The June meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. on Saturday, June 15, 1935.

When the Board convened, the following members were present: President Williams, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland.

President Willard was present; also Mr. F. M. Gordon, Professor Morey, Judge Johnson, and Mr. Janata.

MINUTES APPROVED
The Secretary presented the minutes of the meeting of April 10, 1935, and of the adjourned sessions of April 20, April 27, May 6, May 10, and May 18, 1935.

On motion of Mr. Barr, the minutes were approved as printed on pages 157 to 202 above.
MATTERS PRESENTED BY PRESIDENT WILLARD

The Board considered the following matters presented by the President of the University.

RESIGNATION OF ASSOCIATE PROFESSOR M. S. McDOUGAL

(1) A report that Associate Professor M. S. McDougal of the College of Law has resigned his position to accept an appointment on the Yale Law School faculty.

This report was received for record.

RETIREMENT OF DR. CHARLES E. HUMISTON

(2) A request from Dr. Charles E. Humiston, Professor of Surgery on the Clinical Faculty in the College of Medicine, who will reach the retiring age in March, 1936, that he be retired from active service, effective May 15, 1935. Doctor Humiston has been on the faculty for the past thirty-three years and asks to be relieved of services at this time because he is engaged in numerous educational and administrative activities of such organizations as the American Medical Association in addition to his surgical practice. I recommend that Doctor Humiston be retired effective May 15, 1935, with the rank of Professor of Surgery, Emeritus.

On motion of Dr. Meyer, this recommendation was approved.

APPOINTMENT OF EDWARD BYERS WILCOX TO BOARD OF EXAMINERS IN ACCOUNTANCY

(3) A recommendation that Mr. Edward Byers Wilcox, C.P.A., partner in the firm of Edward E. Gore and Company, be appointed to the Board of Examiners in Accountancy for a term of three years, beginning July 1, 1935, vice Mr. E. B. McGuinn, whose term expires on that date.

On motion of Mr. Barr, this recommendation was concurred in.

At this point, Mr. Mayer took his place with the Board.

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION ADVISORY COMMITTEES

(4) A recommendation from the Dean of the College of Commerce and Business Administration for the authorization of advisory committees to serve in an advisory capacity to the faculty. Similar committees are appointed each year for the College of Agriculture and the Agricultural Experiment Station. The plan would involve no expense and would provide excellent contacts and valuable suggestions for the faculty.

I recommend approval.

On motion of Mr. Barrett, this recommendation was concurred in.

CURRICULUM IN ART EDUCATION

(5) A recommendation from the University Senate that the following Curriculum in Art Education, requiring 130 semester hours for graduation, be established. The first two years of this curriculum are identical with the Curriculum in Painting. The degree granted will be Bachelor of Fine Arts in Art Education. Only one additional course is involved.

First Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 25a, Drawing &amp; Anatomy</td>
<td>4</td>
<td>Art 25b, Drawing &amp; Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>Arch. 71a, Elem. of Arch.</td>
<td>3</td>
<td>Arch. 72a, Elem. of Arch.</td>
<td>3</td>
</tr>
<tr>
<td>Rhetoric 1</td>
<td>3</td>
<td>Rhetoric 2</td>
<td>3</td>
</tr>
<tr>
<td>Language</td>
<td>4</td>
<td>Language</td>
<td>4</td>
</tr>
<tr>
<td>Hygiene</td>
<td>2</td>
<td>Art 50, Modeling</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td>½-1</td>
<td>Physical Education</td>
<td>½-1</td>
</tr>
<tr>
<td>Military</td>
<td>1</td>
<td>Military</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>17-17½</td>
<td><strong>Total</strong></td>
<td>17-17½</td>
</tr>
</tbody>
</table>

Total: 17-17½
## First Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 11, Hist. of Fine Arts</td>
<td>2</td>
</tr>
<tr>
<td>Art 27, Life Drawing</td>
<td>5</td>
</tr>
<tr>
<td>Art 32a, Composition</td>
<td>2</td>
</tr>
<tr>
<td>Art 41a, Still Life</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td>( \frac{3}{2} - 1 )</td>
</tr>
<tr>
<td>Military</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>4</td>
</tr>
</tbody>
</table>

**Total**: 16–16\( \frac{1}{2} \)

## Second Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 12, Hist. of Fine Arts</td>
<td>2</td>
</tr>
<tr>
<td>Art 28, Life Drawing</td>
<td>5</td>
</tr>
<tr>
<td>Art 32b, Composition</td>
<td>2</td>
</tr>
<tr>
<td>Art 41b, Still Life</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td>( \frac{3}{2} - 1 )</td>
</tr>
<tr>
<td>Military</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>4</td>
</tr>
</tbody>
</table>

**Total**: 16–16\( \frac{1}{2} \)

## Third Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 13, Art Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>Art 10a, Course for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>Art 33a, Composition</td>
<td>2</td>
</tr>
<tr>
<td>Psych. 1, General Psychology</td>
<td>4</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total**: 15

## Fourth Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ed. 10, Technic of Teaching</td>
<td>3</td>
</tr>
<tr>
<td>Ed. Pract. 9, Drawing, Art</td>
<td>5</td>
</tr>
<tr>
<td>Elective</td>
<td>7 or 8</td>
</tr>
</tbody>
</table>

**Total**: 15 or 16

I recommend approval.

On motion of Mr. Karraker, this curriculum was adopted.

### REVISION IN CURRICULUM IN PAINTING

A recommendation from the University Senate that the graduation requirements of the Curriculum in Painting be reduced from 133 to 130 semester hours, and that the curriculum be revised as follows:

## First Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 25a, Drawing &amp; Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>Arch. 71a, Elem. of Arch.</td>
<td>3</td>
</tr>
<tr>
<td>Rhetoric 1</td>
<td>3</td>
</tr>
<tr>
<td>Language</td>
<td>4</td>
</tr>
<tr>
<td>Hygiene</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td>( \frac{3}{2} - 1 )</td>
</tr>
<tr>
<td>Military</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total**: 17–17\( \frac{1}{2} \)

## Second Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 12, Hist. of Fine Arts</td>
<td>2</td>
</tr>
<tr>
<td>Art 28, Life Drawing</td>
<td>5</td>
</tr>
<tr>
<td>Art 32b, Composition</td>
<td>2</td>
</tr>
<tr>
<td>Art 41b, Still Life</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td>( \frac{3}{2} - 1 )</td>
</tr>
<tr>
<td>Military</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>4</td>
</tr>
</tbody>
</table>

**Total**: 16–16\( \frac{1}{2} \)
Third Year

| Art 13, Art Appreciation | 3 |
| Art 29, Life Draw. & Sketch | 4 |
| Art 33a, Composition | 2 |
| Art 35a, 42a, 51a, 10a (3) | 2 |
| Art 44a, Portrait | 2 |
| Elective (Engl. or Amer. Lit.) | 3 |

Total .............. 16

Second Semester

| Art 14, Art Appreciation | 3 |
| Art 30, Life Draw. & Sketch | 4 |
| Art 33b, Composition | 2 |
| Art 35b, 42b, 51b, 10b (3) | 2 |
| Art 44b, Portrait | 2 |
| Elective (Engl. or Amer. Lit.) | 3 |

Total .............. 16

Fourth Year

| Art 34a, 43a, 52a (2) | 3 |
| Art 47, Life Painting | 5 |
| Art 90a, Original Project | 2 |
| Elective | 5-6 |

Total .............. 15-16

*Total 130 hours for graduation, including Military and Physical Education.*

There has been a shifting in the content of the various Art courses in which the work has been realigned and some courses absorbed in others, which accounts for the difference in the four hours of credit.

On motion of Mr. Barrett, this curriculum was approved.

**SABBATICAL LEAVES OF ABSENCE**

(7) In accordance with the administrative procedure authorized by the Board on April 20, 1935, for dealing with applications for sabbatical leaves, all such applications for the academic year 1935-1936, which have been received since that action, were submitted to the Graduate School Research Board for its consideration and recommendation to the President and are now being submitted to the Board for action at one time. I recommend approval of the following leaves:

- Professor James W. Garner,
  Department of Political Science. First Semester. Full pay
- Professor J. T. Buchholz,
  Department of Botany. Second Semester. Full pay
- Professor J. M. Mathews,
  Department of Political Science. Second Semester. Full pay
- Professor Jakob Kunz,
  Department of Physics. Second Semester. Full pay
- Mrs. Nell C. B. Johnston,
  Assistant Professor of Education. Second Semester. Full pay
- Professor E. E. Bauer,
  Department of Civil Engineering. Second Semester. Full pay
- Professor E. E. Nearpass,
  Department of Art. Second Semester. Full pay
- Professor J. W. Albig,
  Department of Sociology. Second Semester. Half pay
- Professor R. R. Barlow,
  School of Journalism. One Year. Half pay

In each case the department concerned agrees to provide for the work of the absentee, in accordance with the statute governing sabbatical leaves, without additional expense to the University.

On motion of Mrs. Freeman, these leaves were granted.

**LEAVE OF ABSENCE FOR MR. E. A. NORTON**

(8) A recommendation that the leave of absence without pay for one year from June 10, 1934, granted E. A. Norton, Assistant Chief in Soil Survey, be extended from June 10 to September 1, 1935, with the understanding that in
case Mr. Norton does not desire to return to the University by September 1, he will then resign his University position.

On motion of Mr. Wieland, this recommendation was adopted.

**LEAVE OF ABSENCE FOR MABEL DEERE**

A report that Miss Mabel Deere, Editorial Assistant in the Agricultural Experiment Station, has been given a leave of absence without pay from July 15 to September 1, 1935, for the purpose of travel in Europe.

This report was received for record.

**ASSIGNMENT FROM CONTINGENT FUND**

In accordance with the action of the Board of Trustees on May 18, the Governor was requested to make the following assignments from the Contingent Fund of the University from 1933 to 1935:

- Remodeling Physical Plant Tool Room and Warehouse: $10,000
- Replacement of Plastering: 5,000

Mr. Barrett, who took this matter up with him, reports that the Governor has assigned the $5,000 for plastering but is withholding approval of the request for the other item.

This report was received for record.

**ASSIGNMENTS FROM THE CONTINGENT FUND**

A statement that there is urgent need for the expenditure of at least $100,000 for improvements, in addition to the balance in the Contingent Fund, and a recommendation that the Governor be requested to make assignments from the Contingent Fund in the University's appropriation for 1933-1935 as follows:

- Remodeling Physical Plant Tool Room and Warehouse: $10,000
  (This item has previously been submitted to the Governor but it has not yet been approved; suggest that Mr. Barrett be requested to take this matter up with him.)
- Library Bindery: 6,200
- Part of Engineering Equipment: 10,000
- Remodeling Offices: 9,100
- Part of Paving Campus Streets and Drives: 14,500

**Total**: $49,800

On motion of Mr. Barrett, it was voted that the Governor be requested to release the entire amount of the balance in the Contingent Fund, and that the Governor be supplied with a complete itemized statement of the pressing needs of the University beyond the amount remaining in the Contingent Fund (See page 215 below).

**REAPPROPRIATION OF UNUSED BALANCES**

A recommendation that the following estimated balances in certain funds, as of June 30, 1935, be reappropriated for the purposes indicated:

**Estimated Balances as of June 30, 1935**

<table>
<thead>
<tr>
<th>Fund</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accountancy Committee</td>
<td>$36,000</td>
</tr>
<tr>
<td>Agricultural Extension Revolving Fund</td>
<td>16,000</td>
</tr>
<tr>
<td>Dairy Creamery</td>
<td>4,000</td>
</tr>
<tr>
<td>Entrance Examinations</td>
<td>400</td>
</tr>
<tr>
<td>Home Economics Cafeteria</td>
<td>1,400</td>
</tr>
<tr>
<td>Military Bands Revolving Fund</td>
<td>200</td>
</tr>
<tr>
<td>Military Clothing and Equipment Fund</td>
<td>3,500</td>
</tr>
<tr>
<td>Military Overcoat and Glove Fund</td>
<td>500</td>
</tr>
<tr>
<td>Purnell Revolving Fund</td>
<td>2,000</td>
</tr>
<tr>
<td>University Chorus</td>
<td>160</td>
</tr>
</tbody>
</table>

**Total**: $564,160
Amount brought forward .............................................. $64,160.00

Special Appropriations for Uncompleted Activities
(Until September 30, 1935 only):

Operation:
- Budget Survey .................................................. $2,800.00
- Chicago Office Rearrangement ............................... 800.00
- Engineering Booklet ........................................... 900.00
- Graduate Research Assignments ......................... 381.00
- Industrial Agricultural Research ....................... 1,600.00
- Registrar's Records ........................................... 2,000.00

Special Appropriations for Uncompleted Activities
(Until September 30, 1935 only):

- Operation:
  - Budget Survey .................................................. $2,800.00
  - Chicago Office Rearrangement ............................... 800.00
  - Engineering Booklet ........................................... 900.00
  - Graduate Research Assignments ......................... 381.00
  - Industrial Agricultural Research ....................... 1,600.00
  - Registrar's Records ........................................... 2,000.00

- Plant Additions:
  - Elevated Water Tank and Connections ................. $40,000.00
  - Saline Drainage District Improvements .............. 6,185.00
  - Stop Lights ................................................... 1,700.00

- Total ................................................................. $85,716.00

On motion of Mr. Barr, these balances were reappropriated as recommended, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland, Mr. Williams; no, none; absent, Mr. Horner.

IMPROVEMENT OF CAMPUS INTERSECTIONS
OF GREEN STREET

(13) A statement from the Director of the Physical Plant Department concerning the improvements of the intersections of Green and Wright Streets and Green Street and Mathews Avenue, and the installation of traffic lights at these intersections, and a recommendation that an appropriation of $4,100 be made from the General Reserve Fund for the straightening of the intersections.

Mr. Barrett offered a motion that the intersections be straightened and the appropriation made as recommended. The vote was as follows: Aye, Mr. Barrett, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue; no, Mr. Barr, Mrs. Freeman, Mr. Karraker, Mr. Wieland, Mr. Williams; absent, Mr. Horner.

As the vote was a tie, the Chair declared the motion lost.

BIDS ON ELEVATED WATER TANK

(14) The Director of the Physical Plant Department reports that the following bids were received on the elevated water tank:
- Chicago Bridge & Iron Works ........................................ $19,385.00
- Pittsburgh-DesMoines Steel Company .......................... 20,950.00
- McClintic-Marshall Corporation .................................. 22,500.00

The lowest bid is within the amount budgeted under the appropriation and is in accordance with the specifications submitted. In accordance with the action of the Board of Trustees on May 18, the Chairman of the Committee on Buildings and Grounds, the Director of the Physical Plant Department, and the President of the University, awarded the contract for the tank to the lowest bidder.

On motion of Mr. Barrett, this action was confirmed.

CHAIR OF SLAVONIC LANGUAGES

(15) On May 18 the Board requested that the University Senate be asked to consider a proposal that there be established at the University a chair of Slavonic languages. On May 20 I asked the Senate Committee on Educational Policy to study this matter and to report as soon as possible. In view of the recommendation of the Committee this report was not submitted to the Senate, but is being submitted directly to the Board at this time.
June 1, 1935

President Arthur Cutts Willard, Administration Building

DEAR PRESIDENT WILLARD:

Under date of May 20, 1935, you requested the Committee on Educational Policy to consider the desirability of establishing a Chair of Slavonic Languages in the University, and to report to you as soon as possible in order that the question might be presented to the Senate at its meeting on June 3, 1935.

Since receiving your communication, the Committee has made a careful study of the matter, and has conferred individually with many members of the faculty in order to determine the probable demand for such courses. We have also conferred with the members of the Special Committee, appointed on February 27, 1934, by Acting President Daniels, to consider the same proposal brought to the attention of the University by the Czechoslovak National Council of America.

As a result of its investigations, the Committee is unanimously of the opinion that to undertake expansion in the direction indicated would be unwise at the present time, unless the additional cost thereby entailed would be covered from sources other than the Public Funds of the State. To obtain an instructor of the type the University would wish to place in charge of such courses probably would require a salary of at least four thousand dollars per annum. In addition, liberal expenditures for books and periodicals would be necessary, particularly during the first few years. Thus a Chair of Slavonic Languages would probably necessitate a minimum annual expenditure of five thousand dollars.

In view of the retrenchment policy which every part of the University has been compelled to adopt during recent years, the Committee is of the opinion that to embark upon an adventure of the sort in question would be unfortunate. In this connection, the fact should not be overlooked that for work already established, the purchase of books, supplies, and items of permanent equipment has been curtailed to the point where replacement and additions are becoming more and more imperative.

