

**MEETING OF THE BOARD OF TRUSTEES**  
**OF THE**  
**UNIVERSITY OF ILLINOIS**

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**June 23, 1947**



The June meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, on Monday, June 23, 1947, according to the following schedule:

12 m. — Executive session as in Committee of the Whole.

3 p.m. — Open session.

The following members were present: President Livingston, General Davis, Mr. Fornof, Mrs. Holt, Mr. McLaughlin, Dr. Meyer, Mr. Nickell. Mr. Williamson took his place with the Board at 1:30 p.m.

President Stoddard was present; also Dr. A. C. Ivy, Vice-President in Charge of the Chicago Professional Colleges, Professor C. R. Griffith, Provost, Mr. A. J. Janata, Assistant to the President, Mr. H. E. Cunningham, Secretary, Mr. Lloyd Morey, Comptroller, Professor W. E. Britton, Legal Counsel, and, during part of the day, Mr. J. F. Wright, Director of Public Information.

**MINUTES APPROVED**

The Secretary presented the minutes of the meetings of April 24 and May 27, 1947.

On motion of Mr. McLaughlin, the minutes were approved as printed on pages 333 to 386 above.

**MATTERS PRESENTED BY PRESIDENT STODDARD**

The Board discussed in executive session several matters included in the agenda, and took action on the following matters presented by the President of the University.

**RESEARCH HOUSES AND FIELD OFFICE FOR  
SMALL HOMES COUNCIL**

(1) A report of action of the Executive Committee, pursuant to authorization by the Board on April 24, 1947 (page 341), and May 27, 1947 (page 372), awarding contracts to lowest bidders and authorizing the Comptroller and the Secretary to execute contracts as follows:

General work on six research houses in staff housing project to Mr. R. E. Worsham for \$5,700.

General work on field office and slab laboratory to C. A. Petry & Sons for \$12,060.

General work on one research house to C. H. Siems for \$870.

This report was received for record.

**TRAINING OF TEACHERS OF AGRICULTURE**

(2) On October 20, 1939, the President of the University informed the Board of Trustees that two of the state teachers colleges had announced intentions to establish courses in agriculture that would meet State and Federal requirements for Smith-Hughes teacher-training. Existing facilities at the University of Illinois were amply sufficient at that time and still are to meet the demand for Smith-Hughes teachers. The Board of Trustees requested the President of the University to inform the Governor and the members of the State Board for Vocational Education that the Board considered the proposed expansion an unnecessary duplication of educational offerings (Minutes, October 20, 1939, pages 642-644).

Recently the State Board for Vocational Education has approved such work for the Illinois State Normal University.

I recommend that the Board of Trustees again recognize the priority of the University of Illinois for teacher-training in vocational agriculture, and that the President of the University be authorized to address letters of protest on behalf of the Board to the Governor, to the Superintendent of Public Instruction, to each of the members of the State Board for Vocational Education, and to each of the presidents of the teachers colleges and normal universities.

The reasons for this request are contained in Exhibits A, B, and C (see page 448).

After full discussion, and on motion of Dr. Meyer, the Board reaffirmed its opposition to the dilution and weakening of agricultural education in the State of Illinois that would follow the unnecessary duplication of the program of the University in the state teachers colleges and normal universities, and authorized the President of the University to take measures to oppose the proposal, including presentation of the position of the University to the State Teachers College Board and the State Board for Vocational Education.

**PURCHASE OF RESIDENCE PROPERTIES FOR STAFF HOUSING**

(3) The Board of Trustees on May 27, 1947, authorized the purchase of a limited number of residence properties in Urbana-Champaign for rental, possibly for resale eventually, to administrative officers who have recently been appointed. Under this authorization options have been secured on the following properties:

1108 West Green Street, Urbana.....\$38 000  
(William F. Schulz, Owner)

This property consists of a house and two lots, one a vacant lot adjoining it which the University should have.

1001 West Nevada Street, Urbana..... 22 000  
(Chester W. Richards, Owner)

601 Haines Boulevard, Champaign..... 22 000  
(R. L. Patterson, Owner)

|  |        |
|--|--------|
| 508 South Ridgeway, Champaign.....     | 21 000 |
| (L. J. Haworth, Owner)                 |        |
| 608 West Church Street, Champaign..... | 20 000 |
| (L. H. Wise, Owner)                    |        |

All these houses are suitable for occupancy by University officials. In addition, the first two have the advantage of being in areas which the University needs to acquire for future expansion.

The purchase prices of the first two have been checked by Newton C. Farr of Chicago, who is retained as consultant for this purpose and who personally inspected them. Appraisals have been secured on the other three by independent Urbana-Champaign real estate experts. I recommend the purchase of these properties and that an appropriation of \$125,000, or so much thereof as may be necessary, be made from the General Reserve Fund to cover the purchases and expenses incidental thereto, including the University's share of taxes. I also request that the Comptroller and Secretary of the Board be authorized to conclude contracts for the purchase of these properties, the University to secure possession not later than September 1, 1947.

In approving this program on May 27, 1947 (page 362), the Board of Trustees authorized a total investment of \$150,000. It is recommended that the Executive Committee be authorized to purchase one additional house and that an appropriation of \$25,000 or so much thereof as may be necessary, be made from the General Reserve Fund for this purchase.

On motion of Mr. Davis, these recommendations were approved and adopted. The appropriation was made by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell; no, none; absent, Mr. Green, Dr. Luken, Mr. McKelvey, Mr. Williamson.

#### PLANS FOR RESEARCH AND EDUCATIONAL HOSPITAL ADDITION

(4) The revised schedule of new capital appropriations requested for the biennium of 1947-1949, as approved by the Board on April 24, 1947, included an item of \$5,800,000 for an addition to the Research and Educational Hospital and equipment. The plans and working drawings for this addition have been under way and are nearing completion. The total cost of the plans to date is \$220,075. To complete them will cost \$12,400 more.

On recommendation of the Vice-President in Charge of the Colleges of Medicine, Dentistry, and Pharmacy, the Board of Trustees has approved a revision of the new appropriation for buildings on the Chicago campus to include provisions for the following:

|  |             |
|--|-------------|
| Chronic Illness and Geriatrics Research Hospital and Equipment.....  | \$2 500 000 |
| Cancer Detection, Treatment, and Research Hospital and Equipment.... | 3 800 000   |

The addition to the General Hospital would be postponed. The total of the appropriations for the Chicago Colleges remains the same, \$13,000,000.

Inasmuch as the plans for the General Hospital are so near completion, it is recommended that we expend the additional sum of \$12,400 for this purpose. It is my understanding that the General Hospital will still be needed.

On motion of Dr. Meyer, this expenditure was authorized as recommended.

#### LEGAL SERVICES IN MILLIGAN CONDEMNATION SUIT

(5) The Henry I. Green Law Office has rendered a bill for services and expenses in the condemnation suit for the Milligan property in Urbana, in the amount of \$3,516.73. The Legal Counsel advises that he considers the bill satisfactory. The Director of the Physical Plant advises that land appropriations are insufficient to cover it and requests a special appropriation from the General Reserve Fund.

I recommend approval of the bill and an appropriation for it.

On motion of Mr. Davis, this bill was approved as recommended, and the appropriation was made, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr.

Meyer, Mr. Nickell; no, none; absent, Mr. Green, Dr. Luken, Mr. McKelvey, Mr. Williamson.

#### **PURCHASE OF CLARK PROPERTY**

The Legal Counsel reviewed the negotiations by the University for the purchase of the following properties owned by Alice V. B. Clark:

The North half (N½) of the East Eighty-five (E 85) feet of Lot Eleven (11) in W. M. Goodwin's Addition to Urbana in Champaign County, Illinois;

The South half (S½) of the East Eighty-five (E 85) feet of Lot Eleven (11) in W. M. Goodwin's Addition to Urbana in Champaign County, Illinois.

Mr. Chaney L. Finfrock, an Urbana attorney, is the Conservator of Alice V. B. Clark and of her estate. Negotiations, over a period of some months, for the acquisition of these properties, have been conducted with the Conservator. A committee, appointed by the County Court of Champaign County, appraised the two properties at \$40,000. It is recommended that the Board of Trustees authorize an offer of \$38,000 to the Conservator for both properties as set forth in the Proposal herewith submitted to the Board of Trustees.

On motion of Mr. Davis, the Board approved this Proposal and authorized the Comptroller and the Secretary of the Board to submit the same to the Conservator as its offer to buy the properties on the terms therein stated.

#### **CASE OF OTIS TAYLOR**

The Secretary reported that he had received the objections to the findings, conclusions of law, and recommendations of the Hearing Committee in the case of Otis Taylor (Minutes, May 27, 1947, page 380), had referred the objections to the Legal Counsel, and had received the answer of the Legal Counsel to the objections.

Professor Britton discussed this matter, which was referred to the Committee on Civil Service and Employees for consideration and recommendation to be made to the Board at the next meeting.

#### **INSTALLATION OF PRESIDENT STODDARD**

Dr. Meyer, for the Special Committee on the Installation of the President (Dr. Meyer, Mr. Davis, Mr. Fornof), presented the following report.

The Chairman of the General Committee on the Installation of the President has submitted an estimate of \$28,500 as the total cost of all the ceremonies. These include the professional conferences at the Colleges of Medicine, Dentistry, and Pharmacy, the convocation and functions at the Chicago Undergraduate Division (Navy Pier), the formal installation ceremony at Urbana, the symposium on higher education at Urbana, and the reception for visiting delegates and other official guests at Robert Allerton Park. The figure also includes the cost of the first edition of the Robert Allerton Park brochure which was distributed to the guests at the reception, and an estimate of \$2,000 for the publication of the proceedings of the entire installation. The Board of Trustees made a preliminary appropriation of \$10,000, so that a supplementary appropriation of \$18,500 is necessary.

On motion of Dr. Meyer, this appropriation was made, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell; no, none; absent, Mr. Green, Dr. Luken, Mr. McKelvey, Mr. Williamson.

#### **OPEN SESSION**

When the Board convened in open session, the following members were present: President Livingston, Mr. Fornof, Mrs. Holt, Mr. McLaughlin, Dr. Meyer, Mr. Williamson.

The same officers were present as during the executive session.



**MATTERS PRESENTED BY PRESIDENT STODDARD**

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

**APPOINTMENTS TO THE 1947 SUMMER SESSION**

(1) There is submitted for approval recommendations from the Dean of the Summer Session for appointments to the teaching staff for the 1947 Summer Session. This budget provides for a 16-week session at Urbana, an 8-week session at the Galesburg and the Chicago Undergraduate Divisions, and for some graduate teaching in the College of Pharmacy. Salaries recommended have been computed as follows:

1. For 12-month appointees,<sup>1</sup> it is proposed that a base amount of  $1/48$  of the annual salary be paid for each week of teaching.

2. For appointees on tenure of less than 12 months a base monthly salary is proposed equal to that paid during the regular session.

3. The maximum salary of \$1,200 for eight weeks' service was used as a basis for calculating maximum compensation for assignments other than eight weeks. (This maximum was approved by the Board of Trustees on December 28, 1946, page 198.)

4. A minimum salary of \$275 for half time for eight weeks and \$550 for full time for eight weeks is proposed, this minimum to be used as a basis for computing the minimum compensation for assignments other than eight weeks.

The total of the proposed appointments is \$783,829. This exceeds the amount allotted in the internal budget for 1947-1948 by \$188,370. The Dean of the Summer Session requests an appropriation of \$190,000 to cover the deficiency and to make other minor adjustments which may be necessary. I recommend that:

1. The appointments for the Summer Session be approved as submitted (for list, see page 452).

2. All appointments or contracts for service during the Summer Session include a provision permitting reduction in time and salary or cancellation of the contract in the event that enrollment in certain courses or sections thereof does not warrant continuation of the appointment on the basis originally recommended.

3. An appropriation of \$190,000 be made from the University General Reserve Fund to the budget of the Summer Session.

4. The President of the University be authorized to make such changes and adjustments, including additional appointments and acceptance of resignations, as are necessary in accordance with the needs of the University.

On motion of Mr. Fornof, this program was approved and authorized. The appropriation was made by the following vote: Aye, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Williamson; no, none; absent, Mr. Davis, Mr. Green, Dr. Luken, Mr. McKelvey, Mr. Nickell.

**EXEMPTION OF STAFF MEMBERS FROM PAYMENT  
OF TUITION FEES**

(2) By authority of the Board of Trustees, members of the University staff and of the staffs of allied surveys and laboratories on the University campus in the lower salary brackets, and scholars and fellows in the Graduate School, are permitted to take graduate work without payment of tuition, laboratory, library, and supply fees.

The Board of Trustees has specified from time to time the salary rates to which the exemption will apply. At present the exemption applies to staff members receiving annual salaries of \$1,800 or less. A new minimum salary for full-time assistants of \$2,400 has been established. I therefore recommend the fee-exemption regulations be amended to read as follows:

"Persons on the academic and administrative staffs of the University in any capacity, or who are on scholarship or fellowship appointment in the Graduate School, or who are on permanent employment on the nonacademic staff, may

<sup>1</sup>Teaching faculty whose services are required during the two semesters of the academic year (September-June) but whose salaries are paid in twelve monthly installments.

register in University courses for which they are eligible for admission without payment of the tuition fee and the laboratory, library, and supply fee, provided their annual salary is \$2,400 or less."

I recommend that this become effective immediately so that it will apply to the 1947 Summer Session. This is desirable because the supplementary salary adjustments made effective as of September 1, 1946, affect the status of regular University employees who are now registered in the Summer Session.

On motion of Mr. Williamson, the regulations were amended as recommended.

#### REQUIREMENTS FOR GRADUATION IN THE SCHOOL OF JOURNALISM

(3) The University Senate recommends that Section (2) of the requirements for graduation from the School of Journalism be amended to read as follows:

"(2) complete 64 semester hours of work in a curriculum in the School of Journalism including not less than 30 nor more than 40 hours of credit in professional courses of junior-senior level, and the balance in social studies, arts, sciences, and other subjects approved by the faculty."

I concur.

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

#### ADMISSION TO THE COLLEGE OF LAW

(4) Limitations of classroom and laboratory facilities make it necessary to limit the enrollment in the College of Law according to the following plan:

1. Applicants must file requests for admission on forms furnished by the College not less than sixty days before the opening of the term to which admission is sought.

2. In selecting the persons to be admitted, preference will be given to applicants demonstrating the greatest ability, to veterans, and to residents of the State of Illinois. Nonresident applicants to be considered must present outstanding scholastic records.

The University Senate recommends that the Board of Trustees adopt the following requirements for admission to the College of Law.

#### GENERAL REQUIREMENTS

Applicants to be eligible to apply for admission must have achieved a grade average of 3.5 in all college work taken and must meet the following quantitative requirements:

1. For admission to the four-year curriculum: The completion in residence of one-half the number of hours required for a bachelor's degree at the University of Illinois or one-half the number of hours required for a bachelor's degree in a college approved by the University.

2. For admission to the three-year curriculum: Graduation from, or senior standing in, a college of the University of Illinois or a college approved by the University.

#### SPECIAL CONSIDERATIONS APPLYING TO VETERANS

A veteran is defined, for purposes of admission, as one who has had active service since September 16, 1940, in the Armed Forces of the United States or one of its co-belligerents, and has been released or discharged therefrom under conditions other than dishonorable.

1. In meeting the general requirements stated above, a veteran who applies for admission

(a) may count credit acceptable to the University of Illinois, based on an evaluation of educational experience, general educational development, and correspondence work taken while in the Armed Forces, provided that the applicant for admission has completed one academic year of work in residence in the University of Illinois or in a college approved by the University;

(b) will be permitted to disregard the grades in work passed before entering the service, provided that he has completed at least one academic year of college work after release from service with a grade average of at least 4.0.

2. A veteran may also apply for admission to the three-year curriculum on satisfying all the following requirements:

(a) Active service for at least twelve months during the period of active hostilities;

(b) Attendance in residence for a period of two academic years in a college of the University of Illinois or in a college approved by the University, and the completion in residence of one-half of the number of hours required for a bachelor's degree by the institution attended; and

(c) Attainment of a grade average in college work of at least 4.0.

In meeting the requirements of 2 (a) and 2 (b) above, the period a veteran was assigned for a course of education or training under the Army Specialized Training Program or the Navy College Training Program or as a cadet or midshipman in one of the service academies may be counted in satisfaction of either the requirement for resident study in an approved college or university or the requirement of one year of active military or naval service, but not both.

I concur.

On motion of Mr. Williamson, these recommendations were adopted.

#### MASTER OF FINE ARTS

(5) The Executive Faculty of the Graduate School and the University Senate recommend the establishment of the degree of Master of Fine Arts (M.F.A.).

I concur.

On motion of Mrs. Holt, this degree was established as recommended.

#### CHANGE IN REQUIREMENT FOR ADMISSION TO UNDERGRADUATE COLLEGES

(6) On January 23, 1943 (Minutes, page 240), the Board of Trustees approved a recommendation from the University Senate that the requirements for admission to the undergraduate colleges be amended to permit the admission of selected pupils who had achieved senior standing in high school prior to their graduation from high school. This was adopted as a war emergency measure to permit students of superior scholarship to secure a year or more of college training before going into military service.

The reasons for this special provision no longer exist, and the University Senate recommends that it be rescinded.

I concur.

On motion of Mr. Williamson, this provision was rescinded as recommended.

#### MINIMUM UNIVERSITY SCHOLARSHIP REQUIREMENTS

(7) The University Senate recommends the adoption of the following minimum University scholarship requirements. These regulations, in so far as they affect graduation, shall apply to all students who enter the University after October 1, 1947, and as they affect probation, to all students registered in the University after that date. They are being reported to the Board as a matter of information and for record.

1. *Graduation Requirement:* A minimum average of 3.0 shall be required for graduation from all curricula.

2. *Probation:* If at the end of any semester a student's average for that semester falls below 3.0, he shall be placed on probation for the following semester.

3. *Continuance in the University:* If at the end of a semester on probation a student's average for the semester is 3.0 or above, he shall be removed from probation unless the college in which he is registered requires a higher average for removal from probation. If his average is below 3.0, he shall be dropped from the University.

4. *Rules for Computing Averages:* All letter grades received by the student at the end of the semester shall be used in computing the averages for the probation rules (A=5.0; B=4.0; C=3.0; D=2.0; E=1.0). The average for graduation is to be computed for those courses which are actually counted as fulfilling the requirements for graduation. When a student repeats a course, only the final grade

received shall be used in computing the average for probation and graduation. Courses in which the student receives credit as a result of special or proficiency examinations shall not be considered in computing averages either for probation or graduation. Colleges operating under the grade-point system shall maintain standards substantially equivalent to those stated in (2) and (3) above.

5. *Readmission of Students Dropped for Poor Scholarship*: Readmission of students to the University who have been dropped under the above regulations shall be at the discretion of the Deans and Directors of the respective colleges.

6. *Higher Scholastic Standards*: These regulations establish minimum requirements only, and the practice of requiring higher scholastic standards in certain colleges, schools, or curricula shall not be considered contrary to these regulations.

On motion of Mr. Williamson, this minimum requirement was adopted under the conditions recommended.

#### CURRICULUM IN FOOD TECHNOLOGY

(8) The University Senate has adopted the following curriculum in food technology in the College of Agriculture leading to the Degree of Bachelor of Science in Food Technology (for curriculum, see page 477).

The larger concerns engaged in the processing of foods will in general employ specialists; for example, bacteriologists and chemists for control work, chemical engineers for technical operation, and holders of the doctor's degree for research. The standard lines of training for these professions are all prescribed.

In the smaller plants it will not be possible to employ highly trained specialists for each particular job, but the technical operation and control will have to be directed by individuals with some general training in the fundamental sciences and perhaps a moderate degree of specialization in some particular line of food processing.

I recommend approval.

On motion of Mr. McLaughlin, this curriculum was approved as recommended.

#### SCHOLARSHIPS FOR FOREIGN STUDENTS

(9) At its meeting on May 27 the Board considered certain recommendations from the Faculty Committee on Fees and Scholarships, including one that the number of scholarships available to foreign students be increased from 10 to 25 as of September, 1947. This was referred to the Faculty Committee for further consideration and recommendation to the Board.

The Committee has reviewed the whole question again and renews its original proposal that the number of scholarships available to foreign students be increased from 10 to 25. In support of this the Committee has submitted a report on the records of foreign students who have held such scholarships since 1941-1942. This record shows that:

1. During the earlier years preference was given to South American students because the scholarships were originally established for students from Latin-American countries.

2. During more recent years there has been a wider distribution of countries represented, with Chinese students representing the largest number.

3. There have been a few bad scholastic records, especially among South American students. In each case this was due to language difficulties and as a rule the scholarship was discontinued after one semester. Recently language difficulties have been overcome by offering a special course in rhetoric for foreign students.

4. On the whole, the holders of scholarships have done extremely well at the University of Illinois. The degrees that have been earned are a noteworthy contribution to the countries from which the candidates have come.

On motion of Mrs. Holt, the number of scholarships available to foreign students was increased to twenty-five as recommended.

#### TITLE OF UNIVERSITY PURCHASING OFFICER

(10) The University Statutes, Section 50, specify the title of "Purchasing Agent" for the principal purchasing officer of the University, acting under the direction of the Comptroller. The Statutes provide that this officer "shall purchase or issue

orders for the purchase of all articles and materials for all departments of the University in all cases where the Board has not given this authority to some other person or committee."

It is necessary to issue purchase orders directly from the Chicago Professional Colleges and from the Undergraduate Divisions in Chicago (Navy Pier) and at Galesburg, and it is desirable that the officer in charge of purchasing at each of these branches have the title "Purchasing Agent." The Purchasing Agent works under the direction of the Business Manager of each branch and also under the general advisory guidance of the chief purchasing agent of the University.

The Comptroller recommends, and I concur, that the title of the chief purchasing officer of the University be "Director of Purchases," leaving the way to appoint a "Purchasing Agent" at each of the other divisions of the University.

A draft of proposed changes in the University Statutes to accomplish this is submitted for approval, and a few additional minor changes are incorporated to bring the Statutes up to date (see page 478).

On motion of Mr. Williamson, the Statutes were amended as recommended, effective July 1, 1947.

#### RELEASES OF FUNDS FROM STATE-WIDE PUBLIC WORKS PROJECTS APPROPRIATION

(11) Governor Dwight H. Green has authorized the release of funds from the appropriation made to the University of Illinois by the 64th General Assembly in the "Act making appropriations for a State-wide system of public works projects, including all ordinary and contingent expenses relating thereto," as follows:

##### *Release No. 379*

"For construction of Utilities Distribution System (Chicago).....\$400 000"  
Amount released..... 11 250

To supplement the \$21,000 released on September 27, 1945 (Release No. 9), which amount is to be used to meet the increased cost of architectural services resulting from the fact that the cost of this construction will materially exceed the original estimates.

##### *Release No. 380*

"For construction of Veterinary Building and equipment.....\$750 000"  
Amount released..... 18 000

To supplement the \$31,250 released on October 31, 1945 (Release No. 89), which amount is to be used to meet the increased cost of architectural services resulting from the fact that the cost of this building will materially exceed the original estimates.

##### *Release No. 381*

"For construction of Band Building and equipment.....\$220 000"  
Amount released..... 5 400

To supplement the \$3,900 released on October 31, 1945 (Release No. 90), which amount is to be used to meet the increased cost of architectural services resulting from the fact that the cost of this building will materially exceed the original estimates.

##### *Release No. 382*

"For Library Addition and equipment.....\$315 000"  
Amount released..... 7 200

To supplement the \$11,812 released on October 31, 1945 (Release No. 91), which amount is to be used to meet the increased cost of architectural services resulting from the fact that the cost of this building will materially exceed the original estimates.

##### *Release No. 383*

"For construction of Animal Husbandry Laboratories and equipment.....\$435 000"  
Amount released..... 11 000

To supplement the \$19,575 released on October 31, 1945 (Release No. 93), which amount is to be used to meet the increased cost of architectural services resulting from the fact that the cost of this building will materially exceed the original estimates.

*Release No. 384*

"For construction of Dairy Husbandry Laboratories and equipment.....\$275 000"  
 Amount released..... 7 000

To supplement the \$12,375 released on October 31, 1945 (Release No. 96), which amount is to be used to meet the increased cost of architectural services resulting from the fact that the cost of this building will materially exceed the original estimates.

*Release No. 385*

"For General Hospital Addition and equipment.....\$2 000 000"  
 Amount released..... 100 000

To supplement the \$85,000 released on October 31, 1945 (Release No. 97), which amount is to be used to meet the increased cost of architectural services resulting from the fact that the cost of this building will materially exceed the original estimates.

*Release No. 386*

"For General Hospital Addition and equipment.....\$2 000 000"  
 Amount released..... 250 000

To purchase equipment; funds to be used to augment releases No. 97 and No. 385, totaling \$185,000, for architectural services.

*Release No. 387*

"For construction or remodeling of building for Atmospheric and Other  
 Research and equipment.....\$250 000"  
 Amount released..... 19 500

To supplement the \$13,125 released on October 31, 1945 (Release No. 98), which amount is to be used to meet the increased cost of architectural services resulting from the fact that the cost of this building will materially exceed the original estimates.

*Release No. 388*

"For construction or remodeling of building for Atmospheric and Other  
 Research and equipment.....\$250 000"  
 Amount released..... 217 375

For construction of building; funds to be used to augment releases No. 98 and No. 387, totaling \$32,625, for architectural services.

I recommend that these funds be appropriated by the Board of Trustees for the expenditures specified in the releases.

On motion of Mr. Williamson, these funds were appropriated as recommended, by the following vote: Aye, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Williamson; no, none; absent, Mr. Davis, Mr. Green, Dr. Luken, Mr. McKelvey, Mr. Nickell.

**SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES**

(12) The Committee on Special Appropriations and Nonrecurring Expenditures recommends assignments from the General Reserve Fund for the following purposes:

|  |                 |
|--|-----------------|
| Remodeling of Radio Station Studio in Gregory Hall.....    | \$ 6 500        |
| Removal of Locomotive Testing Laboratory spray basin.....  | 3 700           |
| Additional remodeling work in Room 305 Huff Gymnasium..... | 3 500           |
| Partitions in Rooms 306 and 310 Davenport Hall.....        | 2 200           |
| Addressographs for University Mailing Center.....          | 2 290           |
| Equipment for newly established Department of Speech.....  | 1 962           |
| <i>Total.....</i>  | <i>\$20 152</i> |

These appropriations shall be available without reappropriation after July 1, 1947. I concur.

On motion of Mr. McLaughlin, these appropriations were made as recommended, by the following vote: Aye, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Williamson; no, none; absent, Mr. Davis, Mr. Green, Dr. Luken, Mr. McKelvey, Mr. Nickell.

### CONTRACT ON POWER PLANT ADDITION AND UTILITIES DISTRIBUTION SYSTEM

(13) Following is a tabulation of bids received in the office of Sargent and Lundy on May 29, 1947, for the purchase and installation of electrical equipment in connection with the Power Plant Addition and the Utilities Distribution System:

| <i>Vendor</i>                        | <i>Lump Sum Price</i> |
|--------------------------------------|-----------------------|
| A. S. Schulman Electric Company..... | \$86 061              |
| Swam Electric Company.....           | 94 700                |
| White City Electric Company.....     | 97 350                |
| Hecker and Company.....              | 98 300                |

The Director of the Physical Plant recommends that this contract be awarded to the lowest bidder, the A. S. Schulman Electric Company, in the amount of \$86,061, with the cost to be distributed as follows:

|                                    |          |
|------------------------------------|----------|
| Utilities Distribution System..... | \$24 100 |
| Power Plant Addition.....          | 61 961   |
| <i>Total</i> .....                 | \$86 061 |

Funds are available in special state appropriations already released. I concur and request authority for the Comptroller and the Secretary of the Board to execute this contract.

On motion of Mr. McLaughlin, these contracts were awarded and authority granted as requested.

### CONTRACTS FOR FIRE PROTECTION FACILITIES, WATER STATION IMPROVEMENTS, AND SEWER EXTENSIONS

(14) Bids were received on May 26, 1947, on Fire Protection Facilities, Water Station Improvements, and Sewer Extension projects as follows:

1. Laying cast iron water pipe:
 

|  |          |
|--|----------|
| G. L. Tarlton Construction Co., St. Louis, Mo..... | \$35 850 |
| Warner Construction Co., Chicago, Ill.....         | 57 852   |
| Ralph D. Green, Vincennes, Ind.....                | 56 592   |
| T. S. Cloghessy, Hammond, Ind.....                 | 84 421   |
| W. H. Hall, Atwood, Ill.....                       | 64 522   |
| Mid-Continent Construction Co., Berwyn, Ill.....   | 77 628   |
2. Construction of 700,000-gallon reinforced concrete reservoir:
 

|  |        |
|--|--------|
| G. L. Tarlton Construction Co., St. Louis, Mo..... | 41 973 |
| Warner Construction Co., Chicago, Ill.....         | 61 586 |
3. Storm sewers:
 

|  |        |
|--|--------|
| G. L. Tarlton Construction Co., St. Louis, Mo..... | 16 100 |
| Warner Construction Co., Chicago, Ill.....         | 18 920 |
| W. H. Hall, Atwood, Ill.....                       | 30 594 |
| Mid-Continent Construction Co., Berwyn, Ill.....   | 12 066 |

Funds are available and have been released for items 1 and 2, and funds are included in the capital appropriations requested for 1947-1949 for item 3.

The proposal from G. L. Tarlton Construction Co. was based on acceptance of "all or none" of the work. On June 2, 1947, they expressed willingness to accept a contract for items 1 and 2 with the understanding that a contract will be awarded to them for item 3 if funds are made available within the construction period.

The Director of the Physical Plant recommends the award of the contracts for the laying of cast iron water pipe and for the concrete reservoir to the G. L. Tarlton Construction Co. on the basis of their lowest bid and the award of the contract for the construction of the storm sewers to the same company subject to availability of funds. If they are not available by August 1, 1947, the storm sewers award shall be null and void.

I concur in these recommendations and request authorization of contracts in accordance with the conditions outlined above.

On motion of Mr. Williamson, these contracts were awarded and authority granted as recommended.

**ADDITION TO CONTRACT FOR PIPE AND FITTINGS REQUIRED  
FOR FIRE PROTECTION FACILITIES**

(15) The Physical Plant Department has requested an increase of \$1,575 in the contract with McWane Cast Iron Pipe Company for pipe and fittings required for the Fire Protection Facilities. The increase is to provide for additional lengths of pipe and fittings which are necessary because of changed requirements determined since the original contract was written (approved by the Board on November 22, 1946, at a base bid with an escalation clause). Funds are available for this increase, and it is approved by the Director of Purchases.

The Comptroller recommends approval of this increase and I concur.

On motion of Mrs. Holt, this addition to the contract was authorized as recommended.

**ADDENDUM TO CONTRACT FOR ARCHITECTURAL SERVICES  
ON NEW CHEMISTRY BUILDING**

(16) The agreement with the architects, Graham, Anderson, Probst, and White (approved by the Board on June 30, 1945, and by the Committee on General Policy on November 23, 1945) for architectural services on the Chemistry Building does not cover services on laboratory equipment, which is a large item in this project.

The Director of the Physical Plant Department feels it is desirable to concentrate responsibility and has asked the architects for an estimate of the cost of this equipment, and a quotation for their services. They have estimated the equipment cost at \$217,000 and ask a fee of 8 per cent, or approximately \$17,360. The University Architect believes this fee is satisfactory for this type of work. Funds are available to cover this expense.

I recommend approval and authorization of an addendum to the contract with Graham, Anderson, Probst, and White.

On motion of Mr. Fornof, this addendum to the contract was approved and authorized as recommended.

**ADDITION TO CONTRACT FOR ELECTRICAL INSTALLATIONS IN RE-  
MODELING ROOM 215 ELECTRICAL ENGINEERING LABORATORY**

(17) The Director of the Physical Plant Department has requested an increase of \$2,637 in the contract with the J. M. Bean Electric Company covering the installation of three transformers required for the remodeling of Room 215 Electrical Engineering Laboratory. This work was not included in the original contract approved by the Board on February 27, 1947 (Minutes, page 271).

The J. M. Bean Electric Company has the transformers available for installation. Funds are available for this increase.

The Comptroller recommends approval of this increase and I concur.

On motion of Mr. Williamson, this increase was authorized as recommended.

**SURFACING WALKS, ROADS, AND PARKING AREAS OF  
TEMPORARY HOUSING PROJECTS**

(18) On June 3, bids were opened for surfacing walks, roads, and parking areas of certain of the temporary housing projects (Nos. 11287, 11277, 11254, and 11306). Although approximately a half-dozen firms were approached, only one bid (Frank A. Somers Co., Inc., in the amount of \$30,418) was received. This bid has been checked with previous work by the same firm on other temporary housing projects and it is in agreement therewith. Funds are available for this work.

The Physical Plant Department recommends that a contract be awarded to Frank A. Somers Co., Inc., in the amount of \$30,418 for the above-described work. I concur and request authority for the Comptroller and Secretary of the Board to execute such a contract.

On motion of Mr. McLaughlin, these recommendations were adopted.



#### ADDITION TO CONTRACT FOR SERVICE EXTENSIONS TO TEMPORARY CAFETERIA BUILDING

(19) The Physical Plant Department has requested an increase of \$2,350 in the contract with A. S. Schulman Electric Company for new service connections to the Temporary Cafeteria Building. The original contract (approved by the Board on January 25, 1947) did not provide for such connections, since the requirements for service connections were not known. They have now been determined and the requested increase provides for them. Funds are available for this increase.

The Comptroller recommends approval of this increase and I concur.

On motion of Mr. Williamson, this increase was authorized as recommended.

#### PURCHASE OF COAL FOR URBANA CAMPUS

(20) Bids have been requested on 38,000 tons of screenings coal for use at the Abbott Power Plant, Urbana-Champaign, delivery as required during the period from July 1, 1947, to June 30, 1948. Invitations to bid on our specifications were submitted to 23 concerns and advertisements were run in Chicago papers.

Only one bid was received, from the Bell & Zoller Coal Co. of Murdock, Illinois, for 8,000 tons at \$2.90 f.o.b. mine, freight cost 85¢, delivered price \$3.75.

Two additional quotations were received, not based on specifications (i.e., without allowing for price adjustments on the basis of quality of coal delivered):

| Taylor-English Coal Company (30,000 tons): | <i>F.o.b. Mine</i> | <i>Freight</i> | <i>Delivered</i> |
|--|--------------------|----------------|------------------|
| Danville screenings.....                   | \$2.95             | \$ .75         | \$3.70           |
| Danville mine-run.....                     | 3.15               | .78            | 3.93             |

(Mine-run to be supplied when screenings are not available.)

Lafayette Coal Company (5,000 tons):

|                            |      |      |      |
|----------------------------|------|------|------|
| Livingston screenings..... | 3.00 | 1.55 | 4.55 |
| Pana screenings.....       | 3.00 | 1.43 | 4.43 |

(Vendor reserves right to ship from either mine.)

The above prices are based on miners' wages in effect at the time of the bids and are subject to any subsequent changes in such rates.

The Director of Purchases, the Director of the Physical Plant, and the Comptroller recommend that contracts be awarded as follows:

|   | <i>Tons</i> | <i>F.o.b. Mine</i> | <i>Freight</i> | <i>Delivered</i> | <i>Approx. Total</i> |
|---|-------------|--------------------|----------------|------------------|----------------------|
| Taylor-English Coal Company (estimated division)..<br>20,000 screenings |             | \$2.95             | \$ .75         | \$3.70           | \$74,000             |
| 10,000 mine-run   |             | 3.15               | .78            | 3.93             | 39,300               |
| Bell & Zoller Coal Company<br>8,000 screenings                          |             | 2.90               | .85            | 3.75             | 30,000               |
|   |             |                    |                |                  | <u>\$143,300</u>     |

Approval of this recommendation is requested. Under the requirements of the State Constitution, the approval of the Governor also is required on such contracts.

