, Zbigniew, Visiting Research Associate in Mathematics, nine months from September 16, 1961, $5,000 (5-19-61).

Clausen, Edward M., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1961, $440 a month (5-22-61).

Coleman, Michael G., Research Assistant in Mining and Metallurgical Engineering (C), June 16-August 31, 1961, $466.66 a month (6-7-61).

Coleman, Paul D., Professor of Electrical Engineering (C), two months from June 16, 1961, $1,388.88 a month; this is in addition to his present appointment (5-22-61).

Collier, John O., Research Associate Professor of Zoology, June 16-August 31, 1961, $2,666.66; this is in addition to his present appointment (6-5-61).

Costin, Frank, Counselor in the Student Counseling Service, Summer Session of 1961, 1/2 time, June 19-August 12, 1961, $978; this is in addition to his present Summer Session appointment as Associate Professor of Education on 1/2 time (5-22-61).

Cowling, Keith G., Assistant in Farm Management (Agricultural Economics) (S), two months from July 1, 1961, $977.76 (6-6-61).


Crawford, Lura E., Visiting Lecturer in the Graduate School of Library Science, Summer Session of 1961, June 19-August 12, 1961, $1,800 (5-8-61).

Cross, Mrs. Mary A., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, $444.44 a month (6-5-61).

Cummins, Richard L., Research Assistant in the Digital Computer Laboratory, two months from July 16, 1961, $544.44 a month (6-5-61).

Daniels, Ralph, Associate Professor of Chemistry (Pharmacy), June 16-August 31, 1961, $1,100 a month; this is in addition to his present appointment (6-7-61).

Danner, Ellis, Professor of Highway Engineering (Civil Engineering) (C and S), 1/2 time, June 16-August 31, 1961, $800 a month, and full time, September 1-15, 1961, $750; this is in addition to his present appointment (5-22-61).

Daughtery, Susan E., Counselor in Speech, Summer Residential Program, Summer Session of 1961, June 19-August 12, 1961, $2,207, supersedes previous Summer Session appointment (5-8-61).

Dawn, C. Ernest, Professor of History, Summer Session of 1961, June 19-August 12, 1961, $2,207, supersedes previous Summer Session appointment (5-8-61).


Dermey, Diran, Research Assistant in Psychology, two months from June 16, 1961, $422.22 a month (6-5-61).

DeRoy, Johanna M., Assistant in Physical Medicine and Rehabilitation (Medicine), one year from July 1, 1961, $4,900 (5-16-61).

DeWeese, Harold L., Research Associate in Education, June 19-August 12, 1961, $1,720 (5-31-61).

Dickman, Kern W., Research Associate in the Digital Computer Laboratory, 1/2 time, two months from June 16, 1961, $194.44 a month; this is in addition to his present appointment (6-5-61).

Drickamer, Harry G., Professor of Chemical Engineering (S), two months from June 16, 1961, $2,055.55 a month; this is in addition to his present appointment (6-5-61).
Duncan, Esther, Visiting Lecturer in Summer Session Youth Music, June 17-July 22, 1961, $700 (6-6-61).

Dunne, Virginia, Assistant in Occupational Therapy (Medicine), April 24-May 31, 1961, $441.67 a month (6-7-61).

Dunne, William J., Assistant Dean of Commerce and Business Administration, full time, and Assistant Professor of Economics (Chicago Undergraduate Division), January 1-August 31, 1961, $11,000 a year, supersedes (5-8-61).


Edgel, Earl J., Professor of Metallurgical Engineering (C), two months from June 16, 1961, $2,311.10; this is in addition to his present appointment (6-5-61).

Ellison, Fred P., Associate Professor of Spanish, Summer Session of 1961, ½ time, June 19-August 12, 1961, $945, supersedes previous Summer Session appointment (6-6-61).

Erickson, John R., Clinical Instructor in Medicine (Medicine), three months from June 1, 1961, without salary (5-22-61).

Erickson, Charles W., Professor of Psychology, two months from July 16, 1961, $2,288.89; this is in addition to his present appointment (5-31-61).

Ewen, Robert R., Research Assistant in Psychology, two months from June 16, 1961, $422.22 a month (5-16-61).

Ewing, Dean B., Associate Professor of Civil Engineering (C), one month from June 16, 1961, $1,000; this is in addition to his present appointment (5-22-61).

Faiman, Michael, Research Assistant in the Digital Computer Laboratory, June 1-August 15, 1961, $544.44 a month (6-7-61).

Flekker, Mrs. Jacqueline W., Research Assistant in the Digital Computer Laboratory, two months from July 16, 1961, $444.44 a month (6-5-61).

Flores, Joseph S., Associate Professor of Spanish, Summer Session of 1961, ½ time, June 19-August 12, 1961, $1,045, supersedes previous Summer Session appointment (6-6-61).