The Committee also has considerable doubt as to the demand for courses in the Slavonic Languages. As was pointed out by the Special Committee, of which Director Windsor was chairman, the cultural advantages which accrue from the study of a foreign language are rather slight if based upon less than two years of study. Indeed, courses beyond the first two years are usually necessary if one is to become sufficiently expert to appreciate fully the literature of the language. In the judgment of the Committee it is not likely that an adequate number of students would select courses in any one of the Slavonic Languages to justify such a program. Experience has shown that students of foreign descent rarely select for study at the University the languages of their forefathers. Thus it is rather unusual for a boy or a girl of Italian descent to take courses in the Italian Language or Literature. This is unfortunate inasmuch as such students, because of their background and knowledge of the fundamentals of the language, could probably acquire the greatest proficiency in its use. In the case of the Slavonic Languages it is likely that a similar condition would exist. Indeed, the enrollment probably would consist of a small group of students who, in certain branches of science, might find one of the Slavonic Languages of greater value in his specialty than German, French, Italian, or Spanish.

As far as we have been able to ascertain, the only universities in which a course in one of the Slavonic Languages is offered at the present time are California, Chicago, Columbia, Harvard, and Michigan. The Registrar has communicated with each of these institutions in order to secure data concerning the enrollment in their courses. These data will be forwarded to you as soon as they become available to us. Special attention should be called to the fact that courses in Russian are offered at the University of Chicago, and are thus readily available to a large number of citizens of the State who are of Slavonic descent.
In the opinion of the Committee several other branches of knowledge not being offered by the University would attract an equal or larger number of students than the Slavonic Languages. Courses in Hebrew, and more extensive opportunities in the Scandinavian Languages are subjects which might well be considered for future expansion. Courses in Archaeology and Anthropology certainly would attract large numbers of students. Illinois presents unusual opportunities for valuable investigations in the latter fields. If any enlargement of our present program is to be undertaken the latter subjects would seem to demand first consideration. On the other hand, the Committee does not advise the initiation of courses in these especially important fields until more adequate support is provided for the present program of the University.

In conclusion the Committee wishes to emphasize the fact that its adverse recommendation regarding the Slavonic Languages is not dictated by a lack of appreciation of their scientific and cultural values. It is generally agreed that the teaching of these languages is highly desirable. If a chair could be endowed from outside sources, with the sum of five thousand dollars becoming available each year, the Committee would heartily welcome the addition of these subjects to our present offerings.

Very truly yours,
E. L. BOGART
FREDERICK GREEN
WALTER S. MONROE
GLENN R. MORROW
H. A. RUEHE
F. B. SEELEY
WM. C. ROSE, Chairman

On motion of Mr. Barrett, action on this matter was deferred, pending further consideration by the President of the University and the Committee on General Policy.

At this point, at 1:15 p.m., the Board took a recess for luncheon.

AFTERNOON SESSION, JUNE 15, 1935

When the Board convened after the recess on June 15, 1935, the same persons were present as during the morning session.

REPORTS OF COMMITTEES

The Board considered the following reports of standing and special committees.

AMOUNT OF FEE OF MR. ARTHUR ANDERSEN

Mr. Mayer reported that he had held a conference with Mr. Arthur Andersen concerning the amount of his fee as a member of the Commission to make an Independent Survey of the University Budget, and that Mr. Andersen had reduced the amount of his fee to $4,000.

On motion of Mr. Mayer, this bill was accepted and ordered paid, together with the amount for out-of-pocket expenses.

FIRE INSURANCE ON BUILDINGS

Mr. Barrett presented a report of the Committee on Buildings and Grounds:

At a meeting of the Buildings and Grounds Committee, to which the above matter was referred, held at Urbana in the Trustees' Room in the Administration Building at 9:00 a.m. on Saturday, June 8th, were present: O. M. Karraker, Mrs. Nellie V. Freeman, Harold A. Pogue, Edward E. Barrett, Chairman, and Charles S. Havens, Director of Physical Plant.
After discussing the written recommendations and suggestions of Mr. Charles S. Havens, Director of Physical Plant, and Mr. Lloyd Morey, Comptroller, and discussing the matter with Mr. Havens before the Committee, the following recommendation is made to the Board of Trustees:

That fire insurance be taken out on the following buildings:

- Old Medical Building
- Dental Building, Chicago
- Pharmacy Building (old portion only), Chicago
- Farm Buildings on the Carter-Pennell Farm, North (to cover fire, wind storm, and hail)
- Farm Buildings on the Carter-Pennell Farm, South (to cover fire, wind storm, and hail)
- Nally Store (for fire and wind storm)
- Nally Residence (for fire and wind storm)
- Martin Farm Buildings (for fire and wind storm)

It was also recommended that the Chemistry Building at the University be covered by fire insurance provided the rate is not excessive; also, that all of the Greenhouses be covered with hail-storm insurance, provided the rate is not excessive. The Comptroller has been asked to secure rates covering these two risks, and upon receipt of this information, the Board will be asked to make the determination.

On motion of Mr. Barrett, this report was adopted.

REPORT OF THE COMMITTEE ON FEES AND SCHOLARSHIPS

Mr. Barrett presented the following report:

At a meeting of the above Committee held in the Trustees' Room in the Administration Building at the University on Saturday, June 8th, at 11 a.m., there were present: Mr. George A. Barr, Mr. Harold A. Pogue, and Mr. Edward E. Barrett, Chairman.

The report submitted by the Faculty Committee on fees and scholarships of its study of the matter of fees in the various departments of the University was read and discussed. It is the unanimous recommendation of this special committee that the following recommendations made by the Faculty Committee be approved by the Board of Trustees:

1st.—That there shall be no differential in the incidental or tuition fees between the several undergraduate colleges and divisions on the Urbana campus.

2nd.—That there shall be no differential in the incidental or tuition fees between successive class levels, that is, aside from special laboratory fees the cost to the student in the senior year shall not be greater than the cost in the freshman year. It is recognized, however, that the cost of instruction at the higher levels is greater than it is at the lower levels. The Committee leaves the suggestion that should the financial situation of the University require it, the incidental or tuition fees for the last two years could be raised as compared with the first two years with a minimum of interference to the various colleges concerned. It is pointed out by the Faculty Committee that for every $5.00 increase at the upper levels, that is, the last two years, the income would be increased by approximately $30,000 a year.

3rd.—That the various departments be requested to scrutinize their fee lists again (a) for the purpose of bringing them up to date, and (b) in order to examine the possibility of including in the laboratory fees a reasonable charge for such items as gas, electricity, water, compressed air, liquid air, steam, etc., that are actually used in equipment for laboratory instruction, together with pro-rated costs of apparatus that is especially subject to rapid wear and loss. In short, it is recommended that the present basis for computing laboratory fees be continued in principle, but that the principle be extended
slightly to cover all materials that are actually consumed in laboratory work as distinct from heating, lighting, and other permanent maintenance.

In addition to the above recommendations, the Faculty Committee on Fees and Scholarships has made the following recommendations which have not yet been acted upon by the Board:

1st.—County Scholarships: The Committee recommends that these scholarships continue without change, except on the value of the fee exemption, which is covered in the last recommendation on this report.

2nd.—Civil War and Military Scholarships: Only a small number of these scholarships are awarded. They do not constitute a serious problem, and what question there may be concerning them will be solved in the course of time as these scholarships will diminish in number.

3rd.—Law and Music Scholarships: These scholarships are few in number and are awarded on the basis of scholastic achievement. The Committee recommends that they be retained as they are.

4th.—Summer Session Scholarships: The Committee has considered the Summer Session scholarships. They have the value of $12 each and are available to "all high school teachers in Illinois and all other teachers in the State who can matriculate in the University." In the summer of 1933 their total value was $12,564. The Committee considered lessening the value of these scholarships but came to the conclusion that the granting of them was a service the University should maintain, as all the persons who are given this privilege are working in the cause of education. As a rule they are awarded to persons who are poorly paid and who are struggling under handicaps to fit themselves better for their teaching work. There also is the factor that these scholarships tend to promote good relations between the University and the people in the public schools. The Committee recommends that these scholarships be retained with one change:

The statement on Summer Session scholarships, after making such scholarships available to teachers and librarians in the State, provides further that such scholarships are available also to persons graduated from the teachers' colleges of Illinois during the academic year preceding the session in which the scholarship is desired. The Committee sees no reason for the retention of the statement in italics, since provision is made for teachers and those under contract to teach. Further, the Committee sees no reason for granting scholarships to graduates of teachers' colleges and not to the graduates of our own College of Education. It recommends that this provision be stricken out.

5th.—General Assembly, Agricultural, Home Economics, and Ceramic Scholarships: Action on these scholarships has already been referred to the Board in the February, March, and April meetings.

Respectfully submitted,

GEORGE A. BARR
HAROLD POGUE
EDWARD E. BARRETT, Chairman

On motion of Mr. Barrett, this report was adopted.

REPORT OF THE COMMITTEE ON PATENTS

Mr. Barrett presented the following report:

The meeting of the Committee on Patents was held in the Trustees' Room in the Administration Building of the University on Saturday, June 8th, at 10 a.m. There were present at this meeting Mr. Harold A. Pogue and Mr. Edward E. Barrett, Chairman (constituting a majority of the Committee). There were also present at this meeting Dr. D. B. Keyes, Professor of Industrial Chemistry, and Dr. H. F. Johnstone, Special Research Associate in Chemical Engineering.
The Committee discussed at length the value of the discoveries made by Dr. Keyes and Dr. Johnstone for the removal of sulphur in flue gases, for which discovery the University applied for four patents, which are now practically completed in the patent office and ready to issue. According to Dr. Keyes, this is one of the most valuable discoveries made in the research laboratories at the University. Since the original patents were applied for, the process has been perfected through additional discoveries which will require supporting patents. It will probably require four additional patents at a cost of approximately $500 each. The money will not necessarily be expended at any one time, but may run over a period of two years. It is the recommendation of the Committee on Patents that the value of this discovery warrants the supporting patents, and that appropriations should be made from time to time to cover these applications.

The Utilities Research Commission consider this discovery of sufficient value that they are at the present time expending close to $100,000 for an experimental plant under the license granted them for the use of the original patents. They have also spent, according to Dr. Keyes, approximately $55,000 in research work. This alone indicates the value of this discovery.

MRS. MARIE C. PLUMB
HAROLD FOGUE
EDWARD E. BARRETT, Chairman

On motion of Mr. Barrett, this report was adopted.

COMMITTEE ON STATUTES

Mr. Barrett, for the Committee on the Revision of the Statutes, made a report of progress.

INVESTMENT OF ENDOWMENT FUNDS

Mr. Karraker presented a request that the Finance Committee be authorized to invest $27,000 of uninvested endowment funds in suitable bonds.

On motion of Mr. Karraker, this investment was authorized.

CONTRACT FOR LIBRARY STACKS

Mr. Karraker, for the Finance Committee, reported that a contract for the purchase of library stacks from Snead and Company, consideration $8,973, executed by the President and the Secretary of the Board on April 18, 1934, according to an appropriation made in the Physical Plant budget for 1933-1934, had not been listed in the minutes of the Board.

AUDIT OF ACCOUNTS OF ATHLETIC ASSOCIATION

Mr. Karraker presented a recommendation of the Finance Committee that the audit of the accounts of the Athletic Association be made by the firm of accountants who audit the accounts of the University.

On motion of Mr. Karraker, this recommendation was adopted.

HEADSHIP OF DEPARTMENT OF SURGERY

Dr. Meyer called attention to the fact that permanent appointment had not been made to the headship of the Department of Surgery in the College of Medicine, and requested that attention be given this matter at an early date.

At this point, Mr. Mayer withdrew.
MATTERS PRESENTED BY PRESIDENT WILLARD

The Board resumed the consideration of matters presented by the President of the University.

SEWAGE TREATMENT RESEARCH

(16) The Illinois Association of Sanitary Districts requests that the University assign an amount of $10,000 a year for additional research work by the Engineering Experiment Station on sewage treatment and the elimination of stream pollution. The sum of $3,000 was assigned by the Board last year for such research work, and a similar provision is being made in the budget for 1935-1937. If, as the Association requests, $10,000 a year is to be spent on this work, additional funds in the amount of $7,000 a year will be needed. The Association proposes that the Legislature be requested to make a special appropriation for this purpose.

On motion of Dr. Meyer, the Secretary was instructed to inform the Association that the Board regrets the impossibility of changing the appropriation bill to provide for this valuable work at this time, and to express the sympathy of the Board with the purposes of the Association.

EXPENSES OF BUDGET SURVEY

(17) The total assignments of funds requested of the Governor for the expenses of the Budget Survey are $8,500.00. The Comptroller reports that the total expenses of the Budget Survey are as follows:

1. Services of W. W. Charters:
   - Services of Doctor Charters: $1,500.00
   - Services of Dr. T. C. Holy: 500.00
   - Travel, clerical, and other expenses: 465.47
   Total expenses: $2,465.47

2. Services of Arthur Andersen:
   - Expenses: $702.35
   - Services, payment on account: 2,500.00
   - Due Mr. Andersen: 1,500.00
   Total expense: $4,702.35

This report was received for record.

APPROPRIATIONS FOR VARIOUS PURPOSES

(18) A recommendation that appropriations be made from the General Reserve Fund for the following purposes:

1. Supplementary appropriations for operating expenses for balance of fiscal year:
   - A. Library: $1,650
   - B. Dean of Men: 500
   - C. University Health Service: 350
2. General Printing and Publishing: 2,500
3. Physical Plant Department (Fans for Summer Session): 300
4. Radio Station: Legal and engineering services in connection with hearing before the Federal Communications Commission involving the allocation of power to the University, and equipment: 2,500

Total: $7,800

During the presentation of this matter, President Williams, being called from the room, asked Mr. Karraker to take the chair.

On motion of Mr. Barrett, these appropriations were made, by the following vote: Aye, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Barr, Mr. Horner, Mr. Mayer, Mr. Williams.
APPROPRIATIONS FOR VARIOUS PURPOSES

(19) I recommend that appropriations be made for the following purposes with the understanding that items aggregating $89,800 be submitted to the Governor with the request for the assignment of the balance of the Contingent Fund, the remainder to be appropriated from the General Reserve Fund (See page 207 above).

1. Remodeling Physical Plant Tool Room and Warehouse (Minutes, January 19, 1935) ........................................... $10,000
2. Additional partitions, fourth floor, Library Building (Minutes, January 19, 1935) ........................................... 3,000
3. Equipment for College of Engineering, additional (Minutes, January 19, 1935) ........................................... 22,000
4. Final payment on contract for Lincoln Avenue sewer (Minutes, October 21, 1932) ........................................... 10,000
5. Library Bindery .................................................. 6,200
6. Remodeling Offices ............................................. 9,100
7. Paving campus streets and drives (Gregory Drive east of Burrill Avenue and Goodwin Avenue) ........................................... 17,000
8. Completion of fencing of University Woods ....................... 7,500
9. Landscaping .................................................... 5,000

Total............................................................... $89,800

On motion of Mr. Wieland, these appropriations were made as recommended, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Horner, Mr. Mayer, Mr. Williams.

BABBITT-SCHLENZ PATENT FOR TREATMENT OF SEWAGE SLUDGE

(20) The Dean of the College of Engineering recommends that the public be given the right to use the patent granted to H. E. Babbitt, Professor of Sanitary Engineering, and H. E. Schlenz, of the Pacific Flush Tank Company (formerly a member of the Engineering Experiment Station Staff), covering a special form of two-stage digestion tank for the treatment of sewage sludge.

The essential object in obtaining patent protection was to guard against public exploitation of this device from private sources. So far as Illinois municipalities are concerned, it would appear that a minimum license fee sufficient to reimburse the University in time for the actual outlay in obtaining patent protection was a reasonable and sound public policy. The same reason does not exist for permitting the free use, or for a nominal charge, of the patent by municipalities outside of Illinois.

On motion of Mr. Barr, this matter was referred to the Committee on Patents for consideration and recommendation.

At this point President Williams returned, and resumed the chair.

REPORT OF PURCHASES AND OTHER EXPENDITURES AUTHORIZED

(21) A report that in accordance with the authority granted by the Board of Trustees to the President of the University on May 22, 1934, the following purchases amounting to $1,000 and over have been authorized as emergency items:

One carload (10,000 gal.) gasoline from the Johnson Oil Refining Company, lowest of four bidders, at a price of $1,080 f.o.b. Urbana, and including the State tax.