On motion of Mr. Williamson, these contracts were authorized as recommended, subject to constitutional provisions.

#### PURCHASE OF COAL FOR CHICAGO PROFESSIONAL COLLEGES

(21) Bids were taken on 9,000 tons of screenings coal (ten per cent more or less of 1¼" or 1½" freshly-mined Illinois washed screenings) for the Chicago Professional Colleges, to be delivered as required and in accordance with specifications. Invitations to bid were submitted to nine concerns. Four bids were received:

| <i>Firm</i>                    | <i>Delivered Price</i> |
|--------------------------------|------------------------|
| Consumers Company.....         | \$6.57                 |
| Fleming Coal Company.....      | 7.45                   |
| Silver Creek Coal Company..... | 7.99                   |
| Roth Adam Fuel Company.....    | 7.24                   |

The Business Manager of the Chicago Professional Colleges recommends that the contract be awarded to the Consumers Company, 228 North LaSalle Street, Chicago, Illinois, the lowest bidder, at the quoted price of \$6.57 a net ton delivered, or a total expenditure of \$59,130. The quotation of this company represents the most British Thermal Units per one cent, computed in accordance with the formula in the call for bids. This coal is produced by the Pyramid Coal Corporation, Pinckneyville, Illinois. The Director of the Physical Plant Department and the Comptroller concur in this recommendation.

Approval of this recommendation is requested. Under the requirements of the State Constitution, the approval of the Governor is also required on such contracts.

On motion of Mr. Williamson, this contract was awarded as recommended, subject to constitutional provisions.

### PURCHASES

(22) There are submitted herewith: A. Recommendations for purchases for approval by the Board; B. Purchases authorized by the Executive Committee of the Board; C. Purchases authorized by the President of the University.

#### A. Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid, or because the item is noncompetitive, or to obtain earliest delivery. I concur in the recommendations.

| <i>Item</i>  | <i>Department</i>                | <i>Vendor</i>  | <i>Cost</i>                                  |
|--|----------------------------------|--|--|
| One Model No. 1 standard photostat with accessories and light  | Chicago Undergraduate Division   | Photostat Corp., Rochester, N. Y.                                | \$1 404 08<br>f.o.b.<br>point of<br>shipment |
| 14" comparator or contour projector, complete with accessories for 10 magnifications and 20 magnifications | Chicago Undergraduate Division   | Jones & Lamson Machine Co., Springfield, Vt.                     | 2 121 30                                     |
| 1,000 feet 3" double cotton jacket rubber-lined fire hose  | Physical Plant                   | Central Fire Truck Corp., St. Louis                              | 1 860 00                                     |
| 12 #7651 student potentiometers, complete with cases   | Chemistry                        | The Leeds & Northrup Co., Chicago                                | 1 076 00                                     |
| 203 cases Pyrex glassware  | Chicago Undergraduate Division   | E. H. Sargent & Co., Chicago                                     | 2 280 74                                     |
| 5,000 ft. two-conductor #6 A.W.G. stranded type RLJFJ 600-volt N.E.C. cable                                | Physical Plant                   | Central Scientific Co., Chicago<br>Graybar Electric Co., Chicago | 887 38<br>1 920 00                           |
| 2,400 (244 cu. ft.) or "H" cylinders of commercial oxygen  | R&E Hospital Central Supply      | Ohio Chemical & Mfg. Co., Chicago                                | 3 504 00<br>(estimated)                      |
| 8,000 gallons (approximately) 72-74 octane gasoline  | Physical Plant                   | Ohio Oil Co., Urbana   | Approx.<br>1 098 88                          |
| One pilot plant evaporator assembly  | Chemistry                        | Blaw-Knox Co., Chicago   | 8 760 00                                     |
| 1,000 copies each of 62 color plates to be reproduced by the Collotype process                             | Print Shop                       | Meriden Gravure Co., Meriden, Conn.                              | 1 708 10                                     |
| One lot electrical equipment   | Electrical Engineering           | Weston Electrical Instrument Corp., Chicago                      | 1 238 40                                     |
| One Ford V-8 station wagon   | Forestry                         | (When available)   | 1 700 00<br>less 3%                          |
| Building materials and labor for plumbing and heating at Summer Surveying Camp                             | Civil Engineering                | A. T. Rozycki, Blackduck, Minn.                                  | 2 209 13                                     |
| Mackin Premier Guided Venetian Blinds for Transportation Building  | Physical Plant                   | Mackin Venetian Blind Company, Kankakee                          | 2 999 71                                     |
| One 40'x40' Quonset hut to be used as auxiliary storage  | Office Supply Store              | Harshbarger Building & Supply Co., Urbana                        | 5 178 00                                     |
| 25 dissecting tables   | Veterinary Anatomy and Histology | Walrus Manufacturing Co., Decatur                                | 1 625 00                                     |
| Three 25 KVA and three 75 KVA distribution transformers  | Electrical Engineering           | Westinghouse Electric Corp., Springfield                         | 3 071 25                                     |

| <i>Item</i>  | <i>Department</i>        | <i>Vendor</i>                           | <i>Cost</i>  |
|--|--------------------------|---|--|
| Builders' risk insurance on Electrical Engineering Building  | Physical Plant           | Northwestern Mutual Insurance Co.       | 49 250 00<br>Ins. Est. net prem. \$142 less 20%<br>197 000 00<br>Ins. Est. net prem. \$568 less 20%<br>246 250 00<br>Ins. Est. net prem. \$710<br>246 250 00<br>Ins. Est. net prem. \$710<br>246 250 00<br>Ins. Est. net prem. \$710 |
| United Mutual Insurance Co.  |                          |   |  |
| Boggs & Cogdal   |                          |   |  |
| George Franks  |                          |   |  |
| Moore, Case, Lyman, & Hubbard  |                          |   |  |
| Approximately 30,000 gallons of 80-octane aviation gasoline; approximately 25,000 gallons of 91-octane aviation gasoline   | Institute of Aeronautics | The Texas Co., Champaign                | 4 553 10<br>for 80-octane<br>4 044 25<br>for 91-octane   |
| 62,000 gallons, approximately, 73-74 octane gasoline (ASTM)  | Physical Plant           | Ohio Oil Co., Urbana                    | 8 241 60   |
| 12,000 copies Illinois Farm Account Book   | Agricultural Economics   | John S. Swift Co., Inc., St. Louis      | 1 980 00   |
| 25% rag bond white paper: 125 reams 22x34, 40 lb.; 100 reams 22x34, 32 lb.; 40 reams 22x34, 26 lb.; 50 reams 24x38, 39 lb.   | Office Supply Store      | Dwight Brothers Paper Company, Chicago  | 2 975 47   |
| Eight No. 3084 heating elements with 4 rows of tubes; 4 No. 1848 heating elements with 4 rows of tubes; 3 No. 1848 heating elements with 3 rows of tubes for C. A. Dunham unit heaters | Physical Plant           | D. C. Murphy Co., Inc., Davenport, Iowa | 3 969 74<br>f.o.b. factory freight allowed to Galesburg  |

### B. Purchases Authorized by the Executive Committee

The following purchases recommended by the Director of Purchases and the Comptroller and approved by the President of the University have been authorized by the Executive Committee of the Board:

| <i>Item</i>   | <i>Department</i>                | <i>Vendor</i>                                     | <i>Cost</i>  |
|---|----------------------------------|---|--|
| One Fairbanks-Morse Diesel engine, with auxiliary equipment                 | Mechanical Engineering           | Fairbanks, Morse, and Co., Chicago                | \$4 376 82   |
| 46 steers   | Agricultural Economics           | Chicago Producers Commission Association, Chicago | 2 407 53   |
| 168 cases chemically pure acids for laboratory and shelf stock              | Chicago Undergraduate Division   | J. T. Baker Chemical Co., Chicago                 | 1 199 40<br>plus deposit of \$1,176 on cases and bottles |
| 15 cabinet-style electrical water coolers, approximately 14-gallon capacity | Chicago Undergraduate Division   | S. K. Culver Co., Chicago                         | 3 409 61   |
| One No. 5-KWRF portable induction heating unit                              | Physics                          | Mykroy, Inc., Chicago                             | 1 336 20   |
| 648 capacitor units   | Physics                          | Aerovox Corp., New Bedford, Mass.                 | 55 080 00<br>f.o.b. factory                              |
| One 12'x4'x3' chemistry table; one 6'x4'x3' chemistry table                 | Galesburg Undergraduate Division | Leonard Peterson Co., Chicago                     | 1 494 00<br>f.o.b. Chicago                               |

### C. Purchases Authorized by the President of the University

The following purchases have been authorized by the President of the University on the recommendations of the Director of Purchases and the Comptroller. Unless otherwise specified the purchases were made on the basis of lowest bids, or because the items are noncompetitive, or to obtain earliest delivery.

| <i>Item</i>  | <i>Department</i>        | <i>Vendor</i>   | <i>Cost</i> |
|--|--------------------------|---|-------------|
| One Model 35 Beechcraft airplane   | Institute of Aeronautics | Crows Flying Service, Milford                         | \$8 360 00  |
| 150 2 1/4-gallon water extinguishers with carbon dioxide cartridges  | Physical Plant           | Pyrene Fire Extinguisher Co., Chicago (75)            | 1 650 00    |
|  |                          | Walter Kidde & Co., Inc., Belleville, New Jersey (75) | 1 650 00    |
| Furniture for lounges (66 items)   | Housing                  | Mandel Brothers, Chicago                              | 4 952 44    |
| 100 reams 25x38 70-lb. white satin proof enamel paper  | Office Supply Store      | Dwight Brothers Paper Co., Chicago                    | 1 273 54    |
| To combine Soundex file system in accordance with the requirements of the Hospital Administrator and the Hospital Record Librarian | Medical Records          | Remington Rand, Inc., Chicago                         | 1 415 00    |

On motion of Mr. Fornof, the purchases recommended were authorized, the report of the Executive Committee was received for record, and the action of the President of the University in authorizing the above purchases was approved and confirmed.

#### WATER SURVEY BUILDING

(23) The Act of the 64th General Assembly making appropriations for a state-wide system of public works projects includes funds for the construction of a State Water Survey Building on the University campus. This is not a part of the University's building program but is in the building program for the State Natural History Survey, State Geological Survey, and the State Water Survey, which by law are located at the University but are administered by the State Department of Registration and Education and the State Board of Natural Resources and Conservation.

On April 6, 1945, the Board of Trustees assigned as a site for this building the area between Wright Street and Burrill Avenue, fronting on Springfield Avenue, across from the Men's Old Gymnasium (now occupied by the Varsity tennis courts), subject to the execution of an agreement between the Board of Trustees of the University of Illinois as one party and the Department of Registration and Education and Board of Natural Resources and Conservation as the other party, which shall provide that all plans and specifications for the construction of the building and for future expansion shall be subject to approval by the University.

This question of site has recently been reconsidered and it is now proposed by the Director of the Physical Plant Department, the Dean of the College of Engineering, and the Chairman of the Campus Planning Committee that the University acquire property fronting on Springfield immediately west of Wright Street as a site for the new Water Survey Building for the following reasons:

1. The site presently assigned will be needed for the development of the facilities of the College of Engineering. The proposed new site would not block such expansion.

2. It is desirable that the Water Survey Building be located close to the College of Engineering buildings, so that its facilities, which will include a hydraulic laboratory, will be conveniently accessible to certain departments, particularly Civil Engineering. The proposed new site offers this advantage.

3. The utilities distribution lines must eventually be extended across Wright Street into this area to service the new Fire Station which will be located adjacent to the proposed site. Funds have been included in the University's building program for the extension of the utilities service to the Fire Station.

4. This is one of the logical areas for future University expansion. It is more suitable for a scientific survey building than an academic building.

5. The new site is acceptable to the Chief of the State Water Survey.

The relocation of the Water Survey Building as here proposed will require the purchase by the University of land at an estimated cost of \$75,000. On the other hand, the construction of the Water Survey Building in the area presently allocated will require the construction of tennis courts elsewhere and it is estimated that this would cost \$33,162.

I concur and recommend approval.

On motion of Mr. Williamson, this building was relocated as recommended.

### RESIDENCE HALL REPLACEMENT FUND

(24) The first student residence hall in the University was placed in operation in 1919 (Mary E. Busey Hall). Evans Hall was added in 1926. During the years prior to 1932-1933, the net income of these halls was accumulated in a surplus fund with the intention of applying it toward building a new hall. The amount thus accumulated represented the excess of income over current expenditures without reserves for replacements.

On March 14, 1933, because of the acute financial situation of the State and the University, the Board of Trustees voted to transfer the balance of this accumulated surplus to the general funds of the University, where they were used for general operating expenses. The amount thus transferred was \$240,-045.68 (Comptroller's Report, June 30, 1933, page 26).

Beginning with 1934, the sums for building repairs and equipment replacements on a reserve basis have been set aside out of each year's income. A study has been made of the operations of all halls from their beginning, as a result of which it has been determined that a deficiency of \$116,637 exists in present reserves, due to the fact that reserves were not set aside during the early years of operation and that in some other years the amount set aside was inadequate. The Director of the Physical Plant, the Dean of Students, and the Comptroller have recommended that this reserve be reinstated as soon as practicable. Since the funds that should have been applied to this reserve from the earnings of the halls were used for general University purposes as above stated, it is appropriate that they be replaced out of the General Reserve Fund.

As a partial step in this direction, it is recommended that one-half of the total accumulation at this time be appropriated from the General Reserve Fund to the reserve fund of Student Residence Halls. To that end I recommend such an appropriation in the amount of \$58,319.

It is the intention, if funds permit, to recommend a similar appropriation during the biennium of 1947-1949, thus completing the adjustment.

On motion of Mrs. Holt, this appropriation was made as recommended, by the following vote: Aye, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Williamson; no, none; absent, Mr. Davis, Mr. Green, Dr. Luken, Mr. McKelvey, Mr. Nickell.

### CALLING OF ILLINI UNION BUILDING AND RESIDENCE HALL LOANS

(25) The following loans on University buildings are callable on quarterly interest dates on or after the dates indicated:

|   |           |
|---|-----------|
| Illini Union Building 3¾% (callable on October 1, 1947,   |           |
| at a premium of 2% of unpaid balance).....                | \$481 800 |
| Men's Residence Halls 3¾% (callable on September 1, 1947, |           |
| at a premium of 2% of unpaid balance).....                | 525 300   |

In the case of the Illini Union Building, accumulated funds will make possible some additional payment, so that the new loan will be somewhat less than the outstanding balance.

The present loans are mortgage loans, originally made through the University of Illinois Foundation, but later assumed by the Board of Trustees. The new loans will be in the form of revenue bonds issued under the special act of 1945, recently amended.

It is also necessary to borrow about \$700,000 additional to provide for completion of the new women's residence hall now under construction. It may be desirable to consolidate this requirement with refunding of the amount now outstanding on the men's residence halls. Income of present women's residence halls is merged with men's residence hall income for financing the existing loan.

The Comptroller recommends that the calling of these loans be authorized on or as soon as practicable after the first call date, the loans to be offered for bids by all interested parties, under such conditions as may be approved by the Finance Committee, the Committee to review and recommend to the Board an award after bids are received.

Approval of this recommendation is requested.

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

### CHANGE IN "POLICY AND RULES RELATING TO COMPENSATION AND WORKING CONDITIONS OF NONACADEMIC EMPLOYEES"

(26) The officials of the College of Agriculture recommend that the farm employees be placed on a 44-hour base work week schedule, instead of the present 48-hour schedule, effective July 1, 1947. The Director of Nonacademic Personnel approves this change, and I concur.

An increase in hourly (or monthly) rates is contemplated July 1, as a result of which the total earnings of this group will be approximately the same for the reduced schedule as the present one.

On motion of Mrs. Holt, this change was approved as recommended.

### NEW SALARY SCALES IN CIVIL SERVICE POSITIONS

(27) The Director of Nonacademic Personnel requests approval of new scales of minimum and maximum salaries in Civil Service classifications effective July 1, 1947, to replace the salary scales originally established in 1944 and modified from time to time.

These new salary ranges have been established after a thorough evaluation of our own positions as compared to similar ones in other services and in consultation with administrative officers who are concerned with these classifications. The changes will bring the University salary ranges up to date in the current labor market (see page 479 for list).

I recommend approval.

On motion of Mr. Williamson, these scales were approved as recommended.

### SUPPLEMENTARY AWARD OF CONTRACTS FOR SMALL HOMES CONSTRUCTION

(28) Following is a summary of additional bids received for the construction of the plumbing needed in the Small Homes Council Field Office and Research Residence:

#### *Field Office*

|  |            |
|--|------------|
| Frank Clancy.....                        | \$1 523 75 |
| Reliable Plumbing & Heating Company..... | I 212 00   |

It is recommended that the contract for this work be awarded to the lowest bidder, the Reliable Plumbing & Heating Company.

#### *Research Residence*

|  |            |
|--|------------|
| Frank Clancy.....                        | \$1 610 75 |
| Reliable Plumbing & Heating Company..... | I 265 00   |

It is recommended that the contract for this work be awarded to the lowest bidder, the Reliable Plumbing & Heating Company.

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

### AWARD OF CONTRACTS FOR ADDITIONAL PARKING FACILITIES

(29) On April 24, 1947, the Board approved a special appropriation of \$30,000 for additional parking facilities in Urbana-Champaign. Bids have been received from two local companies, and the low bid on each project is as follows:

|   | <i>Car Capacity</i> | <i>Amount</i> |
|---|---------------------|---------------|
| Champaign Asphalt Co. (using 4" crushed rock and 2" asphalt concrete):          |                     |               |
| Wesley Foundation.....  | 107                 | \$11 853      |
| Frank A. Somers Co., Inc. (using 8" pit run gravel and 2" traffic bound stone): |                     |               |
| Mathews Avenue.....   | 86                  | 5 060         |
| Southeast of Mumford Hall.....  | 109                 | 10 404        |
| South of Architecture Building.....   | 91                  | 4 863         |
| North of Physics Building.....  | 28                  | 3 995         |
| Extension of Sixth Street parking lot.....                                      | 23                  | 3 276         |
| Reconstruction of present Sixth Street parking lot.....                         | 40                  | 1 211         |
| <i>Total</i> .....  |                     | \$40 662      |

In view of the fact that these bids would exceed the amount appropriated, the Director of the Physical Plant recommends the omission, at this time, of two of the above-mentioned lots (the lot southeast of Mumford Hall and the lot north of the Physics Building), which would reduce the total of the two contracts to \$25,263.

The Director of the Physical Plant and the Comptroller recommend the award of these contracts at a total cost of \$25,263. I concur and request authority for the Comptroller and Secretary of the Board to execute the necessary contracts.

On motion of Mr. McLaughlin, these awards were authorized and authority granted as recommended.

#### CONTRACTS EXECUTED BY THE COMPTROLLER MAY 11 TO JUNE 10, 1947

(30) The Comptroller's report of contracts executed for the period from May 11 to June 10, 1947.

| <i>With Whom</i>                                    | <i>Purpose</i>   | <i>Amount to be paid by the University</i>   | <i>Date</i>        |
|---|--|--|--------------------|
| Flynn Fence and Supply Company                      | Fence relocation at Medical Center   | \$6 818 00   | April 28, 1947     |
| Shaw, Naess, and Murphy                             | Ventilating Electrical Engineering Annex                                       | 700 00   | April 3, 1947      |
| Industrial Roofing Company                          | Reroofing the Floriculture and Vegetable Greenhouse                            | 7 705 00   | April 14, 1947     |
| Pace Associates                                     | Medical Center remodeling, supervisory and planning services                   | 10% of the cost of the work  | May 9, 1947        |
| White and McTaggart                                 | Installation of Bendix Home Laundries in Residence Halls                       | None   | April 24, 1947     |
| Mount Hope Cemetery                                 | Easement of land for electric, water, and telephone distribution systems       | 100 00   | May 21, 1947       |
| <i>With Whom</i>                                    | <i>Purpose</i>   | <i>Amount to be paid to the University</i>   | <i>Date</i>        |
| Veterans Administration                             | Vocational rehabilitation at Chicago under Public Law 16                       | Students' tuition, books, and fees   | July 1, 1946       |
| Veterans Administration                             | Advance payment for G.I.'s tuition   | 75% of total estimate  | April 9, 1947      |
| Headquarters of the Fifth Army                      | Two semesters, training for 11 military personnel in communication engineering | Fall term per man 139 13<br>Spring term per man 139 12   | March 18, 1947     |
| United States Navy, Bureau of Supplies and Accounts | Instruction for 42 students in N.R.O.T.C.                                      | 7 548 64   | September 25, 1947 |
| United States Navy, Bureau of Supplies and Accounts | Training for 25 students under the Navy Aviation College Program               | 4 596 95   | September 25, 1947 |
| State of Illinois, Division of Rehabilitation       | Diagnosis, recommendations, and instruction for clients of the Speech Clinic   | Hearing aid test: \$15<br>Check on hearing aid: \$3<br>Group training (per person per hour): less than four, \$2; more than four, \$1.50<br>Individual training: 1 hour, \$4; ½ hour, \$2.50 | May 1, 1947        |
| National Fabricated Products                        | Water sterilization with ultraviolet light                                     | 300 00   | February 13, 1947  |
| Air Materiel Command                                | Instruction for two Army Air Force officers                                    | 210 00   | March 6, 1947      |

This report was received for record.

#### AUTOMOBILE FLEET INSURANCE

(31) Specifications were sent to 41 interested agencies for automobile fleet insurance, including comprehensive public liability and property damage with \$25/50,000 and \$5,000 limits respectively; comprehensive fire and theft (non-collision except on a few automobiles) on a stated value-per-car basis; and public liability with \$15/20,000 limits covering motor propelled equipment not subject to State Vehicle Registration.

Quotations were received from ten companies. The lowest bids in companies meeting the minimum requirements as to financial status are:

|   |                   |
|---|-------------------|
| Public Liability and Property Damage:                       | Premium           |
| Travelers Indemnity (R. C. Knight,<br>Chicago, Agent) ..... | \$2 355 36        |
| Fire, Theft, and Collision:                                 |                   |
| Travelers Fire (R. C. Knight, Chicago, Agent)               | 561 00            |
|   | <u>\$2 916 36</u> |

The insurance is for one year beginning July 1, 1947. The premium is chargeable to the budget appropriation of the Physical Plant Department.

The Director of Purchases and the Comptroller recommend approval of this insurance.

I concur.

On motion of Mr. Fornof, these contracts were awarded as recommended.

#### AWARD OF CONTRACTS BY THE EXECUTIVE COMMITTEE

(32) The Executive Committee reports the award of contracts as follows. The Secretary and the Comptroller of the Board have been authorized to execute these contracts.

*General Construction Work on the Physical Environment Unit.*—Contract awarded to E. H. Marhoefer, Jr., Company, Chicago, the lowest bidder, in the amount of \$206,325. Contract award is subject to release of funds by the Governor for this project.

*Automatic Fire Detection System in the W. A. Noyes Laboratory of Chemistry.*—Contract awarded to the Gamewell Company, Newton Upper Falls, Massachusetts, the lowest bidder, in the amount of \$16,705. Funds are available in the Physical Plant Department budget for this purchase.

*Fire Alarm Telegram Equipment.*—Contract for equipment in the buildings at Urbana-Champaign awarded to the Gamewell Company, Newton Upper Falls, Massachusetts, in the amount of \$15,535.60. Two bids were received as follows: the Autocall Company, \$12,453.50; the Gamewell Company, \$15,535.60. The Executive Committee awarded the contract to the Gamewell Company because it made a firm bid and guaranteed delivery of all equipment within 100 days. The Autocall Company bid included an escalator clause, and the company could not make delivery in less than 9 to 12 months. Funds are available in the Physical Plant Department budget for this purchase.

*General Work on Finishing Fourth Floor in Mumford Hall.*—Contract for general work awarded to C. A. Petry and Sons, the lowest bidder, in the amount of \$21,084. The Board of Trustees on April 24 (Minutes, page 342) made an appropriation for this improvement.

This report was received for record.

#### REAPPROPRIATION OF BUILDING FUNDS

(33) On January 25, 1947, the Board of Trustees authorized a request to the 65th General Assembly of Illinois for the reappropriation of funds remaining unexpended as of June 30, 1947, in the appropriations made by the 64th General Assembly for the biennium of 1945-1947 for buildings and other capital improvements.

On April 24, 1947, the Board authorized a redistribution of the funds to be reappropriated so as to provide sufficient funds for the total cost of each high priority project which should be completed within the 1947-1949 biennium. This was done at the request of the Director of the State Department of Finance, following conferences with the President and other University officials. The State Administration had adopted the policy of releasing funds for construction work only if a sufficient appropriation was available to complete a usable unit.

The Director of Finance agreed to recommend this readjustment of funds in the State budget for 1947-1949, together with an addition of \$2,000,000 for



student residence halls. These items were in the budget recommended by the Governor to the General Assembly and in the omnibus bill introduced by the State Administration.

The Director of Finance had stated that this might represent the total amount of capital funds to be made available to the University during the biennium of 1947-1949. The statement was not accepted as binding on the University and the Director was so advised in writing by the President.

The total of the reappropriation requested by the University under the agreement with the Director of Finance was \$15,287,920. The original schedule of new capital appropriations to be requested for the biennium of 1947-1949 as approved by the Board on October 22, 1946, totaled \$29,450,000. This was reduced by the Board on April 24 to \$20,472,000. A bill for such an appropriation has been introduced in both houses of the General Assembly. It is now on the order of third reading in the House of Representatives, having been approved unanimously by its Committee on Appropriations.

On June 17 the Senate Committee on Appropriations voted to reduce all building appropriations by 15 per cent. University officials were given a hearing by the Senate sitting as a Committee of the Whole on June 19. Following this hearing, University officials were requested to submit a schedule of reductions in the aggregate of 15 per cent of the total sum.

I present herewith a schedule of the revision in these appropriations for basic building funds for 1947-1949, carrying out the mandate of the Senate.

REPORT OF REVISION IN APPROPRIATION BILL  
FOR BASIC BUILDING FUND BUDGET 1947-1949 (S. B. 662)

|  | <i>Amount Included<br/>in Present Bill</i> | <i>Reduction</i>   | <i>Net<br/>Amount</i> |
|--|--|--------------------|-----------------------|
| Urbana-Champaign:                          |  |                    |                       |
| Chemistry Building.....                    | \$ 2 500 000                               | .....              | \$ 2 500 000          |
| Electrical Engineering Laboratory....      | 1 100 000                                  | .....              | 1 100 000             |
| Mechanical Engineering Laboratory..        | 1 150 000                                  | .....              | 1 150 000             |
| Fine Arts Building .....                   | 1 200 000                                  | \$1 200 000        | .....                 |
| Temporary Housing .....                    | 450 000                                    | 200 000            | 250 000               |
| Student Residence Halls .....              | 2 200 000                                  | 200 000            | 2 000 000             |
| Student and Staff Apartments .....         | 500 000                                    | 100 000            | 400 000               |
| Power Plant Addition.....                  | 775 000                                    | .....              | 775 000               |
| Utilities Distribution System .....        | 1 550 000                                  | .....              | 1 550 000             |
| Water Station Improvements .....           | 110 000                                    | .....              | 110 000               |
| Fire Protection Facilities.....            | 75 350                                     | 4 188              | 71 162                |
| Physics Research Laboratory .....          | 65 000                                     | .....              | 65 000                |
| Betatron.....                              | 984 000                                    | .....              | 984 000               |
| Fire Truck.....                            | 24 725                                     | .....              | 24 725                |
| Chicago:                                   |  |                    |                       |
| Physical Environment Addition.....         | 323 000                                    | .....              | 323 000               |
| Utilities Distribution System .....        | 469 000                                    | 190 000            | 279 000               |
| Land .....                                 | 250 000                                    | 100 000            | 150 000               |
| Equipment (all buildings) .....            | 450 000                                    | 12 000             | 438 000               |
| Plans and Specifications (future projects) | 420 000                                    | 214 000            | 206 000               |
| Contingencies.....                         | 691 845                                    | 73 000             | 618 845               |
| <i>Total .....</i>                         | <i>\$15 287 920</i>                        | <i>\$2 293 188</i> | <i>\$12 994 732</i>   |

The effects of this reduction were discussed by the President of the University, the Vice-President, and the Provost.

On motion of Mr. Fornof, the action of the President in consenting to the revision of Senate Bill 662 was approved and confirmed, and the President was authorized to issue a statement on the seriousness of the situation. The following telegram was sent, over the signatures of the members of the Board, to the Governor, President of the Senate, President *pro tempore*, Speaker of the House, Chairman of the Appropriations Committees, to the Majority and Minority Leaders of the Senate and the House, and to the Senators and Representatives from

the second and twenty-fourth districts and to the Honorable Peter C. Granata of the seventeenth district.

The Board of Trustees of the University of Illinois has received the report of the President of the University with respect to the re-allocation of items in Senate Bill 662 in conformity to the action of the State Senate on June 10th reducing the total sum for the University from \$15,287,920 by \$2,293,188. The Board has approved the redistribution in full recognition of the fact that the Senate action will damage the effectiveness of the University's program in the next biennium. The elimination of the fine arts building alone will reduce the facilities at Urbana in 1948 by 25 classrooms.

The Board respectfully calls your attention to the urgency of the University building items in H. B. 844. This includes \$13,000,000 for crucial medical needs on the Chicago campus and \$7,000,000 for Urbana-Champaign. The latter includes \$1,400,000 for a veterinary building.

We vigorously urge that full consideration be given in the House and the Senate to House Bill 844. The items in this bill are identified with mounting demands for the instruction of veterans, doctors, nurses, veterinarians, teachers, and others whose services are everywhere in such short supply as to endanger the public welfare. The Board of Trustees and the officers of the University will welcome a hearing on these issues. We believe that we speak on behalf of the public interest as we are expected to do in matters of educational policy.

#### CHANGES IN UNIVERSITY (MEN'S) CLUB CONTRACT WITH UNIVERSITY

Mr. Fornof, for the special committee appointed May 27, 1947 (Minutes, page 367), to consider a change in contract with the University Club, reported as follows:

On May 27, 1947, the Board referred to the undersigned a recommendation of the President for a change in the contract of the University with the University (Men's) Club of Urbana, whereby the University would assume responsibility for food service at the Club. The original proposal placed on the University the probability of an operating loss estimated at \$1,800 a year in addition to capital expenditures of approximately \$16,000. That loss resulted chiefly from the provision that meals would be served to members of the Club at 10% less than menu prices.

This provision has been withdrawn by the Club, which has agreed that meals will be served to members and non-members at the same price, and on a self-supporting basis. The University (through the Illini Union which will operate the food service) will extend credit privileges to all Club members.

With these changes in the proposal, the special committee recommends that the recommendation of the President of the University be approved.

JOHN R. FORNOF  
FRANK H. MCKELVEY  
KENNEY E. WILLIAMSON

On motion of Mr. Fornof, this recommendation was approved and adopted.

#### RELEASE OF PATENT ON WATER PURIFICATION PROCESS TO GOVERNMENT

The Legal Counsel presented the following report:

The Faculty Patent Committee had a meeting on June 13 to discuss the release of a discovery of Mr. Herbert E. Hudson, Jr., of a Water Purification Process and Apparatus, which discovery was made under Contract OEMsr-593.

The Committee considered the matter and voted to recommend to the President and the Board of Trustees that the same be released and that the Government be authorized to file an application for patent in the name of the discoverer, that the discoverer be directed to execute the necessary assignment to the Government, the Government to sustain all the costs incident thereto.

This matter was referred to the Committee on Patents for consideration and report.

**SECRETARY'S REPORTS**

The Secretary presented the following lists for record, as printed in the Appendix:

1. Appointments made by the President of the University (page 410).
2. Resignations, declinations, and cancellations (page 412).
3. Graduate scholars and fellows (page 413).
4. Degrees conferred at Urbana and in Chicago (page 415).

The Board adjourned.

H. E. CUNNINGHAM

*Secretary*

PARK LIVINGSTON

*President*

## APPENDIX

## APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. Part-time appointments are shown by fractions after the name of the department. C = College; S = Station; E = Extension.)

- ALEXANDER, J. D., Assistant, Soil Survey Research (Agronomy) (S), two months beginning July 1, 1947, \$220 a month (6-18-47).
- ANDERSON, A. T., Assistant Professor, Agricultural Economics (E), three months beginning June 1, 1947, \$350 a month (5-29-47).
- BARTON, HELEN M., Assistant Professor, Physical Education for Women (Undergraduate Division in Chicago), September 15, 1946-August 31, 1947, \$430 a month, supersedes (5-27-47).
- BERRAFATO, P. R., Instructor, Physical Education for Men (Undergraduate Division in Chicago), ten months beginning October 1, 1946, \$2700, supersedes (5-27-47).
- BITTING, BARBARA, Bibliographer, rank of Instructor, Acquisition (Library), June 15-August 31, 1947, \$233.33 a month (6-18-47).
- BOLLE, ELVA J., Instructor, Physical Education for Women (Undergraduate Division in Chicago), five months beginning March 1, 1947, \$270 a month, supersedes (5-27-47).
- BROWN, D. E., Assistant Professor, Journalism, one year beginning September 1, 1947, \$4200 (6-12-47).
- CALDER, MRS. GRACE, Assistant Psychometrist, Student Personnel Bureau, two months beginning July 1, 1947, \$216.67 a month, supersedes (6-18-47).
- CANEPA, J. F., Research Fellow, Physiology (Medicine), four months beginning May 1, 1947, \$200 a month (6-11-47).
- COMBS, WINIFRED M., Assistant, Veterinary Physiology and Pharmacology (Veterinary Medicine), one year beginning September 1, 1947, \$2400 (6-3-47).
- COMPTON, MARION E., Public Health Nurse, University Nursery School, May 15-August 31, 1947, \$250 a month (5-27-47).
- COOLEY, H. N., Assistant to the Dean (Undergraduate Division in Chicago), June 1, 1947-August 31, 1948, \$6000 a year (6-3-47).
- CULVER, L. B., Assistant Professor, Forestry Extension, Extension Forester (Forestry) (E) (64/100), four months beginning May 1, 1947, \$2560 a year, in addition to \$1440 a year paid by the Illinois State Natural History Survey, for which the University assumes no responsibility, supersedes (5-27-47).
- CZYZEWSKI, HARRY, Assistant Professor, Metallurgical Engineering (C), two years beginning September 1, 1947, \$4000 a year (6-12-47).
- DORFMAN, A. M., Assistant, Physical Education for Men (Undergraduate Division in Chicago), ten months beginning October 1, 1946, \$2500, supersedes (5-27-47).
- DORSTEWITZ, EMILY L., Assistant, Veterinary Pathology and Hygiene (Veterinary Medicine), one year beginning September 1, 1947, \$2750 (5-27-47).
- ERICKSON, A. E., First Assistant, Soil Survey Research (Agronomy) (S) ( $\frac{1}{4}$ ), June 11-August 31, 1947, \$58.34 a month, supersedes (5-27-47).
- ESTES, O. C., Instructor, Physics (Undergraduate Division in Galesburg), ten months beginning September 1, 1947, \$3600 (6-12-47).
- FELLOWS, ARNOLD, Instructor, Business English, ten months beginning September 1, 1947, \$3000 (6-3-47).
- FERGUSON, W. C., Research Assistant, Entomology, three months beginning June 1, 1947, \$275 a month (6-5-47).
- FORDON, LEONA R., Clinical Assistant, Ophthalmology (Medicine), three months beginning June 1, 1947, without salary (6-11-47).
- FREY, H. J., Assistant, Physical Education for Men (Undergraduate Division in Chicago), ten months beginning October 1, 1946, \$2500, supersedes (5-27-47).
- GREENWOOD, H. P., Instructor, Economics, ten months beginning September 1, 1947, \$3300 (6-3-47).
- GROSSMAN, ABRAHAM, Assistant Professor, Radiology (Medicine), Assistant Radiologist (Research and Educational Hospital) ( $\frac{1}{2}$ ), three months beginning June 1, 1947, \$300 a month (6-3-47).
- GUILLOU, J. C., Special Research Associate, Civil Engineering (S), June 16, 1947, until further notice, \$375 a month (6-3-47).