Forbes, Lloyd D., Research Assistant Professor of Physics, Digital Computer Laboratory, two months from June 16, 1961, $1,000 a month; this is in addition to his present appointment (6-5-61).

Foster, Donald L., Catalog Assistant in the Library, three months from June 1, 1961, $433.33 a month, supersedes (5-16-61).

Friend, Catherine, Counseling Assistant in the Student Counseling Service (Provost's Office), June 19-August 12, 1961, $845 (6-5-61).

Friedman, Morris D., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, $444.44 a month (6-5-61).

Friedrich, Allan G., Associate Professor of Civil Engineering (C), two months from June 16, 1961, $833.33 a month; this is in addition to his appointment as Associate Professor of Mechanical Engineering (5-22-61).

Fulton, Robert E., Assistant Professor of Civil Engineering, Summer Session of 1961, ½ time, June 19-August 12, 1961, $362 (6-1-61).

Gallagher, James J., Professor in the Institute for Research on Exceptional Children and Professor of Education, June 19-August 12, 1961, $2,289; this is in addition to his present appointment (5-19-61).

Ganguly, Ashok S., Assistant in Food Technology (S), four months from May 1, 1961, $400 a month, supersedes (5-22-61).

Gazda, George M., Research Assistant Professor of Education, June 19-August 12, 1961, $1,600; this is in addition to his present appointment (5-19-61).

Goldberg, Mrs. Winifred, Instructor in Economics (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, $1,334 (5-16-61).


Gilhies, Donald B., Research Associate Professor of Applied Mathematics (Digital Computer Laboratory), ½ time, two months from June 16, 1961, $1,020; this is in addition to his present appointment (6-5-61).

Ginzberg, Donald M., Assistant Professor of Physics (C), one month from June 16, 1961, $800; this is in addition to his present appointment (5-16-61).

Goldman, Edwin L., Professor of Physics (C), July 15-31, 1961, and September 1-15, 1961, $1,166.66 a month; this is in addition to his present appointment (6-5-61).
GOMOLL, ALLEN W., Instructor in Pharmacology (Medicine), two months from July 1, 1961, $650 a month (6-7-61).
GORDON, EDWARD E., Clinical Associate Professor of Physical Medicine and Rehabilitation (Medicine), ½ time, indefinite tenure from June 1, 1961, $2,308 a year, supersedes (6-6-61).
GROVE, WILLIAM J., Associate Professor of Surgery, indefinite tenure, and Associate Dean of the College of Medicine, two months, beginning July 1, 1961, $1,583.33 a month, supersedes (5-8-61).
GUCKEL, HENRY, Research Assistant in the Digital Computer Laboratory, June 16-August 31, 1961, $488.88 a month (6-7-61).
HADJIDANNOU, THEMISTOCLES, Research Associate in Chemistry, May 1-August 15, 1961, $500 a month, supersedes (5-31-61).
HAGER, LOWELL P., Research Assistant Professor of Chemistry, two months from June 16, 1961, $2,000; this is in addition to his present appointment (6-5-61).
HARK, HAROLD W., Professor of Psychology, one month from August 16, 1961, $1,133.33; this is in addition to his present appointment (6-5-61).
HAKIMI, SEIFOLLAH L., Assistant Professor of Electrical Engineering (C), two months from June 16, 1961, $877.77 a month; this is in addition to his present appointment (5-22-61).
HALL, B. VINCENT, Research Professor of Zoology, two months from June 16, 1961, $588.89 a month; this is in addition to his present appointment (5-22-61).
HALL, WILLIAM D., Research Assistant Professor of Chemistry, two months from June 16, 1961, $1,600; this is in addition to his present appointment (5-22-61).
HALTIWANGER, JOHN D., Professor of Civil Engineering (C), ½ time, two months from June 16, 1961, $551.11 a month; this is in addition to his present appointment (5-22-61).
HARTLEY, ARNOLD M., Research Assistant Professor of Chemistry, two months from June 16, 1961, $1,623; this is in addition to his present appointment (6-5-61).
HARTLEY, THOMAS C., Associate Professor of General Engineering (C), two months from June 16, 1961, $2,111.10; this is in addition to his present appointment (6-5-61).
HANSON, ALFRED O., Professor of Physics (C), June 16-July 31, 1961, $1,500 a month; this is in addition to his present appointment (5-16-61).
HART, MRS. ALICE G., Assistant Professor of Mathematics (University High School), June 19-August 12, 1961, $1,556; this is in addition to her present appointment (5-22-61).
HAYDEN, EDGAR C., Associate Professor of Electrical Engineering (C), two months from June 16, 1961, $1,166.67 a month; this is in addition to his present appointment (5-22-61).
HALLER, EDWARD H., Counselor in the Student Counseling Service, Summer Session of 1961, ½ time, June 19-August 12, 1961, $634 (6-6-61).
HEDGES, ROBERT A., Associate Professor of Finance, 2/4 time, June 16-30, 1961, $292.62, and 1/3 time, July 1-31, 1961, $214.81; this is in addition to his present appointment (6-3-61).