Cast-iron pipe and fittings for water line to be laid to the new elevated tank, from James B. Clow and Sons, Chicago, the lowest of four bidders, at a price of $5,181.46 f.o.b. Urbana.

Painting and decorating in the Woman's Residence Halls, at an estimated cost of $3,550 to be paid out of the reserve for repairs and replacements set
aside out of Residence Hall income and in accordance with action of the Board (Minutes, June 15, 1934, page 586).

Book paper (500 reams, 60#; 350 reams, 70#; 125 reams, 45#—all "A" grade English Finish) from the Dwight Brothers Paper Company, the lowest of nine bidders, at a price of $3,637.63 f.o.b. Urbana. The paper is for publications of the Agricultural Experiment Station, and funds are available in its budget to cover the cost.

Eleven automobiles (8 coupes and 3 sedans)—the annual replacement of Federal Extension cars—from the E. V. Kirby Motor Company, at a cost of $2,704.64.

The action of the President of the University authorizing these purchases was confirmed.

ENDOWMENT OF EDMUND JAMES LECTURES ON GOVERNMENT

Mrs. George E. Frazer, of Winnetka, Illinois, daughter of the late President Edmund Janes James, offers the amount of $5,000 as a permanent endowment of an annual public lecture in the field of government as a memorial to her father, under the following conditions:

1. This fund shall be known as "Edmund James Lectures on Government" and the lecturer shall be designated as "The Edmund James Lecturer on Government."

2. The income of the fund is to be used to pay the fee and travel expenses of the lecturer, and no part of the principal is to be used.

3. The University will provide a suitable place for the lectures, open to all students and faculty of the University.

4. The University will have the sole right to print and publish the lectures.

5. The lectureship shall be administered by a committee of the faculty including professors of political science and economics. This committee will make nominations of lecturers, will determine the amount of the fee to be paid, and will have charge of any other details of administration of the lectureship.

6. Should any lecturer waive the fee, or should any part of the income be unused in any year, it may be used to supplement the income of future years or added to the principal of the fund, according to the discretion of the Board of Trustees.

Mrs. Frazer is prepared to turn over to the University Government Bonds in the amount of $5,000 par value in a permanent trust fund as an endowment of this lectureship.

I recommend acceptance of this offer. Announcement was made of it at the Commencement exercises on June 10, and I have already written Mrs. Frazer expressing the appreciation of the Board of Trustees for her generous offer.

On motion of Mr. Wieland, this gift was accepted.

GRANT FROM THE ROCKEFELLER FOUNDATION

A report that the Rockefeller Foundation has made a grant of $5,000 to the University for the researches of Professor W. C. Rose of the Department of Chemistry on amino acids during the academic year 1935-1936.

I recommend acceptance of this offer.

On motion of Mr. Barr, this grant was accepted.

At this point, Mr. Wieland withdrew.

STATE GEOLOGICAL AND NATURAL HISTORY SURVEYS BUILDING

The following statement from the Building Committee of the State Board of Natural Resources and Conservation concerning the preparation of plans for the proposed new State Geological and Natural History Surveys Building, its financing, construction, and maintenance.
I. Plans:
   a. Preliminary plans and cost estimates are now being prepared in the
      Supervising Architect's office in the Department of Public Works. It was agreed
      that these would furnish an adequate basis for initial application to the Public
      Works Administration for Federal funds.
   b. It was agreed that final plans and estimates should be prepared by the
      Supervising Architect's office in consultation with the Physical Plant Depart-
      ment of the University in the manner covered by President Willard's letter of
      May 2 to Messrs. Leighton and Frison.
   c. Final plans and estimates shall be subject to approval and acceptance
      by the Department of Registration and Education and by the Board of
      Trustees of the University of Illinois.

II. Financing:
   a. It was agreed that application to the Public Works Administration for
      financial aid for the construction of the Surveys Building should be made by
      the State Department of Registration and Education. President Williams in-
      dicated his confidence that the Board of Trustees of the University would be
      glad to lend this application their full support.
   b. It was agreed that an item representing an equitable proportion of the
      cost of extension of service lines to the building should be included in the
      request for funds. Until the site of the building is finally selected this item
      will have to be tentatively estimated.
   c. It was agreed that a site for the building mutually agreeable to the
      University and to the Board of Natural Resources and Conservation should
      be provided by the University.
   d. It is understood that the University should assume no financial obliga-
      tions for the construction of the building.

III. Construction:
   a. It is understood that the duties of the State Architect's office shall
      terminate with the acceptance and approval of the plans by the Department of
      Registration and Education and by the Board of Trustees.
   b. The University of Illinois shall have complete supervision of the con-
      struction of the building, subject only to any restrictions imposed by the Public
      Works Administration.

IV. Maintenance:
   a. It was agreed that the full cost of operation and maintenance of the
      building should be borne by the University.
   I recommend approval of the plan, as outlined, with the understanding that
   the full cost of operation and maintenance of the building should be borne by
   the University.

On motion of Mr. Barr, this plan was approved.

ARCHITECTURAL SERVICES FOR SECOND UNIT OF
MEDICAL AND DENTAL COLLEGE
LABORATORIES BUILDING

(25) The Director of the Physical Plant Department requests approval of the
following statement of the relationship between the University and Granger
and Bollenbacher, architects, who designed the second unit of the Medical and
Dental College Laboratories Building, if the construction of this unit is
undertaken.

(A) That the architects will furnish such architectural estimates, reports,
etc., as may be required by the government, as part of their professional
services, without change in the rate of pay provided by the contract, excepting
that if any substantial changes are required in the drawings or specifications
now completed, such additional work shall be paid for at a rate agreed upon
in advance;
(B) That the University will have the privilege of providing such men in its employ as it may see fit to check the work in progress, such checking to be in addition to and independent of the work of the superintendent provided by them;

(C) That the Physical Plant Department will represent the University in matters relative to the design and construction of this building, excepting where authority rests with or its reserved to the President and/or the Board of Trustees;

(D) That no changes shall be made in connection with either the drawings and specifications or the actual construction itself involving a change in cost, excepting on written approval of the Physical Plant Department;

(E) That the professionally trained personnel of the Physical Plant Department of the University will assume all duties previously exercised or provided to be exercised by the late James M. White;

(F) That the structural drawings and specifications shall be completed as part of the work for which they have been compensated;

(G) That the University reserves the right to buy such equipment and furnishings through its own organization as may be determined upon, their commission being paid only on such items as are provided under their direction.

The architects have already agreed in writing to this statement of the conditions and I recommend that it be approved.

On motion of Mrs. Freeman, this plan was approved.

President Williams requested the Committee on Chicago Departments to take charge of the matter of securing a grant of federal funds for the construction of this building, and to make recommendations to the Board.

FEDERAL FUNDS FOR MEDICAL AND DENTAL LABORATORIES BUILDING

The following letters from the Director of the State Department of Public Works and Buildings and the Administrator of the Federal Emergency Relief Administration of Public Works:

DEPARTMENT OF PUBLIC WORKS AND BUILDINGS

June 13, 1935

Hon. A. C. Willard, President, University of Illinois

My dear President Willard:

I give you with this note letter dated June 6, from the Hon. Harold L. Ickes, Federal Emergency Administrator of Public Works.

Since the date of that letter I understand that the provisions in paragraph 2 have been very materially modified, but there is no definite and official announcement to that effect.

It was my understanding that the new plan of PWA contemplated a grant of 45% of the cost, with a compulsory loan of the remaining 55%, that to be at 3% interest, thus if the State or other public agency had 55% in cash to match the Government's 45% such matching would not be approved except in the form of bonds which the public body would issue to secure the Government's loan of that amount.

Yesterday I learned unofficially that the compulsory loan was not to be a requirement, and that the interest rate would be 4% instead of 3%, in case a loan were made. This means, as I understand it, that if the State or other public body has cash in the amount of 55% of the total cost of the project, it may receive a grant of 45%, and go ahead and construct.

It is my suggestion therefore, that you file a formal application on forms which will be supplied you by Acting State Director Osborn, on the basis of the 45% grant and 55% loan, or cash made available by the State.

Yours very truly,

Robert Kingery

Director
Honorable Robert Kingery, Director,
Department of Public Works and Buildings,
Springfield, Illinois

My dear Mr. Kingery:

I have received your letter of May 22, with which you enclosed President Willard's letter addressed to you on May 16, also exhibits, relative to the project proposed by the University of Illinois.

Under the Emergency Relief Appropriation Act of 1935, the University's proposed application requesting $1,400,000 would not qualify as a Federal project, entitled to receive a one hundred per cent grant, but would be eligible for consideration as a non-Federal project on the basis of a loan of fifty-five per cent of the total estimated cost to the Government at three per cent interest, and an outright grant amounting to forty-five per cent of the cost to the Government.

This proposed application should be submitted to Mr. C. M. Osborn, Acting State Director, Public Works Administration, 308 U. S. Courthouse, Chicago, Illinois. Application forms will be forwarded to you and to President Willard. Mr. Osborn has been advised of your inquiry.

It is my suggestion that representatives of the University communicate with Mr. Osborn prior to filling out the formal application, as they will find him in a position to offer many valuable suggestions, and willing to cooperate in every way possible.

Sincerely yours,

HAROLD L. Ickes
Administrator

This report was received for record.

REPORT OF DAIRY COMMISSION

(27) At the meeting on February 23 (Minutes, page 126), the Board authorized the appointment of a Commission to study the relations and obligations of the Department of Dairy Husbandry to the State. This Commission was duly appointed and promptly went to work on the task assigned to it. I submit herewith the report of the Commission.

If the University adopts the recommendations of the Commission, particularly with reference to the operations and activities relating to the processing and distribution of milk and its products, it will increase the budget of the Department of Dairy Husbandry by approximately $4,300, due to decrease in the output of the creamery.

Report of Dairy Commission appointed by President A. C. Willard to review and comment upon the policies and practices of the Department of Dairy Husbandry of the College of Agriculture in its effort to serve the farmers, distributors, manufacturers of dairy products, and consumers of Illinois:

PERSONNEL OF COMMITTEE

Chairman: Dr. N. W. Hepburn, Executive Secretary, Illinois Dairy Products Association, Inc., Peoria, Illinois.
Secretary: Mr. Wilfred Shaw, Producers' Creamery, Peoria, Illinois.
Dr. N. Sproat Heaney, 820 North Michigan Avenue, Chicago, Illinois.
Mr. H. C. Horneman, Sugar Creek Creamery Company, Danville, Illinois.
Mr. Albert C. Kolmer, Waterloo, Illinois.
Mr. C. H. Nichols, Hebron, Illinois.
Mr. Harry M. Wood, Delavan, Illinois.

Mr. A. C. Willard, President, University of Illinois

May 3, 1935

DEAR PRESIDENT WILLARD:

The Dairy Commission, appointed to review and comment upon the policies and practices of the Department of Dairy Husbandry of the College of Agriculture in its effort to serve the farmers, distributors, manufacturers of dairy products, and consumers of Illinois, begs leave to submit the following report:
Board of Trustees

Policy With Reference to Size of the Dairy Herd and Policy With Reference to the Extent of Commercial Activity Conducted by the University Creamery

In attempting to answer this question the Commission has adhered to the thought that the underlying principle which should decide the number of animals that should be in a university herd or the amount of business that should be done by a dairy manufactures division, should be that number of animals or that volume of business which furnishes enough material in amount and character to do adequate teaching, research, and demonstration and which is sufficient in amount to carry with it the dignity and inspiration commensurate with the importance of that particular activity as it exists in the State. Measured by these standards the Commission wishes to commend those who have been responsible for the development of the Department of Dairy Husbandry's herd at the University of Illinois.

It is obvious that the operation of a dairy herd as well as the conduct of a university creamery is involved with commercial transactions. The Commission wishes to commend those in charge at the University of Illinois for their policy in handling these transactions which are primarily by-products of teaching and research, in a manner that would be approved as good business practice.

It is further obvious that the results of these transactions must of necessity be in some way intermingled with the finances of the department or division in which this work is done. The Commission, however, is strongly of the opinion that the volume of business done should not be determined by the budget requirements of the department concerned. That is, the departmental budget should not be contingent upon the volume of business done.

Policy With Reference to Prices Obtained for Dairy Products Sold From the University Creamery

Reports presented by the Department of Dairy Husbandry to the Commission indicate that the Department's policy in selling products of the University Creamery has been that of selling at a price somewhat higher than the levels maintained by commercial concerns in this community. This is obviously an effort on the part of the Department of Dairy Husbandry to take their products so far as practicable out of the competitive field and thereby interfere as little as possible with the activities of local commercial concerns doing business in this market.

The Commission wishes to express its approval of this policy and to compliment those responsible for the conduct of the sales of dairy products from the University Creamery for their consideration in these matters.

Size of Dairy Herds—Distribution of Breeds

A Special Dairy Commission in 1921 made a thorough and comprehensive study of the needs of the Dairy Department with regard to herds and production facilities. It was their judgment at the time that the best interests of the Department and the dairymen of the State would be served if the purebred herd numbered 150 head, of which approximately 100 were to be milking cows. At the time this recommendation was made, the University also owned an experimental dairy herd of 100 head, of which approximately 50 head were milking cows. Thus the combined herds were to total 250 head, of which 150 were to be cows in milk.

Since the adoption of the 1921 report the Commission finds there has been a definite effort made by the Dairy Department to develop the herd in harmony with these recommendations. At no time has the total milking herd, both experimental and purebred, reached 150 cows. In 1928 it became necessary to dispose of the entire experimental herd because of a heavy infestation of tuberculosis. It became necessary then to use purebred cows for experimental purposes. At the present time the entire experimental herd is composed of registered animals.

It is felt that this practice is highly desirable for most types of investigation because: (1) the ancestry and hereditary characteristics of such animals are better known; (2) both the experimental herd and purebred herd animals are
available for studies in breeding—an important point with large, slow breeding domestic animals.

Considering all departmental needs for dairy cattle, including: (1) classroom instruction in judging; (2) animals for experimentation involving studies of (a) nutrition, (b) breeding, (c) management, (d) sanitation, disease, etc.

So long as the requirements for teaching remain near the present level and so long as the research problems continue along somewhat the present lines, there appears to be no reason to change the recommendations embodied in the previous Commission report except possibly to state certain requirements more clearly.

It is desirable, in view of the necessity of keeping all heifers until they are in milk so that their productive capacity can be established and their characteristics (genetically) determined, to set a maximum number of milking cows to be kept rather than a maximum number for the herd as a whole. It would appear that it would be possible to carry out a sufficiently complete experimental and breeding program with 125 cows in milk, 25 less than the number recommended in the 1921 report. These animals are to be distributed by breeds approximately in the same proportion as the breeds are found to exist in the State.

It is to be understood that occasionally it might be necessary to add temporarily to this number for certain types of experimental work. In such cases these should be added only so long as the special needs exist and sold when such experiments have been terminated.

**Volume of Market Milk and Milk Products Sold From the University Creamery**

It is the observation of the Commission that those Dairy Departments doing the best research and turning out the best prepared students and at the same time making the greatest contribution to the dairy industry are those institutions which are carrying on manufacturing activities sufficient in scope to adequately meet the requirements set forth in the Commission's "Definition of Policy" in these matters.

It is worthy of comment that the Division of Dairy Manufactures at the University of Illinois, in point of personnel, teaching, research, and standing in the dairy industry, has the distinction of being one of our foremost institutions. The Commission is consequently solicitous that it make no recommendations which impair the effectiveness of the service of the department.

After reviewing with the Dairy Manufactures staff their activities with respect to teaching, research, and demonstration in the Division of Dairy Manufactures and the amount of material necessary therefor, the Commission recommends that in the regular course of business activity of the University Creamery the "raw material" for bottled milk, bottled cream, and all other manufactured dairy products, except butter which in Illinois is usually made from a sour cream supply, be taken exclusively from the production of the University herd numbering approximately 125 milking animals whose average production approximates 3,000 pounds of milk.

It is understood in this connection that there may be a need at special times for class or research purposes for additional milk to be used in condensing or to make other manufactured dairy products. This milk should be purchased, if practicable, from the supply in the vicinity of Urbana and Champaign in a manner to harmonize as much as possible with the business practices in this market.

**Extension Work in Dairy Manufactures**

In reviewing the work of the Dairy Manufactures Division, the Commission observes that in this highly important field there is not at the present time any regular provision for extension service. As this phase of the dairy industry has progressed during the past decade, many problems have developed in which assistance from the Division of Dairy Manufactures in the field of extension would be found invaluable both to the industry and the department. The Commission, therefore, recommends that this phase of activity be given consideration in future plans for the department's development.
Physical Equipment (Laboratories)

In making observations in the Department of Dairy Husbandry Laboratories, the attention of the Commission was directed to the unsuitable rooms now housing the Dairy Chemistry and Dairy Bacteriological Laboratories.