- HARBESON, R. W., Associate Professor, Economics, two years beginning September 1, 1947, \$5200 a year (6-12-47).
- HEATHMAN, JESSIE E., Assistant Extension Editor, Assistant Professor, Home Economics Extension (E), four months beginning May 1, 1947, \$333.34 a month, supersedes (5-27-47).
- HERZ, WERNER, Research Assistant, Chemistry, one year beginning September 1, 1947, \$3000 (6-3-47).
- HOUSER, JACQUE, Assistant Professor, Aeronautical Engineering (C), one year beginning September 1, 1947, \$4200 (6-18-47).
- JONES, J. O., Associate Professor, Physical Education for Men, Head of the Department, Director, Division of Physical Education (Undergraduate Division in Chicago), one year beginning September 1, 1946, \$6000, supersedes (5-27-47).
- JONES, W. H., Postdoctoral Fellow, Chemistry, ten months beginning September 1, 1947, \$3000 (5-27-47).
- KEYSER, D. B., Instructor, Physical Education for Men (Undergraduate Division in Chicago), ten months beginning October 1, 1946, \$2800, supersedes (5-27-47).
- KIMES, STANLEY, Kate Neal Kinley Memorial Fellowship for 1947-1948 (6-9-47).
- LAFFERTY, W. A., Instructor, Mathematics (Undergraduate Division in Galesburg), ten months beginning September 1, 1947, \$3500 (5-27-47).
- LAPLANTE, R. J., Special Research Assistant, Electrical Engineering (S) ( $\frac{1}{2}$ ), four months beginning June 1, 1947, \$110 a month (5-28-47).
- LINDBECK, W. A., Assistant Professor, Chemistry, Chairman, Division of Natural Sciences (Undergraduate Division in Galesburg), July 1, 1947-August 31, 1948, \$5500 a year (6-12-47).
- LUDVIK, G. F., Special Research Assistant, State Natural History Survey and Agricultural Experiment Station, four months beginning June 1, 1947, \$250 a month, supersedes (5-27-47).
- MART, MRS. DOROTHY J., Instructor, Physical Education for Women (Undergraduate Division in Chicago), five months beginning March 1, 1947, \$135 a month, supersedes (5-27-47).
- MCCASLAND, G. E., Research Assistant, Chemistry, one year beginning September 1, 1947, \$3400 (5-27-47).
- MCCULLOCH, W. S., Professor, Physiology (Medicine), indefinite tenure beginning June 1, 1947, without salary; in addition to his appointment in Department of Psychiatry (5-27-47).
- MC SWANE, C. I., Instructor, Mathematics (Undergraduate Division in Galesburg), ten months beginning September 1, 1947, \$3000 (5-27-47).
- MILROY, J. J., Clinical Assistant, Surgery (Medicine), three months beginning June 1, 1947, without salary (6-3-47).
- MONYPENNY, PHILLIP, Assistant Professor, Political Science, two years beginning September 1, 1947, \$4000 a year (5-29-47).
- MORTLAND, M. M., Assistant, Soil Survey Research (Agronomy) (S), June 16, 1947-August 31, 1947, \$216.67 a month (5-27-47).
- MUNSE, W. H., Special Research Assistant Professor, Civil Engineering (S), June 16, 1947, until further notice, \$350 a month (6-3-47).
- MYERS, J. J., Special Research Assistant, Electrical Engineering (S), one month beginning June 1, 1947, \$333.33, supersedes (6-18-47).
- NAGAI, INEZ, Instructor, Physical Education for Women (Undergraduate Division in Chicago), ten months beginning October 1, 1946, \$2700, supersedes (5-27-47).
- NEVILLE, HARRIETT, Research Assistant, Chemistry, one year beginning September 1, 1947, \$2600 (5-27-47).
- OXTOBY, MRS. ELOISE T., Clinical Counselor, Student Personnel Bureau, three months beginning June 1, 1947, \$900 (6-3-47).
- RANNEY, J. A., Instructor, Political Science, ten months beginning September 1, 1947, \$3000 (5-27-47).
- RATCLIFFE, T. E., JR., Bibliographer, rank of Instructor, Acquisition (Library), two months beginning July 1, 1947, \$233.33 a month (6-18-47).
- RENNELS, R. G., Associate Extension Forester (Forestry) (E), June 15-August 31, 1947, \$1980 a year; in addition to \$1620 a year paid by the United States Department of Agriculture, for which the University assumes no responsibility (5-27-47).

- ROBBINS, MARY W., Research Assistant, Chemistry, one year beginning September 1, 1947, \$2600 (5-27-47).
- RYNKOWSKY, NATHAN, Special Research Assistant, Electrical Engineering (S) ( $\frac{1}{2}$ ), one month beginning June 1, 1947, \$112.50 (5-28-47).
- SCOTT, A. L., Instructor, English, ten months beginning September 1, 1947, \$3000 (5-27-47).
- SHEPHERD, MARK, JR., Assistant, Electrical Engineering (C) ( $\frac{1}{2}$ ), four months beginning June 1, 1947, \$110 a month (5-28-47).
- SOBOTKA, MRS. FRANCES F., Assistant Professor, Russian, one year beginning September 1, 1947, \$4000, supersedes (6-3-47).
- STEPLETON, PAULINE D., Associate Professor, Hygiene, Medical Advisor for Women (Undergraduate Division in Chicago) ( $\frac{1}{2}$ ), one year beginning July 1, 1947, \$2500 (6-2-47).
- STILLWELL, GARDINER, Assistant Professor, English, one year beginning September 1, 1947, \$4000 (6-3-47).
- STORM, ROSEMARY J., Personnel Technician, Student Personnel Bureau ( $\frac{1}{2}$ ), four months beginning May 1, 1947, \$108.33 a month, supersedes (6-9-47).
- SUTHERLAND, R. L., Special Research Associate, Theoretical and Applied Mechanics (C) ( $\frac{1}{4}$ ), June 9-August 2, 1947, \$100 a month; full time, August 3, 1947, until further notice, \$300 a month, supersedes (6-16-47).
- SWANSON, MRS. MARJORIE W., Assistant, Speech, ten months beginning September 1, 1947, \$2400 (6-3-47).
- VOIGT, R. F., Assistant Professor, Pharmacognosy and Pharmacology (Pharmacy), Assistant to the Director, Drug Plant and Experiment Station, two months beginning July 1, 1947, \$666.66 a month, supersedes (6-18-47).
- WEIBEL, R. O., Assistant Professor, Crop Production Research and Plant Genetics Research (Agronomy) (S), three months beginning June 1, 1947, \$333.34 a month, supersedes (5-27-47).
- WEISS, S. I., Instructor, Theoretical and Applied Mechanics (C) ( $\frac{1}{3}$ ), ten months beginning September 1, 1947, \$1100 (6-16-47).
- WELLER, A. S., Professor, History of Art, on Special Graduate School Fund for University Distinction, one year beginning September 1, 1947, \$6000 (5-29-47).

#### RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- AIKEN, H. H., Special Research Assistant, Mechanical Engineering (S) — resignation effective 6-1-47.
- ASROW, S. P., Special Research Assistant, Civil Engineering (S) — resignation effective 6-9-47.
- BASHE, C. J., Scholar, Electrical Engineering — declination effective 10-1-47.
- BROWN, F. L., Instructor, Veterinary Extension (Veterinary Medicine), Instructor, Extension Service in Agriculture and Home Economics — resignation effective 5-3-47.
- CLINTON, HAROLD, Special Research Assistant, Civil Engineering (S) — resignation effective 7-16-47.
- CONANT, J. H., Special Research Graduate Assistant, Civil Engineering (S) — resignation effective 6-1-47.
- CUTLER, W. G., Scholar, Mathematics — declination effective 10-1-47.
- DRENNAN, ELWANDA, Assistant, Home Economics (C) — resignation effective 6-1-47.
- GORDON, R. D., Special Research Associate, Electrical Engineering (S) — resignation effective 6-12-47.
- GOSSARD, M. L., Special Research Associate, Theoretical and Applied Mechanics (S) — resignation effective 7-1-47.
- HEILBRUNN, GERT, Clinical Assistant Professor, Psychiatry (Medicine) — resignation effective 5-23-47.
- HLAVKA, G. E., Scholar, Mechanical Engineering — declination effective 10-1-47.
- JACOBS, MRS. ROBERTA J., Special Research Assistant, Home Economics (S) — resignation effective 6-1-47.
- JAMES, MRS. ELIZABETH S., Assistant, Home Economics (C) — resignation effective 6-30-47.
- KAEMERLE, H. K., Research Assistant, Pharmacology (Medicine) — resignation effective 6-1-47.

- KLANE, FRANK, Special Research Assistant, Ceramic Engineering (S) — resignation effective 7-1-47.
- KOELLER, H. L., Assistant, Agricultural Economics (C) — resignation effective 6-23-47.
- MENZEL, HERBERT, Scholar, Sociology — declination effective 10-1-47.
- MURRAY, BARBARA E., Special Research Assistant, Home Economics (S) — resignation effective 6-1-47.
- NADEN, R. A., Research Assistant, Dairy Manufactures (Dairy Husbandry) (S) — resignation effective 6-17-47.
- NELSON, B. K., Scholar, Physics — declination effective 10-1-47.
- NICOLAI, BLANCHE, Research Assistant, Floriculture (Horticulture) (S) — resignation effective 4-30-47.
- NINAN, ANNAMMA, Fellow, Psychology — declination effective 2-1-48.
- OLIVER, J. V., Instructor, Anatomy (Medicine) — resignation effective 6-1-47.
- RANZ, BERNICE L., Assistant Psychometrist, Student Personnel Bureau — resignation effective 6-1-47.
- RAYMOND, R. L., Assistant, Bacteriology — resignation effective 6-1-47.
- ROBBINS, K. C., Instructor, Biological Chemistry, Research Assistant, Allergy Unit (Medicine) — resignation effective 6-30-47.
- ROBERTS, C. N., Scholar, Geology — declination effective 10-1-47.
- SHEFFIELD, H. J., JR., Instructor, Institute of Aeronautics — resignation effective 7-31-47.
- SMITH, W. M., JR., Assistant Professor, Rural Youth Extension (E) — resignation effective 5-1-47.
- STEPLETON, PAULINE D., Associate Professor, Hygiene, Medical Advisor for Women (Undergraduate Division in Chicago) — cancellation effective 3-15-47.
- SWENSON, J. V., Scholar, Philosophy — declination effective 10-1-47.
- THARPE, JOSEPHINE M., Assistant Reference Librarian, rank of Instructor — resignation effective 7-25-47.
- WATTS, R. E., Instructor, Veterinary Pathology and Hygiene (Veterinary Medicine) — resignation effective 6-14-47.
- WISEMAN, HELEN, First Assistant, Home Economics (S) — resignation effective 8-12-47.
- YARNALL, W. A., Assistant Professor, Physical Sciences (Undergraduate Division in Chicago) — resignation effective 5-23-47.

#### GRADUATE SCHOLARS AND FELLOWS

(The date in parenthesis is the date on which the appointment was made by the President of the University. Terms of the year are abbreviated as follows: S. — Summer, four months beginning June 1, 1947. F. — Fall, four months beginning October 1, 1947. W. — Winter, four months beginning February 1, 1948.)

| URBANA DEPARTMENTS   | Terms of<br>1947-1948 | Scholarship<br>Stipend | Fellowship<br>Stipend |
|--|-----------------------|------------------------|-----------------------|
| <i>Agricultural Economics</i>  |                       |                        |                       |
| HENDRIK JAN LOUWES (6-6-47) (Booth<br>Scholar in Agricultural Economics).....          | S. <sup>1</sup>       | \$300                  | ...                   |
| <i>Bacteriology</i>  |                       |                        |                       |
| SZE LU HANG (6-16-47).....   | S.F.                  | ...                    | \$900                 |
| <i>Ceramic Engineering</i>   |                       |                        |                       |
| CEDRIC D. BRUNNER (6-10-47) (Edward Orton,<br>Jr., Fellow in Ceramic Engineering)..... | F.W.                  | ...                    | 750                   |
| WILLIAM A. GRAFF (5-29-47) (Owens-Illinois<br>Fellowship).....                         | F.W.                  | ...                    | 1 600                 |
| <i>Chemistry</i>   |                       |                        |                       |
| JULIAN BATTAILLE (5-29-47).....  | F.W.                  | 500                    | ...                   |
| CHARLES J. DELBECQ (5-29-47).....  | F.W.                  | ...                    | 750                   |
| JOHN R. HUIZENGA (5-29-47).....  | S.                    | ...                    | 375                   |
| GRADUS L. SHOEMAKER (5-29-47).....   | F.W.                  | ...                    | 750                   |

<sup>1</sup> Three months beginning June 1, 1947.

| URBANA DEPARTMENTS  |  | <i>Terms of<br/>1947-1948</i> | <i>Scholarship<br/>Stipend</i> | <i>Fellowship<br/>Stipend</i> |
|---|--|-------------------------------|--------------------------------|-------------------------------|
| <i>Civil Engineering</i>  |  |                               |                                |                               |
| PRYOR N. RANDALL (5-29-47) (Standard Oil<br>Fellow in Civil Engineering)..... |  | F.W.                          | ...                            | 1 500                         |
| <i>Economics</i>  |  |                               |                                |                               |
| SIEN-TSIN HU (5-29-47).....   |  | S.F.                          | ...                            | 900                           |
| <i>Electrical Engineering</i>   |  |                               |                                |                               |
| CHARLES J. BASHE (5-29-47).....   |  | F.W.                          | 500                            | ...                           |
| PAUL E. RUSSELL (5-29-47).....  |  | F.W.                          | 500                            | ...                           |
| WILSON C. WEARN (5-29-47).....  |  | F.W.                          | 500                            | ...                           |
| <i>English</i>  |  |                               |                                |                               |
| MRS. DOROTHY W. ZIMMERMAN.....  |  | F.W.                          | 500                            | ...                           |
| <i>Entomology</i>   |  |                               |                                |                               |
| PAUL A. DAHM (5-24-47).....   |  | S.                            | ...                            | 450                           |
| MRS. JANET L. C. RAPP (5-29-47).....  |  | F.W.                          | ...                            | 900                           |
| GARLAND T. RIEGEL (5-24-47) (Postdoctoral<br>Fellow).....                     |  | F.W.                          | ...                            | 2 400                         |
| <i>Geology</i>  |  |                               |                                |                               |
| ROBERT V. KESLING (6-16-47) (Shell Fellow-<br>ship).....                      |  | S.F.                          | ...                            | 1 200                         |
| CARROLL N. ROBERTS (5-29-47).....   |  | F.W.                          | 500                            | ...                           |
| <i>History</i>  |  |                               |                                |                               |
| RODERICK P. THALER (5-29-47).....   |  | F.W.                          | 500                            | ...                           |
| <i>Mathematics</i>  |  |                               |                                |                               |
| WARREN G. CUTLER (5-29-47).....   |  | F.W.                          | 500                            | ...                           |
| <i>Mechanical Engineering</i>   |  |                               |                                |                               |
| GEORGE E. HLAVKA (5-29-47).....   |  | F.W.                          | 500                            | ...                           |
| <i>Metallurgical Engineering</i>  |  |                               |                                |                               |
| DONALD W. ROE (5-29-47).....  |  | F.W.                          | 500                            | ...                           |
| <i>Philosophy</i>   |  |                               |                                |                               |
| MRS. HELEN F. C. KELLY (5-29-47).....   |  | S.F.                          | 500                            | ...                           |
| JOHN V. SWENSON (5-29-47).....  |  | F.W.                          | 500                            | ...                           |
| <i>Physical Education</i>   |  |                               |                                |                               |
| WILLIAM KASTRINOS, JR. (5-29-47).....   |  | F.W.                          | 500                            | ...                           |
| <i>Physics</i>  |  |                               |                                |                               |
| HERBERT E. KUBITSCHKE (5-29-47).....  |  | W.                            | ...                            | 450                           |
| BRUCE K. NELSON (5-29-47).....  |  | F.W.                          | 500                            | ...                           |
| <i>Physiology</i>   |  |                               |                                |                               |
| OLGA O. NALBANDOV (5-24-47) (Postdoctoral<br>Fellow).....                     |  | F.W.                          | ...                            | 2 400                         |
| <i>Political Science</i>  |  |                               |                                |                               |
| BETTY J. HULL (5-29-47).....  |  | F.W.                          | 500                            | ...                           |
| <i>Psychology</i>   |  |                               |                                |                               |
| ANNAMMA NINAN (5-29-47).....  |  | W.S. <sup>1</sup>             | ...                            | 750                           |
| HELEN F. PALMER (5-29-47).....  |  | F.W.                          | 500                            | ...                           |
| <i>Sociology</i>  |  |                               |                                |                               |
| HERBERT MENZEL (5-29-47).....   |  | F.W.                          | 500                            | ...                           |
| <i>Zoology</i>  |  |                               |                                |                               |
| W. L. BULLOCK (5-27-47) (superseding).....                                    |  | S.F.                          | ...                            | 750                           |
| WILLIAM B. ROBERTSON, JR. (5-29-47).....                                      |  | F.W.                          | 500                            | ...                           |

<sup>1</sup> Eight months beginning February 1, 1948.



## DEGREES CONFERRED

## Summary

|  |              |
|--|--------------|
| Degrees in the Graduate School, conferred at Urbana:                         |              |
| Doctor of Philosophy.....  | 27           |
| Civil Engineer.....  | 2            |
| Master of Social Work.....   | 1            |
| Master of Arts.....  | 80           |
| Master of Science.....   | 268          |
| Master of Music.....   | 6            |
| <i>Total, Graduate School.....</i>   | <i>384</i>   |
| Degrees in Law, conferred at Urbana:   |              |
| Bachelor of Science.....   | 8            |
| Bachelor of Laws.....  | 15           |
| Doctor of Law.....   | 3            |
| <i>Total, Law.....</i>   | <i>26</i>    |
| Baccalaureate Degrees, conferred at Urbana:                                  |              |
| Bachelor of Science, Library School.....                                     | 42           |
| Bachelor of Science, College of Agriculture.....                             | 133          |
| Bachelor of Science, College of Engineering.....                             | 226          |
| Bachelor of Naval Science, College of Engineering.....                       | 14           |
| Bachelor of Arts, College of Liberal Arts and Sciences.....                  | 271          |
| Bachelor of Science, College of Liberal Arts and Sciences.....               | 163          |
| Bachelor of Science, College of Education.....                               | 84           |
| Bachelor of Science, College of Commerce and Business<br>Administration..... | 152          |
| Bachelor of Science, School of Journalism.....                               | 60           |
| Bachelor of Science, College of Fine and Applied Arts.....                   | 50           |
| Bachelor of Fine Arts, College of Fine and Applied Arts.....                 | 31           |
| Bachelor of Music, College of Fine and Applied Arts.....                     | 17           |
| Bachelor of Science, School of Physical Education.....                       | 34           |
| Bachelor of Science, Division of Special Services for War Veterans.....      | 187          |
| <i>Total, Baccalaureate Degrees.....</i>                                     | <i>1,464</i> |
| <i>Total, Degrees Conferred at Urbana.....</i>                               | <i>1,874</i> |
| Degrees in Pharmacy, conferred in Chicago:                                   |              |
| Bachelor of Science in Pharmacy.....   | 43           |
| Degrees in Dentistry, conferred in Chicago:                                  |              |
| Bachelor of Science in Dentistry.....  | 25           |
| Doctor of Dental Surgery.....  | 56           |
| <i>Total, Dentistry.....</i>   | <i>81</i>    |
| Degrees in Medicine, conferred in Chicago:                                   |              |
| Bachelor of Science in Medical Technology.....                               | 1            |
| Bachelor of Science in Occupational Therapy.....                             | 14           |
| Bachelor of Science in Medicine.....   | 106          |
| Doctor of Medicine.....  | 162          |
| <i>Total, Medicine.....</i>  | <i>283</i>   |
| Degrees in the Graduate School, conferred in Chicago:                        |              |
| Master of Science.....   | 19           |
| Doctor of Philosophy.....  | 4            |
| <i>Total, Graduate School.....</i>   | <i>23</i>    |
| <i>Total, Degrees Conferred in Chicago.....</i>                              | <i>430</i>   |
| <i>Total, Urbana and Chicago.....</i>  | <i>2,304</i> |

*Degrees Conferred June 8, 1947, at Urbana***GRADUATE SCHOOL****Degree of Doctor of Philosophy***In Animal Husbandry*

THOMAS JOHN JONES, B.S., University of Florida, 1931; D.V.M., M.S., University of Georgia, 1933, 1943

*In Bacteriology*

CHARLES DONALD COX, B.S., M.S., 1940, 1941

INEZ AMANDA NIENOW, B.S., Stout Institute, 1934; M.S., University of Minnesota, 1938

ESTHER IONE RHYMER, B.Ed., Illinois State Normal University, 1940; M.S., 1945

*In Botany*

WILLIAM GRAY GAMBILL, JR., A.B., A.M., University of Colorado, 1936, 1937

*In Ceramics*

GEORGE STRICKLER BACHMAN, B.S., M.S., Pennsylvania State College, 1936, 1938; B.S., University of Michigan, 1943

*In Chemistry*

BENJAMIN FRANKLIN AYCOCK, JR., B.S., University of North Carolina, 1942; M.S., 1945

ROBERT ROOD CHAMBERS, A.B., University of Nebraska, 1944

LEON KATZ, B.S., Trinity College, 1944

JOHN HERBERT LADD, B.S., M.S., 1940, 1942

SEYMOUR LIONEL MEISEL, B.S., Union College, 1944; M.S., 1946

ELMER ROY TRUMBULL, JR., A.B., Dartmouth College, 1945

*In Dairy Husbandry*

KENTON AUGUSTUS KENDALL, B.Ed., Illinois State Normal University, 1931; M.S., 1940

*In Economics*

FRED WITNEY, A.B., A.M., 1940, 1941

*In English*

VIRGINIA MAUD LOWELL, A.B., Wheaton College, 1941; A.M., 1942

CLYDE WINFIELD WILKINSON, B.S., A.M., University of Texas, 1932, 1934

*In History*

IRVING FREDERICK AHLQUIST, B.S., Wheaton College, 1940; A.M., 1941

THEODORE LEONARD CARLSON, A.B., Augustana College, 1929; A.M., 1933

*In Horticulture*

LEON FREDRIC HOUGH, B.S., Michigan State College, 1938; M.S., Cornell University, 1939

*In Mathematics*

ABRAHAM CHARNES, A.B., M.S., 1938, 1939

CHARLES WILLARD MATHEWS, JR., B.Ed., Southern Illinois Normal University, 1937; A.M., 1939

MELVIN DALE SPRINGER, B.S., M.S., 1940, 1941

*In Physics*

JOHN SETH LAUGHLIN, A.B., Willamette University, 1940; M.S., Haverford College, 1942

*In Plant Pathology*

JOSEPH PATTON FULTON, A.B., Wabash College, 1939; A.M., 1941

CURTIS LEONEL MASON, B.S., M.S., Agricultural and Mechanical College of Texas, 1940, 1942

*In Zoology*

GERTRUDE RAFFERTY MACHLIS, B.S., Mundelein College, 1937; M.S., 1943  
 HENRI CLERET SEIBERT, B.S., Haverford College, 1937; M.S., Johns Hopkins University, 1940

**Professional Degrees***Degree of Civil Engineer*

JOSEPH NEWELL BRADLEY, B.S., 1929; M.S., University of Colorado, 1937  
 ROBERT ARTHUR MERRILL, B.S., 1927

*Degree of Master of Social Work*

JAMES EDWARD McDONALD, B.S., 1931

**Degree of Master of Arts***In Chemistry*

ESTALETA ORA DALE, A.B., Southwest Missouri State Teachers College, 1946  
 RUTH CHARLOTTE PIERLE, A.B., University of Cincinnati, 1945  
 MARIAN JOYCE SMALLEGAN, A.B., 1945  
 ELIZABETH JOYCE UNDERHILL, A.B., University of Toronto, 1946

*In Classics*

THOMAS OZRO MACADOO, A.B., Roanoke College, 1943  
 CORALIE ERA SCHRADER, A.B., Knox College, 1946

*In Economics*

LEONARD JOSEPH KOMORNY, A.B., Allegheny College, 1946  
 HARRY SCHARSTEIN, JR., A.B., Transylvania College, 1943

*In Education*

CHRISTINA KATHERINE AIASSI, B.Ed., Southern Illinois Normal University, 1938  
 MARY ROUTH BEEM, B.Mus., DePauw University, 1927  
 WILLIAM EDMUND BENNINGTON, B.Ed., Illinois State Normal University, 1934  
 GERTRUDE NOETZEL CHRISTY, A.B., University of Wisconsin, 1920  
 ARTHUR HALLAM CRUM, B.S., 1945  
 NINA TIMBERLAKE HAMRICK, A.B., Carthage College, 1929  
 CHARLES ADOLPHUS HELWIG, JR., B.S., Southern Illinois Normal University, 1946  
 HAZEL MOSIER HUSTON, B.S., 1945  
 JEANNETTE COOK KIBLER, A.B., 1937  
 ALEXANDER EDWARD LAWSON, JR., A.B., 1938  
 LEWIS LUTHER LEGG, B.Ed., Western Illinois State Teachers College, 1941  
 MAVA EILEEN LOPER, A.B., Carthage College, 1946  
 WINONA COCKING PEITHMAN, A.B., MacMurray College, 1940  
 FERN REED, B.S., 1942  
 CHESTER REECE RENNER, A.B., Eureka College, 1937  
 SISTER MARY LEONIE O'BRIEN, B.Ed., Rosary College, 1942  
 BETHANY JANE SMITH, A.B., Greenville College, 1938  
 HAROLD EDWARD WALKER, B.Ed., Eastern Illinois State Teachers College, 1934  
 HAROLD ALFRED WARNER, B.Ed., Western Illinois State Teachers College, 1936  
 DELOURIS ELMO WILLIAMS, B.Ed., Southern Illinois Normal University, 1940  
 RALPH RAYMOND WILSON, B.Ed., Eastern Illinois State Teachers College, 1940

*In English*

ROBERT JOSEPH BARRON, B.S., Southeast Missouri State Teachers College, 1944  
 ELEANOR ANN BROWNS, A.B., Illinois Wesleyan University, 1946  
 RUTH DARLING BUCK, A.B., Wheaton College, 1946  
 CHARLES EDWARD CHUMLEY, A.B., Abilene Christian College, 1943  
 GORDON WILSON CLARKE, A.B., 1943  
 AUDREY LULU CRAFTS, A.B., Wheaton College, 1946

NORMA EVELYN CROW, A.B., Lawrence College, 1944  
JEANNE ADELE DONOVAN, A.B., 1943  
DORIS LUCILLE EIKLEBERRY, B.S., 1940  
MARY ALICE LAMBERT, A.B., 1946  
JOHN BIGELOW LORD, A.B., 1939  
ELIZABETH ANN RYAN, A.B., Monmouth College, 1946  
ARNOLD BERYL SKLARE, A.B., 1946  
MARILYN JANE THEIS, B.S., Illinois State Normal University, 1946  
GEORGE RICHARD VOORHEES, A.B., 1941  
ELEANOR MARIE WEIHERMAN, B.S., Northern Illinois State Teachers College, 1946

*In French*

DEAN BUCHANAN COEN, A.B., Asbury College, 1942  
DOROTHEA ELEANOR WOODS, A.B., Keuka College, 1946

*In German*

RICHARD JAY DONEY, A.B., 1940  
MAX DUFNER, A.B., University of Missouri, 1942

*In History*

JOHN PHILIP AGNEW, A.B., 1942  
LAVERN MARSHALL HAMAND, B.S., Illinois Wesleyan University, 1940  
MARY ANN PARKER, A.B., Lindenwood College, 1946  
GEORGE PASTI, JR., B.S., Northwestern University, 1946  
GEORGE ARTHUR ROGERS, A.B., Illinois College, 1940  
GEORGE CARL SCHOTTENHAMEL, A.B., North Central College, 1941  
ROBERT ALBERT SMITH, B.Ed., Southern Illinois Normal University, 1941  
CHARLES WILLIAM TOTI, A.B., Bard College, 1946

*In Mathematics*

THERESA DANIELSON, A.B., Hunter College, 1946  
JOHN ABRAHAM SCHUMAKER, B.S., 1946

*In Philosophy*

MARVIN LEON EASTERLING, A.B., Greenville College, 1946

*In Physics*

SIDNEY DAVID DRELL, A.B., Princeton University, 1946  
EVERETT GLADDING FULLER, A.B., Amherst College, 1942  
RICHARD EDWIN NORBERG, A.B., DePauw University, 1943  
WILBUR WILLIS SCHOOF, A.B., Kansas State Teachers College, 1943  
MARION TAGGART SHERK, A.B., Smith College, 1943

*In Political Science*

ELSTON EDWARD ROADY, B.Ed., Illinois State Normal University, 1942

*In Psychology*

ALBERT WILLIAM HEYER, JR., A.B., University of Colorado, 1942  
BERNICE LENORE RANZ, A.B., 1946  
HELEN CRAWFORD RUNDLE, A.B., 1939  
LAUREN GLASGOW WISPE, B.S., Northwestern University, 1941

*In Social Sciences*

ROBERT COE TIMBLIN, A.B., 1946

*In Sociology*

MAX KAPLAN, B.Ed., Milwaukee State Teachers College, 1933; M.Mus., University of Colorado, 1941

*In Spanish*

- MARGARET LUELLA ANDERSON, A.B., 1941  
MARY MARGARET HICKEY, A.B., 1943  
MADELYN LUCILLE RICE, A.B., Rosary College, 1946  
HARRIETT ANNETTE SELTZER, B.S., Illinois State Normal University, 1944  
HELEN BERYL SHER, A.B., 1945  
ALICE ELIZABETH VAN TUYL, A.B., Monmouth College, 1945

*In Speech*

- FRANCES JEANNE VAWTER, A.B., 1944

*In the Teaching of English*

- JOSEPH JOHN RONDY, Ph.B., St. Viator College, 1937

**Degree of Master of Science***In Accountancy*

- WILLIAM HARRISON OWENS, JR., B.S., James Millikin University, 1942

*In Agricultural Economics*

- LESTER IRVIN CULP, B.S., 1942  
GODFREY JOHN GYNN, B.S., 1941  
THOMAS APPLGATE HIERONYMUS, B.S., Illinois State Normal University, 1941  
HAROLD LEROY KOELLER, B.S., 1939  
HENDRIK JAN LOUWES, B.S., Landbouw Hoogeschool, 1945  
ALLAN GEORGE MUELLER, B.S., 1945  
EARL LANDSON PARK, B.S., 1941  
VINCENT IRVING WEST, B.S., 1946

*In Agronomy*

- MARION COLUMBUS GEORGE, JR., B.S., Agricultural and Technical College of North Carolina, 1946  
LAWRENCE HUGH HANNAH, B.S., 1946  
LYNN HENRY HUTCHENS, A.B., 1938  
MAX MERLE MORTLAND, B.S., 1946  
JOSEPH JULIAN PIERRE, B.S., University of Wisconsin, 1932  
DARRELL ARDEN RUSSEL, B.S., Kansas State College, 1943  
EDWIN OTTO SCHNEIDER, B.S., 1944  
BURLEIGH CARLYLE WEBB, B.S., Agricultural and Technical College of North Carolina, 1943

*In Animal Nutrition*

- OSMAN SHEHATA, B.S., Fouad I University, 1938

*In Architecture*

- WENDELL HUGO ISLEY, B.S., 1946  
RALPH COURSEY JONES, JR., B.S., Virginia Polytechnic Institute, 1939

*In Bacteriology*

- ROBERT ALLEN ALTENBERN, B.S., University of New Hampshire, 1943  
FRANCIS MILTON DELLAFERA, B.S., University of Vermont, 1941  
WILLIAM FRANCIS DELORENZO, B.S., 1943  
BERNARD FISHBEIN, B.S., North Carolina State College of Agriculture and Engineering, 1945  
EDWARD THOMAS MCBROOM, B.S., 1942  
HYMAN NADEL, A.B., New York University, 1946  
JOSEPH FRANK PAGANO, B.S., 1942  
CLIFTON J. WOODS, JR., B.S., University of Michigan, 1944

*In Business Organization and Operation*

RAY BUDDE, B.S., St. Louis University, 1943  
JAMES ELLIOTT CHEATHAM, A.B., Virginia Military Institute, 1942  
MALCOLM CLINTON JOHNSON, JR., A.B., Dartmouth College, 1946  
LOIS IMOGENE THOMPSON, A.B., MacMurray College, 1946

*In Ceramic Engineering*

RAGHUNATH NARAYAN AGASHE, B.S., Ceramic Diploma, University of Benares, 1936, 1937  
FRANK KLANE, B.S., 1941  
ROBERT WALTER PELZ, B.S., 1946  
EARL RAY SMITH, B.S., 1943

*In Chemical Engineering*

GEORGE FRANCIS ASSELIN, B.S., 1943  
HORACE ANTHONY CATALDI, B.C.E., College of the City of New York, 1940  
DAVID KIRK EADS, B.S., 1944  
ARTHUR FREDERICK LIMPEE, B.S., 1944

*In Chemistry*

ERIC BARTHEL, JR., B.S., Bradley Polytechnic Institute, 1943  
ROBERT EDWARD BERRY, B.S., Brown University, 1944  
BERNARD RICHARD BLUESTEIN, B.S., University of Pennsylvania, 1946  
THEODORE EDWIN BOCKSTAHLER, A.B., Indiana University, 1942  
RUTH CAROLINE BOWMAN, A.B., Mt. Holyoke College, 1946  
WILLIAM GIERING BRITTON, B.S., James Millikin University, 1943  
DAVID WILCOX CARLEY, A.B., Knox College, 1943  
JAMES NEWTON COKER, B.S., Birmingham-Southern College, 1943  
HERBERT SAMUEL ELINS, B.S., Franklin and Marshall College, 1943  
JACOB FUCHS, A.B., New York University, 1944  
JESSE CHIA-HSI HWA, B.S., St. Johns University, 1945  
DANIEL LAWRENCE LEUSSING, JR., A.B., University of Cincinnati, 1945  
DAVID JACOB MANN, B.S., Long Island University, 1941  
AGNES MAE McDONALD, A.B., Salem College, 1929  
RICHARD WILLIAM MEIKLE, B.S., Illinois Wesleyan University, 1943  
NILS KEITH NELSON, B.S., Missouri School of Mines and Metallurgy, 1946  
ERWIN WARD NOMMENSEN, B.S., 1943  
ROBERT SCHUYLER OLSEN, A.B., Colgate University, 1942  
ANNA ROGOVIN, A.B., Hunter College, 1937  
MORTON ROTHSTEIN, A.B., University of British Columbia, 1946  
ELIZABETH HENG-HUI SHEN, B.S., St. Johns University, 1945  
JAMES VIRGIL SMITH, JR., A.B., Central College, 1942  
CRAYTON BEVILLE THOMPSON, B.S., University of Texas, 1942  
FRANK XAVIER WERBER, B.S., Queens College, 1944  
WILLIAM COOPER WILDMAN, A.B., DePauw University, 1943  
OREN FRANCIS WILLIAMS, B.Eng., University of Toledo, 1943  
MARY CONSTANCE WOODS, A.B., Rosary College, 1945