HEDGES, ALEX, Professor of Mathematics, June 16-August 31, 1961, $2,695; this is in addition to his present appointment (6-5-61).

HEINFORD, CHARLES D., Jr., Associate Professor of Electrical Engineering (C), two months from June 16, 1961, $1,055.35 a month; this is in addition to his present appointment (5-22-61).

HORNY, JOHN A., Counselor in the Student Counseling Service (Provost's Office), June 19-August 12, 1961, $2,224; this is in addition to his present appointment (6-3-61).

HORNS, MORELAND, Associate Professor of Civil Engineering (C), 1/2 time, June 16-August 15, 1961, $500 a month; this is in addition to his Summer Session appointment on 1/2 time (5-22-61).

HILL, JEAN, Assistant to the Dean of Women, one month from August 1, 1961, $400; for the convenience of the University, she will also be furnished room and board valued at $31 a month (6-5-61).

HILL, ROGER G., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1961, 83/100 time, June 23-August 18, 1961, $1,167 (5-22-61).

HILL, ROGER G., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1961, 83/100 time, June 23-August 18, 1961, $1,167 (5-22-61).

HILTON, KARL, Research Assistant in Physics (C), two months from June 16, 1961, $444 a month (6-7-61).

HSIEH, HSIEN-FENG, Serials Assistant in the Library, June 28-August 31, 1961, $433.33 a month (5-31-61).

HUANG, EUGENE Y., Associate Professor of Civil Engineering (C), two months from June 16, 1961, $866.67 a month; this is in addition to his present appointment (5-22-61).

HUMPHREYS, LLOYD G., Professor of Psychology and Head of the Department, two months from June 16, 1961, $3,333.34; this is in addition to his present appointment (5-16-61).

HUMPHREYS, MRS. VIRGINIA, Research Assistant in Chemistry, three months from June 30, 1961, $392.50 a month (5-8-61).
JERSILD, RALPH A., Research Assistant in Zoology, two months from June 16, 1961, $422.22 a month (5-16-61).

JOHNSON, CHARLES E., Associate Professor of Education, ½ time, June 19-August 12, 1961, $969; this is in addition to his Summer Session appointment on ½ time (4-10-61).

JOHNSON, WILLIAM H., Associate Professor of Animal Science (S), two months from July 1, 1961, $877.77 a month; this is in addition to his present appointment (6-3-61).

JUVE, RICHARD S., JR., Research Assistant Professor of Chemistry, two months from June 16, 1961; this is in addition to his present appointment (5-22-61).

KAY, JACK G., Instructor in Chemistry, one month from June 16, 1961, $700; this is in addition to his present appointment (5-26-61).

KENDIGE, S. CHARLES, Research Professor of Zoology, two months from June 16, 1961, $1,444 a month; this is in addition to his present appointment (5-16-61).

KENNEDY, JOHN P., Commerce and Sociology Library Assistant in the Library, with rank of Instructor, two months from July 1, 1961, $508.33 a month, supersedes (5-31-61).

KESSLER, CLYDE E., Professor of Theoretical and Applied Mechanics (C), ½ time, two months from June 16, 1961, $874.99 a month; this is in addition to his Summer Session appointment on ½ time (6-5-61).

KIRK, GERALD A., Assistant Professor of Pharmacology (Medicine), two months from July 1, 1961, $944.45 a month; this is in addition to his present appointment (5-31-61).

KLASSEN, PETER P., Professor of Sociology, in the Division of Social Sciences (Chicago Undergraduate Division), two months from June 16, 1961, $2,222.22; this is in addition to his present appointment (5-8-61).

LAFITTE, LEO S., Professor of Physics (C), June 16-July 21, 1961, $1,111.11 a month; this is in addition to his present appointment (5-22-61).

LARSON, BERT N., Professor of General Engineering (C), ½ time, June 15-July 31, 1961, $1,155.34 a month; this is in addition to his present appointment (5-8-61).

LATHROP, DONALD E., Associate Professor of Rural Sociology (Agricultural Economics) (C), ½ time, two months from June 16, 1961, $561.11 a month; this is in addition to his present appointment (5-16-61).

LAVATELLE, LEO S., Professor of Physics (C), June 16-July 21, 1961, $1,111.11 a month; this is in addition to his present appointment (5-22-61).

LZARUS, DAVID, Professor of Physics (C), June 15-July 31, 1961, and September 1-15, 1961, $1,177.77 a month; this is in addition to his present appointment (5-16-61).

LEICHER, GENE R., Assistant Professor of Electrical Engineering (Digital Computer Laboratory), ½ time, two months from June 16, 1961, $244.44 a month; this is in addition to his present appointment (5-5-61).

LEONARD, ZELMA B., Assistant Professor of English (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, $1,156 (5-8-61).
Liu, Chao-Ning, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, $511.11 a month (6-5-61).