The application of these sciences is becoming increasingly important to the student and to the industry. The Commission therefore recommends that in any future plans at the University of Illinois, for improvement in laboratory facilities, these two divisions receive serious consideration.

Physical Equipment (Dairy Barns)

The original plans for the Purebred Dairy Cattle Barns called for a central section which would provide adequate facilities for storing concentrated feeds, wash-room for cattle, quarters for housing some of the help, and facilities for cooling and caring for the milk. In addition the plans provided for four wings, two main wings for housing the milking herd, one wing for housing calves, and the fourth wing to be equipped with box stalls to provide calving quarters and more suitable stalls for some of the outstanding animals. In 1923, it was impossible to build the barn as planned because of an inadequate appropriation. Consequently, only the two main wings and the calf barn were built, and the idea of building the central section and maternity barn was temporarily abandoned. During the past twelve years funds have not been available for the completion of this group.

A new development in the industry, "combined milking" in which cows are placed in central or separate milking quarters, introduces a type of management which should be tried out experimentally both from sanitary and economical standpoints. A need for information on this point makes it especially desirable to complete the central section as soon as possible. As yet no other experiment station has undertaken work of this kind. Furthermore, the central section is needed to furnish adequate facilities for washing and cleaning cattle to be used for class purposes. At the present time there is no heated room in which such work can be done, and during the cold months of the year there is a decided need for such facilities.

There is a real need for a barn equipped with box stalls. A number of injuries to the udders of valuable cows could and would be prevented by housing large-uddered cows in single box stalls rather than standing them in stanchions and having their udders and teats stepped on by cows in adjoining stalls.

The Commission recommends that the foregoing needs be given consideration in plans for future development.

Respectfully submitted,

N. W. Hepburn, Chairman
Wilfred Shaw, Secretary
H. C. Horneman
Albert C. Kolmer
C. H. Nichols
Harry M. Wood

On motion of Mrs. Plumb, this report was referred to the Committee on Agriculture for consideration and report.

THE ANNUAL REPORT OF CARTER-PENNELL TRUST FARMS

(28) The annual report of the Carter-Pennell farms for the year ending February 28, 1935.

On motion of Mr. Barrett, this report was referred to the Committee on Agriculture for consideration and report.

REPORT OF LEGISLATION TO INCREASE SCHOLARSHIPS

(29) Senate Bill 198, introduced in the State Senate of the 59th General Assembly, is a bill exempting all residents of Illinois from paying tuition fees at
the University. At the first hearing on this bill by the Committee on Education, the Committee voted to table it. Subsequently, the author requested reconsideration of the measure and another hearing was held on June 5 at which time the bill was again tabled.

Senate Bill 136 provides two additional scholarships for each member of the General Assembly for the years 1935 and 1936. This bill has passed the Senate and is now in the House. A hearing was had before the House Committee on Education on June 11, at which the Committee voted to recommend that the bill be reported back to the House with a recommendation that it do pass.

This report was received for record.
At this point, Mr. Barrett withdrew.

SCHOLARSHIPS TO WINNERS OF GOVERNOR'S ESSAY
CONTEST ON AMERICAN CITIZENSHIP

(30) A request from the Governor's Committee on Citizenship and Naturalization that the University of Illinois grant scholarships to the winners of the essay contest for high-school students on the "Benefits of American Citizenship" which was conducted by the Committee this past year and which will be conducted annually. It is suggested that such a plan be made retroactive in order that the three winners of the last essay contest may be so benefited.

On motion of Dr. Meyer, it was voted that in view of the number of scholarships now available, the Board considers it unwise to create any more.

RECOMMENDATIONS FOR PURCHASES

(31) A recommendation that the following purchases be authorized:
5,000 soil maps of Marshall County and 5,000 of Putnam County, from the Huebinger Company, Chicago, the low bidder of five companies, which submitted quotations, at a price of $1,350. These maps will be used in soil survey reports on those counties. Funds are available in the budget of the Department of Agronomy for this purpose.

Materials for renewal of storage batteries in Physics Laboratory: (80 positive groups for Type F-9 Exide-Chloride Battery, 640 F Separators, 1 F-9 Negative group charged dry, and 4 jars), from Electric Storage Battery Company, at a price of $1,467.95 f.o.b. Urbana. The original equipment was bought from this company and the repairs must necessarily be purchased from the same company. Funds are available in the budget of the College of Engineering for this purpose.

Two dump trucks (Hug model 19D), from the Hug Company, Highland, Illinois, at a net cost of $3,502.40, to replace two trucks purchased in 1928 and 1929. Specifications and quotations were secured from seven companies and dealers. The quotations vary because the prices are on different types of equipment. The Hug truck is recommended because of superior construction and adaptability to the type of work for which it is needed. Funds are available in the budget of the Physical Plant Department to cover the cost.

One 100,000 lb. capacity proving ring for tension and compression from Morehouse Machine Company, York, Pennsylvania, at a price of $1,100 f.o.b. factory. This equipment is for testing purposes and is non-competitive. Funds are available in the College of Engineering budget to cover the cost.

A contract with the Grasselli Chemical Company for the purchase of acids at stipulated prices for the General Chemical Storeroom in the Urbana Departments until March 31, 1936, the total cost not to exceed $3,000.

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

COMPTROLLER'S REPORT OF CONTRACTS

(32) The following report from the Comptroller of contracts executed since the last report:
Contracts Executed by the Comptroller
April 8 to June 8, 1935

The Illinois State Board for Vocational Education to pay regular fees to the University for instruction to be rendered as follows:

<table>
<thead>
<tr>
<th>Name</th>
<th>Instruction in</th>
<th>Date</th>
<th>Tenure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blanche Thomas</td>
<td>L. A. &amp; S.</td>
<td>April 27, 1935</td>
<td>One semester from February 6, 1935</td>
</tr>
</tbody>
</table>

Cooperative agreement as authorized by Board of Trustees in meeting of April 20, 1935 (Minutes, page 165):

<table>
<thead>
<tr>
<th>Name</th>
<th>Amount to be received by the University</th>
<th>Date</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tobacco By-Products and Chemical Company</td>
<td>$1,000</td>
<td>March 15, 1935</td>
<td>To study nicotine combinations as insecticides</td>
</tr>
</tbody>
</table>

Lease as authorized by Board of Trustees in meeting of February 23, 1935 (Minutes, page 132):

<table>
<thead>
<tr>
<th>Name</th>
<th>Amount to be paid by the University</th>
<th>Date</th>
<th>Tenure</th>
<th>Property</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illinois Central Railroad Company</td>
<td>$1.00 per year</td>
<td>March 8, 1935</td>
<td>June 1, 1935 to June 1, 1940</td>
<td>Prairie remnants adjoining right-of-way, for use of Biological Departments</td>
</tr>
</tbody>
</table>

Lease renewal executed under general regulations of the Board of Trustees:

<table>
<thead>
<tr>
<th>Name</th>
<th>Rental to be received by the University</th>
<th>Date</th>
<th>Tenure</th>
<th>Property</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illinois Bell Telephone Company</td>
<td>$554.80 per year</td>
<td>April 30, 1935</td>
<td>One year from January 1, 1935</td>
<td>124 pairs of underground cables</td>
</tr>
</tbody>
</table>

Lease authorized by the Board of Trustees April 27, 1935 (Minutes, page 178):

<table>
<thead>
<tr>
<th>Name</th>
<th>Amount to be received by the University</th>
<th>Date</th>
<th>Tenure</th>
<th>Property</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chester D. Speakman</td>
<td>$780</td>
<td>May 7, 1935</td>
<td>One year from July 1, 1935</td>
<td>1758 West Polk St., Chicago</td>
</tr>
</tbody>
</table>

Agreement for the establishment of a special research assistantship, as authorized by the Board of Trustees, May 6, 1935 (Minutes, page 184):

<table>
<thead>
<tr>
<th>Name</th>
<th>Amount to be received by the University</th>
<th>Date</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dairy and Ice Cream Machinery and Supplies Association</td>
<td>$600</td>
<td>May 8, 1935</td>
<td>Study of problems in dairy husbandry</td>
</tr>
</tbody>
</table>

Agreement as authorized by the Board of Trustees, May 6, 1935 (Minutes, page 185):

<table>
<thead>
<tr>
<th>Name</th>
<th>Amount to be received by the University</th>
<th>Date</th>
<th>Tenure</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roselawn Cemetery Association</td>
<td>Indefinite</td>
<td>March 1, 1935</td>
<td>One year from date, with provision for extension</td>
<td>Maintenance of Roselawn Cemetery by the University</td>
</tr>
</tbody>
</table>

This report was received for record.

Gifts to the University

(33) The following report of gifts received by the University since the last report:

The General Electric Company, a 300 ampere arc welding set to the Department of Civil Engineering. (The regular commercial price of this equipment is $700, and the educational price is $466.67.)

American Otological Society, $2,500 to Dr. E. A. Culler, of the Department of Psychology, for certain research work.

Association of Manufacturers of Chilled Car Wheels, $200 for research work on the heat resistance of car wheels, (previous gifts, April 11, 1934, and April 20, 1935); also $200 for research work on the strength of chilled car wheels, (previous gifts February 24, 1934, April 11, 1934, and April 20, 1935).

American Dry Milk Institute, $100 for research work on calcium in foods. (Original gift accepted July 11, 1934, Minutes, page 4.)
Kappa Delta Pi (Alpha Chapter), $50 to be used as a student loan fund.
Continental Oil Company of Ponca City, Oklahoma, $1,500 for the renewal of its fellowship for research work in the Department of Chemistry.
National Warm Air Heating and Air Conditioning Association, $800 for immediate use toward the support of a summer cooling program in the Research Residence of the University.

This report was received for record.

DEATH BENEFIT—JOSEPH LEPAK
(34) A report of the death on April 30, 1935, of Mr. Joseph Lepak, Technician in the Department of Pathology of the College of Medicine. He had been in the service of the University since September 1, 1921. The death benefit in his case is $815.00. The Comptroller has been authorized to make payment to the designated beneficiary.

On motion of Mr. Barr, this action was approved.

LORADO TAFT LECTURESHIP IN ART FUND
(35) A recommendation from the Chairman of the Taft Lectureship in Art Fund Committee and the University Comptroller that $1,000 of the $2,172.95 balance in the Taft Lectureship in Art Fund be transferred from the interest fund to the principal fund of this endowment inasmuch as not more than the remaining $1,172.95 will be needed for lectures next year.

On motion of Dr. Meyer, this transfer was authorized.

KATE NEAL KINLEY MEMORIAL FELLOWSHIP
(36) A report that Mr. Stanley Fletcher, of Ann Arbor, Michigan, has been appointed to the Kate Neal Kinley Memorial Fellowship; and that Miss Olive Miriam Buchholz, of Urbana, Illinois, has been appointed alternate.

This report was received for record.

E. A. WALLACE MEMORIAL SCHOLARSHIPS
(37) A report that J. A. C. Schulte and Wayne Munsch, of Havana, have been nominated by the Board of Education of Havana, Illinois, to hold the E. A. Wallace Memorial Scholarships for the academic year 1935-1936.

These scholarships were awarded as recommended.

AGREEMENT WITH THE CORN PRODUCTS REFINING COMPANY FOR STUDY OF USE OF CERELOSE IN THE MANUFACTURE OF ICE CREAM
(38) A recommendation from the Director of the Agricultural Experiment Station that an agreement be authorized with the Technical Service Department of the Corn Products Refining Company of Argo, Illinois, for the employment of a research assistant to study the use of cerelose in the manufacture of ice cream, the work to be done at the University under the direction of the Department of Dairy Husbandry in the Agricultural Experiment Station. The agreement is for six months from July 1, 1935, with provision for its extension, and the Corn Products Refining Company has agreed to contribute $1,500 to pay the salary of a research assistant and other expenses. The agreement meets all of the requirements of the Board governing such cooperative investigations.

On motion of Mr. Barr, this agreement was authorized.

LABORATORY FEES IN THE URBANA DEPARTMENTS
(39) A recommendation that the following schedule of laboratory fees for the various courses offered in the Departments at Urbana and Champaign for the year beginning September 1, 1935, be adopted:

On motion of Mrs. Plumb, these fees were approved.
<table>
<thead>
<tr>
<th>Department</th>
<th>Fee</th>
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<tbody>
<tr>
<td>Agricultural Economics I</td>
<td>$50</td>
</tr>
<tr>
<td>Agricultural Engineering I</td>
<td>100</td>
</tr>
<tr>
<td>Agricultural Engineering 3</td>
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</tr>
<tr>
<td>Agricultural Engineering 20</td>
<td>150</td>
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<tr>
<td>Agricultural Engineering 21</td>
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</tr>
<tr>
<td>Agricultural Engineering 28</td>
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<tr>
<td>Agricultural Engineering 51</td>
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<tr>
<td>Agronomy 32</td>
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<tr>
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<tr>
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<tr>
<td>Art 24b</td>
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<td>Art 25a</td>
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<td>Art 44a</td>
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<tr>
<td>Art 46a</td>
<td>250</td>
</tr>
<tr>
<td>Art 46b</td>
<td>125</td>
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<td>Art 47</td>
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<td>Art 48</td>
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<td>Art 50</td>
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<td>Art 51b</td>
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<td>Botany 33 (5 hours)</td>
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<td>Botany 34 (5 hours)</td>
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<td>Botany 55</td>
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<td>Botany 56</td>
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<tr>
<td>Botany 60</td>
<td>100</td>
</tr>
<tr>
<td>Botany 70 (per hour)</td>
<td>50</td>
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<tr>
<td>Botany 77 (per hour)</td>
<td>50</td>
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<td>Botany 170 (per unit)</td>
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<tr>
<td>Botany 180 (per unit)</td>
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</tr>
<tr>
<td>Business Organization and Opera-12a</td>
<td>500</td>
</tr>
<tr>
<td>Business Organization and Opera-12b</td>
<td>500</td>
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<tr>
<td>Ceramics 4</td>
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<td>Chemistry 32</td>
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<tr>
<td>Chemistry 33</td>
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<tr>
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<td>1500</td>
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<td>Chemistry 38a</td>
<td>1800</td>
</tr>
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<td>Chemistry 43</td>
<td>750</td>
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<tr>
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<tr>
<td>Chemistry 61a-61b (per semester)</td>
<td>1000</td>
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<tr>
<td>Chemistry 74b</td>
<td>600</td>
</tr>
<tr>
<td>Chemistry 90a-90b (per laboratory</td>
<td>2000</td>
</tr>
<tr>
<td>hour per semester)</td>
<td>2000</td>
</tr>
<tr>
<td>Chemistry 91b</td>
<td>300</td>
</tr>
</tbody>
</table>

*To be charged unless instructor certifies student is not using materials in his testing work.*
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 127c-127d</td>
<td>(per ¼ unit)</td>
<td>2 50</td>
</tr>
<tr>
<td>Chemistry 134</td>
<td>(per ¼ unit)</td>
<td>3 00</td>
</tr>
<tr>
<td>Chemistry 152b</td>
<td>(per ¼ unit)</td>
<td>2 50</td>
</tr>
<tr>
<td>(1) If unit value is given (per ¼ unit, maximum value $12.50)</td>
<td>2 50</td>
<td></td>
</tr>
<tr>
<td>(2) If unit value is not given (second and third year graduate students)</td>
<td>12 50</td>
<td></td>
</tr>
<tr>
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<td></td>
<td>1 00</td>
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<tr>
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<tr>
<td>Dairy Husbandry 10</td>
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<td>Dairy Husbandry 14</td>
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<td>2 00</td>
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<tr>
<td>Dairy Husbandry 22</td>
<td></td>
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</tr>
<tr>
<td>Dairy Husbandry 24b</td>
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<td>2 00</td>
</tr>
<tr>
<td>Electrical Engineering 48</td>
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<tr>
<td>Electrical Engineering 84</td>
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<td>2 00</td>
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<tr>
<td>Electrical Engineering 85</td>
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<tr>
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<td>1 00</td>
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<tr>
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<tr>
<td>Horticulture 9</td>
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</table>