*In Civil Engineering*

SHERWIN PRESTON ASROW, B.S., Illinois Institute of Technology, 1944  
JOHN PIERCE BEESON, JR., B.S., United States Military Academy, 1942  
RALPH ANDERSON BENNITT, JR., B.S., 1943  
JOHN TOLLIE BIGGERS, B.S., 1946  
WILLIAM ARTHUR BRADLEY, B.S., Michigan State College, 1943  
JOHN FRANCIS BUYERS, B.S., United States Military Academy, 1943  
DAVID SMITH CHAMBERLAIN, B.S., United States Military Academy, 1943  
MENG-TE CHANG, B.S., National Chiaotung University, 1938  
CHEN-TEH CHU, B.S., National Tungchi University, 1937  
CHARLES BERNARD CLARKE, B.S., Rhode Island State College, 1940  
JOHN HEYWOOD CONANT, B.S., 1942  
AHMAD ERFAN, B.S., Fouad I University, 1946  
WALTER EUGENE ESTES, B.S., 1944

WILLIAM E. FEEMAN, B.Met.E., Ohio State University, 1940  
 JESSE LEROY FISHBACK, B.S., United States Military Academy, 1943  
 DONALD ROBERT GOODKIND, B.C.E., Cornell University, 1942  
 EVERETT ALBERT HANSEN, B.S., Oregon State College, 1940  
 LESLIE BUCKINGHAM HARDING, B.S., United States Military Academy, 1943  
 JOHN EDWARD HEER, JR., B.C.E., University of Louisville, 1943  
 JOHN GRIFFITH HENDRICKSON, JR., B.S., Princeton University, 1939  
 JOHN WELSH HOWELL, B.S., United States Military Academy, 1944  
 MOHAMMAD RAFIQUH HUQ, B.Eng., University of Calcutta, 1941  
 NORMAN BLAIR JONES, B.S., 1945  
 ALEXANDER DEMETRE KALIVOPoulos, B.S., Robert College, 1942  
 ERNEST HIGLEY KIDDER, B.Agr.Eng., University of Minnesota, 1935  
 KE-CHAN KUO, B.S., National Chiaotung University, 1940  
 JACK LONGWORTH, B.S., University of Alberta, 1945  
 HOWARD JAMES LOWE, B.S., 1934  
 ARNIE EARL MANNES, B.S., North Dakota Agricultural College, 1938  
 WILLIAM SIEPKER MOLLENHAUER, B.S., 1945  
 LEROY THEODORE OEHLER, B.S., Michigan State College, 1943  
 PAUL WYMAN RAMEE, B.S., United States Military Academy, 1941  
 RALPH EUGENE ROBISON, B.S., 1945  
 HAL LEROY SCHROEDER, B.S., University of Nebraska, 1942  
 GORDON LOWELL CHAMBERS SCOTT, B.S., Oregon State College, 1940  
 TRUMAN HOLT SETLIFFE, B.S., Louisiana State University, 1941  
 KULBIR SINGH, C.E., Thomason College of Civil Engineering, 1941  
 HARRY TATSUO TESHIMA, B.S., University of Nebraska, 1944  
 ABDULGANI TURKBERK, B.S., 1946  
 ROBERT GRAHAM WAITT, B.S., United States Military Academy, 1941  
 WAYNE LOREN WEAVER, B.S., University of Colorado, 1946  
 WILHO EDWARD WILLIAMS, B.S., State College of Washington, 1943  
 SHELBY KENNETH WILLIS, B.S., 1945  
 ALEXANDER JANSSEN WOOLDRIDGE, B.S., 1945

*In Clinical Psychology*

SALLY JONES, A.B., University of California, 1945

*In Dairy Husbandry*

HERBERT LOUIS ALBERTS, B.S., 1942  
 JULIUS FRANCIS, B.S., 1940  
 DELANE IRVING MURDOCK, B.S., 1938  
 RALPH ARTHUR NADEN, B.S., 1942  
 JOHN WARREN STULL, B.S., 1942

*In Economics*

DAVID JAMES DAVIES, B.S., St. Vincent College, 1943  
 DONALD EARL RADCLIFFE, B.S., 1946

*In Education*

FLORENCE MARGARET AYE, B.Ed., Eastern Illinois State Teachers College, 1942  
 JAMES MARVIN BAILEY, B.S., Lincoln University, 1939  
 WALTER JOHN BARTZ, B.S., Illinois State Normal University, 1933  
 WILLIAM FREDERICK BEST, B.S., 1942  
 KENNETH WEATHERS COLLINGS, B.Ed., Illinois State Normal University, 1940  
 MAUDE HARRIETTE DETMER, B.S., Bradley Polytechnic Institute, 1938  
 CLAYTON ALANSON FAWKES, B.S., McKendree College, 1935  
 ROY WILLIAM GUTTSCHOW, B.S., 1935  
 PAUL EDWIN HEMP, B.S., 1943  
 HOWARD JAY HICKES, B.Ed., Northern Illinois State Teachers College, 1943  
 JOHN ALBERT JENSEN, B.Ed., Northern Illinois State Teachers College, 1933  
 LIZZIE DAVIS JOHNSON, B.S., 1931  
 SUSANNE SCHOLL JOHNSON, B.S., 1933  
 HAROLD WAYNE KALLENBACH, B.Ed., Southern Illinois Normal University, 1943  
 JOSEPH DAVIES KELLEY, B.S., Illinois Wesleyan University, 1939

ALBERT SLEDGE KNAUF, B.S., Wheaton College, 1940  
 ANTON JAMES KRESL, B.S., 1931  
 HENRY OHLRICH KROGH, B.S., Lewis Institute of Technology, 1938  
 FRANK CHARLES LEACH, B.S., Illinois Wesleyan University, 1935  
 GRACE LEOLA PLUNKETT LESSEN, B.S., 1942  
 WILLIAM MCKINLEY LEWIS, B.S., 1943  
 RALPH ERVIN MARTY, B.S., Bradley Polytechnic Institute, 1937  
 WILBUR PERSHING McELROY, B.Ed., Eastern Illinois State Teachers College, 1941  
 DONALD EMERSON METZGER, B.S., 1946  
 RAYMOND LEE MILLER, B.S., Western Illinois State Teachers College, 1945  
 SAMUEL NICHOLAS, B.Ed., Illinois State Normal University, 1941  
 CHARLES WHITNER PINCKNEY, B.S., South Carolina State Agricultural and Mechanical College, 1944  
 JOE PRZYCHODZIN, B.Ed., Southern Illinois Normal University, 1940  
 JAMES RILEY, B.S., 1946  
 MARGARET DOUGHERTY ROSAUER, B.Ed., Chicago Teachers College, 1944  
 MARY ARMEDE ROZUM, B.S., Illinois State Normal University, 1945  
 ISAAC WOODROW SCHAFFER, B.S., 1946  
 JOSEPH OLIVER SHRYACK, B.Ed., Western Illinois State Teachers College, 1939  
 ISABETH SMITH, B.S., 1940  
 ORVAL SALEEM SPURLIN, B.Ed., Eastern Illinois State Teachers College, 1941  
 WILLIAM YANCY WASHINGTON, A.B., Morris Brown College, 1940  
 CHARLES EARL WEAVER, B.S., Eastern Illinois State Teachers College, 1946  
 MARGUERITE DEMPSEY WEGNER, A.B., 1939  
 THOMAS GLADE WILCOX, B.Ed., Western Illinois State Teachers College, 1937  
 JAMES PHILIP WILEY, B.S., Eastern Illinois State Teachers College, 1946

*In Electrical Engineering*

SHEIKH ABDUL AZIZ, B.S., M.S., Agra University, 1934, 1936  
 HERBERT REEDER BAILEY, B.S., Rose Polytechnic Institute, 1945  
 THEODORE JOHN BARTZ, B.S., United States Military Academy, 1944  
 LEWELLYN THREEWITTS BOATWRIGHT, JR., B.S., Clemson Agricultural College, 1938  
 EDWIN WATSON BROWN, B.S., United States Military Academy, 1941  
 JACOB STEPHEN BROWN, B.S., Drexel Institute of Technology, 1942  
 ROBERT BROWN CALLAN, B.S., United States Military Academy, 1944  
 WILLIAM RAY CHYNOWETH, B.S., University of Missouri, 1940  
 EVERT JUNE CULLING, B.S., University of Missouri, 1946  
 ROBERT STRATMAN ELLIOTT, B.S., A.B., Columbia University, 1942, 1943  
 ROBERT EDWARD FONTANA, B.E.E., New York University, 1939  
 DAVID EMANUEL GALAS, B.S., United States Military Academy, 1943  
 SOLOMON GOODELMAN, B.E.E., College of the City of New York, 1944  
 WILLIAM ROBERT HARPSTER, B.S., Purdue University, 1940  
 JOHN WILLIAM HARRELL, B.S., United States Military Academy, 1942  
 CHARLES ASBURY HOLT, III, B.S., United States Military Academy, 1943  
 ULLIN LEE HUDSON, B.S., United States Military Academy, 1943  
 ROBERT SETON MALONEY, JR., B.S., United States Military Academy, 1943  
 ROBERT AUDLEY MANHART, B.S., Rose Polytechnic Institute, 1945  
 GEORGE HUNTLEY NIBBE, B.S., 1942  
 FREDERICK KENNETH NICHOLS, B.S., Agricultural and Mechanical College of Texas, 1941  
 ALBERT RAYMOND SHIELY, JR., B.S., United States Military Academy, 1943  
 BERNARD SILVERMAN, B.S., Virginia Polytechnic Institute, 1942  
 VINCENT JAMES SPERRAZZO, B.S., Illinois Institute of Technology, 1945  
 ROBERT JOHN STEGEN, B.S., 1942  
 BURTON JAMES WILSON, JR., B.S., 1943  
 JAMES VAN GORDER WILSON, B.S., United States Military Academy, 1935

*In Entomology*

WAYNE PRICE CARLISLE, B.S., Southern Illinois Normal University, 1945

*In Geography*

ELIZABETH ANN DAY, B.S., 1942  
 JOHN RUSSELL MITCHELL, B.Ed., Southern Illinois Normal University, 1942



*In Geology*

ARNOLD LESTER EDDINGS, A.B., 1942  
EDMOND GEORGE OTTON, B.S., 1939  
WILLIAM ARTHUR WHITE, B.S., 1940

*In Home Economics*

ZOE ESTELLE ANDERSON, B.S., Lewis Institute, 1939  
ELIZABETH ALLEN ARNOLD, B.S., 1945  
MARIA FE GONZALEZ ATIENZA, B.S., National Teachers College, 1937  
MARJORIE JEAN CROSSLAND, B.S., 1942  
BARBARA ELIZABETH MURRAY, A.B., Ohio Wesleyan University, 1944  
VIRGINIA PATTERSON, B.S., Iowa State College, 1942

*In Horticulture*

CARL EDWARD CHAPLIN, B.S., 1938

*In Journalism*

HARRY JACK GRUSIN, B.S., 1941  
THEODORE HAZEN KIMBLE, A.B., Knox College, 1946; B.S., 1946

*In Library Science*

BARBARA BITTING, A.B., Drake University, 1939; B.S.(L.S.), Columbia University, 1941  
JOHN MILFRED GOUDEAU, A.B., B.S.(L.S.), Louisiana State University, 1936, 1937  
FLOWEREE HECKERT, A.B., University of Kansas City, 1938; B.S.(L.S.), 1940  
LOUIS AUGUSTINE KENNEY, A.B., Nebraska State Teachers College, 1939; B.S.(L.S.), 1940  
CHARLES RICHARD KNAPP, Ph.B., University of Toledo, 1936; B.S.(L.S.), 1940  
KENNETH COLSON KNIGHT, B.S., Knox College, 1930; B.S.(L.S.), 1946  
JACK AUSTIN RAMSEY, A.B., University of Kansas, 1945; B.S.(L.S.), 1946  
CHARLES AUGUSTUS WEBBERT, A.B., University of Washington, 1937; B.S.(L.S.), George Peabody College, 1940

*In Mathematics*

MARTIN NIXON CHASE, B.S., 1944  
RALPH BOYETT CROUCH, B.S., Murray State Teachers College, 1942

*In Mechanical Engineering*

TEH SEN CHANG, B.S., National Central University, 1939  
WEN HSIEH CHEN, B.S., National Central University, 1939  
JERRY STANLEY DOBROVOLNY, B.S., 1943  
VERNON MACDONALD FIELD, B.S., 1944  
JOHN MITCHELL GERTY, B.S., California Institute of Technology, 1945  
JOHN RICHARD HARDER, B.S., 1944  
DAVID SIMON LEVINSON, B.S., 1944  
NARSINH GORDHANDAS MORARJI, B.S., Massachusetts Institute of Technology, 1946  
JOHN PEEPLES ROEDEL, B.S., 1942  
LUIS JORGE SANGUINETTI, Ind.Engr., University of Buenos Aires, 1945  
SAMUEL CHARLES STEIN, B.M.E., New York University, 1946  
EDWARD ROBERT ZIEVE, B.S., Worcester Polytechnic Institute, 1944

*In Metallurgical Engineering*

ROLAND POLK CARREKER, JR., B.S., 1945  
FRANKLIN MAYNARD LISTER, B.S., 1944  
GLEN WILLIAM WENSCH, B.S., 1946

*In Music Education*

HELEN DILLON ALLISON, B.S., 1943  
PING-I CHANG, A.B., Ginling College, 1932; B.Mus.Ed., Oberlin College, 1946  
WILBUR JAY HOEL, B.Mus.Ed., 1942  
VERNON ALBERT KUETEMEYER, A.B., East Carolina Teachers College, 1942

BARBARA ELLIOTT LIVERGOOD, B.S., Miami University, 1944  
WAYNE EUGENE OTEY, B.S., 1940  
MARGARET HUCKSTEP RUSSELL, B.Mus., Northwestern University, 1943  
JAMES EDGAR WHITESIDE, B.S., 1943

*In Physical Education*

THOMAS FRANCIS BUCKLEY, B.S., 1942  
HENRY JOSEPH MONTOYE, B.S., Indiana University, 1943  
LEONARD WEINER, B.S., 1945

*In Physics*

PETER AXEL, A.B., Brooklyn College, 1943  
HAROLD ROBERT BOROSON, B.S., Union College, 1944  
WILLIAM PAUL EVANS, B.S., 1946  
SHERMAN FRANKEL, A.B., Brooklyn College, 1943  
LAWRENCE HERMAN LANZL, B.S., Northwestern University, 1943  
JEHUDA OVADIA, A.B., Brooklyn College, 1944  
GERARD STANLEY PAWLICKI, B.S., DePaul University, 1942  
GEORGE WAYNE RODEBACK, B.S., University of Idaho, 1942  
EMANUEL STOLMAN, B.S., 1943  
YUNG-TSIOW WEI, B.S., University of Nanking, 1937  
EDWIN ANSIL WHALIN, JR., B.S., 1945

*In Physiology*

GERTRUDE MADELINE HIRSCH, B.S., 1945  
CONSTANCE SADAKO INADA, B.S., University of Hawaii, 1945

*In Psychology*

BARBARA BENTON WILEY, A.B., 1943

*In Sanitary Engineering*

EDWARD ROBERT BAUMANN, B.S., University of Michigan, 1944; B.S., 1945  
MOHAMMAD ABDUR REHMAN, B.S., Punjab College of Engineering and Technology,  
1945  
HASSAN FARID ZAGHLOUL, B.S., Fouad I University, 1940

*In the Teaching of Biological Sciences and General Science*

JOHN HENRY HUNTER, JR., B.S., 1934  
EMILY MARIE SLAPAK, B.S., 1943

*In the Teaching of Mathematics*

JOSEPH JEAN STIPANOWICH, B.S., Western Illinois State Teachers College, 1946

*In Theoretical and Applied Mechanics*

PAO-HSIEN LIU, B.S., National Pei-Yang University, 1931  
JOHN HENRY MCCLOW, JR., B.S., Illinois Institute of Technology, 1945

*In Vocational Agriculture*

CHARLES LEONARD SCHETTLER, B.Ed., Southern Illinois Normal University, 1940

*In Zoology*

SUSAN LOUISE CARTWRIGHT, A.B., Smith College, 1945  
LEATRICE WAI LING CHUNG, A.B., University of Hawaii, 1945  
EDWARD WILLIAM DANIELS, A.B., Cornell College, 1941  
MELVIN THEODORE HUISSH, B.S., 1946  
MICHAEL ORDANIK, A.B., 1946  
HAROLD RAUCH, B.S., Queens College, 1944  
JOAN STAATS, B.S., 1943  
ARTHUR GILBERT WRIGHT, A.B., Carthage College, 1932

**Degree of Master of Music**

JESSIE POTTER BECK, B.Mus., 1926  
NORMA FARICY CONDEE, A.B., Vassar College, 1942  
RUTH MARIA HUTTER, B.Mus., 1946  
ROBERT EMERSON OLIVER, B.Mus., Illinois Wesleyan University, 1938  
JAMES WILLIAM SCHRODT, B.Mus., 1938  
LYMAN ALLAN STARR, B.Mus., 1942

**COLLEGE OF LAW****Degree of Bachelor of Science***In Law*

STANLEY RICHARD BILLICK, with Honors  
LOU ANN GRANT DOROTHY  
JOHN EDWIN JACOBSEN  
DOROTHY JEANNE KELLEY  
MADALYN OLIVE MAXWELL  
GERALDINE TABIN STEINBERG  
JOSEPH MORRIS WILLIAMSON  
ELLIOTT BURRILL YOUNG

**Degree of Bachelor of Laws**

ROBERT DALE ACTON, A.B., 1945  
RICHARD BLOSE ALLEN, B.S., 1941  
FRANCIS MARION BRITTINGHAM, A.B., 1942  
EARL CHESTER CAMERON, A.B., 1941  
GEORGE FREDERICK DICK, III  
RICHARD THOMAS DUNN, A.B., 1940  
CARROLL WINEGAR FULLER, B.S., 1941  
COLIN CARL HANDLON, A.B., 1940  
CHARLES WADE HENDRIX, A.B., 1941  
MARVIN MORRIS KNOBLICH, B.S., 1943  
HAROLD CHARLES MAUTNER, A.B., 1943  
CARL THEODORE MEYER, JR., A.B., 1942  
RUTH ELAYNE PACE, A.B., 1943  
JEANETTE LOUISE STAFFORD, B.S., 1944  
ROBERT WAYNE WILSON, B.S., 1946

**Degree of Doctor of Law**

HELEN GLENN BREKKE, A.B., 1945  
FRANCIS DALE CONNER, A.B., 1939  
EDWARD EARL LYNN, B.S., 1942, with Honors

**LIBRARY SCHOOL****Degree of Bachelor of Science***In Library Science*

JAMES CRANDALL ANDREWS, B.S., University of North Carolina, 1946  
JEAN ATCHISON, A.B., 1946; with Honors  
ELSIE BERGLAND, A.B., M.S., University of Wisconsin, 1930, 1935; with Honors  
HELEN FERN BRISCOE, A.B., 1946  
LORRAINE ANNE CIBOCH, B.S., 1944  
MARY MILDRED COLEMAN, A.B., Ohio Wesleyan University, 1943  
CATHERINE LORENA CONDIT, A.B., University of Wyoming, 1946  
PHYLLIS RUTH COOK, A.B., 1930  
FLORENCE MAY CURRIE, A.B., North Dakota State Teachers College, 1946; with Honors  
NELL ELIZABETH CURRIER, A.B., Randolph-Macon Woman's College, 1936; with Honors

RITA LEE DOWNING, A.B., Indiana University, 1946; with Honors  
 JANET PATRICIA DOYLE, A.B., Central Michigan College of Education, 1944  
 ELINOR SOUTHGATE EARLE, A.B., University of Kentucky, 1942; A.M., Ohio State University, 1946; with High Honors  
 WILLIAM JOSEPH EARLEY, B.S., Boston University, 1942; with High Honors  
 FLORENCE JANE FOSTER, B.S., Southwest Missouri State College, 1946  
 MARGUERITE EMERSON FRITZ, A.B., University of Texas, 1942  
 MARGARET ELIZABETH GATES, B.S., Kansas State College of Agriculture and Applied Science, 1945  
 MARGARET COLLINS HAYGOOD, A.B., 1946  
 EDWARD BEARDSLEY HAYWARD, A.B., A.M., Middlebury College, 1938, 1939  
 ALICE ANNABELLE KOONCE, B.S., Mississippi State College for Women, 1944  
 EMMA LUE KOPP, A.B., Western College, 1946  
 HELEN FAUSTINE KUHN, B.S., James Millikin University, 1944  
 CHARLOTTE STULTS MCCLURE, A.B., Ball State Teachers College, 1942; with High Honors  
 JOHN GAREL WILLIAM MCCORD, A.B., 1941  
 VIRGINIA MAY McDOWELL, A.B., Murray State Teachers College, 1938  
 JANE TUCKER McKENNA, A.B., Waynesburg College, 1943  
 RICHARD ALLEN MOUNTAIN, A.B., Bradley Polytechnic Institute, 1941  
 PHOEBE ELIZABETH NORTON, B.S., University of Minnesota, 1937  
 SARAH JANE OLINGER, A.B., University of Cincinnati, 1946; with Honors  
 MARTHA H. PATTERSON, A.B., University of Arkansas, 1946  
 ISABEL LANDRETH PERKINS, A.B., A.M., Florida State College for Women, 1932, 1935  
 VIRGINIA FAY PUMPHREY, A.B., Mary Washington College of the University of Virginia, 1944; with High Honors  
 MARY ETTA RIDER, A.B., Miami University, 1944  
 RUBY IRENE ROEDER, B.Ed., Oshkosh State Teachers College, 1936  
 MARY ETHEL SCHWARTZ, A.B., Illinois Wesleyan University, 1938; with Honors  
 LEONARD JAMES SHERWIN, B.S., Milwaukee State Teachers College, 1938; with Honors  
 UNA ELLEN SKIRVIN, A.B., University of Cincinnati, 1946  
 JOHN THOMAS THACKERY, JR., A.B., Ball State Teachers College, 1942  
 JANICE LOVAINE THUMM, A.B., Morris Harvey College, 1945  
 PEGGY WARDIN, A.B., Washburn Municipal University of Topeka, 1945; with Honors  
 MARION JEAN WIEDERECHT, B.S., University of Cincinnati, 1946  
 SHIRLEY JEAN WILLS, A.B., University of Kansas, 1946; with High Honors

#### COLLEGE OF AGRICULTURE

##### Degree of Bachelor of Science

##### *In Agriculture*

|  |  |
|--|--|
| JOHN DAVID ALEXANDER                         | HARRY OLIVER DOTY, JR.                 |
| CARL JOHN ANDERSON, with Honors              | ROSCOE RALPH EATON                     |
| IRVIN JAMES BATEMAN                          | KERMIT EUGENE ESAREY                   |
| WILLIAM RUSSELL BONE                         | LORENZO ESPINOSA                       |
| RUSSELL ACKERLY BROOKS                       | ROBERT ELNOR FRY                       |
| GERTRUDE BRYANT                              | SILAS JEROME GATES                     |
| PHILIP EDWARD BURGESS                        | RICHARD CARL GEIGER                    |
| WILLIAM KENNETH CALHOUN, with Highest Honors | FRANKLIN PRIMM GRAHAM                  |
| GEORGE RICHARD CARLISLE, with Highest Honors | ROBERT ERNEST GUNDLOCK                 |
| GEORGE DONOVAN COIL, with Honors             | MAURICE FRANCIS HAHN                   |
| WILLIAM NICOLAS COLWELL                      | WENDELL RIGG HALL, with Highest Honors |
| ROBERT DALE CORZINE                          | GAIL ELLSWORTH HARMS                   |
| JOHN BOOTH DAVIS, with Honors                | DONALD BURLEY HENEGAR, with Honors     |
| WILMAN ELDEN DAVIS, with High Honors         | HOWARD CARROLL HEXTELL                 |
|  | WILLIAM FRANK HUML                     |

PRISCILLA ANNE JACOBS  
 GEORGE WILLIAM JANES, with Honors  
 JEROME KASSIDAY  
 DALE MARTIN KAUFMANN, with Honors  
 RICHARD GEORGE KERR, with Honors  
 RAYMOND KLAXON KLIER  
 MARVIN RAYMOND KORTY  
 RAYMOND ROBERTS KREIG  
 DAVID CHERRY KYLE, with Highest Honors  
 ELDON EVERETT LARSON, with High Honors  
 JOHN ROOD LEWIS  
 JAMES HELLYER LITCHFIELD, with Honors  
 JEROME CLEMENT LYONS, with Honors  
 GEORGE CONRAD MEYER  
 GERALD FRANKLIN MILLER, with Honors  
 ROBERT HENRY MITCHELL, with High Honors  
 STANLEY DEAN MUSGRAVE, with Honors  
 ARTHUR HENDERSON NESBIT, with Highest Honors  
 GUY OLAND PETTY  
 JOHN DANIEL PHILLIPS  
 DAVID ROSENFELD  
 MORRIS RUBIN  
 HOWARD LEROY SCHILT

MARION DALE SCHLIEPER  
 JOHN CLINTON SCHUETT, with Honors  
 WILLIAM LEE SEANEY  
 ERIC BERTHOLD SHEARER  
 BERTREN ERNEST SINCLAIR  
 FRED WARREN SLIFE, with Honors  
 DONALD GLEN SMITH, with High Honors  
 IRWIN ARTHUR SMITH, with Highest Honors  
 JOHN MARSHALL SNYDER  
 JAMES THOMAS SOMERS  
 WILLIAM FRANKLIN SPENCER, with Highest Honors  
 THOMAS GEORGE STEVENIN, with High Honors  
 ALFRED FRANK CHARLES STIEG  
 ROBERT LOVELESS SUMMERS, with Honors  
 THEODORE EUGENE SWIGART, JR.  
 GUY EDWARD TANNER  
 LOUIS LEE THOMAS, JR.  
 JOHN ANDREW THOMPSON, with Honors  
 LOWELL D. TISON, with Honors  
 DARYL AUSTIN VINSON, with Highest Honors  
 WAYNE WILLIAM WATSON  
 EDWARD MONROE WEBB  
 JAMES BRUCE WHORTON  
 RICHARD LEE ZIEGLER

*In Dairy Technology*

ELMER SIDNEY HIGHLAND  
 HERMAN WENTWORTH JONES, JR.

WILLIAM DALE VANDERHOOF

*In Floriculture*

BETTY JANE SANDERS

EMRO LEONARD ZIMKOSKE

*In Home Economics*

JEAN LOUISE ARCHER  
 MARY ALICIA ARGENBRIGHT, with Honors  
 GENEVA JUNE BAUM, with Honors  
 LOIS JANE BLAND, with Honors  
 HELEN ELIZABETH BOWDITCH  
 SHIRLEY MAE BRAUN  
 CHARLOTTE NEVILLE CROWE, with Honors  
 RUTH ELIZABETH DAY  
 RUTH GRACE EDSON  
 SYLVIA EISENBERG  
 VIOLET FRANZEN ELLIOTT  
 MAXINE MILDRED EVANS  
 MARIAN EILEEN FILLINGHAM  
 MARY JANE FIRSZT, with Honors  
 IMOGENE LEE FULTON  
 MARGARET WELDON HACKERSON  
 LYDIA LOU HOLMES  
 MARY ELIZABETH JACOBSON  
 RUTH ANN JAKUES  
 RUTH GERTRUDE JOHNSON  
 MARY FRANCES JONES  
 MRS. NORMA JEANNE KROGDAHL

ELIZABETH ANN LOEWEN  
 FLORENCE NADYNE MATHIS  
 LOIS RUTH MONROE  
 ESTHER CLARK MORFORD  
 HELEN LOUISE MOYERS  
 FREDRICA KARBER NEVILLE, with Honors  
 RUBY ELEANOR OLSON  
 ROBERTA PRITCHARD  
 DOROTHY LOUISE RICE  
 PAULINE WELCH RUDY  
 JEAN LOUISE SCHUDER, with Honors  
 ESTHER ELLA SIEMAN, with Honors  
 DOROTHY MEDENDORP SNOW  
 ARTHIEL LELA SPAULDING  
 ELIZABETH ANN STREID, with Honors  
 RUTH ELIZABETH STREID  
 VIRGINIA MAE SWAIN  
 JUNE DELORES TANCK  
 ETHLYN WAHNETA TAYLOR, with High Honors  
 ROBERTA MARIE WEBB  
 CONSTANCE WHITESELL WILLS  
 EVELYN LOUISE ZOBEL

*In Vocational Agriculture*

|   |                                  |
|---|----------------------------------|
| JAMES TAYLOR CLINTON, with Highest Honors | WILLIAM EDWARD PICTOR            |
| DONALD RAY DAVIDSON                       | ELMER LOUIS SCHOENEBERG          |
| HARRY DEAN JENSEN                         | HOWARD RICHARD TOLLEY            |
| RUSSELL DARRELL MEREDITH, with Honors     | EUGENE SIEBERT WOOD, with Honors |

## COLLEGE OF ENGINEERING

## Degree of Bachelor of Science

*In Aeronautical Engineering*

|                                       |  |
|---------------------------------------|--|
| CHARLES J. BADEWITZ, with High Honors | STANLEY FISCHER HENRY NEWMAN, with High Honors |
| JOHN FRANCIS BIANCHETTA               | JAMES WILLIAM PACE                             |
| CHARLES CALVIN KELBER                 | CHARLES RICHARD REMKE                          |
| CLARK ALBERT MARSH                    | ALBERT DONALD SWANSON                          |
| VERNON EUGENE NETHERTON, with Honors  | BERNARD FRANCIS TWOMEY, Jr.                    |

*In Agricultural Engineering*

|                                     |                          |
|-------------------------------------|--------------------------|
| FRANK WINSTON ANDREW                | KENNETH THOMAS GLEICHMAN |
| JOHN ABNER CRESS                    | JOE B. JOHNSON           |
| JAMES OWEN CURTIS, with High Honors | WARREN ANDREW PETERSEN   |
|                                     | RICHARD EVERETT REEVES   |

*In Ceramic Engineering*

|                          |                         |
|--------------------------|-------------------------|
| CEDRIC DEMAY BRUNNER     | FRANK ROBERT SUTHERLAND |
| JOSEPH CHESTER DORA, JR. | JACK LEE WILKINSON      |
| GORDON EMANUEL GUSTAVSON | FRANCIS MARION WRIGHT   |
| JACK DOUGLAS PETERSON    |                         |

*In Civil Engineering*

|                                    |  |
|------------------------------------|--|
| ROBERT JORDAN ALLEN                | ROBERT FREDERICK KRUG, with High Honors          |
| WILLIAM BURTON ALLENSWORTH         | LYLE EDGAR LANNING                               |
| MATTHEW JOHN ATKINSON              | JOHN RIES LEEK, with High Honors                 |
| WILLIAM STANLEY AUTREY             | EDWARD LEVENTHAL                                 |
| ELMER EDWARD BARE                  | JACK MCEWEN LOGAN                                |
| EDWIN ELLSWORTH BLY, with Honors   | JOHN WILLIAM LYDDON                              |
| OLIVER HOWARD BRIGGS, JR.          | ALVARO MARTINEZ                                  |
| FRANCIS XAVIER BUSHMAN             | HERBERT LEONARD NEWMARK                          |
| RAYMOND EDWARD CLANCY              | RAPHAEL ANTHONY PASTERNAK                        |
| BAZEL ERNEST CROWE                 | ROBERT KARL PATTISON                             |
| WILLIAM AUSTIN CURTIS, with Honors | JAMES MCKINLEY PERRY                             |
| ARNOLD NEIL DUNHAM                 | WILLIAM ABBOTT RANDOLPH                          |
| JORGE MANUEL ECHAURREN             | JOHN LLOYD RAYNOLDS                              |
| CHARLES RAYMOND FAGO               | FREDERICK HOLBERG REIMERS, Jr., with High Honors |
| VERNON FITCH                       | ARTHUR THOMAS RODGER, JR.                        |
| BERTRON REED FITTON                | MELVIN GRADEN ROSCHE, with Honors                |
| ISAAC GEORGE FORBES                | ELMER ROLLIN SCHMITZ                             |
| LAWRENCE HENRY FORST               | URIEL SEIDEN                                     |
| NORTHAM BILLUPS FRIESE             | DALE WIER SHELDON                                |
| ROBERT RUDOLPH GATES               | GASTON JOSÉ SILVA                                |
| BENJAMIN LEROY GOEPFERT            | JOHN EDWARD SJUNNESSON                           |
| NORMAN TEMPLE GOURLIE              | TOWNSEND BOUGHTON SMITH                          |
| PATRICIO GREZ                      | JAMES EDWARD STALLMEYER, with Honors             |
| PAUL EUGENE HAMER                  | THOMAS LAWRENCE THOMAS                           |
| ROBERT EDWIN HAMILTON              | BOBBIE PHILBRICK WALKER                          |
| IRBY JAMES HICKENLOOPER            | THOMAS HENRY WARNOCK                             |
| GEORGE ROBERT HORNKOHL             | JOHN LEROY WEBB                                  |
| DONALD LESTER HUCKABA              | JOHN PATRICK WOODS                               |
| ROBERT LEE KIMMONS                 |  |
| NILS KLUKSDAL                      |  |
| CHESTER CLARENCE KOHL              |  |

*In Electrical Engineering*

|                                 |  |
|---------------------------------|--|
| ROBERT LAW BERGER               | JACK ALLEN MEREDITH                      |
| GEORGE EVANS CARAPANOS          | HOWARD WALTER NASLUND                    |
| JAY ASHTON COX                  | JOHN WILLIAM PARSONS                     |
| JOHN RICHARD DAVIS              | FRANK LINDELL PETERSON, JR.              |
| RAYMOND HORACE DUHAMEL          | LOUIS KALLMAN POLLEN                     |
| ARTHUR GENE EVANS               | FREDERIC ALLEN RICHTER                   |
| PETE FENOGLIO, with High Honors | HARRY RICHARD ROBBINS                    |
| ROY CLIFTON GERMAIN             | RICHARD WALTER ROETTGER                  |
| ISIDORE GLICKER                 | EARL PHILLIP SAPER                       |
| STANLEY ARTHUR GORE             | ROBERT CLARENCE SCHLEHUBER               |
| KENNETH JOHN GUGE               | EMMETT HIDEO SHINTANI                    |
| RUSSELL ELMER HATTIS            | WILLIAM ERNEST SHOULDERS                 |
| JAMES MICHAEL HENDERSON         | EARL RAYMOND SKAGGS                      |
| CONSTANTINE HARRY HOUPIS        | FORREST DUHAMMEL SMITH                   |
| LORN LAMBIER HOWARD             | ROY CLINTON SMITH, JR.                   |
| JOHN KOCIK, JR.                 | WILLIAM FRANKLIN SPRINGGATE, with Honors |
| WALTER CHARLES KOTTEMANN        | HAROLD STROM                             |
| RUSSELL LANDRETH                | DANIEL JOSEPH VEITH                      |
| GEORGE EDWARD LEIBINGER         | ROY WALTER YUNKER                        |
| ARTHUR JACOB LEININGER          | RICHARD MORRELL ZEHR                     |
| KENNETH CARL LIND               |  |
| EDWARD LEE MCCARTNEY            |  |

*In Engineering Physics*

|                                    |   |
|------------------------------------|---|
| BUFORD LEE BRAUNINGER, with Honors | PAUL WOLFGANG SHADLE                          |
| ROBERT STEPHEN FOOTE               | ALFRED WILLIAM SOLBRIG, JR., with High Honors |
| RICHARD LEE KNODLE                 |   |