Low, Leone Y., Instructor in Mathematics, two months from June 16, 1961, $667 a month; this is in addition to his present appointment (6-5-61).

Lu, Wei-June, Research Assistant in Horticulture (S), one year from September 1, 1961, $5,600 (5-16-61).

MacNe, Xena, Assistant Professor of Pharmacology (Medicine), two months from July 1, 1961, $944.45 a month; this is in addition to her present appointment (5-31-61).


Mansfield, Raymond, Research Associate in Microbiology, 82/100 time, one year from September 1, 1960, $4,500, supersedes his previous appointment and is in addition to his Postdoctoral Fellowship-Traineeship in Microbiology on 18/100 time (5-16-61).

Marble, Donald M., Supervisor of Clinicians, Department of Speech Summer Residential Program, Summer Session of 1961, June 19-August 12, 1961, $1,600 (5-26-61).

Marston, Howard, Visiting Assistant Professor of Education (University High School), June 19-August 12, 1961, $2,000 (5-8-61).

Martin, Dean F., Instructor in Chemistry, two months from June 16, 1961, $1,422.22; this is in addition to his present appointment (6-5-61).

Martin, Gordon E., Assistant Professor of General Engineering (C), 2/3 time, June 16-July 31, 1961, $833.34 a month; this is in addition to his present appointment (5-8-61).


Mather, Robert J., Professor of Physics (C), two months from June 16, 1961, $1,711.11 a month; this is in addition to his present appointment (5-16-61).

May, William H., Research Assistant in the Institute of Communications Research, June 15-August 31, 1961, $400 a month, supersedes (5-22-61).

McCormick, Bruce H., Research Associate Professor of Physics (Digital Computer Laboratory), two months from June 16, 1961, $1,111.11 a month; this is in addition to his present appointment (6-5-61).


McCoy, George C., Professor of Astronomy, two months from June 16, 1961, $1,888.88 a month; this is in addition to his present appointment (5-22-61).


McMorrow, Jodean, Associate Professor of Civil Engineering (C), two months from June 16, 1961, $911.11 a month; this is in addition to his regular appointment (5-22-61).

Metropolitan, Sonia K., Instructor in Theoretical and Applied Mechanics (C), 1/2 time, academic year beginning September 1, 1961, $2,700 (5-13-61).

Minami, Kouichi, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, $444.44 a month (5-6-61).

Miron, Murray S., Research Associate Professor in the Institute of Communications Research, June 19-August 12, 1961, $750 a month; this is in addition to his present appointment (6-5-61).

Muro, Vinod V., Research Associate in Animal Science (S), May 1, 1961-April 14, 1962, $6,000 a year, supersedes (5-11-61).

Morrow, Joedean, Associate Professor of Theoretical and Applied Mechanics (C), two months from July 16, 1961, $933.33 a month; this is in addition to his present appointment (6-5-61).

Murrell, Thomas A., Associate Professor of Electrical Engineering (Digital Computer Laboratory), June 16-July 31, 1961, and September 1-15, 1961, $1,022.22 a month; this is in addition to his present appointment (6-5-61).
NANNEY, DAVID L., Research Professor of Zoology, two months from June 16, 1961, $1,388.88 a month; this is in addition to his present appointment (5-16-61).

NEUSTADT, JEROME E., Clinical Instructor in Medicine (Medicine), four months from May 1, 1961, without salary (5-16-61).

NIMS, JOHN F., Visiting Writer in Residence (English), academic year beginning September 1, 1961, $13,500 (4-28-61).

NISHIYAMA, TOSHIYUKI, Research Associate, Department of Mining and Metallurgical Engineering and Department of Physics (C), one year from September 1, 1961, $7,200 (5-8-61).

NISHIZUMI, KAZUHIKO, Professor of Physics (C), two months from July 16, 1961, $1,422.22 a month; this is in addition to his present appointment (5-22-61).

NISONOFF, ALFRED, Associate Professor of Microbiology, two months from June 16, 1961, $1,333 a month; this is in addition to his present appointment (5-8-61).

NITTAIANAS, HARALDOS A., Research Associate in Food Technology (S), May 15-August 31, 1961, $458.33 a month, supersedes (6-5-61).

OHLSEN, MERLE M., Professor of Education, ½ time, June 19-August 12, 1961, $1,300; this is in addition to his Summer Session appointment on ½ time (4-11-61).

PEEK, LEVIN J., Jr., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, $444.44 a month (6-5-61).

PERRY, BENJAMIN F., Jr., Visiting Lecturer in Astronomy, June 19-August 12, 1961, $2,000 (5-16-61).

PENN, DARRELL D., Research Associate in Theoretical and Applied Mechanics (C), ½ time, academic year beginning September 1, 1961, $2,700 (5-8-61).

PERRY, MARLA J. P., Assistant in Physical Education for Women (Chicago Undergraduate Division), nine months from September 16, 1961, $4,600 (5-8-61).