*To be charged unless student is registering for lecture only.*
<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
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<tr>
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<tr>
<td>Horticulture 32a</td>
<td>2.50</td>
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<tr>
<td>Horticulture 32b</td>
<td>2.50</td>
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<tr>
<td>Journalism 33</td>
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<tr>
<td>Horticulture 34</td>
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<tr>
<td>Horticulture 53</td>
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<tr>
<td><strong>Music</strong> (for each two hours of credit in courses in applied music Nos. 42a-47b; 52a-57d; 62a-67b; 72a-77b; 82a-87b; 92a-97d) taken by students not enrolled in a curriculum in music)</td>
<td>25.00</td>
</tr>
<tr>
<td><strong>Physical Education, any course:</strong></td>
<td></td>
</tr>
<tr>
<td>Assess each person, man or woman, each semester, in addition to laboratory fees as indicated below, a locker fee of</td>
<td></td>
</tr>
<tr>
<td>Physical Education for Men 1</td>
<td>1.00</td>
</tr>
<tr>
<td>Physical Education for Men 2</td>
<td>1.00</td>
</tr>
<tr>
<td>Physical Education for Men 4</td>
<td>1.00</td>
</tr>
<tr>
<td>Physical Education for Men 5</td>
<td>1.00</td>
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<tr>
<td>Physical Education for Men 6</td>
<td>1.00</td>
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<td>Physical Education for Men 34</td>
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<tr>
<td>Physical Education for Women 73</td>
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<td>(Sections B and C only)</td>
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<td>Law courses for students of colleges other than Law (per hour)</td>
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<tr>
<td><strong>Locker fee (see Physical Education)</strong></td>
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<tr>
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<td>Mechanical Engineering 61</td>
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<td>Mechanical Engineering 64</td>
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<td>Mechanical Engineering 85</td>
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<td>Mechanical Engineering 87</td>
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<td>Mechanical Engineering 88</td>
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<td>Metallurgical Engineering 9</td>
<td>3.00</td>
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<td>Mining Engineering 9</td>
<td>1.50</td>
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<tr>
<td>Mining Engineering 10</td>
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<tr>
<td>Mining Engineering 64</td>
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</tr>
</tbody>
</table>

*To be charged unless instructor certifies student is not using materials in his testing work.*
### RESEARCH ON WILDLIFE PROBLEMS AND GAME MANAGEMENT PROGRAMS IN COOPERATION WITH UNITED STATES DEPARTMENT OF AGRICULTURE

(40) The Bureau of Biological Survey of the United States Department of Agriculture announces that Federal funds may be available to sponsor in a number of regional states research on wildlife problems and game management programs. To insure the success of the proposed program it will be necessary for the Biological Survey to have the cooperation of colleges of agriculture of state universities and state game commissions, or equivalent agencies, when such projects are undertaken. The University of Illinois has been asked if it will be willing to participate in this project. The plan contemplates the expenditure of $18,000 a year—$6,000 to be provided by the Bureau of Biological Survey, $6,000 by the University, and $6,000 from some State agency. The Biological Survey will supply a biologist trained in research and game management at a salary of between $2,500 and $3,500, and an additional allotment of government funds to bring its contribution to $6,000 annually. The University will be required to furnish laboratory facilities and equipment and such services from its scientific staff as may be equal to the $6,000 annual funds from the Federal Government. The State game department or commission will be required to contribute cash funds, or its equivalent, according to the needs, of a similar amount and in return it may expect that problems of research and game management, which exist or may arise in Illinois, will become the research objectives of the organization in this State. It is proposed that this arrangement be made for a five-year period.

On motion of Mr. Barr, this project was approved in principle, with the understanding that a definite program shall be submitted to the Board for final action.

### ENDOWMENT FUND INVESTMENTS

Mr. Karraker, for the Finance Committee, reported the following transactions involving endowment funds:

The renewal of the Matthew Dunn first mortgage (farm) for $1,600 for five years, at five per cent.

The sale of the interest coupons of $5,000 German International Bonds, 5½ per cent, at the market, approximately 50 (Babcock trust).

The settlement of the Shelton mortgage ($1,350, Babcock endowment) for $1,000 plus interest to date (approximately $40).

On motion of Mr. Barr, these actions were confirmed.

### DEGREES CONFERRED IN JUNE, 1935

The Secretary presented for record the following list of degrees conferred at the annual Commencement in June.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speech 11</td>
<td>5</td>
<td>00</td>
</tr>
<tr>
<td>Theoretical and Applied Mechanics 63</td>
<td>2</td>
<td>50</td>
</tr>
<tr>
<td>Theoretical and Applied Mechanics 64</td>
<td>1</td>
<td>50</td>
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<tr>
<td>Zoology 1</td>
<td>3</td>
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<tr>
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<tr>
<td>Zoology 3</td>
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<td>00</td>
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<td>3</td>
<td>25</td>
</tr>
<tr>
<td>Zoology 6</td>
<td>4</td>
<td>00</td>
</tr>
<tr>
<td>Zoology 9 (per credit hour)</td>
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<td>75</td>
</tr>
<tr>
<td>Zoology 10a</td>
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<td>100</td>
</tr>
<tr>
<td>Zoology 11 (per credit hour)</td>
<td></td>
<td>75</td>
</tr>
<tr>
<td>Zoology 16</td>
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<td>2</td>
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<tr>
<td>Zoology 22</td>
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<td>4</td>
</tr>
<tr>
<td>Zoology 25 (per credit hour)</td>
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<td>100</td>
</tr>
<tr>
<td>Zoology 31</td>
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<td>Zoology 63</td>
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<td>4</td>
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<tr>
<td>Zoology 74</td>
<td></td>
<td>2</td>
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</tbody>
</table>

*Also applies to students in other courses taking Easter vacation trip as assignment.*
### SUMMARY OF DEGREES, JUNE, 1935

**Degrees in the Graduate School, conferred at Urbana:**

<table>
<thead>
<tr>
<th>Degree</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Arts</td>
<td>52</td>
</tr>
<tr>
<td>Master of Science</td>
<td>67</td>
</tr>
<tr>
<td>Electrical Engineer</td>
<td>1</td>
</tr>
<tr>
<td>Mechanical Engineer</td>
<td>2</td>
</tr>
<tr>
<td>Engineer of Mines</td>
<td>1</td>
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<tr>
<td>Doctor of Philosophy</td>
<td>58</td>
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</table>

*Total, Graduate School, Urbana...* 181

**Baccalaureate Degrees, conferred at Urbana:**

<table>
<thead>
<tr>
<th>Degree and College</th>
<th>Number</th>
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</thead>
<tbody>
<tr>
<td>Bachelor of Arts, College of Liberal Arts and Sciences</td>
<td>345</td>
</tr>
<tr>
<td>Bachelor of Science, College of Liberal Arts and Sciences</td>
<td>97</td>
</tr>
<tr>
<td>Bachelor of Science, College of Commerce</td>
<td>201</td>
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<tr>
<td>Bachelor of Science, College of Engineering</td>
<td>171</td>
</tr>
<tr>
<td>Bachelor of Science, College of Agriculture</td>
<td>109</td>
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<tr>
<td>Bachelor of Science, College of Education</td>
<td>240</td>
</tr>
<tr>
<td>Bachelor of Science, School of Journalism</td>
<td>55</td>
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<tr>
<td>Bachelor of Science, Library School</td>
<td>53</td>
</tr>
<tr>
<td>Bachelor of Science, School of Physical Education</td>
<td>22</td>
</tr>
<tr>
<td>Bachelor of Science, College of Fine and Applied Arts</td>
<td>50</td>
</tr>
<tr>
<td>Bachelor of Fine Arts, College of Fine and Applied Arts</td>
<td>30</td>
</tr>
<tr>
<td>Bachelor of Music, College of Fine and Applied Arts</td>
<td>9</td>
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</tbody>
</table>

*Total, Baccalaureate Degrees, Urbana...* 1,382

**Degrees in Law, conferred at Urbana:**

<table>
<thead>
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<th>Degree</th>
<th>Number</th>
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<tbody>
<tr>
<td>Bachelor of Laws</td>
<td>49</td>
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</tbody>
</table>

*Total, Law...* 49

*Total, Degrees conferred at Urbana...* 1,612

**Degrees in Medicine, conferred at Chicago:**

<table>
<thead>
<tr>
<th>Degree and College</th>
<th>Number</th>
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</thead>
<tbody>
<tr>
<td>Bachelor of Science in Medicine</td>
<td>80</td>
</tr>
<tr>
<td>Certificate in Medicine</td>
<td>(125)</td>
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<tr>
<td>Bachelor of Medicine</td>
<td>2</td>
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</table>

*Total, Medicine...* 82

**Degrees in Dentistry, conferred at Chicago:**

<table>
<thead>
<tr>
<th>Degree and College</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Science in Dentistry</td>
<td>13</td>
</tr>
<tr>
<td>Doctor of Dental Surgery</td>
<td>21</td>
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</table>

*Total, Dentistry...* 34

**Degrees in Pharmacy, conferred at Chicago:**

<table>
<thead>
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<th>Number</th>
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<tbody>
<tr>
<td>Pharmaceutical Chemist</td>
<td>79</td>
</tr>
<tr>
<td>Bachelor of Science in Pharmacy</td>
<td>13</td>
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</table>

*Total, Pharmacy...* 92

**Degrees in the Graduate School, conferred at Chicago:**

<table>
<thead>
<tr>
<th>Degree</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doctor of Philosophy</td>
<td>1</td>
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<tr>
<td>Master of Arts</td>
<td>1</td>
</tr>
<tr>
<td>Master of Science</td>
<td>6</td>
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</tbody>
</table>

*Total, Graduate School, Chicago...* 8

*Total, Degrees conferred at Chicago...* 216

*Total, Urbana and Chicago, June, 1935...* 1,828

---

1. Showing the completion of four years of work—not counted as degrees.
Degrees conferred in August, 1934........................................ 117
Degrees conferred in October, 1934...................................... 204
Degrees conferred in February, 1935.................................... 248
Doctor of Medicine, conferred since June 10, 1934................. 145

Total, Degrees conferred since Commencement in June, 1934.... 714

Grand Total................................................................. 2,542

Degrees Conferred June 10, 1935, at Urbana

GRADUATE SCHOOL

Degree of Doctor of Philosophy

In Agronomy
ROBERT ESTES FORE, B.S., Iowa State College, 1929; M.S., 1931.

In Animal Husbandry
WESLEY PATTERSON GARRIGUS, B.S., Connecticut Agricultural College, 1931; M.S., 1933.

In Bacteriology
WILLIAM ARTHUR MILLER, B.S., 1929; M.S., University of Pennsylvania, 1931.

In Botany
ORIE JACOB EIGSTI, A.B., Goshen College, 1931; A.M., 1933.
CHARLOTTE LIEBTAG GRANT, A.B., DePauw University, 1926; A.M., 1927.

In Chemistry
WARRENCOGTNASHLEY, B.S., M.S., 1929, 1930.
WILLIAM FRANK BRADLEY, A.B., 1930.
J O H N EWART CLEMENS, A.B., 1930.
LOTTOKARLBEHRFXS, A.B., DePauw University, 1932; A.M., 1933.
WILLIAM FRANK BRADLEY, A.B., 1930.
JOHN EWART CLEMENS, A.B., 1930.
LADDIE FRANCIS DOBRY, B.S., 1930; M.S., Purdue University, 1932.
JOHN CLIFFORD ECK, B.S., Montana State College, 1931; M.S., 1932.
CARLIN FRARY GIBBS, B.S., Knox College, 1930; M.S., 1932.
WILLIAM EDWARD HANFORD, B.S., Philadelphia College of Pharmacy and Science, 1930; M.S., 1932.

In Classics

In Economics
THOR WILLIAM BRUCE, A.B., Lawrence College, 1923; A.M., 1931.
WILLIAM EDWARD FOLZ, B.S., Evansville College, 1927; M.S., 1933.
WAYNE LINTON McMILLEN, B.S., M.S., 1932, 1933.
MERTEN JOSEPH MANDEVILLE, B.S., M.S., 1921, 1922.
JOHN JUNIOR THORNBORROW, B.S., M.S., 1932, 1933.
PAUL MARION VAN ARSDELL, B.S., M.S., 1927, 1929.

In Education
DONALD LEROY QUINSEY, B.S., M.S., 1924, 1932.

In Engineering
MAX SUTER, Diplom Ingenieur, Federal Polytechnic School (Switzerland), 1913; M.S., 1933.
DAVID EDGAR WIEGAND, B.S., M.S., 1931, 1932.

In English
JAMES PAUL BRAWNER, A.B., A.M., Washington and Lee University, 1924, 1925.

In German
GERRIT HERMANN RUDOLPH MEMMING, A.B., A.M., 1932, 1933.

In History

In Mathematics
JAMES AVAS COOLEY, A.B., A.M., Indiana University, 1928, 1929.
GERALD BOONE HUFF, A.B., A.M., Southern Methodist University, 1929, 1930.

In Physics
RICHARD KAUFMAN COOK, B.S., M.S., 1931, 1932.
RICHARD JAMES DUFFIN, B.S., 1932.
TULLY FRANKLIN WATSON, A.B., M.S., University of Oklahoma, 1928, 1930.

In Political Science

In Psychology
GLEN FINCH, A.B., DePauw University, 1930; A.M., 1931.

In Romance Languages
GEORGE HAUSBROUQ PERRINE, A.B., Hamilton College, 1925; A.M., 1928.
CECIL LEWIS RHEE, Ph.B., University of Chicago, 1919; A.M., 1927.

In Zoology

Professional Degrees in Engineering
Degree of Electrical Engineer
CARL ANDERS BORGESON, B.S., 1925; M.S., New York University, 1933

Degree of Engineer of Mines
CHARLES HULBERT DODGE, B.S., 1924; M.S., Carnegie Institute of Technology, 1925

Degree of Mechanical Engineer
FREDERICK MOORE LITTELL, B.S., 1928
CHESTER J. SCANLAN, B.S., 1919
Degree of Master of Arts

In Architecture
OLAF STAVSING FJELDE, B.S., University of Minnesota, 1924
WILLIAM ALLAMAN GANSTER, B.S., 1930
JOSEPH STEIN, B.S., 1934

In Botany
VIRGINIA BEATRICE GANGSTAD, A.B., 1934
NELVA MARGARET WEBER, A.B., Illinois Wesleyan University, 1931; B.F.A., 1934
ROBERT WALL SAPPE, A.B., Duke University, 1934

In Chemistry

In Classics
ALICE BERNADINE ABBE BREWER, B.Ed., Eastern Illinois State Teachers College, 1925
HELEN MARIE GRABNER, A.B., Wheaton College, 1934
NATALIE ELIZABETH HUNTER, A.B., MacMurray College, 1934
BERTIL SORENSSEN LARSEN, A.B., Carthage College, 1934
NATHALIE LYTLE, A.B., Monmouth College, 1934
MARY MINERVA MCINTIRE, A.B., 1906

In Economics
LESTER EVERETT KILPATRICK, A.B., Geneva College, 1934
GLENN WASSON MILLER, B.Ed., Southern Illinois State Normal University, 1934
SAMUEL JOSEPH NAYLOR, A.B., Carthage College, 1933
JOSEPH MANFRED THOMPSON, A.B., 1934

In Education
ARTHUR GRANT ADAMS, B.S., Central Missouri State Teachers College, 1926
LELAND POWERS BRADFORD, A.B., 1931
MERRILL CLIFFORD FAULK, A.B., 1917
FRED CLARK HILL, A.B., 1934
FOSTER WOOD MCCARTY, A.B., 1931
ROBERT SCHUMANN TRASK, A.B., Knox College, 1933

In English
EMERALD GARRETT BALLARD, A.B., A.M., University of Mississippi, 1931
VERNITA M. CRAWFORD, A.B., 1926
ANNE ELIZABETH LAUTERBACH, A.B., Northwestern University, 1933
STEFANIA THORLAKSON, A.B., Wheaton College, 1924

In Geography
ALDEN DENGEL COTSHALL, B.Ed., Eastern Illinois State Teachers College, 1932

In History
MARTIN PAUL CLAUSEN, A.B., 1934
EDMUND SNIVELY, A.B., 1933
EDWARD GEORGE WELTIN, A.B., 1934

In Library Science
DONALD WINSTON KOHLSTETD, A.B., B.S.(Lib.), 1929, 1930
GLENN ROBERT MAYNARD, B.S., Bradley Polytechnic Institute, 1931; B.S.(Lib.), 1933
ARNOLD WHITNEY ROSAEN, A.B., Iowa State University, 1928; B.S.(Lib.), 1929