*In General Engineering*

|                             |                                     |
|-----------------------------|-------------------------------------|
| ROBERT HARLAN CALDWELL      | ROBERT FRANKLIN MILLER, with Honors |
| DUANE NORTON DICKINSON      | WILLIAM BURKE O'CONNELL             |
| RICHARD EARL DOLAN          | JOHN HENRY OTTO                     |
| EDWARD JOSEPH THOMAS FREGAN | JAMES MARSHALL PALM                 |
| ROBERT MOORE HALLAM         | JOHN RUSSELL PALM                   |
| MALCOLM WARD HILL           | JOHN ARTHUR ROBERTS                 |
| ERNEST CHARLES KOWAL        | HERBERT RUSSELL WICKENDEN           |
| PETER NICHOLAS KULICK       |                                     |
| JOSEPH WILLIAM LYNCH        |                                     |

*In Mechanical Engineering*

|                                  |                            |
|----------------------------------|----------------------------|
| REX McNAUGHT ADAMS               | HAROLD WARREN FAULL        |
| CHARLES CLETUS ARNOLD            | GLEN ELWYN FISHER          |
| FRANKLIN HARRY BAYHA             | DAVID OSCAR FOLTZ          |
| ROBERT WILSON BEARD              | ROBERT STAFFORD FORBES     |
| EARLE HOWARD BELL                | JEROME LEWIS FOX           |
| MICHAEL BENDAS                   | ROBERT MCCREY GILLIS       |
| ROMOLO BERT BERTINO, with Honors | JOSEPH MARSHALL HEGENBART  |
| JOHN LAWRENCE BLAZICH            | WARREN EARL HENRICKS       |
| WILLIAM CALVIN BLEDSOE           | HAROLD LLOYD HOFFMAN       |
| EARL EUGENE BOLING               | JOHN HENRY HOLIDAY         |
| JOHN HARRY BOLT                  | LAUREL EMILY HRUDA         |
| MARION CLARK BOWERS              | WAYNE POLLARD HUFFORD      |
| EDWARD BENJAMIN BOYD             | PERRY LEN HUIE             |
| ROBERT BELL BROWNE, JR.          | CHARLES EARNEST JOHNSON    |
| MERRILL FRANCIS BUTLER           | PROAL BERRY JUDSON         |
| ANDREW HART CALDWELL             | JAMES MARTIN KENNEDY       |
| ROBERT DANIEL COTÉ               | ROBERT DANIEL KERN         |
| WILLIAM CRUM, with High Honors   | FRED WESLEY LELAND KESSLER |
| JOHN HENRY CRYDER, JR.           | HENRY MARCELLUS KIDDER     |
| FLOYD RUSSEL DEFFENBAUGH, JR.    | ROBERT CHARLES KOHNCKE     |
| ARTHUR EUGENE DINI               | GLENN DEAN KUCERA          |
| JOSEPH FRANCIS DOBINSKY          | GORDON FRANKLIN KUNZ       |

ROBERT ERNEST LOWRY  
 JOHN BERTOG MACKEY  
 WARREN BERT MANKER  
 PHILIP GEORGE MASER, JR.  
 ELDON SPRAGUE MATHEWS  
 HOWARD TRYON MATSON  
 ROBERT HENRY MAXIMOFF  
 CHARLES KENNETH McCABE  
 ALEXANDER EDWIN MCCORNACK  
 ROBERT WALTER MELICHER, with  
     Honors  
 MERRILL DARE MOORE  
 ROBERT ADAIR MOULTHROP  
 WALTER EDWARD MYLES  
 HOWARD PETER ORLEBEKE  
 WALTER POLANIN

BRUCE WALLACE PORTER  
 DONALD EDWARD RIESEN  
 WAYNE ALLAN RING, with Honors  
 ERNEST EDWARD RITTENHOUSE  
 WILLIAM JAMES RUSHER  
 WILLIAM JOHN SOMOGYI  
 PHILLIP HOWARD SPAIN, JR.  
 EDGAR BECK STEIN  
 LLOYD CLINTON TAYLOR  
 FRED WILLIAM THALGOTT, with High  
     Honors  
 WAYNE CLIFFORD TROST  
 DONALD POTTER VAIL, JR., with Honors  
 ROY CALVIN WILSON  
 PAUL DWAYNE WINCHESTER

*In Metallurgical Engineering*

WARREN JONSSON  
 FRANCIS CLYDE SORRENTINO, JR.  
 EDWARD PAYNE SPENCER

LEON DAVID TIKULSKI  
 MORRIS WOLIN

*In Mining Engineering*

JOHN EDWARD EVANS

*In Sanitary Engineering*

ARTHUR MCPHERSON CALDWELL

**Degree of Bachelor of Naval Science**

EDWARD JAMES BADER  
 HOWARD BRONSON BAUGHMAN  
 RALPH WILLIAM BEHLER  
 BURTON HUGH BOUWKAMP  
 WENDELL BOWERS  
 ALLEN ELLERY COOPER  
 HENRY GOODWIN DeVoss

JOHN THOMAS EDWARDS  
 ROBERT VAIL GALBREATH  
 GEORGE ALBIN POLK  
 JOHN WERNER RASMUSSEN  
 ROBERT PETER SAAR  
 ROBERT MORRIS SANFORD  
 DAVIS EMMONS SPIRES

**COLLEGE OF LIBERAL ARTS AND SCIENCES**

**Degree of Bachelor of Arts**

*In Liberal Arts and Sciences*

NORMA ELAINE ABELS  
 MARION LOUISE AGNEW, with Honors  
     in Political Science  
 MARY FLORENCE ANDERSON  
 BARBARA JEANNETTE ANGUS  
 ALICE VIRGINIA APOYAN  
 NANCY JANE ARMSTRONG, with Highest  
     Honors in English  
 JOAN BALDRY  
 MARY LOU BARBER  
 PAUL LATHROP BARNARD  
 RUTH MARILYN BARNETT, with Honors  
     in Sociology  
 MIRIAM MARIE BARR  
 BEVERLY BEBB  
 NORA IRENE BEERS  
 MARY ROSE ANTOINETTE BELLAND  
 ANNA MAY BERGGREN  
 DOROTHY BERKEY, with High Honors  
     in Spanish  
 WILLIAM ELTON BERRY, JR., with High  
     Honors in Political Science

RUSSELL CHARLES BIRK  
 ROBERT FULTON BISHOP  
 MINNIE LOU BLACK  
 EDWARD ALVIN BOYLE  
 THOMAS ROY BRAHANA, with High  
     Honors in Mathematics  
 FRANCES KATHLEEN BRANIGAN  
 ERNA REEVA BRODSKY  
 ANN DELORES BRUCE  
 GENE ADAM BRUCKER, with Highest  
     Honors in History  
 MURIEL MARGURITTE BURKE  
 DOROTHY ELOISE BUZZARD  
 JOAN FRANCES CAMPBELL  
 BARBARA JOYCE CARLETON  
 CLARA ELIZABETH CASTELO  
 JOANNA CAVENEE, with High Honors  
     in Sociology  
 RENEE CLAIRE CERMAK  
 GERALDINE BEULAH COHEN, with High  
     Honors in Bacteriology  
 WILLIAM ELLIOT COLBURN



- LOUISE DULANEY CONVERSE  
 ARDIS JANE CORP  
 BETTY LEE CRIPE  
 SHIRLEY RAE CRITCHLOW  
 SHIRLEY MAXINE CRUSE, with High  
     Honors in Spanish  
 EDWARD PEDRO CRUZAT  
 CAROL SNELL CUNNINGHAM  
 GENEVIEVE MARY CZERWINSKI  
 ROSANA CAROLYN DALLENBACH  
 JAMES NORMAN DAVIS  
 ROBERT EDWARD DAVIS  
 ANN LOUISE DEWITT  
 NORMA DEL DIEDRICH  
 VIRGINIA SELMA DIEKMANN, with  
     Highest Honors in Chemistry  
 MARY JULIA DILLAVOU, with Honors in  
     History  
 ALBERT KEITH DOAK  
 JOHN GEORGE EARLY  
 JANICE RHODA EHLEB  
 EVELYN AMY EKARD  
 MARJORIE LOIS EPSTEIN  
 SHIRLEY ANN ERIKSON  
 JUNE WEISS ESTES  
 CHARLES HUDSON EVANS, JR.  
 ELIZABETH ROSE EVANS  
 RUTH LILA FELDMAN  
 LAWRENCE JOHN FEROLIE  
 GLORIA FILIPOFF  
 ELIZABETH JEAN FLEHARTY, with  
     Highest Honors in German  
 EVELYN LOIS FLODBERG  
 LENORE MARGUERITE FRANCOIS  
 GLORIA JANE FRANK, with Honors in  
     Sociology  
 BERNARD ALLEN FRIEDMAN  
 ADELINE JUNE GARFIELD  
 HARRY HOMER GASSON  
 THEODORE DEAN GEISSENDORFER  
 MARGARET VANHOOK GERSTACKER  
 JOE MARVIN GERSTEIN  
 IRMA ROLAND GILLESPIE  
 DIANA GINSBURG  
 LEAH BARBARA GINZEL  
 ANITA MARIE GOBY  
 ENID BETTY GOODMAN  
 THOMAS THEODORE GRAY  
 JAYNE ALICE GROVES, with Highest  
     Honors in French  
 DONALD HANSEN  
 SHIRLEY ANNE HOWARD HARDER  
 EUNICE CLAIRE HAZENFIELD, with  
     Honors in Psychology  
 ROBERT O'NEIL HEDGES  
 LOUISE HEIDLER  
 LESTER HELLER, with Honors in  
     English  
 INA NANCY HERBRIG  
 SHIRLEY EDITH HINDMAN  
 ROBERT VINCENT HOGG, JR.  
 VIRGINIA SUE HOLLOWAY  
 MARY ELIZABETH HOMRIGHOUS, with  
     High Honors in Sociology  
 HENRIETTA ROSA FRANCES HORN  
 ROBERT KEITH HORTON  
 SHIRLEY RUTH HORWITZ  
 ELEANOR JEAN HOWELL, with Honors  
     in Mathematics  
 AUDREY DEAN HUFFORD  
 ROBERT WILLIAM HUGHES, JR.  
 ROBERT WILLIAM HUMES  
 JOHN BRUCE HYDE, with High Honors  
     in Political Science  
 MARY JANE ANN HYLAND  
 BETTE JEANNE ILES  
 ELIZABETH JOYCE IRWIN, with High  
     Honors in History  
 MILDRED LOUISE JOHNSON  
 RUSSELL WILLIAM JOHNSON  
 GEORGE EDWARD JOHNSTON  
 JEAN ANN POORMAN JOHNSTON  
 ROBERT EATON JOHNSTON  
 MARY ANNE JORDAN  
 ALICE ELIZABETH JOSLYN  
 OLGA LUCILLE JURENAS  
 CHARLES WILLIAM KANE  
 CAROL ELSIE KARR  
 EDNA KAYNE  
 DOROTHY BLAINE KENNEDY  
 LORETTA ANTOINETTE KIENTZLE  
 ADELE JACQUELINE KIESELE  
 MARION LOIS KILSBERG  
 ELLEN CAROLYN KIMBRELL  
 JOHN FRANCIS KIRBY  
 LAURA KIRSCH  
 JOSEPH KMIEC  
 DOROTHY MARIE KNAPHURST  
 ELLEN MARIE KNAUF  
 ALYCE ELSIE KNUDSON  
 STANLEY D. KOCH, JR.  
 CAROL LOUISE KOLB, with Highest  
     Honors in English  
 JOSEPH JAMES KRAGE  
 BETSY ANN LADD  
 BERNICE ELLA LAPIRE, with Honors in  
     Sociology  
 DORIS MAY LARSEN  
 ROBERT JOSEPH LEMAN  
 ANNETTE LOUISE LEVIN  
 RIVIAN LEVIN  
 MARJORIE ALBERTA LIDMAN  
 NORMA ALICE LINKON  
 KATHRYN JEAN LIPE  
 ALICE ANN LOVEJOY  
 MARILEE JUNE LOVERIDGE  
 THOMAS ALVIN MADISON  
 JEANETTE BALZAC MAFAR  
 EVELYN MARIE MANDO  
 ROSALINE MARX  
 PHYLLIS ANN MAXWELL  
 DONNA MAE McLEAN  
 GENEVA LYDIA McLEAN, with Honors  
     in Sociology

- RICHARD CUMMINGS McLEAN  
 CARMETA ANN McLEOD  
 GLORIA LOUISE McRAE  
 SAMUEL MENDELOWITZ, with High  
     Honors in Zoology  
 ELOISE MAE MEYER  
 JEROL ELAINE MIESSLER  
 CELESTE RAE MILLER  
 CLIFFORD RAYMOND MILLER  
 NORMA JANE MILLER  
 VIRGINIA MILTON  
 PAUL MOHR  
 MILDRED WARREN MONTGOMERY  
 BARBARA SUSANNE MOODY, with High  
     Honors in Humanities in the  
     Division of General Studies  
 RUTH MARIE MORGAN  
 JOHN DAVID MORRISSEY, JR.  
 WILLIAM EDWARD MOSCHELL  
 ROBERT FRANCIS NAGEL  
 EILEEN SHIRLEY NEADELL  
 JANE ANN NELSON  
 NANCY NOBLE, with High Honors in  
     Philosophy  
 SHIRLEY ANNE NOBLE, with Highest  
     Honors in Social Science in the  
     Division of General Studies  
 PAULITA NORTH  
 RICHARD CHESTER O'HAIR  
 CLARA MARIE LOUISE OLSON  
 ELLENORE BLANCHE PAGAC  
 CATHERINE CELIA PALECEK, with High  
     Honors in Social Science in the  
     Division of General Studies  
 NAOMI VIRGINIA PETERS  
 FRANCES PHILLIPS  
 JOYCE MARGARET PINAULT  
 ROBERT GEORGE PLAGGE  
 ERNEST HOWARD POOL, JR.  
 GWENETH HEMMINGS PRITCHARD  
 VICTORIA PRODAN, with Highest  
     Honors in Psychology  
 ROSEMARY RUTH RAHN  
 CHARLOTTE KRASNE RAMENOFKY, with  
     Highest Honors in History  
 LOLA NADINE RANSOM  
 GRETCHEN RAUBE  
 WILLIAM SAMUEL RAY  
 MARIE FLORENCE REACE  
 HELEN JEAN REEDY  
 ANNETTE GARDNER REEVES  
 ROBERT EUGENE RICHARDS  
 MARY JANE RTCHIE, with High  
     Honors in Social Science in the  
     Division of General Studies  
 GEORGE BIVINS ROBERTS, JR.  
 MARY KYNDBERG ROBINSON  
 FRANK ROCKWELL  
 GUY EDWARD RODRICK  
 PHYLLIS JEANNE ROSE  
 JANICE RUTH ROSEN  
 ROBERT OLIVER ROY  
 NATALIE MARY RYAN  
 WILLIAM BROWNING SANDERS  
 ESTELLE GRACE SCHERMER  
 PATRICIA MARDIS SCHUBERT  
 ESTHER SCHULMAN  
 MARGARET LOUISE SCHUMACHER  
 THEODORE ROOSEVELT SCOTT, JR., with  
     Highest Honors in History  
 GEORGENE SEAMAN  
 PETER JOSEPH SHADROUI  
 MARTHA JEAN SHANNON  
 ROBERT JAMES SIMONDS  
 JOHN THOMAS SMITHSON  
 ANNA MAE SNEEDON  
 DOROTHY LEE SPENCER  
 MARILYN RUTH SPERO  
 LOIS JANE SPROAT  
 SALLY DELL SPROAT  
 MAXINE HELEN STAVROULAKIS  
 MARY ELIZABETH STEPHENS  
 EMILY FRANCES STERN  
 MARION TUI STEVENSON  
 ROGER GENE STEWART  
 RUTH MARTHA STREGER  
 JEAN LYDIA STREVER  
 JEANNE GASS STUMP  
 WARREN GERALD SULLIVAN  
 MARTHA SWAIN, with High Honors in  
     English  
 CAROL ANN SWANSON  
 ROBERT JOHN SZULSKI  
 DOUGLAS WILLIAM TARR  
 BETTY LOUISE TATE  
 HELEN FRANCIS TATE  
 FRANCES MARY TAYLOR  
 RICHARD WIRTH TAYLOR  
 JAYNE BLANCHARD THOMAS  
 JULIAN EDWARD THOMPSON  
 ROBERT NEIL THOMPSON, JR.  
 RICHARD LOWELL THREET  
 FRANCES ELAINE TICK  
 HELEN KITTY TODD  
 WILLIAM OSLER TODD  
 MARY RUTH TREDINNICK  
 JOHN WINTER TURNBULL  
 JOANNE TURNER  
 WILLIAM HAROLD VANLEEUEWEN, V,  
     with Honors in Political Science  
 MARGARET PATRICIA VAWTER  
 MARGARET HELEN WALDO  
 CYNTHIA CAMP WATKINS  
 GEORGE LAFAYETTE WATSON  
 CAROL JUIN WHIPPLE  
 BEVERLY GERARD WILSON  
 DORRIS WILBUR WILTON  
 DONALD EARL WISE  
 STEPHEN THEODORE WORLAND  
 PHYLLIS SCHELL YOUNG  
 DOROTHY WYNNE ZIMMERMAN, with  
     Honors in English  
 NORMA GENE ZIMMERMAN

*In the Teaching of English*

RUTH ELEANOR BARDWICK  
EILEENE LOUISE DAHLER  
MARY HELEN LITTLEMEYER

MARILYN JEAN PFLAUM  
CONSTANCE PISHOS  
TONI ROSE TOMIC

*In the Teaching of Latin*

MARIA JOHN COSMAS

*In the Teaching of Social Studies*

GLORIA MAE CIMINO  
JACK FASMAN, with Honors  
SYLVIA HELPER, with Highest Honors  
JEAN SLATER HUELSEN  
JOAN PEARL NEFF, with High Honors

JOHN MICHAEL PANEK  
WINONA RUTH SCHROEDER, with  
Highest Honors  
MARIE IONE TILLEY  
LOLAMAEE WHITLEY, with Honors

*In the Teaching of Spanish*

MURIEL HELEN BROADWAY

DAWN DERLYSE SILLESEN

*In the Teaching of Speech*

MARGUERITE LILLIAN BARD

BARBARA JEANNE HOWARD

**Degree of Bachelor of Science***In Chemical Engineering*

ROBERT BYRON BIRD  
YUNG TING CHEN  
RICHARD JAMES DIVILBISS, with  
Highest Honors  
MARSHALL RAYMOND HATFIELD  
JU-LUAN MA  
CHARLES DEAN NEWMAN, JR.  
VICTOR JOSEPH O'BRIEN, with High  
Honors  
WILLIAM SHIRLEY PELLETIER, with  
Highest Honors

DANIEL EDWARD PIKE  
TOY FRANKLIN REID  
LEO RESNIK, with High Honors  
MEREDITH RICHARD RHOADES  
GEORGE WAYNE RITTER  
GEORGE JOHN RITZ, with Honors  
JOHN FERRIS RYAN, with Highest  
Honors  
PAUL LEWIS STAVENGER  
EDWIN HAMILTON VAUSE, with Honors

*In Chemistry*

RICHARD KEITH BENJAMIN  
EDWARD ALVIN BROWN, JR., with High  
Honors  
JOHN WALTER HULL  
LOREN JOHN KABBES  
RALPH ELMER KELLY, with Highest  
Honors

JEROME BERNARD KLOSE  
ALICE LOUISE MISEGADES, with High  
Honors  
EDWIN ALAN SWIRE  
SPENCER HUNT WATKINS, with High  
Honors  
AUSTIN IRVING WEBER

*In Home Economics*

WINIFRED MABEL COMBS, with Honors

*In Liberal Arts and Sciences*

MINORU AKAGI  
JEAN ROBERTA AMMONS  
CHARLES RICHARD ARENDALE  
MARY ALYCE BANNON  
EVELYN MARIE BARNES, with Highest  
Honors in Bacteriology  
LOIS JANE BERGER  
LOIS RYNNING BOWERS, with Honors in  
Chemistry  
MARY GERALDINE BOWERS  
JUNE RUTH BRAMLET  
JEAN AUDREY MAE BROCK  
JOSEPH FORMAN BUNN

JOHN FRANCIS BURKE  
CHARLOTTE RUTH CANTOR  
RUSSELL LLOYD CARLSEN  
KENNETH HOWARD CLAPPER, with  
Honors in Psychology  
KATHRYN AVERY COBB, with Honors in  
Psychology  
MARY MARGARET COOGAN  
CATHRINE JANE COVER  
ALICE MARILYN DAIGH  
RACHEL MAE DAVIDSON  
DEAN AMOS DAVIS  
HARRIETT HELEN DILWORTH

- DEAN HOBERT ECKE  
 LEE PAUL EILBRACHT  
 EDWARD SIDNEY EPSTEIN  
 HARMON EDWIN EVELAND, Jr.  
 CHARLES HUBERT EVERS  
 LORETTA MAE FATLAND, with Highest  
     Honors in Bacteriology  
 MAX CREIGHTON FIREBAUGH  
 DAVID BLAKE FISCHER  
 DONALD LEE FOOTE  
 GRANT JOSEPH FRANSON  
 JOAN ELIZABETH GAGAN, with Highest  
     Honors in Bacteriology  
 JUANITA MARIE GAUMER  
 PATRICIA HELEN GAYNOR  
 JOANNE HELEN GEARTTS  
 KATHERINE MARGARET GLASGOW  
 RALPH HERALD GOEBEL, with Highest  
     Honors in Mathematics  
 MAURICE ELZA GRAVES  
 BEULAH MARGARET GRIFFIN  
 GEROLD MORTON GRODSKY, with High  
     Honors in Chemistry  
 CHARLES JOHN GRUPP, JR.  
 GALEN MARCY HALLETT, JR.  
 ROSS ROBERT HERR  
 IRENE VERA HOELZEL  
 MICHAEL MEYER HOLZMAN  
 JEAN CLARICE HUBER  
 VERNON ZELLER HUTCHINGS  
 HARVEY JACOBS  
 ROBERT EATON JOHNSTON  
 CHARLES SAUL KAMBAR  
 BERTRAM VICTOR KARFF  
 VIRGIL JOHN KENNEDY  
 GLENDALL LEE KING  
 ROBERT FRANK KRAYE  
 ALVIN JEROME LAMPERT  
 EARL WILLIAM LANE, with Honors in  
     Chemistry  
 MORRIS WELLMAN LEIGHTON  
 NORMA JANE LEVIN  
 LLOYD ADOLPH LINDENFELSER  
 REX DEVON LINDSAY  
 ESTHER GAIL LITTLE  
 BERNARD WALDEN LYNCH  
 WARREN EDWARD MAAS  
 ALICE WEBER MANDEL, with Honors in  
     Bacteriology  
 JOSEPH REECE MANN  
 ELIZABETH ROSS MARSHALL  
 MARY LOU MARTIN  
 LAMBERT JOHN MATHY  
 JOHN FORBES MCCLELLAN  
 JANET KLETT MCCOWAN  
 CARMELITA GARRIGUS MCKEMIE  
 JANE DONELDA MEEK  
 JEANNE ELIZABETH MURPHY  
 JOYCE JEANETTE NEUBAUER, with  
     Honors in Bacteriology  
 DANIEL FRANKLIN NICKOLS, JR.  
 MARIE AGNES OSTROM  
 SALLY WEBER OZELL  
 BETTY JEAN PACE  
 HELEN FRANCES PALMER, with Highest  
     Honors in Psychology  
 JEAN ANN SHOAFF PARK  
 SUZANNE GREENBERG PAUL  
 WILDER FAIRBANKS PEASE  
 GEORGE HAROLD PERBIX, with Highest  
     Honors in Mathematics  
 RUTH ELENOR PERZ  
 BERNARD MATTHEW REGAN  
 ROBERT FREDERICK REISCH  
 MARGARET MALLORY ROBINSON, with  
     Honors in Psychology  
 CORINNE SYLVIA ROSEN, with Honors  
     in Psychology  
 ARLENE FRANCES ROSENSTEIN, with  
     Honors in Bacteriology  
 SHIRLEY SYLVIA ROSNER  
 LEONA RUBINFIEN  
 IRVING BENJAMIN SACHS  
 ELI SALTZ, with Honors in Psychology  
 FRANCES JEANNE SATTERLEE, with  
     Honors in Bacteriology  
 ANN MARIE SCHERTIGER  
 PHYLLIS REGENIA SHARTS  
 ROBERT HAROLD SHAYER  
 ROBERT HAROLD SHELPE  
 PHILIP MERTON SIDLER, JR.  
 JEROME JOSEPH SIEGEL  
 MARIAN LOUISE SIMONSON  
 STANLEY JOHN SLAZINSKI  
 DANA PAUL EUGENE SNYDER, with  
     Highest Honors in Zoology  
 JEROME SOLOCK  
 RUTH STARK, with Highest Honors in  
     Psychology  
 LEONARD WILLIAM STAUGAS  
 SIDNEY MICHEL STEINBERG  
 HARRY BERNARD STONE  
 ROSEMARY JUNE STORM  
 MARY CATHERINE SULLIVAN, with  
     Highest Honors in Zoology  
 MARY FRANCES THOMETZ  
 REUBEN TORCH  
 LINDELL HOWARD VANDYKE  
 JOSEPH VERCELLINO  
 DAVID CLARENCE VORIS  
 JOHN RICHARD VRASIC  
 MARILYN PEARL IZARD WEBER  
 CHARLES WEIGEL, JR.  
 EDGAR LEON WEINBERG  
 THOMAS JEROME WELLMAN  
 RISDON JOHN WESTEN  
 FRANKLIN HUFF WETZEL  
 MARY LOUISE WIDENER  
 GALE CORINE WILLIAMS, with High  
     Honors in Bacteriology  
 SALLY ANN ZERWEKH

*In Speech Correction*

MARJORY TODD BROWN, with Honors  
 MARTHA LOIS COTTINGHAM  
 BARBARA GULLEY, with High Honors

RITA MARIE OLDHAM  
 NORMA LEE WHITTON

*In the Teaching of the Biological Sciences and General Science*

CLAIRE MARGARET CHULAY

*In the Teaching of Geography*

HELEN MAY RICH

*In the Teaching of Mathematics*

LORENA BLEW CURRAN

KERMIT LAVERN HARDEN, JR.

## COLLEGE OF EDUCATION

## Degree of Bachelor of Science

*In Education*

MARIELLA AIKMAN  
 VIOLA MCCORD ARNOLD  
 LAVERNE BOBETTE ASCHER  
 JEANNE LYDIA ASHKANAZY  
 SHIRLEY WRIGHT BAILEY, with Honors  
     in Education and Music  
 MARY ADELAIDE HULL BARTH  
 EDNA JEANNE BENNETT  
 PATRICIA LOTTA BERKMAN  
 IRENE ROSE BOWER  
 RENEE BRICKNER  
 MARY SUE BROWN  
 ANGELINA LUCILLE BRUMMER  
 CAROLYN FRANCES BURGESS  
 HARRY LEE BURRUSS  
 WILLIAM PAUL BUTKOVICH  
 MARJORIE JANE CAMPBELL  
 EDITH EUNICE CLARK, with Honors in  
     Spanish  
 JANE CORDELL  
 JOHN ADDISON CURTIS  
 KENNETH HERMINE DARNER  
 WALTER ZELLMAN DYKEMAN  
 RALPH RICHARD ELTOFT  
 BETTY JEANNE ESTERS  
 ROGENE HUBBARD FIELD  
 DOROTHY LOUISE FINGER  
 MARY LOU FOCHT  
 RUTH MARGUERITE FROHARDT  
 MARY FRANCES GAMBINO  
 EMERY LOUIS GEREZC  
 FLORA ELEANOR GOFF  
 GAIL LUCILLE GOLDSMITH  
 SHIRLEY GOLDSTEIN, with Honors in  
     Biology  
 PETER JOSEPH GOTFRYD  
 HEWERT GUY GRAY, with Honors in  
     Education and Mathematics  
 LEE GEORGE GREBNER  
 ROBERT DEAN GROSS  
 HELENE HARRIS  
 DOROTHY ANN HENDERSON  
 NORMAN RAY HOEFT  
 ROBERT BRUCE HOFFMAN

IRA EDWARD WIGHT HUFFMAN  
 ALMA ROSE HYLAND  
 MARY KATHRYN KELLY ISBELL  
 SYLVAN FRED JAENKE  
 RUSSELL OTIS KIRKHAM  
 EARL ROBERT KOGEN  
 CAROL FRANCES KRAATZ  
 HELEN ELIZABETH KRUMSIEK  
 RICHARD DONOVAN LAFOND  
 DORIS JEAN LAYSON, with High Honors  
     in History and Honors in Education  
 SUZANNE ZECKMAN LITVAK  
 WILLIAM EDWIN LONG  
 MARY ANN LOTT  
 LORRAINE HELEN MANTAS  
 ROBERT WILLARD MARSHALL  
 CHARLOTTE LILABEL MCKINNEY  
 JOAN GRACE MCKINNEY  
 THELMA JEAN MELOHN  
 ROBERTA ELOISE METZGER, with Honors  
     in Education and Spanish  
 SALLY LOU MILLIS  
 AUGUSTUS MAINE MINTON  
 LOWELL TED MORGAN  
 ALLEN WOODROW NINNESS  
 LORRAINE BAILEY O'KEEFE  
 JEANNE ALICE OSTBY  
 MAXINE HARRIET OURADA  
 ELSA MILDRED PAUL  
 VIVIAN MAXINE PAYNE  
 PAUL RIEDEL POWELL  
 EVELYN JOHNSON QUICK  
 THEODORE RALPH REED  
 LEONA BRAHIN ROSEN  
 DAVID BRADFORD RUNDLE  
 NETTIE ELAINE SEBASTIAN  
 JOHN WILLIAM SHERMAN, JR.  
 ELIZABETH ROSALIE SMITH  
 ROBERT ELMER STERNLOFF  
 MARGARET OTYLIA STRODE  
 CAROL ANN STRUB  
 ALISON MILLAR SYMON, with Honors  
     in Spanish  
 ANNA LEE WHITE

*In Industrial Education*

LOUIS HENRY JEDLICKA  
DEAN NELSON KEACH

LOYD WAYNE PERRY

## COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

## Degree of Bachelor of Science

*In Accountancy*

SIDNEY SAMUEL ABRAMS  
EDWIN ANDREW BARTUSCH, JR.  
CARL FREDERICK BENNER, JR.  
EMILY FRANK BEVER, with High Honors  
DONALD WELCH BIRKS  
SAMUEL ARTHUR CAMPOBELLO, with High Honors  
ROBERT VICTOR CHENALLOY  
JAMES LESLIE DAVIS  
MERRILL DAVIS DIEKEN  
RONALD JOHN DORAN  
ARNOLD DORFMAN  
FRANKLYN JOHN DUGAS, with Honors  
CLARENCE LEO DUNN  
RICHARD GORDON ERSKINE  
RUSSEL CARL FIELDING, with Honors  
JOHN RAYMOND FOX  
ARTHUR EUGENE FULMER  
FLOYD DALE GERMAN  
WILLIAM SHERMAN GRAF  
NATHANIEL PHILLIP HANNA  
GEORGE THEODORE HEINRICH  
JEAN GRACE HOFFMAN  
HERMAN WILLIAM HUBER  
ROWLAND J. JACKSON, with Honors  
RICHARD EDWIN JAMES

WILLIAM KENNETH JOHNSON  
WAYNE PHILIP KASCH  
HAROLD DAVID KASSEL  
RAYMOND HENRY KLUENDER  
JAMES ROSS LEIB  
DAVID WESLEY MCBRIDE  
JOHN THOMAS MCBRIDE, with Honors  
WILLIAM HENRY MERKLE  
JOHN MIZIALKO, JR.  
FRED L. MOORE, JR.  
PATRICIA ANN MURPHY  
WAYNE EDWARD NOHREN  
JOHN WILLIAM OSTREM, with Honors  
ROBERT NORTON PARKER  
LYMAN DEE PETERSEN  
GEORGE J. POHN  
WILLARD ALFRED REED  
HAROLD EDWARD ROBERTSON  
NEHEMIAH SHAPIRO  
JOAN MARIE SIEGFRIED, with Honors  
EARL EDWARD LOUIS SMITH, with Honors  
ELEANOR LOUISE SWANSON  
NEIL HUFFMAN THOMPSON, JR.  
OLIN AUGUST WETZEL, with Honors  
ROBERT BERNARD WHITE  
JAMES ALBERT YOUNG

*In Banking and Finance*

JACK RUSSEL BRINK

KENNETH LOUIS SCHROEDER

*In Commerce and Law*

ROBERT FREDERICK CASEY  
FREDERICK WILLIAM IRION

HERMAN TENER LANDON

*In Commercial Teaching*

BARBARA ANN BESENFELDER  
BETTY LOUISE BRIGGS  
OLGA CATHERINE DREWNICKY  
JEAN ANN GALEK  
ROBERT HUNSAKER GOURLEY

GLORIA JANE HUDSON  
ALLEN WOODROW NINNESS  
FRANCES MAE PLAGGE, with Honors  
MARY JEANNE VERDUN, with Honors  
CECILE JEAN VOIGT

*In Economics*

CLARENCE PALMER CHAPMAN  
LAWRENCE VINCENT CONWAY

HAROLD GENE SAMUEL, with Honors  
LOUIS HAROLD STERN

*In Industrial Administration*

IRA ROBERT ANDREWS  
HALDOR CARLSEN, JR.  
DAVIS JOHN DRISCOLL  
GEORGE THOMAS KOPCHAK

MARTIN JOHN MURRAY  
ROBERT ORETT REDMAN  
JOHN ALOYSIUS ROSAUER

*In Management*

|   |  |
|---|--|
| HARVEY REGINALD ALEXANDER                   | ROBERT FRANCIS LIMACHER                    |
| MARJORY RUTH BEAN                           | HAROLD VERNON MILLER, with Honors          |
| JAMES LLOYD BROWN                           | JACK IRLE MILLS                            |
| ROGER SUMMERS BULLARD                       | ROBERT LOUIS MUELLER                       |
| ARTHUR FREDERICK BUSBOOM                    | MARGIE ANN PERKINS                         |
| ROBERT LEE CARLOCK                          | MICHAEL JOSEPH PIETRZAK, Jr.               |
| HALDOR CARLSEN, Jr.                         | DONALD JOSEPH PORTER                       |
| MARGARET ANN CARLSTEN, with Honors          | CHARLES KELBURNE PRESTON, Jr., with Honors |
| VERA LORRAINE CARTER                        | JEROME HERBERT RUDMAN                      |
| FRANK WILLIAM CHAPMAN                       | EUGENE SCHWARTZ                            |
| ROBERT GREGG CHISOLM                        | PHYLLIS JANE SHIMKUS                       |
| FLORENCE EMILY CHRISTIANSEN                 | RICHARD LIDDLE SHOTLIFF, with Honors       |
| PAUL MORLEY DOBSON, Jr.                     | FRANKLIN ELLIS SIEGAL                      |
| KATHRYN EINBECKER                           | PHILIP SMITH                               |
| MARJORIE LOUISE GOLDER                      | CHARLES RICHARD TURNBOW                    |
| HENRY WILLIAM GRAVES, Jr.                   | HOWARD THOMAS VEST                         |
| DARRELL GEORGE HAASS, with Honors           | RUSSELL WALTER WAGNER                      |
| GORDON SANBORN HOUSER                       | GEORGE ADOLPH WALTERS, III                 |
| FREDERICK WILLIAM ILSEMAN, Jr., with Honors | JAMES RUSSEL WEATHERS                      |
|   | ROGER NORMAN WESTBERG                      |