PESA, ARNE T., Research Assistant in Physiology, February 1-June 15, 1961, $422.22 a month, supersedes (5-8-61); and two months from June 16, 1961, $422.22 a month (5-22-61).

PETTerson, RUTH F., Visiting Lecturer in Summer Session Youth Music, June 17-July 22, 1961, $72 (6-5-61).

PLACEK, RONALD J., Instructor in General Engineering (C), two months from June 16, 1961, $622.50 a month; this is in addition to his present appointment (5-8-61).

QUINN, JOHN A., Assistant Professor of Chemical Engineering (S), ½ time, two months from June 16, 1961, $417 a month; this is in addition to his Summer Session appointment on ½ time (5-8-61).
ROGERS, WILLIAM E., JR., Research Associate in Animal Science (S), June 1, 1961-August 31, 1962, $6,000 a year (5-19-61).

ROSENNO, MARTIN A., Recreation Director in the Department of Speech Summer Residential Program, Summer Session of 1961, June 19-August 12, 1961, $175 (5-26-61).

SARGENT, FREDERICK, II, Professor of Physiology, two months from June 16, 1961, $1,044.44 a month; this is in addition to his present appointment (5-16-61).

SICARIELLA, LOUIS F., Clinical Instructor in Otolaryngology (Medicine), one year from September 1, 1960, without salary (5-8-61).

SCHMIDBEER, DANIEL F., Instructor in Theoretical and Applied Mechanics (C), 1/2 time, academic year beginning September 1, 1961, $2,500 (5-13-61).

SEITZ, FREDERICK, Professor of Physics and Head of the Department (C), two months from June 16, 1961, $2,333.33 a month; this is in addition to his present appointment (5-16-61).

SHARPE, BARBARA J., Assistant in Occupational Therapy (Medicine), June 5-August 31, 1961, $441.67 a month (6-7-61).

SOZSA, MATE A., Associate Professor of Civil Engineering (C), two months from June 16, 1961, $977.78 a month; this is in addition to his present appointment (5-22-61).

SMITH, JAMES H., Associate Professor of Physics (C), two months from June 16, 1961, $1,044.44 a month; this is in addition to his present appointment (5-22-61).

STORNE, HERBERT, Associate Professor of Civil Engineering (C), 1/2 time, two months from June 16, 1961, $472.22 a month; this is in addition to his Summer Session appointment on 1/2 time (5-22-61).

STOUP, ALEXANDER P., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, $444.44 a month (6-5-61).

STOUT, ROSS D., Associate Professor of Mechanical Engineering, Summer Session of 1961, June 19-August 12, 1961, $1,778, supersedes (6-1-61).
SUCHMAN, J. RICHARD, Associate Professor of Education, June 19-August 12, 1961, $1,845, supersedes; this is in addition to his present appointment (5-26-61).

SWARTWOUT, ROBERT E., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, $800 a month (6-5-61).

SWENSEN, GEORGE, Professor of Electrical Engineering (C) and of Astronomy, two months from June 16, 1961, $1,333.33 a month; this is in addition to his present appointment (5-22-61).


TAYLOR, AUBREY B., Professor of Physiology, two months from June 16, 1961, $1,105.55 a month; this is in addition to his present appointment (5-16-61).

THOMSON, ROBB M., Professor of Physical Metallurgy (C), July 20-September 15, 1961, $1,011.11 a month; this is in addition to his present appointment (6-5-61).

THORNBURN, THOMAS H., Professor of Civil Engineering (C), two months from June 16, 1961, $1,244.44 a month; this is in addition to his present appointment (5-22-61).

TUCKER, LEDYARD R., Professor of Psychology, 1/2 time, two months from June 16, 1961, $1,356; this is in addition to his Summer Session appointment on 1/2 time (5-16-61).

UNDERWOOD, ROBERT, Associate Professor of Prosthodontics and of Postgraduate Education (Dentistry), 1/2 time, on indefinite tenure beginning May 1, 1961, $6,300 a year, supersedes (5-16-61).

VAUGHAN, HERBERT E., Professor of Mathematics (University High School), June 19-August 12, 1961, $2,667; this is in addition to his present appointment (5-8-61).

WAHL, FLOYD M., Research Assistant Professor of Geology, June 19-August 12, 1961, $1,467; this is in addition to his present appointment (5-8-61).

WALES, HUGH G., Professor of Marketing, Summer Session of 1961, 1/4 time. June 19-August 12, 1961, $2,080, supersedes (5-26-61).


WANG, FUN-DEN, Research Assistant in Mining and Metallurgical Engineering, two months from June 16, 1961, $444.44 a month (5-16-61).

WEBB, HAROLD D., Professor of Electrical Engineering (C), two months from June 16, 1961, $1,155.54 a month; this is in addition to his present appointment (5-22-61).