In Mathematics
WILLIAM HENRY GREEN, B.Ed., Eastern Illinois State Teachers College, 1927
SAMANTHA GERTRUDE HENDRICK, A.B., DePauw University, 1926
MARY OONA MARQUARDT, A.B., 1932
MIRIAM ENID NASH, A.B., James Millikin University, 1934
ROBERT MIDLOW THALL, A.B., Illinois College, 1935
In Political Science
NILS BERNHARD BERDAHL, A.B., Augustana College (S.D.), 1932
JEAN ISABELLE GERBER, B.S., 1933
JULIAN DONALD MORGAN, A.B., 1934

In Romance Languages
ALICE JANETTE CRUZE, A.B., University of Arkansas, 1934
MARIE LOUISE MICHAUD, A.B., 1934
VIRGIL LESLIE SIKES, A.B., 1933
CATHERINE GERALDINE WILLIAMS, A.B., 1934
FAITH STAFA WILLIAMS, A.B., Wheaton College, 1930

In Sociology
MARGUERITE KENNEDY BERG, A.B., 1919

In Transportation
ROBERT CHENG-SIEN CHEN, B.S., Chiao-Tung University, 1931

In Zoology
SHELDON EDWARD DOMM, A.B., North Central College, 1934
MARY MILDRED DUNLAB, A.B., Oklahoma College for Women, 1931
RUSSELL PERRY HAGER, A.B., Bates College, 1934
WALTER HENRY LEIGH, A.B., Greenville College, 1934

Degree of Master of Science
In Accountancy
LOWRY FRANK McKEE, B.S., Oklahoma Agricultural and Mechanical College, 1934
HENRY VIRGINIUS MOORE, B.S., College of William and Mary, 1933

In Agricultural Economics
JULIUS WAYNE REITZ, B.S., Colorado Agricultural College, 1930

In Agronomy
LARUE CLAUDE CHAPMAN, B.S., 1933

In Architecture
HARRIS ATTERIDGE KEMP, B.S., 1934

In Bacteriology
JOSEPH ORTAN ALBERTS, B.S., 1934
MILDO DONALDSON APPLEMAN, A.B., 1931

In Ceramic Engineering
WILLIAM BOLINGBROKE SILVERMAN, B.S., 1933

In Chemistry
RICHARD THOMAS ARNOLD, B.Ed., Southern Illinois State Normal University, 1934
GLEN ELIPHALET BABCOCK, B.S., 1933
FRANK ELLIOT BIRKETT, B.S., 1933
WILLIAM ALFRED FESSLER, B.S., University of Tulsa, 1934
ELLSWORTH HENDERSON, A.B., Illinois College, 1932
MADISON HUNT, A.B., 1934
FRANK GEORGE JONELIS, B.S., 1934
CHARLES MARTIN LYDY, B.S., 1934
BERNARD CHARLES MARKLEIN, B.S., 1934
ARTHUR LESLIE NEAL, B.S., Monmouth College, 1934
UNIVERSITY OF ILLINOIS

CHARLES EDWARD NIEHAUS, B.S., 1933
LESLIE BYRON POLAND, B.Ed., Illinois State Normal University, 1934
HAROLD JAMES READ, B.S., 1934
MARVIN TOUSBAND SCHMIDT, B.S., 1934
HORACE MARION TENNEY, B.S., Greenville College, 1931
WILLIAM GLEN TILBURY, B.Ed., Illinois State Normal University, 1928
HARRY TUTHILL VAIL, B.S., Wayne University, 1934
RICHARD HAVEN WILEY, A.B., 1934

In Civil Engineering
GEORGES ECONOMOU, B.S., Robert College, 1934
FERHAT RASIT ERGÜN, B.S., Robert College, 1934
MEHMET CEMIL İZ, B.S., Robert College, 1931
GEORGE CONSTANTIN KARADJOPOULOS, B.S., Robert College, 1934
YANI TSULUOGLOU (KARPOPOULOS), B.S., Robert College, 1934
HOVHANNES N. KHOBESSERIAN, B.S., Utah State Agricultural College, 1934
MUHITTIN KIAŞIF, B.S., Robert College, 1934
LÜTFİ HİKMET NOURHAN, B.S., Robert College, 1934
SAVAS PANAYOTIDES, B.S., Robert College, 1934
GEORGE THEODORE VALSAMIDIS, B.S., Robert College, 1933

In Dairy Husbandry
MELANCTHON HERBERT ALEXANDER, B.S., 1925
CARL NEWLIN CONOVER, B.S., 1931

In Economics
CHESTER LEROY BLOMBERG, B.S., 1933
ROBERT W. FIELD, B.S., University of Colorado, 1934
PHILOMENA LOIS MARQUARDT, B.S., 1934
BENJAMIN WILSON WEAVER, B.S., 1934

In Education
LEROY JESSE BAKER, B.Ed., Eastern Illinois State Teachers College, 1931
OLAF REYNOLD BLOMQUIST, A.B., Augustana College, 1934
MARJORIE MAE MARRIOTT, B.Ed., Illinois State Normal University, 1934
VIRGINIA LOUISE NOBLE, B.S., Shurtleff College, 1934
WILLARD MILLER RUNYON, A.B., 1924
LEVONA VOIGT, A.B., 1934
FRANK CHAFFIN WILLIS, B.S., 1934

In Entomology
GEORGE KOCH SCHUMAKER, B.S., Pennsylvania State College, 1933

In Geology
JOHN FREDERICK BARRETT, B.S., Beloit College, 1934

In Home Economics
DARLINE MCCREERY KNOWLES, A.B., 1932
ETHEL ROMEYN MARKLAND, B.Ed., Illinois State Normal University, 1931

In Horticulture
WILLIAM HENRY DUIS, B.S., 1933
LUCIAN HART STRUBINGER, B.S., 1926

In Library Science
DOROTHY MOYER HALMOS, A.B., Eureka College, 1924; B.S.(Lib.), 1927
MYRTLE IRENE McNEIL, B.S., University of Vermont, 1920; B.S.(Lib.), New York State Teachers College, 1931
In Mathematics

Mildred Ardell Norval, B.S., 1934

In Physics

George Kenneth Green, B.S., 1933
Robert DuWayne Miller, A.B., Knox College, 1934
John Marshall Nash, B.S., 1932

In Psychology

Cora Elisabeth De Boer, B.S., Northwestern University, 1934

In Theoretical and Applied Mechanics

Stanley Urner Benscoter, B.S., 1932

In Zoology

Harlow Whiting Ades, B.S., 1934
Theelma Fish Brown, B.S., 1932
Samuel Wilbur Howe, B.Ed., Southern Illinois State Normal University, 1925
Robert Gust Lindeborg, B.S., 1934

College of Liberal Arts and Sciences

Degree of Bachelor of Arts

In Liberal Arts and Sciences

Isabel Larsena Adams, with Honors in History
Drusilla Aben
Glenn Wakefield Allen
Richard Allyn, with High Honors in Zoology
Jean Baird Almy, with High Honors in Bacteriology
Benjamin Bernard Alston
Glenn Charles Ames
Harold Louis Andersen
Charles Roy Anderson
Genevieve Sarah Anderson
Alice Jacquette Appelt, with Honors in French
Jean Armstrong, with High Honors in French
John Barr Armstrong
Gerald Leroy Arnett
Mary Alice Arnold
Fred Courtney Arthur, with High Honors in English
Margaret Frances Askren, with Honors in French
James Thomas Atkinson
Charlotte Theodora Baer
Ted Welling Baer
Roscoe Lawrence Ball, Jr.
Harry Banoff, with High Honors in Physics
Henrietta Elaine Barlow, with Honors in English
Frank Claude Barnes
Robert Gilmore Barrick, with Honors in Chemistry
Sam Barth
Helen Louise Bartlett
Parker Reynolds Beamer, with High Honors in Bacteriology
Louis Ernest Beckman, Jr.
Milford James Benham
Rochelle Bernstein
Edward Philip Berry
John True Beynon
Oscar Hoy Bizzelle
Charles Theodore Black, with High Honors in Zoology
Harry Bletweiss, with Honors in German
Katherine Ann Block
Walter Henry Blumenkamp
Sam Aaron Boorstein
Robert Baumann Borchers
Harriet Vivian Bradbury, with Honors in French
Harold Alton Brader
Marian Louise Bradford
Floyd Eugene Brewer
Esther Briney
Leonard Paul Brodt
Pearl Covert Bromley, with Honors in Psychology
Roy Webster Brooks
Olen Lorraine Browder, Jr., with Honors in Political Science
Mary Louise Brown, with High Honors in Bacteriology
Katherine Frances Burrows
Jean Seaton Cabeen
Leona Edner B. Cain
JOAN LEE CAPERTON
DOROTHY JOY CARSON
FLOYD DAVID CERF, JR.
MARGARET LOUISE CHAMBERLIN
MARY JANE CHANDLER
CHRIS WILLIAM CHIBUCOS
ABRAHAM FREDERICK CITRON
CLINTON OLIVER CLARK, JR.
JAMES WHEELER CLEMENT, with Honors in Chemistry
MARY CATHERINE CODY
CHARLES HOWELLS COFFIN, JR.
NATHANIEL H. COHEN
MARY TEAL CONKLIN
AUBREY OLIVER COOKMAN, JR.
HARRY LYNN COONRADT, with High Honors in Chemistry
RUTH HELEN COOPER
FLOSSIE MADELINE CORDES, with Honors in German
MARY JANE CORVA
GUILFORD HENRY COUCHMAN
MARY ELIZABETH COVER
CHARLES CHASE CURRY, JR.
MARGARET ANN CURTIS
LOUIS ALBERT DAehler
HELMUT OTTO DAHLKE, with High Honors in Sociology
JOSEPH WILLIAM DANELY
HARRIET ISABEL DANLEY, with Honors in Philosophy
MARION MARCELLA DAWSON
JOHN FISHER DAY
SHIRLEY WENTWORTH DAY
SYLVESTER WARREN DICKSON
MARGARETE ALTHEA DONOVAN
WILLIAM MORRIS Dorman
VIOLA RUTH DUNBAR, with High Honors in English
BUELL DUNCAN
THEODORE BRADFORD DURFEE
J. PHILIP DURHAM
MILDRED WORCESTER EASTON
EDNA MAE EDWARDS, with Honors in French
RUTH EILEEN EDWARDS
ARTHUR EUDMAN, JR.
CARROLL GEORGE EKSTROM
WILLIAM FERDINAND EKSTROM, with High Honors in Speech
FRANCES ELEANOR ELFSTRAND
REGINA ESTHER ELKES
ROBERT B. ENGSTROM
LESLIE ALAN EPSTEIN, with Honors in Chemistry
KENNETH NELSON ESLINGER
KENNETH EDWARD EVANS
JOHN DILLON Ewald
SIDDNEY J. EWALD
RUTH ABBIGAIL FERGUSON
CAMILLE FERRARA
JOSEPHINE FERRARA
EVELYN FERRELL
WILLIAM HOSEA FERRELL, with Honors in History
CHARLES RANDALL FLACHMANN
LAWSON HOLLAND FLANAGAN, JR.
ROBERT MARTIN FREDERICKSON
ESTELLE BERNICE FREUND
LILLIAN X. FROST
ELIZABETH FULTON
JOHN DUDLEY GEARON
EVELYN MAY GODDING
KATHRYN MILDRED GRAHAM, with Honors in French
ROBERT HIRAM GREELY
RUTH MARY GREEN
JANICE ELAINE GREIDER, with High Honors in English
DOROTHY MARIE GREIF
GLEN FRANK GRIFFIN
GLEN EVERETT GROSE
JOSEPHINE SARAH HALL
VERNA DOROTHY HALLER
HARRIET MARIE HAMilton
RUTH JANET HAMILTON
WILLIAM FRANCIS HARKINS
EVERETTE BAGBY HARRIS
Hazel Jane HARRISON
MELVILLE DANIEL HARTMAN
PAUL EDWARD HEALY
ROBERT RENWICK HEER
PAUL THEODORE HEERWAGEN
HARRY CONRAD HEIDINGER
BERTHA AMANDA SOFIA HELANDER
CEcilia MARIAN HELLRUNG
JOHN EDMUND HELM
THOMAS ARTHUR HENRY
CATHERINE LOIS HESSEL.SCHWERT, with Honors in Mathematics
HELEN BLANCHE HODGSON
JESSE WALTER HOfer
GEORGE FLORIAN HOUNT
KATHERINE LOUISE HOLLOW
DOROTHY MARIE HUNT
KATHRYN WIXFRED HUXTABLE
REx LEROY Iler
FREDERICK ERSSMAN ISAMLING, JR.
ZELDA SYLVIA ISenberg
MILFREDA LOvelLA JARED
ELIZABETH JOSEPHINE JOHNSON
PAUL JOSEPH KAMINSKI
JOHN GORDON KASBEr
CLARENCE HENRY KAVANAGH, Jr.
ELEANOR KEITH
MARY KEITH
GRACE KELLEY
SUNNY KENNEDY
VIRGINIA MORRIS KEUSINK
DONALD EUGENE KIBBEY
CAROLYN KIMBALL, with Honors in Speech
JEAN ELIZABETH KoeHLER, with Honors in French
BART LEANE Kohn
IRWIN HABELOD KRASS-KESTIN
RUTH JOS PHINE KUHN
LAURANCE WA D LEASAGE, with High
Honor s in French
NANCY LOUISE LEACH
LOUIS EUGENE LEIT ER
ORIAN GREG LEMEN
ALTA HYDE LEWIS, with Honors
in Speech
WAYNE THURL OW LEWIS, with Honors
in Political Science
JAY BENJAMIN LIEBERMAN, with
Honors in Philosophy and
Political Science
ELI ALLAN LIPMAN
IMOGENE LOCKE
JAMES MITCHELL LOGAN
JOHN HERBERT LUND
HELEN JOSEPHINE LUSTER, with
Honors in French
RUTH ANN LYDDON
EDITH LYTLE
MARCELLA ERINGER MACAULEY
DONALD WAYNE MACLOSKEY
CATHERINE CONSTANCE McMAHON
WILLIAM DANIEL McMULLEN
NORMAN ANTON MCMUOWN, with
Honors in German
ROBERT JAMES MACDEN
CATHERINE PORTIA MALCOLM
JOSEPHINE ROSE MALLOY
DOROTHY ELIZABETH MALONE
MARTHA LOUISE MALONEY, with
Honors in Spanish
ELIZABETH KIRWAN MANN
JAMES MANN
RAYMOND WOODROW MASON
MARION LUCILLE MATHEIUS
MARY JANE MATTHEWS
JAMES WALLACE MECKLIN
GRACE MEIER, with Honors in
French
HARRY MEIRKEN
ARNEITA JOHANNA MEISLHIN
INEZ DOBOTHY MELIN
FRANK RICHARD MERCER
LUCKETIA MARIE MICHELS
KATHRYN ELIZABETH MILLER
MARSHALL EVANS MILLER, with
Honors in History
PEARL REBECCA MILLER
JEREMIAH MINEAR, Jr.
ALLEGRA CLAIRE MONTGOMERY, with
High Honors in Philosophy
KATHRYN LULILE MOORE
SHIRLIE L'NEE MOORMAN
CHARLES WILLIAM MORRIS
CONSTANCE AMELIA MOSES
ANTHONY BONIFACE MOTTLE
WALLACE MULBERRY MULLIKEN
MILTON MUMFORD
HELEN ELIZABETH MURPHY
JAMES EDWARD MYERS
DOROTHY LOUISE NICKEL
LOUIS LYNN NICKEL
ANNE TAE CAROLYN NORTON
MARY MARGARET OLMER
CONSTANCE WILBERGER PADDEN
SARAH ALICE PATTEN
FRANCES MYRTLE PATTON
JAMES NELSON PAYNE
GRACE HAZEL PENDLETON
SAM SOLOMON PEPPIN
VIVIAN DADD PETER
KENNETH JOSEPH PETTIGREW
LA NELLE MARIE PHELPS
ALBERT CHADWICK PIERTON
FRANCES LOUISE PLATT
FRANK THEODORE PLATNER, with
Honors in Political Science
BERNICE ERMA POMP
RUTH MILLS POWNALL
ROBERT JAMES PEEL, with High
Honors in Sociology
KATE WILLARD PRIESTLEY, with
Honors in Political Science
ELIZABETH WALKER PROVINE
CHARLES STALEY PUNTNEY
RUTH ELIZABETH PUTNAM
ROBERT WALTER QUAR TON
HUGH LIGHT RAY, Jr.
OWEN JORDAN REAMER, with High
Honors in English
ROBERT LEE REDFERN
RAE HELEN REED
JOHN EVERETT RICHARDS
EDMOND FAIRLIE RICKETTS, with High
Honors in Political Science
KARL VINCENT RICKETTS
WILLIAM LLOYD ROLLER
BERTIL THORSTEN ROSANDER
DONALD IVAN ROTH
ANNA CONSTANCE RUBIN
MARTHA HARTLEY RUSK
HELEN LOUISE RUSSELL
CHARLES BYRON SABIN
FREDDIECK W.AREN SARISBURY
JOHN RINER SANDERS
PATRICIA SARASAN
JOHN PHILIP SAWYER
WINIFRED CATHERINE SCANLON
JOHN HAMMOND SCHACT
IRWIN ALLEN SCHEIN
ANNE TAE VIOLA SCHREYER
ROSE LILLIAN SCHILLER
WALTER PHILL SCHINDEL
MAURICE HAROLD SCHY
JOSEPH WRIGHT SCOTT
VIRGINIA ARENSMAN SCOTT
FRANK LAWRENCE SEAMANS
MARGARET FRANCES SEYBOLD
ELIZABETH K. SHAFFER
CHARLES ELDER SHAYER, JR.
JEANETTE SHEARER
BRUCE DAVIDSON SHEPHERD
GEORGE HARRY SHEVLIN, JR.
CHARLES FRANCIS SHORT
LUTHER LEROY SIEMERS
CLAARA KAY SILVIAN
HERALD MAYER SIMON
SYDNEY OREGINGTON SIMON
WILLARD EVANS SKIDMORE
WILLIAM ALBERT SKOGLUND
LEN HOWARD SMALL
CATHERINE ELIZABETH ELENORE SMITH
MARY CATHERINE SMITH, with
Honors in French
GRACE CASTELLO POPPE SNYDER, with
High Honors in History
JOHN ROBERT SOMMER
MARTHA LUCILE SPICKERMAN
MARJORIE CARTER STEELE
EVELYN ANN STERN
ELIZABETH MARIE STERNE
KATHERINE LOUISE STEIGEMEYER
HELEN SHIRLEY STUMBAUGH
MARY ALICE STUTTLE
DOROTHY LUCILLE SUNDQUIST
IRMA LOUISE SWANK
HELENE ANGELINE SZUMKOWSKI
MARJORIE CAROLINE TAYLOR, with
Honors in History
DON WRIGHT THACKER
AGNES LOOMIS THOMPSON
LA RUE GAYLE THOMPSON
ROBERT BRUCE THOMSON
SIDNEY THEODORE TRAPPE
HILDAMARIE TREESH
EUNICE ELEANOR BAKER
HARRIETT LOUISE BARRETT
MARIE MUIRHEAD DAUGHTERY
VELMA MARIANNE EICHORN
VIRGINIA HINDMAN
HELEN KING, with Honors