*In Marketing*

|                         |                          |
|-------------------------|--------------------------|
| JAMES ELBERT ALFORD     | JOHN DELBERT MEE         |
| DEXTER NEAL ASHBROOK    | ARNOLD MILLER            |
| BURTON CLIFFORD BROWN   | EUGENE TATE NAVE         |
| JOHN JAMES CARY         | CONSTANCE LUCILLE NELSON |
| JAMES EDWARD DAVIS      | DANIEL FRANCIS O'CONNELL |
| ERIC CARL EKSTROM       | HAROLD STANTON PADDOR    |
| EDWARD CHARLES HAGAMAN  | MALVIN BERNARD PAUL      |
| WILLIAM JACOB INCE      | MARY MARGUERITE RIETVELD |
| GEORGE TRONC JOHNSON    | BARBARA JEAN TUNNICLIFF  |
| GEORGE WILLIAM KISER    | JOHN MARTIN WAKELAND     |
| JEROME KRIVIT           | WILLIAM ANDERSON WATTS   |
| EDWARD CHARLES LANGILLE | EDWIN STEVEN WEIMAN      |
| RICHARD STEFAN LOPATA   | WILLIAM HENRY WHETSTONE  |
| OWEN MCCALL, JR.        | RAPHAEL MARVIN WOLF      |

*In Marketing and Management*

|                        |                      |
|------------------------|----------------------|
| RICHARD CHARLES BARNES | RICHARD LYNN PERKINS |
| BOYD BISHOP BARRICK    | SANFORD JAY SCHOEN   |
| MARY MARTHA KERSCH     | ROBERT HARRY WEEKS   |
| BERNICE S. LENDING     |                      |

*In Public Affairs*

|                                      |
|--------------------------------------|
| ROBERT ERWIN BERRY, with High Honors |
|--------------------------------------|

## SCHOOL OF JOURNALISM

## Degree of Bachelor of Science

*In Journalism*

|                          |                                   |
|--------------------------|-----------------------------------|
| CHERNIE ABRAMS           | DOLORES MARIE CAPOUN              |
| JULIET VILNA ALLEN       | THOMAS EDISON DAVIES, with Honors |
| EARL EVANS ASBURY        | EARL SIMEON DOWELL                |
| JOAN LUCILLE ASCHERMAN   | GLENN HAVEN DOWLER                |
| ROBERT MORGAN BEAM       | THOMAS HUGH DRISCOLL              |
| JEANNE GLADYS BECKER     | RHODA EILEN                       |
| MARY ELLEN BENNETT       | ROBERT VINCENT FANNING            |
| ADA LOEB BLACKMAN        | MATILDA VERONICA FAZEKAS          |
| MARION BOLLINGER         | JOHN DWIGHT FOCHT                 |
| LESLIE BLAINE CANTERBURY | SEYMOUR FRIEDMAN                  |

BARBARA VENTON GILBREATH  
 MARY ELIZABETH GOCHANOUR  
 JUDITH ESTELLE GOTTLIEB  
 RALPH HENRY HALLENSTEIN  
 WILLIAM MARVIN HAMER  
 MARIETTA HAMILTON  
 EDWARD CLARK HANNA  
 JAMES DAVID HARPSTER  
 HAROLD THOMAS HEIDBREDER, with  
 Honors  
 ESTHER LILLIAN JONES  
 LEONARD LOUIS KULISEK  
 EUGENE RAYMOND LINER  
 WESLEY EDWIN MARCHUK  
 JOHN CARLIN MUNGER  
 MARILYN ESTELLE MURRAY  
 BARBARA ANNE NICKLAUS, with Honors  
 BETTY NOREEN NORBERG  
 MARY KATHRYN NORTHAM  
 JOE ROBERT PATRICK, with High Honors  
 EDNA BETTY PATTON

DONALD DEAN PEASLEY  
 THOMAS EDWARD RICE  
 MARY LOU ROBERTS, with High Honors  
 ROBERT MARTIN ROTH  
 BARBARA JOAN ROWE  
 LAURENCE HAZELRIGG RUFF  
 ELINOR MARIE SCHOBACK  
 JAMES GORDON SEARS  
 ELAINE MARGARET SELL, with Honors  
 LEE SVEC  
 JACQUELINE DELORES TATMAN  
 WILLIAM CARL TERRY  
 LOIS ELIZABETH THUROW  
 HELEN ELIZABETH WACKER  
 ALICE ANN WALKER  
 GEORGETTE ANN WEISS  
 CARL FREDERICK HUGO WERMINE  
 VIRGINIA LEE WINTERS  
 MAURICE LYNN WOMACK  
 ELLEN ZARET

#### COLLEGE OF FINE AND APPLIED ARTS

##### Degree of Bachelor of Science

###### *In Architectural Engineering*

CHAUNCEY HAROLD BARCUS  
 PAUL CARL BRANDT, with Honors  
 NORMAN KENWOOD COHN  
 NED EMIL FISCHER  
 HERBERT JONATHAN HOODWIN  
 LOUIS HENRY HUEBNER  
 ANTON KAMPF  
 HAROLD HERBERT KOLB  
 GRANT JIM PAUL

GERHARD CHRISTOPH RETTBERG  
 RICHARD STEPHAN SCHOENBERGER  
 HOWARD EDWARD SCHROEDER, with  
 Highest Honors  
 WARREN WIEGAND SCHWULST, with  
 Honors  
 ROBERT EDWARD SERWATKIEWICZ  
 ALOYSIUS JAMES SPRINGMAN  
 CHARLES EDWARD WATERS

###### *In Architecture*

JERRY PHILLIP BRAVEMAN  
 JAMES JOHN DERKS, with Honors  
 ROBERT JOHN DRAYTON, with Honors  
 WILLIAM ENG  
 CLAUDE WALLACE FREY  
 GEORGE WILLIAM GUNN, JR.  
 JOSEPH CLAUDIUS HAYES  
 FLOYD LAMAR KELSEY, JR., with  
 Honors  
 DONALD ROBERT KNORR  
 WILLIAM HART LANE  
 JEAN ALICE LINDEN  
 ROBERT JOSEPH MAKARIUS, JR.

WILLIAM CHARLES MUCHOW, with  
 High Honors  
 ALBERT EDWARD SANNER, JR.  
 HOWARD EDWARD SCHROEDER, with  
 Highest Honors  
 RAMON SCHUMACHER, JR.  
 ROBERT JOSEPH SMITH, with High  
 Honors  
 GOODWIN BARNEY STEINBERG  
 ROBERT WARREN STEUERWALD, with  
 Honors  
 WALTER KOELLEIN VIVRETT, with  
 Highest Honors  
 HENRY CLAYTON YOUNG, with Honors

###### *In Music Education*

MARY SYLVIA ANDERSON  
 ALMA KATHRYN BLACKWOOD  
 FLORENCE JANET BROMAGE  
 WILLIAM REUBEN BROPHY, with High  
 Honors  
 ROBERT ARTHUR CLINE  
 RICHARD WILLIAM FALLER  
 DELBERT ARTHUR GORANSON

EMILY JEAN HENSEL, with High  
 Honors  
 MARGUERITE LOIS HOFFMAN, with  
 Honors  
 HAROLD RUSSELL LUTTENBACHER, JR.  
 GORDON CHARLES PENTZ  
 LLOYD ROBERT STRANG  
 LOIS ELAINE ZORNIG



**Degree of Bachelor of Fine Arts***In Commercial Design*

CHRIS JOHN ARVETIS  
 BETTY LOU BLAIR  
 ANNA MARIE CAMPANA  
 MARILYN LOUISE CHAPMAN  
 AVANELLE DRAPER

DOROTHY BURTON ISRAEL  
 POLLY KUBY, with Highest Honors  
 ELEANOR ADELE SCHLESINGER  
 ELIZABETH ANNE TURNER, with Honors  
 RICHARD WEINER

*In Industrial Design*

MARY ELIZABETH BRUNER  
 JOHN WILBUR ERICKSON  
 MARYANNE LOUISE ESSENPREIS, with  
 Honors  
 KATHARINE VIRGINIA HANNEMAN

JOHN ARTHUR KEENER  
 JOHN SANGSTER MCKAY  
 LOWELL OWEN ROBERTS  
 LILY ANN SLOBODA  
 DOUGLAS DEWITT SOUTHGATE

*In Landscape Architecture*

WILLIAM HAMPTON COIBION, with High  
 Honors  
 THEODORE HANS EBEL  
 ROBERT EUGENE GOETZ, with Highest  
 Honors

THOMAS WAGNER HILL  
 VIVIAN RUBIN KANTOR, with Highest  
 Honors  
 DALE ROBERT SCHERER  
 HERMANN FRANCIS WAGNER

*In Painting*

MARGARET HELEN ANDERSON, with  
 High Honors  
 TOM RICHARD CAVANAUGH

GERALDINE MARY SUTZER, with Highest  
 Honors  
 ATHA LEE TEHON, with High Honors  
 WILDA CAROL ZILM

**Degree of Bachelor of Music**

PARKE SEBASTIAN BARNARD  
 WILLIAM REUBEN BROPHY, with High  
 Honors  
 ROBERT ARTHUR CLINE  
 BETTY RAY DURHAM, with Honors  
 ALINE MARGARET FAIRBANKS  
 MARILYN JUNE FOLLIARD, with Honors  
 JOHN ROBERT GRAHAM, with Honors  
 MARTHA ELLEN GRUBA, with Honors  
 HARRIET ELLA HAYCOCK, with Honors  
 ALBERT CLAUDE LEACH

JOSEPHINE JANELL LINDSAY, with  
 Honors  
 ROBERTA NADINE MULLIKEN, with  
 Honors  
 RITA MAE STILES NELSON  
 GWENDOLYN BENNETT RAY  
 TOM VERNON RITCHIE, with Highest  
 Honors  
 PATRICIA JEAN SMITH  
 STANLEY ROWLAND SMITH

**SCHOOL OF PHYSICAL EDUCATION****Degree of Bachelor of Science***In Physical Education*

NORMAN CARSTEN ANTHONISEN  
 HELEN WYNETTE BECKER  
 JOANNA MAE BRENNER  
 JACK DURWIN BUTT  
 RAYMOND ARTHUR CISZEK  
 KELLY COX, JR.  
 DOROTHY ALICE DOLAN, with Honors  
 SHIRLEY ANN DONNELLY  
 DOROTHY ROSE FINK  
 JOHN FRANK GENIS  
 ERNEST ARTHUR GIOVANGELO  
 DOROTHY ANN HOLSTON  
 TRILLIS JUNE JACKS  
 MIKE KASAP  
 JOHN MOORE KROMREY  
 LUCILLE INGRID MAGNUSSON, with  
 Honors  
 KENNETH HOWARD MENKE

FLORA ANN OFFNER  
 BETTY JEAN COX OWEN, with Honors  
 LOUISE EVELYN PETERS  
 ANDREW MICHAEL PHILLIP  
 ALVIN WILLIAM QUINN  
 HAROLD AUGUST RADEMACHER  
 ALBERT SCHARF  
 BONNIEJEAN SCHMIEG  
 ELAINE IONE SELICOVITZ, with Honors  
 RALPH MARTIN SERPICO  
 ARTHUR JOHN SMILEY  
 JAMES GLENN THON  
 MAYME ANNA VACKETTA  
 ELLIS EUGENE VANCE  
 ROBERT ALEXANDER WILSON  
 VERNON ROBERT WINTER  
 JEAN ELIZABETH YOUNG

## DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

## Degree of Bachelor of Science

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| LEO ALTSHULER, with Honors            | TRAVIS WELKER FREEMAN                 |
| RUTH ANDERSEN                         | WILLIAM WILSON GALLUZZI               |
| WILLIAM DONALD ANDERSON               | WILLIAM JOSEPH GANZER                 |
| BERNARD FRANCIS ASCHBACHER            | MILTON GASSEL                         |
| WILLIS HURLBUT ASHLEY                 | HOWARD NORMAN GOLDSMITH               |
| ROBERT JAMES BAILEY                   | HAROLD EDWARD GORMAN                  |
| GEORGE CARL BALL                      | JOHN GRABLE, JR.                      |
| RICHARD MORTON BARANCIK               | HERBERT ELIOTT GREENE                 |
| SEYMOUR RUSSELL BARUCH                | ROBERT McALLISTER GRIER               |
| WILLIAM JOSEPH BASH, Jr., with Honors | EDWIN NORMAN GUNN                     |
| CHARLES WEBB BECKEN                   | PETER HAMILTON                        |
| HOWARD VIRGINIUS BEITEL               | DANIEL WILLIAM HANDLIN                |
| HAL ERRETT BILYEU                     | DONALD LEE HARTRICH                   |
| ROBERT LE ROY BITZER                  | CHARLES RICHARD HAWORTH               |
| WALTER DAVID BJORSETH                 | LEON EDWARDS HAY, with Honors         |
| RICHARD HITE BLACK                    | HAROLD ROBERT HEBENSTREIT             |
| ROBERT MALMSTEN BLAIR                 | RICHARD CLAUDE HECKER                 |
| ALVIN ROBERT BLATTNER                 | HAROLD STEPHEN HEFFRON                |
| GUSTAV PETER BLUM                     | CLIFFORD DEXTER HENSEL                |
| RICHARD NELSON BLOMQUIST              | WILLIAM LOUIS HEWITT                  |
| ALLAN DAVID BOLOTIN, with Honors      | GEORGE EDWARD HILL                    |
| GEORGE BOONE, JR.                     | BEN BERNARD HINES                     |
| RUPERT JOSEPH BORGS MILLER            | HERBERT WILLIAM FREDERICK HINTZE, JR. |
| ALBERT CARL BOTTIN                    | DANIEL HIRSCH                         |
| ROY GUERRY BOWEN                      | WILLIAM SHARON HOOKS                  |
| MELVIN JEROME BOXERMAN                | PAUL WHITMER HORNE                    |
| HARRY ESMOND BROWN                    | CHARLES TYLER HOTCHKISS               |
| ROGER HEWES BROWN                     | RICHARD EUGENE HUGHES                 |
| LYNN ROWLAND BRYAN                    | GEORGE MALCOLM HUGHEY                 |
| WILLIAM MERT BUCKLEY                  | KEITH MELVIN HUNTER                   |
| CURTIS WILSON BUNTING                 | JOHN HENRY IRWIN                      |
| JOSEPH HAYES BUNTING                  | ELLSWORTH EVAN JAMES                  |
| JOHN VALENTINE BURNS                  | OLIVER SIDNEY JOHNSON                 |
| ROBERT EUGENE BYDALEK                 | ANCIL ARTHUR JONES                    |
| RUSSELL MORGAN CARR                   | HOWARD ALBERT JONGEDYK                |
| JOHN DALE CAVANESS                    | JOE LOUIS KAHN                        |
| CARL FRANK CHAPMAN                    | ORVILLE DEAN KANOUSE                  |
| ALAN ROBERT CITRON                    | LAWRENCE RUDOLPH KISS                 |
| MARVIN EUGENE CLATT                   | WILLIAM WILTON KNIGHT                 |
| JAMES JOSEPH COMYNS                   | CONRAD CASIMER KOZLICKI               |
| RICHARD NICHOLAS CONTE                | JEROME HAYES KRUPP                    |
| JOSEPH MARION COOK, with Honors       | CECIL ALBERT LARIMORE                 |
| JAMES JOHN CORTEZ                     | BRUCE EDWARD LARSON                   |
| RALPH DEDRICK CREASMAN                | ELMER WILLIAM LARSON, JR.             |
| JOHN RAYBURN CULLINANE                | THOMAS BENTON LAYCOCK                 |
| JOHN DEWITT CULP, JR.                 | DALE ALBERT LEIFHEIT                  |
| RALPH JOHN DADY, JR.                  | BRUCE BERT LEONARD                    |
| LELAND EUGENE DAVIS                   | JAMES COLE LINK                       |
| HAZEN STEWART DEAN, JR.               | KENNETH RICHARD LOVE                  |
| EDWARD LAMBLIN DILLON                 | EDWARD ROBERT LUND                    |
| LUKE EDWARD DOYLE                     | WILVAN ROSS LYTLE                     |
| SIDNEY MORGAN DRAKE, JR.              | MYRON DEAN MACLEAN                    |
| CHARLES KENT EASTMAN                  | JOHN FRANCIS MACPHERSON, with Honors  |
| MYRON HENRY EBERLE                    | IRVING ADOLPH MAERCKER                |
| STEPHEN WORCESTER EDWARDS             | HERBERT JOHN MATTER, JR.              |
| CYRIL FEFER, with Honors              | JAMES LEE MAYS                        |
| WALTER HOWARD FLY                     | JAMES THOMAS MCCARTHY                 |
| ROBERT ELLIS FOGG                     |                                       |

JOHN ARTHUR McNAMARA  
 WALTER HUGH MILLER  
 ROBERT STONE MONROE  
 JACK ROBERT MOSKEWITZ  
 EDWARD KENNETH MUELLER  
 JOHN WARREN MURPHY  
 THOMAS DARMODY NEAL  
 HAROL HUGH NEES  
 EDWARD JAMES O'DONNELL  
 ROSS BADER PATRICK  
 JAMES CLINTON PEDERSEN  
 CARL JOHN PETER  
 JOHN RICHARD PFEFFER  
 BERT COLEY PIGGOTT  
 NEIL EDGAR PISTORIUS  
 LAWRENCE WAYNE PLEASANT  
 GEORGE PURDUE PUSEY, JR.  
 DONALD LEWIS RAGGIO  
 JOHN RALSTON, JR.  
 LOUIS ROBERT REINERT  
 PAUL ALFRED RENSCH, JR.  
 WARREN JOHN RHODES  
 HUGH DEAN ROBINSON  
 JOSEPH CHARLES SALADINO  
 FRANCIS THIELL SAMPSON  
 ROBERT HENRY SANBORN, JR.  
 DWIGHT VERNON SANDERSON  
 DONALD FREDERICK SCHALLER  
 HARLAN HERSHALL SCHWARZBACH  
 MILO JOHN SEE, JR.  
 HERBERT ROGER SHAFFER  
 WILLIAM SHAPIRO  
 ROBERT ALLWIN SHROTE  
 JOHN CLAIRE SHUMAKER  
 MICHAEL VOLTAIRE SIMON  
 BRUCE HOWARD SIMPSON

JOHN RUSSELL SIMS  
 KENNETH WARREN SMITH  
 THEO LEE SMITH  
 QUENTIN LAWRENCE SNOOK  
 RALPH NORMAN SNYDER  
 STANLEY JOSEPH SOPYLA  
 DELBERT THOMAS SORRELLS  
 JOHN LOGAN STABLES  
 RICHARD PAUL STENGER  
 ROBERT CARL STOERZBACH  
 IRWIN JOSEPH STOVROFF  
 CECIL THOMAS SUMNER  
 FRED ELY SWEET  
 ARTHUR BARCLAY SWENEY  
 JOHN DAVID SYDOW, JR.  
 HOWARD MCGREGOR TANNER  
 GLENWOOD CHARLES TANTON, JR.  
 ROBERT BEHRENS THOMAS  
 RALPH EDGAR TRIBBEY  
 ALLEN DAVIS VEACH  
 PAUL KENNEDY WEATHERLY  
 CLARENCE ALDRICH WEBER  
 ROBERT PHIL WEBER  
 MORRIS JACOB WEXLER  
 MIRIAM WHITE  
 BOB LEE WHITFIELD  
 JAMES ROBERT WHITLOCK  
 ROBERT ERLE WIEN  
 DON RENWICK WILSON  
 WILLIAM MONROE WILSON  
 JOSEPH PAUL WLEKLINSKI  
 MONTAGUE ALFRED WOLFSON  
 JACK WOOD  
 GIDEON EUGENE WRIGHT  
 JOHN EARL YONCE  
 DAVID LEWIS YOUNG

### *Degrees Conferred in Chicago*

#### COLLEGE OF PHARMACY

#### Degree of Bachelor of Science in Pharmacy

*(Conferred September 21, 1946)*

OREL LEON BAKER  
 MATTHEW ABRAHAM LUDGIN  
 DANIEL S. MEYERS  
 LAWRENCE MIRMELLI  
 HARRY SHOUB

CHARLES WEBSTER SMITH  
 JACK STEIN  
 PAUL WALTER SZYMKOWSKI  
 CLARA JOANN VERGES

*(Conferred June 20, 1947)*

FRANK RAYMOND CELER, JR.  
 JACK COHN  
 MILTON COHN  
 JOSEPH ANTHONY DeSTEFANO  
 THEODORE DOLITSKY  
 ALEX EDELNANT  
 DORIS HILL GOUWENS  
 EDWARD WILLIAM GREHN  
 FRANK A. GROBSTEIN  
 ARTHUR FRANK HARASEK

GEORGE ANDREW HARRIS  
 HARRY HARVEY HARTLEB, Ph.C., 1933  
 RALPH ARTHUR HIGGINS  
 ROBERT CLIFFORD JUBY  
 ARON EZRA KAPLAN  
 SOL KESSELMAN  
 CLARENCE LESTER KEY  
 EDMOND JOSEPH LeCLAIRE  
 FRED ENT LEHNING  
 HARVEY BENJAMIN LEVIN

ROBERT EARL NADHERNY  
JOHN HARRY PAPROCKI, JR.  
RAYMOND ARLOE PARKS  
WILLIAM CHARLES PRELETZ  
HERSHEL RAPOPORT  
THOMAS FRANKLIN RYAN  
MIECISLAUS STANISLAUS SASS

LEO JAMES SCHERMEISTER  
AARON SCHUPACK, with Honors  
PETER JOSEPH STOLTMAN, JR.  
BERJ MIHRAN VARZAHABEDIAN  
LEO WEINER  
GLEN COLLARD WINDSOR  
JAMES AUBREY YARDLEY

### COLLEGE OF DENTISTRY

#### Degree of Bachelor of Science in Dentistry

*(Conferred September 14, 1946)*

DONALD WOODROW ILIFF

*(Conferred December 21, 1946)*

MORRIS COHEN  
JOHN ROSCOE GILMER  
ERNEST LAWRENCE KING, JR.  
LOWELL GERALD LARSON  
HERBERT NORMAN ROSEN

WILLIAM CHARLES SCHULTE, D.D.S.,  
1946  
IRVING LOUIS SKIB, A.B., College of the  
City of New York, 1941

*(Conferred June 20, 1947)*

THOMAS KING BARBER, B.S., Michigan  
State College, 1945  
KENNETH EUGENE BEACH  
WILLIAM WENLAND BELL, A.B., Lake  
Forest College, 1942  
JOSEPH FREDRICK BURGH, JR.  
HERBERT NATHANIEL HAZELKORN, B.S.,  
1943  
THOMAS SHERMAN JOHNSTON, D.D.S.,  
1946  
HARRY LEVIN

DALE MARWOOD LIFE  
CARROLL STORDOCK MILLER  
JEROME ANTHONY PIETSCH  
WALTER REINSBERG  
DAVID MEYER ROE  
MARSHALL RAYMOND ROZYNKOWICZ  
ROBERT SALEM SALK  
VERYL ROY SORESENSEN, with Honors  
GORO JACK SUGA  
RICHARD ORDWAY SWORD

#### Degree of Doctor of Dental Surgery

*(Conferred September 14, 1946)*

LOUIS ALFRED ALESSIO, B.S., 1944  
WALTER PETER BENDINELLI, B.S.,  
The Citadel, 1943  
MARVIN JACOBSON, B.S., 1942

EVERETT ALFRED PRICE, A.B., Lake  
Forest College, 1941; M.S.,  
University of Chicago, 1942;  
B.S., 1944  
IRVING CHARLES STONE, B.S., 1943

*(Conferred June 20, 1947)*

ROBERT ANTHONY ARNOLD, with Honors  
GERALD MORTON ASCHERMAN, B.S., 1945  
LORENZO GERARD BLANCHETTE, Ph.C.,  
1931; B.S., 1945  
CHARLES GUSTAV BLATTMACHR, B.S.,  
1945  
MATTHEW FELIX BORUCKI  
WENDELL NAPOLEON COTTON, A.B.,  
West Virginia State College, 1942  
ALBERT DOLIN, B.S., 1943, 1945  
ARTHUR SEYMOUR DUNN, B.S., 1945  
JAMES WALLACE DUNNAN, JR.  
ROBERT LEWIS DYER  
ROBERT HAWKS ELWELL, B.S., 1943,  
1945  
LAWRENCE BURDETTE FREY, JR., B.S.,  
1945

ARTHUR B. GAUSS, B.S., 1943; with  
Honors  
JAY IRVIN GAYNOR, B.S., 1945  
SOL GOLDMAN, B.S., 1943  
EDWARD CHARLES HAWKINS, B.S., 1943,  
1945  
JOE IRVING HERBSTMAN  
FRANCIS MICHAEL HIGGINS  
LAWRENCE HOROWITZ, B.S., 1945  
DEVORE EUGENE KILLIP, B.S., 1945  
MORTON RICHARD KORNBLUM  
DANIEL PAUL KOZAKIEWICZ  
ROBERT MAYER LAFF, B.S., 1945  
MILAS PAUL LARSON, B.S., 1945  
RAYMOND WILLIS LAW, JR., A.B., Cor-  
nell University, 1943; B.S., 1945  
BERNARD LEVIN

|   |  |
|---|--|
| GORSHIN GARY MANN   | WILL ELI SALTZ                                 |
| SAMEUS MARCUS, B.S., 1945   | CHARLES HENRY SHANER                           |
| THOMAS MITCHELL McCULLOUGH, B.S., 1945                                | ROBERT FRED SIRIMARCO                          |
| ERNST GUYOT MUENCH, B.S., 1945  | JOHN CUTHBERT SMEETON, B.S., 1945              |
| JOSEPH NOTO, B.S., 1945   | WALTER ASA SPERRY, JR.                         |
| JOHN ROBERT PETERS, B.S., 1945  | RICHARD ORDWAY SWORD                           |
| PHILIP HUGH POPE, B.S., 1945  | MACK CLENON TANNER                             |
| JOHN ARDELL PRACYK, JR.   | CORNELIUS VANDERBILT, JR.                      |
| HAROLD RABIN, B.S., 1945; with Honors                                 | MARVIN IRVING WALLER                           |
| DELMAR A. RENSNER, B.S., 1945   | HARRY CARL WATTERS, B.S., 1945                 |
| JOSEPH RANSOM RICE, B.S., 1945  | JOHN PHILLIP WERSCHING, B.S., 1945             |
| DAVID ROBERT RUMACK, B.S., Central Y.M.C.A. College, 1945; B.S., 1945 | SAM A. ZEIDENSTEIN                             |
|   | JOHN EDWARD ZUR, B.S., Loyola University, 1939 |

### COLLEGE OF MEDICINE

#### Degree of Bachelor of Science in Medical Technology

*(Conferred September 14, 1946)*

MARIE ANNA KIOEBGE, A.B., Mundelein College, 1941

#### Degree of Bachelor of Science in Occupational Therapy

*(Conferred December 21, 1946)*

YETRA RHAЕ DAVIS  
RUTH LEWIS HENDERSON

ANNE MARGARET KEVILUS  
DARLEEN BROUGHTON LAWSON

*(Conferred March 29, 1947)*

LOUISE BLACKSTONE

*(Conferred June 20, 1947)*

ANNA FRANCES BAKER  
JEAN FRANCES PHILLIPS CASSELS  
MARJORIE ELLEN CLIFFORD  
PATRICIA ANNE CRITCHLOW GRISAK  
LOUISE KREMENS

ELIZABETH LARRANCE  
SARAMAE SHERMAN  
SUZANNE EVELYN SPRONZ  
MARTHA GRACE THOMPSON

#### Degree of Bachelor of Science in Medicine

*(Conferred September 14, 1946)*

BRUNO ANTON DESULIS, M.D., 1938

*(Conferred December 21, 1946)*

JAMES ORVAL COURSEY, JR.  
JOHN LAURANCE FALLS  
JEANNE EMILY KEHOE, A.B., 1945  
ALBERT CHARLES KOHLMAYER

KENNETH HENRY RUSCH  
LESTER WEISSMAN, A.B., University of Newark, 1943

*(Conferred June 20, 1947)*

JOHN RICHARD ANDERSON, B.Ed., Chicago Teachers College, 1945  
MARTIN ASCH  
MORTON AARON BLUM, B.S., University of Michigan, 1945  
ROBERT TILDEN BRAMAN  
MORTON BEN-ARI BRAMSON  
JOHN CHARLES BRAZOS  
RAYMOND ALAN BROWN  
RUDOLPH STEVEN BUKOVSKY  
MARIAN DORIS COHEN  
JAMES BIRNEY DIBBLE  
JOHN DOUGLAS DOOLEY, B.S., 1945

JAMES CALVIN DOWELL  
THEODORE GEORGE DRUGAS  
MARIE ELIZABETH DUGAS  
GEMMA FERRARI  
EMIL FREIREICH  
ROBERT CORNELIUS FRUIN  
ALVIN MAXWELL GETZ  
JOSEPH FRANCIS GIANNOLA  
MARGARET EMILY GILLER  
CHARLES ALEXANDER GILPIN, JR., B.Ed., Southern Illinois Normal University, 1942  
LILLIAN IDA GOLDSTEIN

FRANK RICHARD GONDEK, M.D., 1941  
 HAROLD GOODMAN  
 SHELDON SEYMOUR GORSKY  
 DONALD LEROY GRIEME  
 HELEN IRENE GROVE  
 SAM EDGAR HANZEL  
 ROBERT LEWIS HARE  
 JOHN WINTHROP HASKIN  
 THOMAS WILLIAM HASS  
 MITCHELL HASSEN, B.Ed., Chicago  
 Teachers College, 1945  
 JAMES KIRTLEY HILL  
 FRANK WAYNE HOLLINGER  
 WALTER LUCIUS HOWLAND  
 RALPH FLETCHER HUDSON  
 SANFORD MYRON IZNER, B.S., North-  
 western University, 1941  
 GERALD WALTER JANKOWICZ  
 RUBIN JACOB JUSTER  
 BERNARD KAFKA  
 ROBERT JAMES KAISER  
 ARNOLD HOWARD KAPLAN  
 ERVIN KAPLAN  
 BETTY JANE KIZER  
 ROBERT MORTON KOHLENBRENER  
 DONALD MAURICE KOPPEL  
 JOHN RICHARD KOSTELNY  
 RICHARD HERMAN KOSTERLITZ  
 KENJI KUSHINO  
 HOWARD WILSON LAGERQUIST  
 DANIEL ABRAHAM LANG  
 ELISABETH STERN LASSERS  
 ROBERT LEEVACK  
 WILLIAM ABRAHAM LEONE  
 MARVIN ARTHUR LEWIS  
 JACK GILBERT LUKENS  
 DONALD JAMES LULU  
 ROLAND AUGUSTINE MANFREDI  
 WALTER SAMUEL MASSANARI  
 CHARLES JEFFERS McCAMMON, A.B.,  
 1942

JAMES BENJAMIN MCCORMICK  
 ARTHUR LOUIS MESSINGER, JR.  
 MORGAN MARION MEYER  
 MARION DROGOMIN MIODUS  
 GERALD STOROE MODJESKA  
 PHILLIP JAMES MOORE  
 WILLIAM SHERMAN MORROW  
 ROBERT EUGENE MYERS  
 RAYMOND FRANCIS NADARZYNSKI  
 JOHN OTTO NELSON  
 VIRGINIA MARIE NORRELL, A.B., Texas  
 State College for Women, 1939  
 EDWIN ERIC NYMAN  
 STANLEY JOHN OPALINSKI  
 WILLIAM OYEN  
 EDWARD ROY PERL  
 GERALD PERMAN  
 LEO PEVSNER  
 MORTON PINSKY  
 VIRGINIA PLOUGHE  
 EDMUND JOSEPH PROROK  
 LEONARD RACK, Ph.B., University of  
 Chicago, 1945  
 EUGENE A. ROSENBERGER  
 ROBERT EARL ROTH  
 JEROME ROWITCH  
 VERNON CLIFFORD SCANDRETT  
 LIONEL SCHOUR  
 EMANUEL SILVER, B.S., 1942  
 MYRL DAVID SIMS  
 RALPH HYMAN SWERDLOW  
 NORMAN DONALD TABACHNICK  
 DANIEL DOUGLAS THOMAS  
 PAUL HARVEY TOLPIN  
 VERNON GEORGE VERNIER  
 MARK WATSON  
 MARVIN ARTHUR WEISS  
 DAVID ROBIE WELSH  
 FRED WAITE WHITEHOUSE  
 MICHAEL ANGELO ZAMPOGNA  
 ROBERT STANLEY ZULLO

### Degree of Doctor of Medicine

*(Conferred December 21, 1946)*

EDMOND MICHAEL BROPHY, A.B., 1943

*(Conferred June 20, 1947)*

JEROME EDWARD ABRAHAMS, B.S., 1945  
 MERRILL JERSEY ALEXANDER  
 MERTON JERSEY ALEXANDER, with  
 Honors  
 RICHARD REED ALLEN, B.S., 1945;  
 with Honors  
 WILLIAM JAY ANDREWS, B.S., 1945  
 RICHARD PAUL ARIAGNO, B.S., 1946  
 JOHN RECTOR ARMSTRONG, B.S., Univer-  
 sity of North Dakota, 1945  
 THOMAS MALCOLM AUERBACH, B.S.,  
 1945; with Honors

PAUL LESTER BAKER, B.S., 1945  
 DONALD MAX BARNARD, B.S., 1945  
 WALTER LOCKE BAYARD, A.B., B.S.,  
 University of North Dakota,  
 1944, 1945  
 ROBERT JEROME BECKER, B.S., 1945  
 SAMUEL WILLIAM BECKER, JR., B.S.,  
 1945; with Honors  
 ALFRED McDOWELL BENNETT, B.S.,  
 1946  
 STANLEY FRITHIOF BERGQUIST, B.S.,  
 1945