WELLS, MRS. CATHERINE N., Head Resident, Taft and Van Doren Halls, two months from July 1, 1961, $420 a month; for the convenience of the University she will also receive an apartment and meals while the dining rooms are in operation valued at $31 a month (6-5-61).

WEST, CHARLES A., Professor of Physical Metallurgy, 1/2 time, and of Theoretical and Applied Mechanics, 1/2 time, two months from June 16, 1961, $1,444.44 a month; this is in addition to his present appointment (6-5-61).

WILF, MRS. RUTH T., Research Associate in Chemistry, 1/2 time, April 15-August 31, 1961, $220.18 a month (5-22-61).

WILMOT, CANDACE R., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, $444.44 a month (6-5-61).

WILSON, JOHN D., Research Assistant in Physiology, two months from June 16, 1961, $422.22 a month (6-5-61).

WOLF, FINN, Research Assistant Professor of Chemistry, two months from June 1, 1961, $889 a month; this is in addition to his present appointment (5-16-61).

WYMAN, MARVIN E., Professor of Physics and of Nuclear Engineering (C), 1/2 time, two months from June 16, 1961, $1,523; this is in addition to his Summer Session appointment on 1/2 time (3-28-61).
ZUMMANN, MRS. MABLE, Counseling Assistant in the Student Counseling Service, Summer Session of 1961, June 19-August 12, 1961, $1,000 (6-6-61).

ZIPPEDT, MARILYN, Language Therapist in Speech Summer Residential Program, Summer Session of 1961, June 19-August 12, 1961, $400 (6-6-61).

GRADUATE FELLOWS

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


AYEN, RICHARD J., National Science Foundation Cooperative Fellow in Chemical Engineering, one year from September 1, 1961, $2,200 (4-26-61).

BAKER, ROBERT J., Edward Orton, Jr., Ceramic Foundation Teaching Fellow in Ceramic Engineering, nine months from September 16, 1961, $1,600 (5-8-61).

BAUMAN, STEVEN F., National Science Foundation Summer Fellow in Mathematics, June 16-September 8, 1961, $900 (4-26-61).

BEDESEM, WILLIAM B., Esso Research and Engineering Company Fellow in Civil Engineering, nine months from September 16, 1960, $2,100, supersedes (5-26-61).


BRESKE, GEORGE H., Summer Fellow in Accountancy, two months from June 16, 1961, $350 (4-18-61).

BRUNSMEIER, GUNNAR A., Fellow in Mathematics, nine months from September 16, 1961, $1,050 (4-1-61).


BUEHL, WALTER M., National Science Foundation Cooperative Fellow in Chemical Engineering, one year from June 16, 1961, $2,200 (4-26-61).


CRAIG, RICHARD A., National Science Foundation Cooperative Fellow in Physics, one year from June 16, 1961, $2,200 (4-26-61).

CREST, ROGER L., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3,975, supersedes, and two months from June 16, 1961, $960, supersedes (5-15-61).

DANIELY, BRUCE B., National Science Foundation Summer Fellow in Zoology, June 16-September 8, 1961, $900 (4-26-61).

DAYTON, JAMES A., JR., National Science Foundation Summer Fellow in Electrical Engineering, June 16-September 8, 1961, $900 (5-15-61).

DONAHUE, JOHN T., National Science Foundation Summer Fellow in Chemistry, June 16-September 8, 1961, $900 (4-26-61).


DUFRESNE, NELSON C., National Science Foundation Cooperative Fellow in Physics, one year from September 1, 1961, $2,200 (4-26-61).
FISHER, FARLEY, National Science Foundation Summer Fellow in Chemistry, June 16-August 25, 1961, $750; and National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1961, $2,200 (4-26-61).


FORSERING, KLAINE F., Sun Oil Company Fellow in Chemical Engineering, nine months from September 16, 1961, $1,800, supersedes (5-6-61).


FRAZER, W. DONALD, International Business Machines Fellow in the Digital Computer Laboratory, nine months from September 16, 1961, $1,800, supersedes (5-3-61).


GREENERG, CHARLES B., Edward Orton, Jr. Fellow in Ceramic Engineering, nine months from September 16, 1961, $1,800 (5-5-61).

GUTMAN, DAVID, Teaching Fellow in Chemistry, nine months from September 16, 1961, $1,000 (4-1-61).


HUFFNAGLE, JOHN D., Summer Fellow in Economics, two months from June 16, 1961, $350 (4-18-61).

HULSEY, JESSIE D., National Science Foundation Summer Fellow in Geology, June 16-September 8, 1961, $900 (4-26-61).

IMHOF, VIOLET L., Robert F. Carr Fellow in Chemistry, two months from June 16, 1961, $400 (5-26-61); and National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1961, $2,200 (4-26-61).

JOLLS, KENNETH R., Teaching Fellow in Chemical Engineering, nine months from September 16, 1961, $1,000 (4-28-61).


KLEIN, RICHARD M., National Science Foundation Summer Fellow in Chemistry, June 16-September 8, 1961, $900 (4-26-61).