In Home Economics

HELEN FAY ROBERTS
ELIZABETH MARY RUNKEL, with
Honors
MARY ELLEN RUSKAMP, with Honors
JACQUELINE FRANCES UTTERBACK

Degree of Bachelor of Science

In Liberal Arts and Sciences

WARREN AMBROSE, with Honors in
Mathematics and Philosophy
CHARLOTTE BAUER
JANE ELIZABETH BECK
LOUIS M. BERMAN
HENRY SCHOLTEN BERNET, with High
Honors in Chemistry
WOODROW FEWELL BOEKE
KENNETH NICHOLAS BOLLEY
DAVID ABRAHAM BOOKHESTER
ROBERTA MAURINE BURKEY
ROBERT WILLIAM COLLETT
ANDREW VICTOR DAHLBERG, JR.
PETER GEORGE DUNCAN
SISTER MARY CLOTILDA GARTLAND
WALLACE WOODROW HAGAN, with High
Honors in Geology
ROY ALAN HIGHSMITH
EVERETTE CARL HOLMGREN
SAMUEL DAR TURILLO
GERALD GALE JOHNSTON
CHARLES WESLEY KERSHNER
RICHARD DOUGLAS KLEENE
MARGARET CHARLOTTE KOLLER
EDWARD FRANK KOSIOR
MILTON WOODROW KRISMAN
BRUNO Kvetinskas
JEANETTE IRENE LILJEQUIST
JACOB JACK LISS
GEORGE EASTMAN LYNN
JULIE JANET MCHALE
JAMES ALVAN MCHARD
JAMES CHARLES MCALLEN
ARTHUR MARCOVITZ
WILLIAM ALBERT NEWTON, with Honors in Geology
GEORGE BUSCH PHELPS
MATTIE GAILLARD PITNER

LEO LEIFF ROSEMAN
ALVIN GEORGE SHARP
MARGARET MAE SNIDER
MARION GRACE SPIVEY, with Honors in Physics
CHESTER HENRIE STOKES
JOHN EDWARD SULLIVAN, JR.
CHARLES GUSTAV TILGNER
HELEN CELESTE VOGEL
LEONARD WIRTH
WILLIAM FREDRICK WRAITH

In Chemistry

LESTER DONALD APPerson
SAM BERNARD BECKER
HAROLD ALEXANDER CAMPBELL
HARRY GARRETT CLAY
ROBERT ELIHU EDWARDS, JR.
MYRON ANDREW ELLIOTT, with Honors in Chemistry
JOHN HARNESS HASLAM
RICHARD JAMES Hickey
PHILIP NATHAN LIPSON
FRED TAYLOR MARSHALL

ROBERT LEE MAY
JOSEPH LAWRENCE MURPHY
EDWARD ANDREW OBERRIGHT
JACOB Oser
JAMES LAMINER RAINey, with Honors in Chemistry
DONALD AARON RAPPoRt
JULIAN GILBERT RYAN
HARRY SLOsBERG
GLENN PURCELL SMITH
RUSSELL FRANCIS STEDMAN
BENJAMIN TABEnkIN

In Chemical Engineering

CANDELARIO MATA ALMENDRAS
JOHN HUffMAN BALDWIN
WILLIAM JOHN BENgel
JOHN EDWARD BURGESS
MERLE H. CHAMBERLIN
CHARLES KENNETH COOPER
MARTIN DAVIDSON DANFORD
HAROLD SYLVESTER DUMAMEL
EUGENE ALLAN FISCHER
JULES WESLEY FLORETH
RALPH VERNON GREEN
HENRY ALLEN HOLLer
JOSEPH FRANK HOudek
ROBERT DALE JacobSON, with Honors in Chemical Engineering
EUGENE LED KLEIn
WILLIAM MONDENG LANGDON
HARRY WEBER McCulloCH, JR.

VICTOR GERALD MEADOWS, with High Honors in Chemical Engineering
ALFONSO MONTERO
EDMOND S. PERACCHIO
LOUIS PLAMBECK, JR., with Honors in Chemical Engineering
WALTER A. PPyR
THOMAS PATRICK QUINN
ROBERT CHARLES REINHARDT
CLEMENT EDWARD ROWE
JAMES PHILIP SHAMBAUGH
JAMES WILLIAM STARRtte
GILBERT LESTER STUNKARD
RICHARD DONALD TURNer
ERNest MITCHELL WHITNEY
HARRY LENTZ WILLARD
NORMAN BURNS WILSON
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ISABELLE J. KINSella
Edward Charles Konchal, with Honors
Carroll Frederick Miller, with High Honors
Charles Wallace Morton
Edward Raymond Nelson
Richard John Piech
Roy Samuel Ricketts
William Alex Ropa
Emery Gaythor Rutherford

Milton Robert Schachtman
Wilbur Henry Schafer
Arthur Robert Seass, with Honors
Ruth Eva Shayman
Edwin Earl Sherman
Lyie Edward Thompson
Sawyer Arnold Tuller, with Honors
John Elmendorf Watte, with Honors
Wilbur Mason Young, with High Honors

In Banking and Finance

LeRoy Allison
Clarence Malcolm Anderson
Richard Cary Coddington
Jacques Andre Dufresne
Robert Childs Evans
William Joseph Friend
James Thomas Greene, Jr.
Robert William Grim, with High Honors
Martin August Harnisch
Gardner Wilson Heidrick
George Richard Klein

John Leo McNeil
Alvin Merritt Mickelson
Francis Marion Mitchell
Gene Werner Palmer
Stanley Donald Pitzer
Raymond Glenn Schneider
Benjamin Peter Schrumpf
Clifford John Stange
William Nurnberg Taylor
John Wesley Usborne
Irwin Richard Valenta

In Commercial Teaching

Ruth Elizabeth Fisher

In Commerce and Law

Harvey Heath Acton
Louis French Alyea
Thomas Minard Baker
John Henry Barth
John Davis Daily
James Arthur Eaton
Wesley Alfred Eberle
Willard Leland Eckhardt
Fred Raymond Eisenman, Jr.
Vernon Andrew Forsberg
French Levering Fraker
J. Harold Glascock

Lawrence Ray Hatch
Francis William Heckler
Leland Hopkins Hunt
Lyie Gerald Jacobson
Robert Henry Kinderman
Nelson Hall Layman
Gilbert Ernest Oleson
Roger Duval O'Neal
Clarence Eck Partee
Howard Tice Ruff
William Stewart Scovill
Oswald Dan Vespa

In Foreign Commerce

Ronald Gregory Rucker, with Honors
Gennaro Stephen Sarli

In General Business

W. Carl Allen
Victor Lynn Baughman
Alvin Harold Berndt
Edwin Leroy Boynton
Claire Holcomb Brooner
Morriss N. Burt
Fredrick Harrison Byergo
Marion Lillian Cadwell
Lowell Jesse Capeot
Arthur William Carlson
Donald Allen Carrison
Emma Gertrude Cassady
Harry David Chesney
Alice Claevs

Dorothy Ellis Coe
John Richard Conner
Harold Eugene Coogan
Dorothy Dean Cook
Isaac Newton Cooley, Jr.
Peter Paul Comiat
Carl Ellis Corzine
John William Cotter
Andrew Walter Dahl
Ethel Sophia Daut
Ralph Milton Davies
Marion Estelle Drake
Rupert Francis Dunham
Willard Adolph Eckerstrom
WILLIAM LEONARD EVANS, JR.
CORNELIUS JOSEPH FOLEY
HUGH WATSON FREY
DALE HENRY FULTON
FILLMORE WALTER GALATY
WILLIAM EDWARD HAGENBUCK
VICTOR ELLSWORTH HALLMANN
ARTHUR PAUL HAMERSH...
In Transportation

GEORGE WILLIAM CARSON

In Insurance and Trade and Civic Secretarial Service

ELEANOR BAILEY GODDARD

In Commercial Teaching and Trade and Civic Secretarial Service

RUTH BERNIECE GERMAN

JEAN FRANCES PEABODY

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Ceramics

ROBERT JETHRO BAKER

ARThUR EDWARDS WILLIAMS

JAMES JOHN THEODORE

In Ceramic Engineering

KENNETH JOHN BRAY

ROBERT RUSSELL SHERRILL, with Honors

WILLIAM WEBER COFFEEN

In Civil Engineering

JOHN WOODROW ACKER

NEWLIN DOLBEY MORGAN, JR.

WILLIAM FRANCIS BARNES, JR.

FRANK MCCARTHER MORKOW, with Honors

FREDERICK TAYLOR BATTEY

LESTER FRANKLIN NIXON

JAMES EUGENE BRISSENDEN

JOSEPH OTTO Pokorny

ABBREY J. BROWN

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RUBY ELAINE DARE, A.B., Taylor University, 1926; A.M., University of Michigan, 1929, with High Honors
FRANCES ERNESTONE DEWELL, A.B., Drake University, 1934
PAUL SHANER DUNKIN, A.B., DePauw University, 1929; A.M., 1931, with Honors
NUMIA LEE FOUTS, A.B., University of Kentucky, 1931
EMILY OWEN GARNETT, A.B., Texas Christian University, 1931, with High Honors
HELEN GRAY, A.B., 1932
EDNA KATHERINE HARLAN, A.B., Colorado College, 1934
LOUISE FRANCES HAWORTH, A.B., Butler University, 1933
GILBERTA MAY HEID, A.B., Butler University, 1932
ESTHER VIVIAN HILL, A.B., Milton College, 1925; A.B., 1934
IREL HALL HODGES, A.B., University of Kentucky, 1931; A.M., Vanderbilt University, 1932
MARION JOSEPHINE KANAK, A.B., State University of Iowa, 1931
ELIZABETH RAE KENDALL, A.M., Northwestern University, 1928, 1934
FLORENCE MILDRED KERR, A.B., Baker University, 1922; A.M., University of Chicago, 1927, with Honors
DOROTHY ELIZABETH LEIB, A.B., University of Kansas, 1934
CAROL CONKLIN LIND, A.B., Wheaton College, 1927, with Honors
IDA FANNY MACK, A.A., Cumberland College, 1927; A.B., University of
Kentucky, 1930
RUTH HARPOLE MUELLER, A.B., Indiana University, 1934
HELEN MYRTLE MURRELL, A.B., University of Arkansas, 1931, with Honors
FLORENCE LOIS OYE, A.B., Northwestern University, 1934, with Honors
ELINOR PARSONS, A.B., Wellesley College, 1931
ISABELLE DRAKE PRUGH, A.B., Missouri Wesleyan College, 1925; B.S., North-
west Missouri State Teachers College, 1928
JOHN CARL SEITZMAYER, A.B., University of Cincinnati, 1935
MARGARET JEAN SIM, A.B., Whitman College, 1926, with Honors
SISTER MARY AUREA HAUSMANN, A.B., DePaul University, 1931
SISTER MARY NORITA GLEESON, Ph.B., Saint Xavier College, 1934
PEARL JEAN SNEED, A.B., University of Mississippi, 1931
HARRIS DEAN STALLINGS, A.B., Stanford University, 1933
PHILIP JOHNSON STONE, A.B., Cornell University, 1929, with High Honors
WILHELMINA TURNER, Ph.B., University of Chicago, 1929, with Honors
MARIAN LUCILLE WABY, A.B., University of California at Los Angeles, 1934,
with Honors
HENRY JOHN WALTERMADE, A.B., Nebraska State Teachers College (Kearney),
1933, with Honors
CARL ERNEST WELCHNER, A.B., University of Nebraska, 1934
ETTA MARIE WESTENHOUSE, A.B., Willamette University, 1932, with High
Honors
ANNA RUTH WHITMORE, B.S., State Teachers College (Millersville, Pennsyl-
vania), 1933
CATHERINE MARIE WICK, A.B., A.M., 1929, 1931, with Honors
FERN ELOIS WILSON, A.B., Bethany College, 1934
NAOMI PEARL WOODFORD, A.B., Morningside College, 1934

Degrees Conferred June 7, 1935, in Chicago

ColLEGE OF MEDICINE

Degree of Bachelor of Science

In Medicine

BEN A. APPEL
ARTHUR BARBAKOFF
HAROLD JOSEPH BARRY
LEO JEROME BROWN, B.Ed.
LEONARD S. BUCK
ROBERT DEFOREST BURLEY
GEORGE BUSCH
BERNARD MANUEL CHAPMAN
MEYER BARNEY COHEN
THEODORE M. COHEN
CLARENCE COHRS
SOL PAUL DITKOWSKY
MAURICE DUNN, with Honors
JEROME FAINGOLD, Ph.C.
PHILIP FALK, with Honors
ABRAHAM WILLIAM FELDMAN
Bourke Firfer
MORRELL L. FRANK
GEORGE JOSEPH DAVID GERTZ
MAX M. GLASSMAN
HAROLD WAYNE HAMMATT
IRVING HASSEN
JEROME FREDERICK HEINRICH
EDMUND R. HESS

HOWARD E. HEYER, with Honors
JAMES LEOPOLD HORA
HAROLD DALE HUFF
ISADORE ISOVITZ
ABRAHAM IZZAK JACKMAN
HARRY JOSEPHSON
LEONARD A. KAGEN
ISADORE A. KAPLAN, with Honors
JOSEPH H. KAPLAN
MARTIN J. KALPMAN
LEONARD HYMAN KOLB
MEYER KUSHNER
MEYER KUZNITSKY
GEORGE J. KVIDER
HERBERT LACK, with Honors
HENRY PETER LATTUADA
MYRON JAME LEVIN
EDWARD LEVINE
EDWARD ALBERT LUKE
ABRAHAM MELAMED
M. LUTHER MOSHER
DOROTHY KATHRYN O'CONNOR, A.B.
LOUIS OLSMAN
Hyman Peck, Ph.C.
Wayne Reezer
Reuben M. Reifler, Ph.G.
Milton Robin
William Rosenblatt
Robert R. Rothschild
Harry Osbourne Ryan, Jr.
Zal Sanders
Francis Eugene Sauer
Walter William Schwartz
Walter Shiner
Wayne Pulley Sirles
Carl Solander
Edward Sosson, with Honors

Robert Andrew Spencer
Isadore Spinka, with Honors
Samuel Spera
William Edward Steiner
Robert Healy Stevens
Grant Suttie
Roy Frank Teborok
William Stanley Walsh
David Wasserman
Reuben Robert Wasserman
Paul K. Weichselbaum
Harry J. Weiner
Allen E. Winer
William H. Wright
Dillman Forbes Ziegler
Joseph John Zuska, with Honors

Certificate in Medicine

Samuel Alfred Adland, B.S.
Ben A. Appel
Alfred Stone Ash
Emily Baer, B.S.
Harold Joseph Barys
Oscar Jacob Becker
Merrill Charles Beecher
Robert David Berke
Armin Louis Blaufuss, Ph.C.
Daniel Edward Bowers
Robert Vernon Carter
Louis Charnier
Isadore Hymen Cohn, B.S.
Clement Clark Coleman, B.S.
George Edward Colyer, A.B., B.S., with Honors
Nathan Solomon Deutsch, B.S.
Norman Dobin, B.S.
Sidney Harvey Dubofsky
Frank Wayne Edel, A.B.
Thomas J. Fitzpatrick
Lawrence Edward Foulke, B.S.
Robert Friedenberg, A.B.
Cyril Melchoir Gallati
Harvey Enoch Gaynes, B.S.
Ervine Francis Geever, B.S.
George Everett Gilman, A.B., B.S.
Jacob A. Glassman, B.S.
Irwin Globerson
Aaron Louis Goldberg
Manuel Goldfine, B.S.
Marion Lee Gordon
Abraham Gorday, B.S.
Vincent James Greco
Maurice O. Grossman, A.B., B.S.
Aaron Gunther, B.S.
Rudolf William Hack, A.B., B.S.
Zigmor Harris, B.S.
Irving Hassen
Richard Teal Haverstock, B.S.
James Henry Hawkes
Paul E. Hepner, B.S.