- WILLIAM ROBERT BERTELSEN, B.S., 1945  
 WILLIAM ROBERT BEST, B.S., 1945;  
 with Honors  
 CHARLES CLAIBORNE BLACKWELL, JR.,  
 B.S., Northwestern University,  
 1946  
 BERNARD BLOCK, B.S., 1945  
 CONRAD FREDERICK JENSEN BLUNCK,  
 B.S., 1945  
 NORMAN CALVIN BOS, B.S., 1945  
 NEWELL TOLLEF BRAATELIEN, B.S.,  
 University of North Dakota,  
 1945  
 ELIZABETH KATHARYN BRUMBAUGH,  
 B.S., 1945  
 GERALD BRUSSELL, B.S., 1945  
 WILLIAM BRICE BUCKINGHAM  
 ALLISON LOVELLE BURDICK, JR.,  
 B.S., 1945  
 JOHN RICHARD CAMP, B.S., 1945  
 JOHN BAIRD CAVENAGH, B.S., 1945  
 CARLIN VELDE CHENOWETH, A.B., 1945  
 HOWARD RAY CHRISTOFERSEN  
 JOHN MARTIN COLEMAN, B.S., 1945  
 CHARLES AUGUSTUS CROWN, B.S.,  
 University of Notre Dame,  
 1945; B.S., 1946  
 GEORGE EDWARD CRUFT, B.S., 1945  
 LEONARD IRVING DAGOVITZ, B.S., 1945  
 FREDERICK DOUGLAS DALLENBACH,  
 A.B., 1945  
 RAYMOND WILLIAM DASSO, B.S., 1945  
 RAYMOND LOUIS DELFAVA, B.S., 1945  
 THOMAS CHARLES DEVLIN, B.S., 1945  
 JOHN EDWARD DRISCOLL, B.S., 1945  
 HARVARD ELLMAN, B.S., 1945  
 JOHN LAURANCE FALLS, B.S., 1946;  
 with Honors  
 WILLIAM STANFORD FOULTZ  
 JACK WEISS GAINES, A.B., B.S., 1945  
 PAUL JULIUS GETHNER, B.S., 1945  
 EDWARD MICHAEL GOLDBERG, B.S., 1945  
 MELVIN ASHER GOLDBERG, B.S., 1945;  
 with Honors  
 SIDNEY MORTON GOLDMAN, B.S., 1945  
 SIDNEY RICHARD GOLDSTONE, B.S.,  
 1945; with Honors  
 IRVING GREENSPAN, B.S., 1945  
 PAUL FREDERICK GRICE, B.S., 1946  
 THOMAS LOVELL GRIFFITH, B.S., 1945  
 VERNON LAMARR GUYNN, B.S., 1945;  
 with Honors  
 JOHN RAYMOND HARRIE, B.S., Univer-  
 sity of North Dakota, 1945  
 DEAN ALDEN HAUTER, B.S., 1945  
 EMMETT McDONALD HERRING, JR., B.S.,  
 Mississippi State College, 1943  
 JOHN MCLEOD HEWITT, B.S., Univer-  
 sity of North Dakota, 1945  
 EDWIN ORVILLE HIEB, A.B., B.S.,  
 University of North Dakota,  
 1944, 1945  
 THOMAS JEFFERSON HOBAN, JR., B.S.,  
 University of Notre Dame, 1947;  
 with Honors  
 MARTIN HOCHHAUSER, A.B., B.S., 1945  
 WALTER INDECK, A.B., B.S., 1945  
 PATRICK LEON ISRAEL, B.S., 1945  
 FRANCIS WHEATLEY JEFFORDS, B.S.,  
 1945  
 RICHARD MARVIN JOHNSON, A.B.,  
 St. Olaf College, 1945  
 WILLIAM HARRISON JOHNSTON, A.B.,  
 Augustana College, 1944; B.S.,  
 University of South Dakota, 1945  
 HARLEY DANIEL JONES, JR.  
 ELMER ROLFE KADISON, B.S., 1945  
 JEAN PHILLIP KARR, B.S., 1945  
 GENE BERT KAUFMAN, B.S., 1945; with  
 Honors  
 JEANNE EMILY KEHOE, A.B., B.S.,  
 1945, 1946  
 SIDNEY BEEMER KERN, B.S., 1945  
 JAMES PATRICK KIELY, B.S., 1945  
 JOSEPH MICHAEL KIELY, B.S., 1945;  
 with Honors  
 BEN ARTHUR KINSMAN, B.S., 1945  
 RICHARD ADOLPH KOESTERER, B.S., 1945  
 CONRAD JAMES KRAFFT, B.S., Univer-  
 sity of Texas, 1943  
 WILLIAM JAMES KRAUSER, B.S., 1945  
 PETER FELIX LANSING, B.S., 1945  
 ROGER KEITH LARSON  
 ROBERT CHARLES LEBOW, B.S., 1945  
 BURTON DAVID LEVIN, B.S., 1945;  
 with Honors  
 LAWRENCE LEVINE, B.S., 1945  
 WILBERT LIEBLING, B.S., 1945  
 DONALD GENE LINDSAY, B.S., 1945;  
 with Honors  
 JAMES WILLIAM LINMAN, B.S., 1945;  
 with High Honors  
 CLIFFORD LESLIE LORENTZEN, A.B., B.S.,  
 University of North Dakota,  
 1944, 1945  
 JOHN ALAN LOWE, B.S., Washburn  
 Municipal University, 1945; with  
 Honors  
 FRANK THOMAS MAHER, B.S., M.S.,  
 Ph.D., 1937, 1938, 1941; with  
 High Honors  
 ROBERT ANTHONY MARKELZ, B.S., 1945;  
 with Honors  
 JACK MARVIN MARKOVITZ, A.B., 1945  
 PETER STEWART MAYER, A.B., B.S.,  
 1945  
 WARREN JUNIOR MCKINSTRY, B.Ed.,  
 Northern Illinois State Teachers  
 College, 1943

- JOHN HARRIS McNEIL, B.S., University of North Dakota, 1945  
 MARSHALL ALLAN MINNER, B.S., 1945  
 EDWARD MISSAVAGE, JR., B.S., 1945  
 CARL HAROLD MOBERG, A.B., B.S., 1945  
 ROBERT DEAN MORGAN, B.S., 1945  
 DIMITRY MORKOVIN, B.S., M.B.A., B.S., University of Southern California, 1934, 1935, 1937; Ph.D., 1944; with Honors  
 ARNO GUNTHER MOTULSKY, B.S., 1945; with High Honors  
 JOHN ARTHUR MOYER, B.S., North Dakota Agricultural College, 1944  
 WILLIAM PARRY MURPHY, JR.  
 JAMES DEGREEF NELSON, A.B., Augustana College, 1944  
 LAWRENCE FRANK NELSON, B.S., Beloit College, 1942  
 JOHN HENRY NOBLE, B.S., 1945  
 LELAND EUGENE NOLL, B.S., 1945  
 STEVENS THOMPSON NORVELL, JR., B.S., 1945; with Honors  
 PHILIP ARTHUR OLSON, A.B., B.S., University of North Dakota, 1944, 1945  
 JOHN VINCENT OSBORNE  
 RALPH PACINI, JR., B.S., 1945  
 FRANK PAUL PALOUCEK, A.B., B.S., 1945  
 JOHN HAYDEN PATTERSON, B.S., 1945  
 WALTER HOWARD PINKUS, A.B., B.S., 1945  
 PAUL PIPIK  
 G. NADENE HOLOFFE PRACYK, B.S., 1945  
 EDWIN RUSH PRIEST, B.S., 1945; with Honors  
 LLOYD WARREN RAVLIN  
 ROBERT ALLEN REID, A.B., B.S., 1945  
 PEARL INICE REIFFEL, B.S., 1945; with Honors  
 DANA FOSTER RICHARDS, B.S., 1945  
 MARY ROBINSON RICHARDS, B.S., Purdue University, 1944; with High Honors  
 LEIGH MILTON ROBERTS, B.S., 1945  
 JAMES DALEY ROORDA  
 ROBERT THEODORE ROTTSCHAEFER, B.S., 1945  
 HOWARD BRUNO RUSSMAN, B.S., 1945  
 RICHARD ALFONSO SAAVEDRA, B.S., 1945  
 LEONARD ARTHUR SARNAT, B.S., 1945; with Honors  
 ARNE EVERETT SCHAIRER, A.B., B.S., 1945  
 RICHARD EDGAR SCHEEL, A.B., Wheaton College, 1945  
 ROBERT DANIEL SCHOREGGE, A.B., Carleton College, 1944; B.S., University of North Dakota, 1945  
 GERHARD WILLIAM SCHOTTMAN, JR., A.B., Valparaiso University, 1944; B.S., 1945  
 CARL WILLIAM FREDERICK SCHROEDER, B.S., 1945  
 MELVIN LOUIS SCHWARTZ, B.S., 1945; with Honors  
 IRVIN LeROY SCHWEITZER, B.S., 1945  
 FREDERICK ALBERT SHANNON, A.B., 1943  
 ISAIAH ANATOLE SHARE, B.S., 1945  
 GEORGE JOSEPH SHIMKUS, A.B., North Central College, 1945; B.S., 1945  
 LESTER DALE SHOOK, B.S., Jamestown College, 1942; A.B., B.S., University of North Dakota, 1944, 1945  
 ROBERT LOUIS SIMONS, B.S., 1945  
 MAX SIDNEY SMALL, A.B., B.S., 1945; with Honors  
 BEN ISADORE SMALLER, B.S., 1939  
 HENRY PAUL STAUB, A.B., Augsburg College, 1943; B.S., University of North Dakota, 1945  
 HARRY STERLING, A.B., 1945  
 GEORGE MARVIN STERN, A.B., 1945  
 EMMA RUTH HORNER STEVENS, A.B., DePauw University, 1943  
 EDWARD ANDREW STIKA, with Honors  
 WILLIAM LOUIS STRECKER, B.S., 1945  
 ALFRED BERTIL SWANSON, B.S., 1945  
 FREDERICK JAMES SWARTZENDRUBER, A.B., Goshen College, 1944  
 MARTIN ABRAHAM SWERDLOW, B.S., 1945; with Honors  
 DOROTHY TATTER, B.S., Rosary College, 1943  
 PHILIP HALLENBECK TENNEY  
 RAY EUGENE THOMPSON, JR., B.S., 1945  
 WILLIAM ALEXANDER TOMPKINS, A.B., B.S., University of North Dakota, 1944, 1945  
 WILLIAM SAMUEL TREIGER  
 RAYMOND ALDEN VAALER, B.S., University of North Dakota, 1945  
 CHARLES MICHAEL VAN DUYN, B.S., 1945  
 DONALD HARRISON VICTOR, B.S., 1945  
 ROBERT CARLTON WEISS, B.S., 1945  
 DAVID GEORGE WILBUR, B.S., 1945  
 DONALD F. WILLIAMS, B.S., 1945  
 BERNARD DAVID ZALEZNAK, A.B., B.S., 1945  
 THEODORE WINTER ZWEMER, B.S., 1945



## GRADUATE SCHOOL

## Degree of Master of Science

*(Conferred September 21, 1946)**In Surgery*

JAMES DEMETRIOS MAJARAKIS, B.S., M.D., University of Chicago, 1937, 1940

*(Conferred December 21, 1946)**In Orthodontia*

WALTER NATHAN EPSTEIN, B.S., Massachusetts State College, 1938; D.D.S., Washington University, 1943

JAMES SAMUEL GOLD, B.S., University of Chicago, 1937; D.D.S., 1942

ROBERT BERKLEY HEDGES, D.D.S., Temple University, 1943

*(Conferred March 28, 1947)**In Bacteriology*

THELMA FLANDERS, B.S., University of Chicago, 1945

*In Chemistry*

GERSHON LEO HELLER, B.S., 1943

*In Obstetrics and Gynecology*

GEORGE MANSELL WILCOXON, B.S., Mount Union College, 1927; M.D., University of Chicago, 1935

*In Surgery*

ERNEST GIRALDI, M.D., Loyola University, 1938

*(Conferred June 20, 1947)**In Bacteriology*

LENORA STALLINGS, B.S., Texas State College for Women, 1938

*In Biological Chemistry*

SHELDON DRAY, B.S., University of Chicago, 1941; M.D., 1946

*In Chemistry*

NAOMI GLORIA BROWN, B.S., 1945

*In Dental Histology*

MERRILL JAMES SHEPRO, B.S., D.D.S., 1944, 1945

*In Pharmacology*

BETTY LUCILLE BERTCHER, B.S., St. Xavier College for Women, 1945

*In Physiology*

BURDICK GREEN CLARKE, A.B., Harvard College, 1938; M.D., Harvard University, 1942

HAROLD GOLDBERG, B.S., 1945

KAO HWANG, B.M., Hsiang Ya Medical College (Chungking, China), 1940

*In Psychiatry*

SOL ALTSCHUL, B.S., M.D., 1943, 1946

*In Surgery*

JAMES VINCENT OLIVER, M.D., 1928

CLAUDE RABERT SNEAD, A.B., B.S., West Virginia University, 1936, 1938; M.D., Northwestern University, 1941

**Degree of Doctor of Philosophy***(Conferred September 21, 1946)**In Anatomy*

WILLIAM JUNJI FURUTA, A.B., M.S., University of California, 1936, 1940

*(Conferred December 21, 1946)**In Bacteriology*

WILLIAM IRWIN METZGER, B.S., M.S., Purdue University, 1937, 1939

*(Conferred June 20, 1947)**In Bacteriology*

MURIEL HARDEN SVEC, A.B., M.S., University of Wisconsin, 1941, 1943

*In Biological Chemistry*

STANLEY WILLIAM HIER, B.S., College of the City of New York, 1939; M.S., University of Wisconsin, 1940

**TRAINING OF TEACHERS OF AGRICULTURE***(For action of the Board, see page 388.)***EXHIBIT A****EXCERPT FROM***University of Illinois Board of Trustees Fortieth Report, 1938-1940*

October 20, 1939, pages 642-644

(31) Although the necessary approval of the Federal Office of Education and the State Board for Vocational Agriculture has not yet been secured, one of the five State Normal Schools in Illinois has, in the following words, announced its intention of establishing a curriculum in agriculture: "At latest by the end of the year all State and Federal requirements will be met with specialization in the following fields: . . . agronomy, horticulture, dairy, animal husbandry, agricultural economics, agricultural engineering." A mimeographed summary of steps taken in this direction further states: "A complete offering, the equivalent of any first-class college of agriculture, will be available to meet all State and Federal requirements."

Another Illinois Normal School has recently indicated its intention to establish courses in agriculture that will meet State and Federal requirements for Smith-Hughes teachers. The president of a third Normal School is reported to have said, in effect, that he did not favor this type of duplication of University work and facilities, but if other Normal Schools established such training in agriculture he would be compelled to do likewise. It is obvious that once such a practice is established in any of the State Normal Schools it may be extended to include all five Normal Schools.

Leading students of education have clearly pointed out the costly dangers involved in such competitive activity. In many cases the institutions enter new fields as the result of outside pressure groups, such as alumni associations and chambers of commerce, which insist that the particular school should equal or excel every other school in every field of study. This has resulted in much duplication of effort and unwarranted expenditure of money. One of the best examples is the development of forestry schools in the United States. During recent years more men, well-trained in forestry, have been graduated from these schools than could be absorbed by the industry, and yet the establishment of more forestry schools goes on at public expense. Obviously, State and National economy will soon demand drastic action in regard to this problem. An effective analysis and discussion of the policy and the expensive futility of duplication in program and facilities may be found under the title of "Cooperation and Coordination in Higher Education" in the Studies of the American Council on Education, Series I, Volume II, Number 5, April, 1938.

Those responsible for teacher training in agriculture at the University of Illinois believe, notwithstanding the fact that not all available Federal funds have

been used, that teacher training in agriculture in Illinois has been expanded as rapidly as is wise. It must not be overlooked that each dollar of Federal vocational funds must be matched by another dollar from the State.

At present only about fifty new teachers in Smith-Hughes agriculture are needed annually for replacement and for manning new departments of agriculture in Illinois high schools. One hundred fourteen seniors in the University of Illinois College of Agriculture have applied for practice teaching during 1939-1940, and their present course of study, if completed satisfactorily, will qualify all of them for Smith-Hughes positions. The University of Illinois is, therefore, training ample numbers of Smith-Hughes teachers to meet all present and prospective needs in this State.

If the Normal Schools in Illinois enter this field, it is certain that the annual expenditure for agricultural education will be tremendously increased in Illinois and the average quality of training will be lowered unless the State be willing to expend large sums for essential equipment and facilities not now available at these schools. In past years the requests from other States for Illinois-trained Smith-Hughes teachers and the increase of Smith-Hughes high school units in our own State created an abnormal demand for teachers. This is rapidly diminishing. There is now positively no excuse for training greater numbers of Smith-Hughes teachers in Illinois. Increasing the quality of training can always be justified. Lowering the average quality of the training of our Smith-Hughes teachers by accepting men from schools where the staff for teaching vocational agriculture must be limited and where the equipment and scientific program are materially below that available at the University, not only lowers the dignity of the teaching profession, but robs the coming generations of Smith-Hughes students of their rightful educational opportunity. The University of Illinois College of Agriculture has been building up the quality and number of its staff and its equipment over a long period of time and at great expense to the State. Also the staff and equipment of the Illinois Agricultural Experiment Station and the Agricultural Extension Service materially increase the opportunities for superior training in agriculture at the University of Illinois. Teachers need as good subject-matter training as other workers in agricultural fields.

A college located within a great university with a number of professional curricula, as well as liberal arts courses, accords its students a great variety of educational disciplines and provides a better background for vocational guidance, a problem with which Smith-Hughes teachers have to contend.

Training teachers of vocational agriculture in the Land-Grant College will tend to promote cooperation between them and members of the Extension Service, which is necessary for the most effective contributions of both agencies in the community.

Existing facilities at the University are amply sufficient to meet the demand for Smith-Hughes teachers, and there seems no justification for increased expenditures of State or Federal funds in this field. If increased expenditures for education in agriculture are warranted, it may be shown that there is greater need for money in fields other than Smith-Hughes teacher training. For example, there are only about half as many practicing veterinarians in Illinois as there were twenty years ago. This decrease has resulted from lack of replacements coming into the profession in this State, and has been due largely to inability of qualified graduates of Illinois high schools to secure admittance to colleges of veterinary medicine in other States. Careful study of the veterinary situation in Illinois shows the need for some remedial action, but those who have been most concerned with the problem believe that it is desirable to consider the possibility of regionalization of veterinary colleges before asking for appropriations to increase the number of State schools in this field.

In these critical times, when the States and the Federal government are struggling with serious budgetary problems, those of us who are in educational work, as well as responsible persons in the public service, should cooperate without stint with officials who face the serious task of carrying on essential governmental activities without further increasing the tax burden. We can best do this by scanning closely every new educational program involving the expenditure of public funds, and scrupulously avoiding duplication of efforts and facilities where obviously, as in the case at hand, the public interest cannot possibly be served by such duplication.

On motion of Mr. Cleary, the President of the University was requested to send to the Governor and to the members of the State Board for Vocational Agriculture a statement of the Fact that the Board of Trustees considers this proposed expansion an unnecessary duplication of educational offerings which is most undesirable from a standpoint of public policy.

#### EXHIBIT B

##### SOME REASONS FOR CONTINUING THE UNIVERSITY OF ILLINOIS AS THE ONE INSTITUTION IN ILLINOIS FOR QUALIFYING TEACHERS OF VOCATIONAL AGRICULTURE<sup>1</sup>

1. The arrangement for training teachers of vocational agriculture for Illinois has operated successfully.

(a) From 1918 to 1947 the number of teachers of vocational agriculture in Illinois has increased from 15 to 409 and the number of schools teaching vocational agriculture has increased from 15 to 419. In addition, approximately 300 special teachers of farm veterans are now employed in connection with the Illinois program of vocational education in agriculture. There have, at times, been shortages of teachers but there have also been periods when more than enough teachers were being trained.

(b) During the period from September 1, 1945, to August 31, 1946, 139 new teachers of vocational agriculture were added in Illinois, probably the largest number of new teachers added in any state during that period. In the current year (1946-1947) approximately 60 new teachers will be qualified, almost enough and possibly quite enough to fill all vacancies in the state for the school year, 1947-1948. While there has been a shortage of teachers of vocational agriculture due to the war, in Illinois as in every other state, no long-time shortage of these teachers is in prospect. Institutions approved now for teacher-training could not get into efficient operation before the shortage will be eliminated. We should not let a temporary difficulty lead us to establishing a permanent system which will lead to permanent difficulties. If there had been a persistent shortage of teachers of vocational agriculture in Illinois, it would be expected that teachers would have been attracted from other states. Approximately 7 per cent of the Illinois teachers in 1946-1947 had received their training for teaching in other states before entering the teaching of vocational agriculture in Illinois.

(c) Approximately 40 per cent of the graduates of the College of Agriculture of the University of Illinois qualify for the teaching of vocational agriculture. This is probably the highest percentage in any of the larger colleges of agriculture.

(d) The quality of the students preparing for the teaching of vocational agriculture is somewhat above the average of the students as a whole in the College of Agriculture of the University of Illinois.

(e) The University of Illinois has given strong support to the training of teachers of vocational agriculture. Since 1938 the full-time teacher-training staff has been increased from two to six, and two more positions are provided in the budget for 1947-1949. In recent years the University has been increasing its expenditures for teacher-training without consideration of the possibility of receiving additional federal funds for teacher-training.

(f) The teacher-training staff of the University of Illinois has maintained a close liaison with the Agricultural Education Staff of the State Board of Vocational Education. It will be much harder to maintain close relationships between administration and teacher-training if there are several teacher-training institutions.

(g) Because teacher-training has been done in connection with the College of Agriculture of the University, close relationships have been maintained with other agricultural and agricultural education agencies in the State. If teachers are trained in other institutions, the harmonious relationships among agricultural and agricultural education groups may disintegrate.

2. Adding teacher-training institutions increases costs and decreases efficiency.

(a) If Illinois State Normal University is approved for teacher-training, it can be expected that Southern Illinois Normal University and Western Illinois State Teachers College will also be approved. There are better arguments for approving them than for approving Illinois State Normal University, particularly

<sup>1</sup> Statement by H. M. Hamlin, Professor of Agricultural Education, University of Illinois.

because Illinois State Normal University is only 50 miles from the University of Illinois while the other institutions are 145 to 200 miles from the University of Illinois.

(b) The facilities of the College of Agriculture of the University of Illinois could be duplicated at the other institutions only at enormous and unjustified expense. To provide facilities at the other institutions appreciably poorer than those at the University would be to lower materially the quality of teacher-training.

(c) Adding other teacher-training institutions would lead almost immediately to a surplus of teachers of vocational agriculture and a reduction of teachers' salaries. It could be expected that in a few years the salaries of teachers of vocational agriculture would be so low that only inferior persons could be attracted into the field.

3. A legislative commission which surveyed Illinois institutions of higher education in 1943 recommended strongly against the approval of additional institutions for preparing teachers of vocational agriculture. The professional staff of the Commission was headed by Dr. George A. Works, who spent much of his professional life in the field of agricultural education. The special study of teacher-training in agriculture was made by Dr. C. B. Gentry, Vice-President of the University of Connecticut, whose teaching experience has been divided between a teachers' college and a land-grant university.

4. A satisfactory arrangement for transferring students from two teachers' colleges to the University is now in effect. Working with the officials of Southern Illinois Normal University and Western Illinois State Teachers College, University officials have developed satisfactory working arrangements whereby students spend two years at these institutions and then transfer to the University, where they may qualify as teachers of vocational agriculture without loss of time. The officials of Illinois State Normal University have been interested instead in retaining their students for four years. The University of Illinois is probably the most liberal land-grant college in the United States in accepting credits from teachers' colleges and applying them toward graduation from an agricultural curriculum. A minimum of only 35 semester hours is required to be taken at the University if the student has completed at another institution the subjects he may take there.

## EXHIBIT C

### EXCERPTS FROM

*Report of the Commission to Survey Higher Educational Facilities in Illinois*  
January, 1945, pages 15, 37-38

The University of Illinois should have responsibility for the State's teacher-education work in agriculture. The State Board for Vocational Education should approve no institution in the State, other than the University of Illinois, for the preparation of teachers of vocational agriculture. None of the State Teachers Colleges should attempt to provide more than two years of education for teachers of vocational agriculture.

Reference was made above to the need for over-all coordination of the activities of the State's institutions which prepare teachers, and for proper allocation of certain functions among the institutions. An illustration of undesirable duplication due to lack of effective coordination is furnished by the situation in agricultural education. The University of Illinois is the only institution in the State that has received acceptance by the United States Office of Education for the preparation of teachers of vocational agriculture. The evidence indicates that the entire demand in the State for teachers of vocational agriculture can be met by the University. Nevertheless, Illinois State Normal University has developed a four-year program for the preparation of teachers in this field, and two other Teachers Colleges, Western Illinois State Teachers College and Southern Illinois Normal University, offer three years of a four-year program. Students preparing for the teaching of vocational agriculture at a State Teachers College may qualify by completing their work at the University of Illinois. Illinois State Normal University has been seeking approval of its program, but such acceptance has not yet been granted by the United States Office of Education.

C. B. Gentry of the University of Connecticut made an appraisal of the agricultural education situation in the State for the Commission. His major recommendations are:

1. That the University of Illinois have responsibility for the undergraduate teacher-education work in agriculture;
2. That none of the Teachers Colleges should attempt to provide more than two years of education for teachers of vocational agriculture;
3. That the Teachers Colleges should continue to teach agriculture. Such work should be designed: (1) as introductory work in the field of agriculture for prospective vocational agriculture teachers who plan to transfer to the University to complete their education; (2) to provide education for non-vocational agriculture teachers; (3) to meet the needs of rural school teachers; (4) to provide illustrative material for teachers of subjects such as biology, chemistry, physics, geology, and social studies;
4. That an adequate offering of terminal education should be provided in such centers as the Teachers Colleges to meet the needs of their former clientele on a regional basis. For the most part this would be a terminal two-year or shorter program. Those who need a more extensive program than the Teachers Colleges offer should transfer to the University College of Agriculture;
5. That teaching personnel, laboratory, and other facilities at the Teachers Colleges should be brought into line with the objectives outlined above for the teaching of agriculture. In some Teachers Colleges this would mean a reduction of staff and facilities, while in others, additional staff and facilities might be needed. (The addition of such facilities in those institutions where they are not now available would provide for a regional service of the type discussed earlier in this chapter. It should be emphasized that this additional service should be provided only after adequate provision has been made for the primary function of the Teachers Colleges. This, as was pointed out above, is the preparation of elementary and high-school teachers.)
6. That the State Board for Vocational Education approve no institution in the State, other than the University of Illinois, for the preparation of teachers of vocational agriculture.

#### SUMMER SESSION SALARIES BUDGET

(Approved by the Board, page 391)

##### URBANA DEPARTMENTS

##### Aeronautical Engineering

|   | Salary   |
|---|----------|
| 1. H. S. Stillwell, Professor and Head of Department ( $\frac{1}{2}$ time, First 8 weeks) ..... | \$ 542   |
| 2. R. W. McCloy, Associate Professor ( $\frac{3}{4}$ time, 16 weeks) ....                       | 1 125    |
| 3. M. Z. Krzywoblocki, Associate Professor ( $\frac{3}{4}$ time, First 8 weeks) .....           | 525      |
| 4. F. R. Steinbacher, Associate Professor (16 weeks) .....                                      | 1 600    |
| 5. A. F. Johnson, Assistant Professor (First 8 weeks) .....                                     | 584      |
| 6. A. I. Ormsbee, Instructor ( $\frac{3}{4}$ time, 16 weeks) .....                              | 840      |
|   | \$ 5 216 |

##### Agricultural Economics

|  |       |
|--|-------|
| 1. P. E. Johnston, Professor (June 9 through July 5) .....                   | 450   |
| 2. J. E. Wills, Associate Professor ( $\frac{1}{2}$ time, Second 8 weeks) .. | 375   |
| 3. R. J. Mutti, Assistant Professor ( $\frac{3}{4}$ time, Second 8 weeks) .. | 469   |
| 4. W. N. Thompson, Instructor ( $\frac{3}{4}$ time, First 8 weeks) .....     | 413   |
| 5. C. M. Hardin, Visiting Lecturer (July 7 to August 2) .....                | 577   |
|  | 2 284 |

##### Agricultural Engineering

|   |       |
|---|-------|
| 1. E. W. Lehmann, Professor and Head of Department (June 9 to July 19) .....    | 875   |
| 2. R. I. Shawl, Professor ( $\frac{3}{4}$ time, Second 8 weeks) .....           | 625   |
| 3. D. G. Carter, Professor (July 7 to August 2) .....                           | 542   |
| 4. A. L. Young, Associate Professor ( $\frac{3}{4}$ time, June 9 to July 19) .. | 385   |
| 5. J. H. Ramser, Associate ( $\frac{1}{2}$ time, First 8 weeks) .....           | 250   |
|   | 2 677 |

**Agronomy***Salary*

|   |     |       |
|---|-----|-------|
| 1. F. C. Bauer, Professor ( $\frac{3}{8}$ time, First 8 weeks).....                   | 407 |       |
| 2. D. C. Wimer, Professor ( $\frac{13}{16}$ time, First 8 weeks).....                 | 650 |       |
| 3. F. H. Crane, Associate Professor ( $\frac{13}{16}$ time, Second 8 weeks).....      | 569 |       |
| 4. R. F. Fuelleman, Associate Professor ( $\frac{1}{2}$ time, June 9 to July 19)..... | 288 |       |
| 5. W. E. Kennedy, Assistant ( $\frac{3}{8}$ time, First 8 weeks).....                 | 344 |       |
| 6. S. W. Melsted, First Assistant ( $\frac{3}{4}$ time, June 9 to July 5) ..          | 219 | 2 477 |

**Animal Husbandry**

|   |     |       |
|---|-----|-------|
| 1. Sleeter Bull, Professor ( $\frac{1}{2}$ time, First 8 weeks).....                | 450 |       |
| 2. T. S. Hamilton, Professor ( $\frac{1}{2}$ time, First 8 weeks).....              | 500 |       |
| 3. J. L. Krider, Associate Professor ( $\frac{1}{2}$ time, Second 8 weeks)          | 459 |       |
| 4. A. V. Nalbandov, Assistant Professor ( $\frac{1}{2}$ time, Second 8 weeks) ..... | 355 |       |
| 5. H. W. Bean, Assistant Professor ( $\frac{1}{2}$ time, First 8 weeks)...          | 334 | 2 098 |

**Architecture**

|  |       |        |
|--|-------|--------|
| 1. C. E. Palmer, Professor ( $\frac{1}{2}$ time, First 8 weeks).....   | 575   |        |
| 2. N. D. Morgan, Professor (16 weeks).....                             | I 707 |        |
| 3. F. M. Lescher, Professor (16 weeks).....                            | I 700 |        |
| 4. A. K. Laing, Professor (16 weeks).....                              | I 700 |        |
| 5. E. I. Love, Professor (First 8 weeks).....                          | 867   |        |
| 6. O. S. Fjelde, Associate Professor (First 8 weeks).....              | 792   |        |
| 7. J. E. Branch, Associate Professor (16 weeks).....                   | I 417 |        |
| 8. G. S. Keith, Associate Professor (Second 8 weeks).....              | 792   |        |
| 9. D. B. Lindsay, Assistant Professor (First 8 weeks).....             | 667   |        |
| 10. F. W. Salogga, Assistant Professor (First 8 weeks).....            | 642   |        |
| 11. A. R. Williams, Assistant Professor (Second 8 weeks).....          | 642   |        |
| 12. R. M. Line, Assistant Professor (Second 8 weeks).....              | 642   |        |
| 13. G. A. Phillips, Instructor (First 8 weeks).....                    | 590   |        |
| 14. J. M. Barrow, Instructor (Second 8 weeks).....                     | 640   |        |
| 15. J. B. Wallace, Instructor ( $\frac{1}{2}$ time, 16 weeks).....     | 560   |        |
| 16. M. S. Altay, Instructor (16 weeks).....                            | I 120 |        |
| 17. J. S. Baker, Instructor (Second 8 weeks).....                      | 560   |        |
| 18. P. C. Brandt, Assistant ( $\frac{1}{2}$ time, 16 weeks).....       | 550   |        |
| 19. W. B. Sayre, Assistant ( $\frac{1}{2}$ time, 16 weeks).....        | 550   |        |
| 20. W. C. Muchow, Assistant ( $\frac{1}{2}$ time, 16 weeks).....       | 550   |        |
| 21. C. H. Barcus, Assistant ( $\frac{1}{2}$ time, 16 weeks).....       | 550   |        |
| 22. G. M. Clark, Assistant ( $\frac{1}{2}$ time, 16 weeks).....        | 550   |        |
| 23. W. E. Benson, Assistant ( $\frac{1}{2}$ time, Second 8 weeks)..... | 275   |        |
| 24. D. R. Knorr, Assistant (Second 8 weeks).....                       | 550   | 19 248 |

**Art**

|  |       |  |
|--|-------|--|
| 1. F. J. Roos, Jr., Professor and Head of Department (First 8 weeks) ..... | I 084 |  |
| 2. C. V. Donovan, Professor (First 8 weeks).....                           | 850   |  |
| 3. J. W. Kennedy, Assistant Professor (First 8 weeks).....                 | 634   |  |
| 4. H. A. Schultz, Assistant Professor (First 8 weeks).....                 | 650   |  |
| 5. W. F. Doolittle, Assistant Professor (Second 8 weeks).....              | 650   |  |
| 6. J. D. Hogan, Assistant Professor (First 8 weeks).....                   | 634   |  |
| 7. J. R. Shipley, Assistant Professor (Second 8 weeks).....                | 634   |  |
| 8. R. E. Hult, Assistant Professor (Second 8 weeks).....                   | 617   |  |
| 9. M. B. Martin, Assistant Professor (First 8 weeks).....                  | 617   |  |
| 10. R. L. Drummond, Assistant Professor (Second 8 weeks)...                | 584   |  |
| 11. J. W. Raushenberger, Instructor (Second 8 weeks).....                  | 660   |  |
| 12. Nicholas Britsky, Instructor (Second 8 weeks).....                     | 620   |  |
| 13. Nicola V. Ziroli, Instructor (Second 8 weeks).....                     | 660   |  |

|  | <i>Salary</i> |        |
|--|---------------|--------|
| 14. G. N. Foster, Instructor (First 8 weeks).....              | 560           |        |
| 15. A. J. Pulos, Instructor (Second 8 weeks).....              | 580           |        |
| 16. Kathleen K. Post, Assistant (First 8 weeks).....           | 550           |        |
| 17. C. W. Briggs, Assistant (First 8 weeks).....               | 550           |        |
| 18. M. A. Sprague, Assistant (Second 8 weeks).....             | 550           |        |
| 19. J. W. Crist, Assistant (Second 8 weeks).....               | 550           |        |
| 20. John W. Erickson, Assistant (First 8 weeks).....           | 550           |        |
| 21. Marian E. Sautter, Visiting Lecturer (Second 8 weeks)..... | 617           |        |
| 22. R. E. Eckerstrom, Visiting Lecturer (First 8 weeks).....   | 560           | 13 961 |

**Astronomy**

|  |     |     |
|--|-----|-----|
| 1. Elaine V. Nantkes, Assistant (First 8 weeks)..... | 550 | 550 |
|--|-----|-----|

**Bacteriology**

|  |       |       |
|--|-------|-------|
| 1. G. I. Wallace, Associate Professor (16 weeks).....      | I 500 |       |
| 2. F. M. Clark, Associate Professor (First 8 weeks).....   | 700   |       |
| 3. C. M. Wilson, Assistant Professor (16 weeks).....       | I 167 |       |
| 4. T. G. Pridham, Assistant (16 weeks).....                | I 100 |       |
| 5. R. A. Altenbern, Assistant (½ time, First 8 weeks)..... | 275   |       |
| 6. W. F. De Lorenzo, Assistant (½ time, 16 weeks).....     | 550   | 5 292 |

**Botany**

|   |       |       |
|---|-------|-------|
| 1. N. E. Stevens, Professor and Head of Department (Second 8 weeks) ..... | I 200 |       |
| 2. Oswald Tippo, Assistant Professor (¾ time, 16 weeks).....              | I 000 |       |
| 3. Leland Shanor, Assistant Professor (¾ time, 16 weeks)....              | 875   |       |
| 4. V. J. Miller, Assistant (5/12 time, 16 weeks).....                     | 459   |       |
| 5. Mrs. Jean F. LaMon, Assistant (5/12 time, 16 weeks).....               | 459   |       |
| 6. S. F. Glassman, Assistant (5/12 time, First 8 weeks).....              | 230   |       |
| 7. John W. Hall, Assistant (5/12 time, 16 weeks).....                     | 459   |       |
| 8. Marjorie A. Pryor, Assistant (½ time, First 8 weeks).....              | 184   |       |
| 9. Adrian W. Poitras, Assistant (11/24 time, 16 weeks).....               | 505   |       |
| 10. Mrs. Janet L. C. Rapp, Assistant (5/12 time, 16 weeks)....            | 459   |       |
| 11. Mrs. Dorothy J. Riddle, Assistant (½ time, First 8 weeks)..           | 184   |       |
| 12. W. G. Gambill, Jr., Visiting Lecturer (First 8 weeks).....            | 600   | 6 614 |