MANGALO, RAYMOND, Postdoctoral Fellow-Trainee in Microbiology, 18/100 time, one year from September 1, 1960, $1,000; this is in addition to his appointment as Research Associate in Microbiology, 82/100 time (5-16-61).

MATHEWS, WESLEY N., Jr., National Science Foundation Cooperative Fellow in Physics, one year from September 16, 1961, $2,200 (5-24-61).

MATHEWS, PAUL K., Procter and Gamble Company Fellow in Chemical Engineering, nine months from September 16, 1961, $1,800 (5-8-61).

McCLEMENT, EDWARD R., General Electric Foundation Fellow in Physics, nine months from September 16, 1961, $2,500 (5-1-61).

MCINTYRE, RICHARD D., International Business Machines Fellow in Economics, nine months from September 16, 1961, $2,500 (5-8-61).

MCNEE, WILLIAM F., Radio Corporation of America Fellow in Electrical Engineering, nine months from September 16, 1961, $2,100 (5-16-61).

MERRON, RICHARD L., National Science Foundation Cooperative Fellow in Chemical Engineering, one year from June 16, 1961, $2,200 (4-26-61).


PATTERSON, RICHARD L., Jones and Laughlin Steel Corporation Fellow in Metallurgical Engineering, nine months from September 16, 1961, $1,800 (5-8-61).


SAGAJERSKY, PAUL L., National Science Foundation Cooperative Fellow in Mathematics, one year from June 16, 1961, $3,200 (4-26-61).

SHANE, JAMES B., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from June 1, 1961, $5,500 (5-24-61).

SHUMAKER, EDWARD O., Jr., Ethyl Corporation Fellow in Chemistry, nine months from September 16, 1961, $2,000 (5-8-61).

SMITH, JANN E., Zeta Phi Eta Fellow in Speech, nine months from September 16, 1961, $1,500 (5-2-61).


STAMBAUGH, ROBERT L., Robert F. Carr Fellow in Chemistry, two months from June 16, 1961, $400 (5-26-61).


STEN, NIELSON, General Atomics Fellow in Physics, nine months from September 16, 1961, $2,000 (5-1-61).


SUTHERLAND, DANIEL W., Eastman Kodak Company Teaching Fellow in Mechanical Engineering, nine months from September 16, 1961, $1,500 (5-17-61).

TUNIS, PAUL E., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1961, $2,000 (5-8-61).

TURK, ALAN A., Automotive Safety Foundation Fellow in Civil Engineering, nine months from September 16, 1961, $3,500 (5-8-61).

VENCOVA, AUSRELE M., Fellow in German, nine months from September 16, 1961, $1,500 (4-1-61).

VISCO, ROBERT E., National Science Foundation Cooperative Fellow in Chemistry, nine months from September 1, 1961, $1,650 (4-26-61).


YARWOOD, DEAN L., James W. Garner Fellow in Political Science, nine months from September 16, 1961, $1,800 (5-2-61).

ZEISSET, RAY M., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1961, $1,800 (5-19-61).


RESIGNATIONS AND DECLINATIONS


BARTHEL, MRS. CHRISTINA G., Assistant in Veterinary Pathology and Hygiene — resignation effective June 14, 1961.

BUSER, MRS. MARJORIE A., Assistant in Occupational Therapy (Medicine) — resignation effective July 1, 1961.

CLAUSING, ARTHUR M., National Science Foundation Cooperative Fellow in Mechanical Engineering — resignation effective June 1, 1961.

ENDRIS, JOSEPH G., United States Public Health Service Fellow (Trainee) in Food Technology — resignation effective June 1, 1961.

GILBERT, CLARENCE H., Professor of Economics (Chicago Undergraduate Division), Summer Session of 1961 — resignation effective June 23, 1961.

GOELER VON RAVENBURG, EBERHARD, Research Associate in Physics — resignation effective June 1, 1961.


GRÄNTCHER, W. H., HEINZ, Associate Professor of Physics and of Ceramic Engineering — resignation effective July 23, 1961.

HERTEL, MARGARET, Serials Assistant in the Library — resignation effective September 1, 1961.

HICKERSON, NORRIS L., Research Assistant in Civil Engineering — resignation effective June 1, 1961.

JACOBS, NICHOLAS J., Research Associate in Dairy Science — resignation effective June 14, 1961.

KOECH, THEODORE E., Assistant Professor of Architecture — resignation effective September 1, 1961.

LAFORE, GENE R., Research Assistant Professor of Psychology, Summer Session of 1961 — declination effective June 19, 1961.

MCCAULEY, JOHN M., Assistant Professor of Clinical Psychology (Medicine) — resignation effective June 1, 1961.

MCNAIR, THOMAS J., Instructor in Surgery (Medicine) — resignation effective July 1, 1961.

MEYER, MARSHALL D., National Science Foundation Fellow in Metallurgy — resignation effective June 16, 1961.