Samuel Alfred Adland, B.S.
Ben A. Appel
Alfred Stone Ash
Emily Baer, B.S.
Harold Joseph Barys
Oscar Jacob Becker
Merrill Charles Beecher
Robert David Berke
Armin Louis Blaufuss, Ph.C.
Daniel Edward Bowers
Robert Vernon Carter
Louis Charnier
Isadore Hymen Cohn, B.S.
Clement Clark Coleman, B.S.
George Edward Colyer, A.B., B.S., with Honors
Nathan Solomon Deutsch, B.S.
Norman Dobin, B.S.
Sidney Harvey Dubofsky
Frank Wayne Edel, A.B.
Thomas J. Fitzpatrick
Lawrence Edward Foulke, B.S.
Robert Friedenberg, A.B.
Cyril Melchoir Gallati
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Zigmor Harris, B.S.
Irving Hassen
Richard Teal Haverstock, B.S.
James Henry Hawkes
Paul E. Hepner, B.S.

George Ray Hill
H. Sargent Howard, B.S.
Victor H. Hunkel, Ph.B.
Carl Ireneus, Jr., B.S.
John Hick Johnstone, B.S.
Joseph T. Kaminskas
Jack Karel, B.S.
Charles Katz, B.S.
Robert Stephen Keller
George Kieve Keppleman, B.S.
Adelbert Herman Klein, B.S.
William Nelk Knudsen, A.B.
Harold Jay Koch, B.S.
George Lewis Kraitzow, B.S.
Sherburne Krieger, B.S.
Emerson C. Kunde, A.B., B.S.
Milton Elmer Kurth, B.S.
Albert Thomas Kwedar, B.S.
Herbert Lang, B.S.
Harry Lazar, B.S.
Louis Samuel Lerner, B.S.
Sydney S. Levine, B.S.
William Wayne Lockwood, B.S.
Katherine Hypatia MacEachern, B.S.
Irwin Harry Makovsky, B.S.
Harold Marks, A.B., B.S.
Aaron Shya Mason, B.S.
Lorrell Edward Messman, B.S.
Ira Robert Morrison, A.B., B.S.
James Joseph Murphy, B.S.
Charles Arthur Nelson
Samuel Nieder, B.S.
Winston K. Nix
Franklin Arnold Olson, B.S.
John Parke, B.S.
Matthew Platt
Oscar Mandel Plotkin, B.S.
Harold Price, Ph.G.
Leonard Price, B.S.
Joseph Raider
James Stedman Reynolds, B.S.
### BOARD OF TRUSTEES [June 15]

**Keith Rhea, B.S.**
**Frederick Jasper Ricketts, B.S.**
**Sidney Sigmund Rooth, B.S.**
**Irving Isadore Rosen, B.S.**
**Jack Rosenberg**
**Samuel William Rosenberg**
**Irving Hyman Rosenthal, B.S.**
**Mandel Sachs**
**Seymour Salberg, B.S.**
**Robert Edward Schettler, B.S.**
**Herbert A. Schiller, Ph.C., B.S.**
**John Lavine Schilsky, B.S.**
**Kenneth Fosnes Schneider, B.S.**
**Leonard Jerome Schwaude**
**William Frederick Seifert**
**Alexander Joseph Shimkus, B.S.**
**Harry I. Shulruff, B.S., with Honors**
**Joseph Howard Siegfried**
**Jerome Joel Sievers, Ph.G.**
**Robert James Sigler, B.S.**
**David Silbert**
**Pasche Silvert**

---

**Degree of Bachelor of Medicine**

**David Marvin Brotman**
**Frank C. Sedlak**

---

**College of Dentistry**

**Degree of Bachelor of Science**

*In Dentistry*

**Robert Rowley Bowman**
**Henry Fox**
**Edward John Goggin**
**Robert Arthur Greenberg**
**Curt Joseph Gronner**
**Murray Mitchell Hoffman**
**John James Littig**
**James Norman Lynch**
**Erwin Robert Melcher**
**Max Motew**
**George Arthur Nemeczek**
**Donald Frank Nix**
**Isadore Saposnik**

---

**Degree of Doctor of Dental Surgery**

**Theodor Baum**
**David Berman, B.S.**
**Paul Oscar Boyle, B.S.**
**Joshua Brinker**
**Gordon Gerard Chinnock**
**Paula Eisemann**
**James Malcolm Elson**
**Leonard Gelfand, B.S.**
**Donald William Grove**
**Marshall Frederick Grunwald, B.S.**
**Milo Bernhardt Hattenhauer**
**Robert Arthur Hoehn, B.S.**
**Homer William Hopkins**
**George Arthur Nemeczek**
**Jacob Leo Rachlin, B.S.**
**Joe Graham Ronalds, B.S.**
**Maurice Barney Schwartz**
**Lawrence Heasley Shaner, B.S.**
**John Monroe Spence, B.S., with Honors**
**Faith Foster Stephan, B.S.**
**Arthur David Tessler**

---

**College of Pharmacy**

**Degree of Pharmaceutical Chemist**

**Harry William Adams (Class of 1934)**
**Frances Lillian Baker**
**Bernard B. Berman**
**Esther Berman**
Charles Henrie Billups
Theodore Hyman Blonder
Milton Seymour Bower
Herbert Bernard Braberman
Maxwell Broski
George E. Bruha (Class of 1934)
David Thiel Burger
Anthony Charles Chiaramonte
Jerry Chuman
Minnie Cohen
Reece Carlyle Covalt
Peery August Duderstadt
Gerald Gail Edwards
Leonard Harold Feinberg
Ann Sophia Giacinti
Edward Joseph Glaser
Arthur Ira Goodman
Willard Green
Kenneth Herbert Harris
Felix Herrstrom
Sister Mary Getulia Honorowski
Jaroslav J. Horacek
Anthony Andrew Indovina
Anthony Jacob
Edward Charles Jankauskas
Lillian Ella Janosik
Roland Frank Koepeke
Henry Charles Kot
John F. Lacey
Sol Lapofsky
Joseph Louis Latelle
Victor Emanuel Lawrence
Frank Lee
Joseph Anthony Lentino
Lena Armida Leonard
Walter Anthony Molas
Halger Carl Naslund
Louis Pertovsky
Harry John Phelan
Harry George Pulik
William DeLos Rachieles
Nathan Rapp
Gust Lawrence Reinhold
Stewart John Rollinson
David Edmund Rosenblatt
Malvern Mack Roth
Nicholas S. Salamie
George Leon Schlan
Meyer Scholnick (Class of 1934)
Harry Selwitz
Harry Sevelow
Harold George Seyffert
Duane C. Shrout
Harry Calvin Singer
Robert Harry Sommer
Sam Steinberg
Vivian Leona Stepek
Jason Jay Sweet
Dillon W. Swingle, Jr.
Clarence Thompson
Joe Peter Tiaclia
Grace Ellen Topp
Hollis John Tontyn
Daniel A. Traficante
Amideo R. Triscintzzi
Joseph Warzecha
Meyer Weinstein
Leon Marshall Whiteock
Raymond John Wiltgen
Sister Mary Nednica Wirkus
Beatrice A. Zeman
Robert Irvin Zeman
Theodore Clarence Zeman (Class of 1934)
Floyd Stanton Zuck
Anthony Francis Zychowicz

Degree of Bachelor of Science
In Pharmacy

Sam Roy Androfsky
Sam Chadnowsky
Abe Albert Danish
Harold Finkelstein, with Honors
Mandel Max Jacobson
Harry Karl Kuhrt
Walter Andrew Madej
Anne Frances Putyra
Harry Max Rayman
Abe Moe Rosen
Roy Kenneth Snyder, B.S., M.S.
Edward Ernest Vicher, with Honors
Ferdinand Benjamin Zienty, with
High Honors

Graduate School

Degree of Doctor of Philosophy
In Physiology


Degree of Master of Arts
In Psychology

Maurice Lichtenstein, A.B., 1932
Degree of Master of Science

In Bacteriology

JOHN ANTHONY VAICHULIS, B.S., University of Notre Dame, 1929

In Obstetrics and Gynecology

D. EVELYN MILLER, A.B., Central Wesleyan College, 1921; B.S., M.D., University of Nebraska, 1926, 1928

In Pathology

HOWARD ZEUHLIN, B.S., M.D., 1929, 1932

In Pharmacology

PAUL DAVID CARPENTER, Ph.G., 1925; B.S., University of Michigan, 1930

In Physiological Chemistry

GEORGE EVERETT GILMAN, A.B., B.S., 1931, 1933

In Surgery

CARLO SALVADORE SCUDERI, B.S., M.D., 1926, 1929

GRADUATE SCHOLARSHIPS

The Secretary presented also for record the following list of graduate scholars appointed by the President of the University.

<table>
<thead>
<tr>
<th>Field</th>
<th>Name</th>
<th>Scholarship</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geology</td>
<td>Wallace W. Hagan</td>
<td>$300</td>
</tr>
<tr>
<td>Physics</td>
<td>Scott Anderson</td>
<td>300</td>
</tr>
<tr>
<td>Romance Languages</td>
<td>Revarose A. Wallins</td>
<td>300</td>
</tr>
</tbody>
</table>

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Alsterlund, John F., Special Research Assistant in the Agricultural Experiment Station, in cooperation with the State Natural History Survey Division, beginning June 1, 1935, and continuing until further notice, at a cash compensation at the rate of seventy-five dollars ($75) a month. (June 4, 1935)

Bailey, H. W., to give instruction in Mathematics, in the Summer Session of 1935, beginning June 17, 1935, and ending August 10, 1935, involving additional service not contemplated in his appointment to teach during the two semesters of the regular academic year, at an additional compensation of five hundred twenty-five dollars ($525) for the session. (June 5, 1935)

Brown, William Howard, Special Research Assistant in Dairy Husbandry, in the Agricultural Experiment Station, for one year beginning September 1, 1935, at a cash compensation of six hundred dollars ($600), and with exemption from tuition, incidental, and laboratory fees in the Graduate School, except matriculation or graduation fees. (June 4, 1935)

Burns, R. O., to give instruction in Physics, on one-half time, in the Summer Session of 1935, beginning June 17, 1935, and ending August 10, 1935, at a cash compensation of one hundred twenty-five dollars ($125) for the session. (May 9, 1935)


Glasser, Julian, to give instruction in Physical Chemistry, on one-fourth time, in the Summer Session of 1935, beginning June 17, 1935, and ending August 10, 1935, at a cash compensation of sixty-two dollars fifty cents ($62.50) for the session. (June 10, 1935)

The date in parenthesis is the date on which the appointment was made by the President of the University.
Howell, Henrietta, to give instruction in Library Science, in the Summer Session of 1935, beginning June 17, 1935, and ending August 10, 1935, at a cash compensation of two hundred fifty dollars ($250) for the session. (June 10, 1935)

Kies, J. A., to give instruction in Physics, on one-half time, in the Summer Session of 1935, beginning June 17, 1935, and ending August 10, 1935, at a cash compensation of one hundred twenty-five dollars ($125) for the session. (May 9, 1935)

Kusch, P., to give instruction in Physics, on one-half time, in the Summer Session of 1935, beginning June 17, 1935, and ending August 10, 1935, at a cash compensation of one hundred twenty-five dollars ($125) for the session. (May 9, 1935)

Lawson, Mary Florence, to give instruction in Physical Education for Women, on one-fourth time, in the Summer Session of 1935, beginning June 17, 1935, and ending August 10, 1935, involving additional service not contemplated in her appointment to teach during the two semesters of the regular academic year, at an additional compensation of one hundred fourteen dollars thirty-three cents ($114.33) for the session. (June 5, 1935)

Long, L. J., to give instruction in Economics in the Summer Session of 1935, beginning June 17, 1935, and ending August 10, 1935, at a cash compensation of two hundred fifty dollars ($250) for the session. (May 9, 1935)

Ostema, Eva, University Junior Stenographer in the Department of Horticulture, in the College of Agriculture, beginning May 20, 1935, and continuing until September 1, 1935, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars ($75) a month (this supersedes her previous appointment). (June 4, 1935)

Rawlings, Mrs. Dorothy Stahmer, to give instruction in Physical Education for Women, in the Summer Session of 1935, beginning June 17, 1935, and ending August 10, 1935, at a cash compensation of one hundred twenty-five dollars ($125) for the session. (May 9, 1935)

Schultz, H. A., to give instruction in Physics, on one-half time, in the Summer Session of 1935, beginning June 17, 1935, and ending August 10, 1935, at a cash compensation of one hundred twenty-five dollars ($125) for the session. (May 9, 1935)

Settelmayer, John Carl, Student Assistant in the Loan Department of the Library, on one-half time, beginning June 16, 1935, and continuing until August 31, 1935, at a cash compensation at the rate of fifty-five dollars forty-one cents ($55.41) a month. (June 4, 1935)

Stallings, H. Dean, Student Assistant in the Loan Department of the Library, on one-half time, beginning June 1, 1935, and continuing until August 31, 1935, at a cash compensation at the rate of fifty-five dollars forty-one cents ($55.41) a month. (June 4, 1935)

Yenawine, Wayne S., Assistant in the Loan Department of the Library, on three-fourths time, for three months beginning June 1, 1935, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-three dollars ($83) a month (this supersedes his previous appointment). (June 4, 1935)

RESIGNATIONS

The Secretary presented also for record the following list of resignations.

Brown, Russell S., University Service Scholar in Economics—resignation effective September 1, 1935.

Eck, J. C., Special Research Assistant in Chemistry—resignation effective June 1, 1935.

Fitz-Gerald, Linda, Stenographer in the Department of Romance Languages—resignation effective June 16, 1935.

Fitzgerald, L. E., to give instruction in Economics in the Summer Session of 1935—resignation effective June 17, 1935.

Forker, Mrs. Iva B., Stenographer in Home Economics, in the Agricultural Extension Service—resignation effective May 27, 1935.
Freer, Louise, to give instruction in Physical Education for Women—resignation effective June 17, 1935.

Goodman, Catherine E., Clerk in the Department of Agricultural Economics, in the College of Agriculture—resignation effective June 1, 1935.

Lytle, E. B., to give instruction in Mathematics in the Summer Session of 1935—resignation effective June 17, 1935.

Nielsen, Shirley Elizabeth, Assistant in Botany—resignation effective June 1, 1935.


The Board adjourned.

H. E. Cunningham

Secretary

Walter W. Williams

President