MORGENTALER, GEORGE W., Associate Professor of Mathematics and Head of the Division (Chicago Undergraduate Division) — resignation effective May 1, 1961.

MULVANEY, JAMES E., Research Associate in Chemistry — resignation effective June 1, 1961.

NORDSTUCK, ARNOLD T., Research Professor in the Coordinated Science Laboratory and Professor of Physics — resignation effective September 1, 1961.

OtTA, MARGARET, Research Assistant in Chemistry — resignation effective August 1, 1961.


POLL, CAROLYN, Assistant Professor of Music — resignation effective September 1, 1961.


POWELL, CAROLYN, Assistant Professor of Music — resignation effective September 1, 1961.

REYNOLDS, HELEN M., Assistant Architecture Librarian, with rank of Assistant Professor — resignation effective September 1, 1961.

ROBINSON, ARTHUR R., Associate Professor of Civil Engineering, Summer Session of 1961 — resignation effective June 19, 1961.

SCHAREER, GEORGE F., Assistant Professor in the Department of Mechanical and Industrial Engineering — resignation effective September 1, 1961.

SHANNON, DONALD T., Assistant Professor of Psychology, Summer Session of 1961 — declination effective June 19, 1961.

SIMPSON, LAURENCE R., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1961 — declination effective June 23, 1961.

SMITH, ROBERT L., Research Associate in the State Natural History Survey — resignation effective June 13, 1961.

SPIRO, CASE M., Assistant Professor of Economics, Summer Session of 1961 — declination effective June 19, 1961.

THEDA PAPADOM, GEORGE E., Assistant Professor of Civil Engineering, Summer Session of 1961 — declination effective June 19, 1961.

TuNg, MAC C., Assistant in Mathematics, Summer Session of 1961 — declination effective June 19, 1961.

LEAVES OF ABSENCE

ANDERSON, RACHEL E., Assistant Editor in the University Press — leave of absence, one half-time, from May 1 through August 31, 1961, on account of disability.

BOKSTAMOSKI, KRISTINAMOSKI, Research Associate in Animal Science, in the Agricultural Experiment Station — leave of absence, without pay, from July 13 through August 31, 1961.

PAPADOMS, JOSEPH N., Assistant Professor of Physics, in the Chicago Undergraduate Division — leave of absence, without pay, from September 1, 1961, through August 31, 1962, so that he may accept an appointment as Research Assistant in the Enrico Fermi Institute for Nuclear Studies in connection with his program of graduate studies at the University of Chicago.

RUBIN, LEE A., Associate Professor of Mathematics — extension of leave of absence, without pay, from September 1, 1961, through August 31, 1962, so that he may continue serving in his visiting appointment at Columbia University.

SANK, MAX C., Associate Professor of Biological Science and Chairman of the Division, in the Chicago Undergraduate Division — leave of absence, without pay, for one year from September 1, 1961, so that he may continue the research program in which he is engaged under a Fulbright grant.

SMITH, JAMES H., Associate Professor of Physics, in the College of Engineering — leave of absence, without pay, for the academic year 1961-62, so that he may participate in a special project at the Massachusetts Institute of Technology on the teaching of college physics.
Swago, Andrew W., Associate Professor of Electrical Engineering, in the College of Engineering—leave of absence, without pay, for the academic year 1961-62.

Wagner, Lewis E., Associate Professor of Economics—leave of absence, without pay, from June 15 through June 30, 1961.

EXECUTIVE SESSION
On motion of Mr. Swain, an Executive Session was ordered for the consideration of personnel matters.

APPOINTMENTS TO NONACADEMIC POSITIONS FOR 1961-62
(1) The Vice-President and Comptroller reported that due to unavoidable delays in the preparation of the University's internal operating budget for 1961-62, the budget will not be ready for consideration by the Board until after the first of August but it must be approved by the opening of the academic year on September 1, 1961, when the great majority of appointments and reappointments to the academic staff become effective. However, appointments to and changes in salaries and wages of the nonacademic staff become effective July 1. In order to prepare the July payroll, authorization of payment of the salaries and wages proposed for nonacademic employees for 1961-62 is needed at this time. Accordingly, with the concurrence of the President and the Vice-President and Provost, the Vice-President and Comptroller requested authorization to put into effect, as of July 1, the nonacademic salaries and wages recommended by the colleges and departments of the University. These salaries and wages scales will be subject to final approval by the Board when the budget is submitted in August.

On motion of Mr. Johnston, authority was given as requested.

MEETINGS OF BOARD COMMITTEES
Meetings of the Committees on General Policy, Buildings and Grounds, and Finance were held later in the day.

President Henry discussed informally with the Committee on General Policy candidates under consideration for appointments to major administrative positions including those of Director of the Jane Addams Graduate School of Social Work and of Legal Counsel.

On motion of Mr. Swain, the Board adjourned.

A. J. Janata
Secretary

Kenney E. Williamson
President