**Business Organization and Operation**

|  |       |  |
|--|-------|--|
| 1. H. T. Scovill, Professor and Head of Department (½ time, Second 8 weeks)..... | 600   |  |
| 2. E. J. Filbey, Professor (First 8 weeks).....                                  | I 084 |  |
| 3. P. D. Converse, Professor (¾ time, First 8 weeks).....                        | 782   |  |
| 4. A. C. Littleton, Professor (First 8 weeks).....                               | I 017 |  |
| 5. C. F. Schlatter, Professor (First 8 weeks).....                               | I 000 |  |
| 6. Mrs. Alta G. Saunders, Professor (½ time, First 8 weeks)..                    | 459   |  |
| 7. E. R. Dillavou, Professor (¾ time, 16 weeks).....                             | I 500 |  |
| 8. H. H. Baily, Professor (16 weeks).....  | I 900 |  |
| 9. E. L. Theiss, Associate Professor (Second 8 weeks).....                       | 834   |  |
| 10. F. H. Beach, Associate Professor (Second 8 weeks).....                       | 917   |  |
| 11. H. W. Huegy, Associate Professor (Second 8 weeks).....                       | 917   |  |
| 12. D. M. Beights, Associate Professor (First 8 weeks).....                      | 900   |  |
| 13. H. L. Newcomer, Associate Professor (First 8 weeks).....                     | 850   |  |
| 14. M. J. Mandeville, Assistant Professor (¾ time, 16 weeks)..                   | I 342 |  |
| 15. C. C. Curtis, Assistant Professor (First 8 weeks).....                       | 650   |  |
| 16. C. A. Moyer, Assistant Professor (16 weeks).....                             | I 600 |  |
| 17. F. M. Jones, Assistant Professor (5/8 time, 16 weeks).....                   | 834   |  |
| 18. P. C. Roberts, Assistant Professor (First 8 weeks).....                      | 667   |  |
| 19. R. L. Boyd, Assistant Professor (16 weeks).....                              | I 334 |  |
| 20. W. E. Thomas, Assistant Professor (Second 8 weeks).....                      | 617   |  |



*Salary*

|   |       |
|---|-------|
| 21. C. J. Gaa, Assistant Professor (16 weeks).....                            | I 467 |
| 22. R. I. Dickey, Assistant Professor ( $\frac{3}{4}$ time, First 8 weeks) .. | 575   |
| 23. R. V. Mitchell, Assistant Professor (Second 8 weeks).....                 | 684   |
| 24. H. E. Breen, Assistant Professor (First 8 weeks).....                     | 584   |
| 25. N. D. Wakefield, Assistant Professor (16 weeks).....                      | I 167 |
| 26. J. M. Carrithers, Assistant Professor (16 weeks).....                     | I 167 |
| 27. D. J. Luck, Assistant Professor (First 8 weeks).....                      | 600   |
| 28. N. G. Bittermann, Associate ( $\frac{1}{2}$ time, First 8 weeks).....     | 309   |
| 29. Nugent Wedding, Instructor ( $\frac{3}{4}$ time, 16 weeks).....           | 863   |
| 30. Alfred Essock, Instructor ( $\frac{1}{2}$ time, First 8 weeks).....       | 280   |
| 31. Mary A. Sullivan, Instructor (16 weeks).....                              | I 100 |
| 32. G. G. Yankee, Instructor (16 weeks).....                                  | I 120 |
| 33. L. R. Huff, Instructor ( $\frac{1}{2}$ time, First 8 weeks).....          | 280   |
| 34. M. N. Broussard, Instructor (First 8 weeks).....                          | 600   |
| 35. J. O. Eaton, Assistant (First 8 weeks).....                               | 550   |
| 36. Mrs. Dorothy Litherland, Assistant (Second 8 weeks).....                  | 550   |
| 37. M. A. Binkley, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....        | 275   |
| 38. R. L. Stallings, Assistant (Second 8 weeks).....                          | 550   |
| 39. R. L. Brummet, Assistant (16 weeks).....                                  | I 100 |
| 40. G. E. Martin, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....         | 275   |
| 41. A. H. Asay, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                | 550   |
| 42. J. D. Senger, Assistant (16 weeks).....                                   | I 100 |
| 43. G. K. Nelson, Assistant ( $\frac{1}{2}$ time, Second 8 weeks).....        | 275   |
| 44. R. J. Teweles, Assistant ( $\frac{1}{2}$ time, 16 weeks).....             | 550   |
| 45. G. C. Tompkins, Assistant ( $\frac{1}{2}$ time, 16 weeks).....            | 550   |
| 46. P. L. Freter, Assistant ( $\frac{1}{2}$ time, 16 weeks).....              | 550   |
| 47. S. J. Cannariato, Assistant ( $\frac{3}{4}$ time, 16 weeks).....          | 825   |
| 48. R. W. Wilson, Assistant ( $\frac{1}{2}$ time, 16 weeks).....              | 550   |
| 49. A. E. Hurt, Assistant (16 weeks).....                                     | I 100 |
| 50. W. T. Davis, Assistant ( $\frac{1}{2}$ time, 16 weeks).....               | 550   |
| 51. R. J. Faletti, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....        | 275   |
| 52. Willa Frances Lane, Assistant (First 8 weeks).....                        | 550   |
| 53. L. K. Hays, Assistant ( $\frac{1}{2}$ time, Second 8 weeks).....          | 275   |
| 54. W. G. Kell, Assistant (16 weeks).....                                     | I 100 |
| 55. Mrs. Alice C. Kirkpatrick, Assistant (First 8 weeks).....                 | 550   |
| 56. W. O. Morris, Assistant (16 weeks).....                                   | I 100 |
| 57. Clinton Spivey, Assistant ( $\frac{3}{4}$ time, 16 weeks).....            | 825   |
| 58. J. F. Goodman, Assistant ( $\frac{1}{2}$ time, 16 weeks).....             | 550   |
| 59. C. L. Dunn, Assistant (First 8 weeks).....                                | 550   |
| 60. P. M. Carruthers, Assistant ( $\frac{1}{2}$ time, 16 weeks).....          | 550   |
| 61. D. J. Driscoll, Assistant ( $\frac{1}{2}$ time, 16 weeks).....            | 550   |
| 62. I. M. Slepicka, Jr., Assistant (First 8 weeks).....                       | 550   |
| 63. Lois I. Thompson, Assistant (16 weeks).....                               | I 100 |
| 64. F. D. Lewis, Assistant ( $\frac{1}{2}$ time, 16 weeks).....               | 550   |
| 65. J. F. Rarick, Assistant ( $\frac{1}{2}$ time, 16 weeks).....              | 550   |
| 66. C. M. White, Jr., Assistant ( $\frac{1}{2}$ time, 16 weeks).....          | 550   |
| 67. J. A. Howard, Assistant (First 8 weeks).....                              | 560   |

51 235

**Ceramic Engineering**

|   |       |
|---|-------|
| 1. A. I. Andrews, Professor and Head of Department ( $\frac{1}{2}$ time,<br>First 8 weeks)..... | 600   |
| 2. R. K. Hursh, Professor (Second 8 weeks).....   | I 000 |
| 3. R. L. Cook, Associate Professor (First 8 weeks).....   | 750   |
| 4. A. W. Allen, Assistant Professor (Second 8 weeks).....                                       | 650   |

3 000

**Chemistry**

|  |         |
|--|---------|
| 1. J. C. Bailar, Jr., Professor (First 8 weeks)..... | I 200   |
| 2. H. R. Snyder, Professor (16 weeks).....           | 417     |
| (To be paid by Organic Chemical Manufactures).....   | (I 250) |
| (Total Salary) .....                                 | (I 667) |

|   | <i>Salary</i> |
|---|---------------|
| 3. W. H. Rodebush, Professor (Second 8 weeks).....                                      | I 200         |
| 4. T. E. Phipps, Professor (First 8 weeks).....   | 917           |
| 5. F. T. Wall, Professor (Second 8 weeks).....  | I 000         |
| 6. H. E. Carter, Professor (First 8 weeks).....   | 834           |
| 7. D. T. Englis, Associate Professor (Second 8 weeks).....                              | 834           |
| 8. H. A. Laitinen, Associate Professor (First 8 weeks).....                             | 750           |
| 9. E. W. Comings, Associate Professor (First 8 weeks).....                              | 834           |
| 10. Therald Moeller, Associate Professor (16 weeks).....                                | I 367         |
| 11. C. S. Vestling, Assistant Professor (First 8 weeks).....                            | 667           |
| 12. H. G. Drickamer, Assistant Professor ( $\frac{1}{2}$ time, 16 weeks) ..             | 667           |
| 13. ....  | 667           |
| 14. D. R. Martin, Assistant Professor (16 weeks).....                                   | I 267         |
| 15. R. L. Frank, Assistant Professor (Second 8 weeks).....                              | 684           |
| 16. F. A. Miller, Associate (16 weeks).....   | I 200         |
| 17. N. J. Leonard, Associate (First 8 weeks).....                                       | 634           |
| 18. R. B. Fischer, Instructor (16 weeks).....   | I 200         |
| 19. Mark M. Woyski, Instructor (First 8 weeks).....                                     | 600           |
| 20. J. O. Hougen, Instructor (16 weeks).....  | I 200         |
| 21. L. S. Ciereszko, Instructor (16 weeks).....   | I 200         |
| 22. W. H. Jones, Instructor (Second 8 weeks).....                                       | 600           |
| 23. E. R. Alexander, Instructor (16 weeks).....   | I 200         |
| 24. L. E. Miller, Instructor (16 weeks).....  | I 200         |
| 25. B. F. Aycock, Jr., Instructor (First 8 weeks).....                                  | 600           |
| 26. R. M. Adams, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                         | 550           |
| 27. H. V. Anderson, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                      | 550           |
| 28. J. A. Byerly, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                        | 550           |
| 29. Edith Hartman, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                       | 550           |
| 30. L. F. Heneghan, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                      | 550           |
| 31. Robert Ronald, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....                  | 275           |
| 32. L. C. Smith, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                         | 550           |
| 33. R. H. Tennyson, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                      | 550           |
| 34. C. E. Shoemaker, Assistant ( $\frac{1}{4}$ time, 16 weeks).....                     | 275           |
| 35. R. J. Tull, Assistant ( $\frac{1}{4}$ time, First 8 weeks).....                     | 138           |
| 36. Helen S. Lewis, Assistant (First 8 weeks).....                                      | 550           |
| 37. N. H. Hamilton, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....                 | 275           |
| 38. Mrs. Margaret C. Cole, Assistant ( $\frac{1}{2}$ time, First 8 weeks) ..            | 275           |
| 39. Helen A. McGrath, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....               | 275           |
| 40. John H. Koehneke, Assistant ( $\frac{1}{4}$ time, First 8 weeks).....               | 138           |
| 41. William H. Poggemeier, Jr., Assistant ( $\frac{1}{4}$ time, First<br>8 weeks) ..... | 138           |
| 42. Frances W. Saunders, Assistant ( $\frac{1}{2}$ time, Second 8 weeks) ..             | 275           |
| 43. A. H. Anderegg, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                      | 550           |
| 44. R. E. Heckert, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                       | 550           |
| 45. J. H. Johnson, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                       | 550           |
| 46. W. H. Libby, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                         | 550           |
| 47. W. V. Ruyle, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                         | 550           |
| 48. R. R. Phillips, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                      | 550           |
| 49. Paul Hoch, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                           | 550           |
| 50. P. H. Aldrich, Assistant ( $\frac{1}{4}$ time, 16 weeks).....                       | 275           |
| 51. F. W. Blodgett, Assistant ( $\frac{1}{4}$ time, 16 weeks).....                      | 275           |
| 52. J. H. Boyer, Assistant ( $\frac{1}{4}$ time, 16 weeks).....                         | 275           |
| 53. J. H. Brewster, Assistant ( $\frac{1}{4}$ time, 16 weeks).....                      | 275           |
| 54. R. E. Koeppe, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....                   | 275           |
| 55. F. N. Baumgartner, Assistant ( $\frac{1}{4}$ time, First 8 weeks).....              | 138           |
| 56. R. P. Seven, Assistant ( $\frac{1}{4}$ time, First 8 weeks).....                    | 138           |
| 57. G. L. Shoemaker, Assistant ( $\frac{1}{4}$ time, First 8 weeks).....                | 138           |
| 58. H. L. Jackson, Assistant ( $\frac{1}{2}$ time, Second 8 weeks).....                 | 275           |
| 59. L. W. Burdett, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                       | 550           |
| 60. Elizabeth J. Foster, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                 | 550           |
| 61. J. S. Fritz, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                         | 550           |

|  | <i>Salary</i> |        |
|--|---------------|--------|
| 62. G. O. Guerrant, Assistant ( $\frac{1}{2}$ time, 16 weeks).....           | 550           |        |
| 63. M. H. Mueller, Assistant ( $\frac{1}{2}$ time, 16 weeks).....            | 550           |        |
| 64. J. E. Reinschreiber, Assistant ( $\frac{1}{2}$ time, Second 8 weeks).... | 275           |        |
| 65. S. H. Simonsen, Assistant ( $\frac{1}{2}$ time, 16 weeks).....           | 550           |        |
| 66. Frank Verbanac, Assistant ( $\frac{1}{2}$ time, 16 weeks).....           | 550           |        |
| 67. G. E. Wyld, Assistant ( $\frac{1}{2}$ time, 16 weeks).....               | 550           |        |
| 68. C. F. Sievert, Assistant ( $\frac{3}{4}$ time, First 8 weeks).....       | 413           |        |
| 69. D. G. Benjamin, Assistant ( $\frac{1}{2}$ time, 16 weeks).....           | 550           |        |
| 70. D. D. Kimpton, Assistant ( $\frac{1}{2}$ time, 16 weeks).....            | 550           |        |
| 71. Richard Cole, Assistant ( $\frac{1}{4}$ time, First 8 weeks).....        | 138           |        |
| 72. R. G. Inskeep, Assistant ( $\frac{1}{4}$ time, 16 weeks).....            | 275           |        |
| 73. E. W. Mellow, Assistant ( $\frac{1}{2}$ time, 16 weeks).....             | 550           |        |
| 74. N. C. Pierce, Assistant ( $\frac{1}{2}$ time, 16 weeks).....             | 550           |        |
| 75. J. L. Dewey, Assistant ( $\frac{1}{4}$ time, First 8 weeks).....         | 138           |        |
| 76. R. S. Sprague, Assistant ( $\frac{1}{2}$ time, 16 weeks).....            | 550           | 43 706 |

### Civil Engineering

|   |       |        |
|---|-------|--------|
| 1. W. C. Huntington, Professor and Head of Department<br>(First 8 weeks)..... | I 200 |        |
| 2. T. C. Shedd, Professor (16 weeks).....                                     | 2 400 |        |
| 3. Jamison Vawter, Professor (Second 8 weeks).....                            | I 000 |        |
| 4. H. E. Babbitt, Professor (16 weeks).....                                   | 2 167 |        |
| 5. J. G. Clark, Associate Professor (16 weeks).....                           | I 534 |        |
| 6. W. W. Hay, Associate Professor (16 weeks).....                             | I 500 |        |
| 7. W. A. Oliver, Associate Professor (First 8 weeks).....                     | 767   |        |
| 8. E. E. Bauer, Assistant Professor (16 weeks).....                           | I 300 |        |
| 9. Ellis Danner, Assistant Professor (16 weeks).....                          | I 167 |        |
| 10. G. H. Dell, Assistant Professor (16 weeks).....                           | I 300 |        |
| 11. Walter Edmund Hanson, Assistant Professor (16 weeks)...                   | I 167 |        |
| 12. C. P. Atkins, Instructor ( $\frac{1}{2}$ time, First 8 weeks).....        | 280   |        |
| 13. E. R. Baumann, Instructor ( $\frac{2}{3}$ time, 16 weeks).....            | 747   |        |
| 14. H. E. Eckhoff, Instructor (16 weeks).....                                 | I 100 |        |
| 15. I. S. Snyder, Instructor (16 weeks).....                                  | I 200 |        |
| 16. E. D. Ebert, Instructor ( $\frac{2}{3}$ time, Second 8 weeks).....        | 374   |        |
| 17. C. S. Danner, Assistant (16 weeks).....                                   | I 100 | 20 303 |

### Summer Surveying Camp

|   |       |       |
|---|-------|-------|
| 1. C. C. Wiley, Professor (June 30 through Sept. 6).....                      | I 105 |       |
| 2. W. H. Rayner, Associate Professor (June 30 through<br>Sept. 6).....        | 958   |       |
| 3. L. D. Walker, Associate Professor (June 30 through Sept. 6)                | 750   |       |
| 4. M. O. Schmidt, Assistant Professor (June 30 through<br>Sept. 6).....       | 731   |       |
| 5. A. G. Biliskis, Camp Doctor (July 14 through Sept. 6).....                 | 150   |       |
| 6. J. C. Chaderton, Visiting Lecturer (July 14 through Sept. 6)               | 700   |       |
| 7. A. H. Holt, Visiting Lecturer (July 14 through Sept. 6)....                | I 200 |       |
| 8. H. A. Larue, Visiting Lecturer (July 14 through Sept. 6)...                | I 000 |       |
| 9. M. J. Markuson, Visiting Lecturer (July 14 through Sept. 6)                | 800   |       |
| 10. L. V. White, Visiting Lecturer (July 14 through Sept. 6)...               | 800   |       |
| 11. Cornelius Wandmacher, Visiting Lecturer (July 14 through<br>Sept. 6)..... | I 200 | 9 394 |

### Classics

|   |       |       |
|---|-------|-------|
| 1. B. E. Perry, Professor and Acting Head of Department<br>(First 8 weeks)..... | I 042 |       |
| 2. Theodore Bedrick, Instructor ( $\frac{1}{2}$ time, First 8 weeks).....       | 280   |       |
| (See Mathematics).....  | (280) |       |
| (Total Salary).....   | (560) |       |
| 3. F. D. Lazenby, Instructor ( $\frac{3}{4}$ time, First 8 weeks).....          | 420   | I 742 |

**Dairy Husbandry**

|  | <i>Salary</i> |
|--|---------------|
| 1. W. W. Yapp, Professor and Acting Head of Department (¾ time, 16 weeks)..... | 459           |
| 2. R. V. Hussong, Professor (¾ time, 16 weeks).....                            | 240           |
| 3. P. H. Tracy, Professor (½ time, 16 weeks).....                              | 400           |
| 4. S. L. Tuckey, Associate Professor (¾ time, First 8 weeks)                   | 467           |
| 5. K. E. Gardner, Assistant Professor (4/9 time, Second 8 weeks) .....         | 297           |
| 6. K. E. Harshbarger, Assistant Professor (5/9 time, Second 8 weeks) .....     | 315           |
| 7. W. O. Nelson, Assistant Professor (8/9 time, First 8 weeks)                 | 519           |
| 8. E. E. Ormiston, Assistant Professor (¾ time, 16 weeks)...                   | 480           |
| 9. M. H. Alexander, Associate (¼ time, Second 8 weeks).....                    | 134           |
| 10. K. A. Kendall, Associate (½ time, 16 weeks).....                           | 334           |
| 11. J. J. Sheuring, Instructor (½ time, Second 8 weeks).....                   | 275           |
|  | 3 920         |

**Division of General Studies**

|  |       |       |
|--|-------|-------|
| 1. W. E. Morrell, Assistant Professor of Chemistry (¾ time, 16 weeks)..... | I 000 | I 000 |
|--|-------|-------|

**Economics**

|  |       |
|--|-------|
| 1. M. H. Hunter, Professor and Head of Department (½ time, First 8 weeks)..... | 584   |
| 2. H. K. Allen, Professor (½ time, First 8 weeks).....                         | 500   |
| 3. J. F. Bell, Professor (First 8 weeks).....                                  | 975   |
| 4. R. H. Blodgett, Professor (First 8 weeks).....                              | 967   |
| 5. P. H. Brown, Professor (16 weeks).....                                      | I 834 |
| 6. G. L. Jordan, Professor (½ time, First 8 weeks).....                        | 450   |
| 7. W. A. Neiswanger, Professor (First 8 weeks).....                            | 934   |
| 8. F. E. Lee, Professor (Second 8 weeks).....                                  | 917   |
| 9. D. P. Locklin, Professor (Second 8 weeks).....                              | I 067 |
| 10. R. W. Mayer, Associate Professor (First 8 weeks).....                      | 734   |
| 11. R. M. Nolen, Associate Professor (First 8 weeks).....                      | 834   |
| 12. D. L. Kemmerer, Associate Professor (Second 8 weeks)...                    | 800   |
| 13. P. M. Van Arsdell, Associate Professor (Second 8 weeks)...                 | 800   |
| 14. ———, Associate Professor (½ time, Second 8 weeks) .....                    | 450   |
| 15. F. B. Haworth, Assistant Professor (16 weeks).....                         | I 334 |
| 16. J. L. McConnell, Assistant Professor (16 weeks).....                       | I 284 |
| 17. Grace Beckett, Assistant Professor (First 8 weeks).....                    | 584   |
| 18. D. P. Flanders, Assistant Professor (½ time, First 8 weeks)                | 355   |
| 19. D. W. Paden, Assistant Professor (First 8 weeks) .....                     | 667   |
| 20. Janet L. Weston, Assistant Professor (16 weeks).....                       | I 167 |
| 21. Seth Hammond, Assistant Professor (Second 8 weeks).....                    | 583   |
| 22. W. C. Robb, Assistant Professor (½ time, Second 8 weeks)                   | 417   |
| 23. Fred Witney, Instructor (16 weeks).....                                    | I 120 |
| 24. Marian R. Meinkoth, Instructor (½ time, Second 8 weeks)...                 | 280   |
| 25. M. H. Butler, Assistant (½ time, 16 weeks).....                            | 550   |
| 26. R. F. Casey, Assistant (½ time, 16 weeks).....                             | 550   |
| 27. T. C. Cobb, Assistant (½ time, First 8 weeks).....                         | 275   |
| 28. P. E. Coldwell, Assistant (16 weeks).....                                  | I 100 |
| 29. P. M. Faucett, Assistant (½ time, 16 weeks).....                           | 550   |
| 30. C. W. Fristoe, Assistant (½ time, 16 weeks).....                           | 550   |
| 31. F. J. Hill, Assistant (16 weeks).....                                      | I 100 |
| 32. Nathaniel Jackendoff, Assistant (½ time, Second 8 weeks)...                | 275   |
| 33. D. C. Miller, Assistant (½ time, 16 weeks).....                            | 550   |
| 34. Mrs. Mildred H. Patterson, Assistant (½ time, 16 weeks)...                 | 550   |
| 35. J. E. Pfeiffer, Assistant (½ time, 16 weeks).....                          | 550   |
| 36. V. T. Rice, Assistant (½ time, Second 8 weeks).....                        | 275   |

|  | <i>Salary</i> |
|--|---------------|
| 37. D. L. Spriggs, Assistant (16 weeks).....                           | 1 100         |
| 38. H. M. Dixon, Assistant ( $\frac{1}{2}$ time, 16 weeks).....        | 550           |
| 39. K. D. Mossman, Assistant ( $\frac{1}{2}$ time, 16 weeks).....      | 550           |
| 40. P. W. Isbell, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....  | 275           |
| 41. E. W. Reed, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....    | 275           |
| 42. L. L. Qualls, Assistant ( $\frac{1}{2}$ time, Second 8 weeks)..... | 275           |
| 43. H. E. Reese, Assistant ( $\frac{1}{2}$ time, Second 8 weeks).....  | 275           |
| 44. Augusta E. Galster, Visiting Lecturer (16 weeks).....              | 1 400         |
| 45. D. W. Raaf, Visiting Lecturer (16 weeks).....                      | 1 000         |
| 46. W. A. McConagha, Visiting Lecturer (First 8 weeks).....            | 850           |
| 47. Bruce Morris, Visiting Lecturer (First 8 weeks).....               | 850           |
| 48. Gordon C. Losee, Visiting Lecturer (First 8 weeks).....            | 675           |

34 587

**Education**

|   |       |
|---|-------|
| 1. W. S. Monroe, Professor and Acting Head of Department (First 8 weeks)..... | 1 200 |
| 2. E. H. Reeder, Professor (First 8 weeks).....                               | 967   |
| 3. A. B. Mays, Professor (First 8 weeks).....                                 | 959   |
| ( $\frac{1}{2}$ reimbursed by State Vocational Board)                         |       |
| 4. H. M. Hamlin, Professor (June 9 to July 5).....                            | 488   |
| ( $\frac{1}{2}$ reimbursed by State Vocational Board)                         |       |
| 5. O. F. Weber, Professor (First 8 weeks).....                                | 834   |
| 6. H. C. Hand, Professor (16 weeks).....                                      | 2 000 |
| 7. B. O. Smith, Professor (First 8 weeks).....                                | 950   |
| 8. A. F. Dodge, Professor (First 8 weeks).....                                | 800   |
| 9. C. W. Odell, Professor (First 8 weeks).....                                | 834   |
| 10. E. H. Potthoff, Professor ( $\frac{1}{2}$ time, First 8 weeks).....       | 459   |
| 11. C. W. Sanford, Associate Professor (First 8 weeks).....                   | 959   |
| 12. Letitia Walsh, Associate Professor (First 8 weeks).....                   | 750   |
| ( $\frac{1}{2}$ reimbursed by State Vocational Board)                         |       |
| 13. F. H. Finch, Associate Professor (First 8 weeks).....                     | 767   |
| 14. G. M. Blair, Associate Professor (First 8 weeks).....                     | 750   |
| 15. E. W. Dolch, Associate Professor (First 8 weeks).....                     | 767   |
| 16. L. J. Stiles, Associate Professor (First 8 weeks).....                    | 800   |
| 17. M. R. Sumption, Associate Professor (First 8 weeks).....                  | 834   |
| 18. J. H. Shores, Associate Professor (First 8 weeks).....                    | 750   |
| 19. Mrs. Nell C. B. Johnston, Assistant Professor (First 8 weeks).....        | 634   |
| 20. G. W. Reagan, Assistant Professor (First 8 weeks).....                    | 667   |
| 21. J. N. Weiss, Assistant Professor ( $\frac{1}{2}$ time, 16 weeks).....     | 634   |
| ( $\frac{1}{2}$ reimbursed by State Vocational Board)                         |       |
| 22. L. W. Williams, Assistant Professor (First 8 weeks).....                  | 684   |
| 23. Liesette J. McHarry, Assistant Professor (First 8 weeks)...               | 650   |
| 24. W. O. Stanley, Assistant Professor (16 weeks).....                        | 1 267 |
| 25. Mrs. Celia B. Stendler, Assistant Professor (First 8 weeks)               | 617   |
| 26. C. G. Knapp, Assistant Professor (Second 8 weeks).....                    | 717   |
| 27. J. A. Fuzak, Instructor (First 8 weeks).....                              | 700   |
| 28. E. G. Pogue, Instructor (First 8 weeks).....                              | 620   |
| 29. L. J. Phipps, Instructor ( $\frac{1}{4}$ time, 16 weeks).....             | 330   |
| ( $\frac{1}{2}$ reimbursed by State Vocational Board)                         |       |
| 30. Florence M. Flach, Instructor (First 8 weeks) (Without salary) .....      | ....  |
| 31. Marian C. Quinn, Instructor ( $\frac{1}{8}$ time, June 11 to June 18) ..  | 70    |
| 32. A. J. Hoehn, Assistant ( $\frac{1}{4}$ time, First 8 weeks).....          | 138   |
| 33. G. W. Fielder, Assistant ( $\frac{1}{4}$ time, First 8 weeks).....        | 138   |
| 34. Katherine Colyer, Assistant ( $\frac{1}{4}$ time, First 8 weeks).....     | 138   |
| 35. Milosh Muntyan, Assistant ( $\frac{1}{2}$ time, July 7 to August 2)....   | 138   |
| 36. B. S. Wilson, Assistant ( $\frac{1}{8}$ time, Second 8 weeks).....        | 69    |
| 37. J. W. Harbeson, Visiting Lecturer (June 23 to August 2)...                | 1 000 |

|  | <i>Salary</i> |        |
|--|---------------|--------|
| 38. S. A. Kirk, Visiting Lecturer (First 8 weeks) .....  | 1 000         |        |
| 39. R. H. Simpson, Visiting Lecturer (First 8 weeks) .....   | 950           |        |
| 40. C. F. Arrowood, Visiting Lecturer (First 8 weeks) .....  | 1 000         |        |
| 41. C. A. Michelman, Visiting Lecturer (First 8 weeks) .....   | 850           |        |
| 42. Helen A. McLauchlin, Visiting Elementary School Teacher<br>(June 16 to July 26) .....                    | 550           |        |
| 43. ———, Assistant ( $\frac{1}{4}$ time, First 8 weeks) .....  | 138           |        |
| 44. Workshops and Conferences .....  | 850           |        |
| Workshop on Problems of Education of Exceptional<br>Children   |               |        |
| Conference on Elementary Education   |               |        |
| Conference on Exceptional Children   |               |        |
| Conference on the Junior College   |               |        |
| Conference on the Planning of School Buildings   |               |        |
| Conference for School Administrators   |               |        |
| 45. Equipment for elementary classes .....   | 400           |        |
| 46. Expense in connection with elementary school classes (trans-<br>porting furniture, supplies, etc.) ..... | 150           | 30 967 |

#### University High School

|  |     |       |
|--|-----|-------|
| 1. M. C. Hartley, Assistant Professor ( $\frac{1}{2}$ time, First 8 weeks) | 292 |       |
| 2. W. E. Harnish, Assistant Professor (First 8 weeks) .....                | 650 |       |
| 3. Susan C. Crain, Teacher ( $\frac{1}{2}$ time, First 8 weeks) .....      | 275 |       |
| 4. Margarete A. Baum, Teacher (First 8 weeks) .....                        | 550 |       |
| 5. J. W. Hanson, Teacher (First 8 weeks) .....                             | 550 |       |
| 6. Cooperating Teachers .....  | 850 | 3 167 |

#### Electrical Engineering

|  |       |  |
|--|-------|--|
| 1. W. L. Everitt, Professor and Head of Department (Second 8<br>weeks) ..... | 1 200 |  |
| 2. M. A. Faucett, Professor (First 8 weeks) .....                            | 834   |  |
| 3. C. A. Keener, Professor (16 weeks) .....                                  | 1 700 |  |
| 4. J. O. Kraehenbuehl, Professor (16 weeks) .....                            | 1 800 |  |
| 5. L. B. Archer, Associate Professor (Second 8 weeks) .....                  | 700   |  |
| 6. L. T. DeVore, Associate Professor ( $\frac{1}{3}$ time, 16 weeks) .....   | 523   |  |
| 7. G. H. Fett, Associate Professor ( $\frac{2}{3}$ time, Second 8 weeks) ..  | 490   |  |
| 8. H. N. Hayward, Associate Professor (16 weeks) .....                       | 1 434 |  |
| 9. E. C. Jordan, Associate Professor ( $\frac{2}{3}$ time, First 8 weeks)    | 490   |  |
| 10. E. A. Reid, Associate Professor (First 8 weeks) .....                    | 734   |  |
| 11. G. H. Rockwood, Associate Professor (Second 8 weeks) ....                | 834   |  |
| 12. C. E. Skroder, Associate Professor (Second 8 weeks) .....                | 717   |  |
| 13. A. D. Bailey, Assistant Professor (16 weeks) .....                       | 1 167 |  |
| 14. F. D. Bennett, Assistant Professor ( $\frac{2}{3}$ time, First 8 weeks)  | 423   |  |
| 15. E. F. DeMers, Assistant Professor (Second 8 weeks) .....                 | 584   |  |
| 16. D. F. Hang, Assistant Professor (16 weeks) .....                         | 1 167 |  |
| 17. M. S. Helm, Assistant Professor (16 weeks) .....                         | 1 300 |  |
| 18. H. W. Horn, Assistant Professor (16 weeks) .....                         | 1 267 |  |
| 19. R. H. Nau, Assistant Professor (16 weeks) .....                          | 1 334 |  |
| 20. G. R. Peirce, Assistant Professor (Second 8 weeks) .....                 | 600   |  |
| 21. H. K. Polk, Assistant Professor (16 weeks) .....                         | 1 200 |  |
| 22. P. F. Schwarzlose, Assistant Professor (16 weeks) .....                  | 1 167 |  |
| 23. R. M. Wainwright, Assistant Professor (First 8 weeks) ....               | 600   |  |
| 24. J. E. Williams, Assistant Professor (16 weeks) .....                     | 1 200 |  |
| 25. W. G. Albright, Instructor (16 weeks) .....                              | 1 120 |  |
| 26. P. A. Bauman, Instructor (16 weeks) .....                                | 1 120 |  |
| 27. M. H. Crothers, Instructor (16 weeks) .....                              | 1 120 |  |
| 28. P. R. Egbert, Instructor (16 weeks) .....                                | 1 200 |  |
| 29. B. J. Wilson, Jr., Instructor ( $\frac{1}{2}$ time, 16 weeks) .....      | 560   |  |
| 30. R. S. Elliott, Instructor ( $\frac{1}{4}$ time, 16 weeks) .....          | 280   |  |

|   | <i>Salary</i> |
|---|---------------|
| 31. H. W. Katz, Instructor ( $\frac{1}{3}$ time, 16 weeks).....     | 374           |
| 32. W. E. Miller, Instructor (16 weeks).....                        | I 240         |
| 33. N. R. Scott, Instructor (16 weeks).....                         | I 160         |
| 34. R. A. Scholten, Assistant (First 8 weeks).....                  | 550           |
| 35. Bernard Silverman, Assistant (16 weeks).....                    | I 100         |
| 36. Buford Smith, Jr., Assistant (16 weeks).....                    | I 100         |
| 37. H. R. Buell, Assistant ( $\frac{1}{2}$ time, 16 weeks).....     | 550           |
| 38. Shizuo Hori, Assistant ( $\frac{1}{2}$ time, 16 weeks).....     | 550           |
| 39. J. U. Jeffries, Assistant ( $\frac{1}{2}$ time, 16 weeks).....  | 550           |
| 40. P. M. Kintner, Assistant ( $\frac{1}{2}$ time, 16 weeks).....   | 550           |
| 41. G. D. McMullen, Assistant ( $\frac{1}{2}$ time, 16 weeks).....  | 550           |
| 42. J. R. Mason, Assistant ( $\frac{1}{2}$ time, 16 weeks).....     | 550           |
| 43. G. A. Petticrew, Assistant ( $\frac{1}{2}$ time, 16 weeks)..... | 550           |
| 44. W. M. Whitfield, Assistant (First 8 weeks).....                 | 550           |
| 45. P. K. Hudson, Visiting Lecturer (16 weeks).....                 | I 500         |
| 46. J. A. Barkson, Visiting Lecturer (16 weeks).....                | I 600         |
| 47. D. S. Babb, Visiting Lecturer (16 weeks).....                   | I 500         |
| 48. L. O. Brown, Jr., Visiting Lecturer (16 weeks).....             | I 200         |
| 49. —————, Wages.....   | 3 890         |

48 479

**English**

|  |       |
|--|-------|
| 1. H. F. Fletcher, Professor (First 8 weeks).....                                    | I 200 |
| 2. A. W. Secord, Professor (Second 8 weeks).....                                     | 884   |
| 3. R. B. Weirick, Associate Professor (First 8 weeks).....                           | 700   |
| 4. S. E. Glenn, Associate Professor (First 8 weeks).....                             | 817   |
| 5. W. M. Parrish, Associate Professor of Speech (First 8 weeks).....                 | 834   |
| 6. R. M. Smith, Associate Professor (First 8 weeks).....                             | 817   |
| 7. C. W. Roberts, Associate Professor ( $\frac{1}{2}$ time, First 8 weeks).....      | 417   |
| 8. R. A. Gettmann, Associate Professor (First 8 weeks).....                          | 783   |
| 9. J. W. Swanson, Associate Professor of Speech (First 8 weeks).....                 | 700   |
| 10. M. S. Goldman, Associate Professor (16 weeks).....                               | I 400 |
| 11. Severina E. Nelson, Associate Professor of Speech (First 8 weeks).....           | 700   |
| 12. J. N. Hook, Associate Professor (First 8 weeks).....                             | 667   |
| 13. K. A. Windesheim, Assistant Professor of Speech (First 8 weeks).....             | 667   |
| 14. E. R. Wasserman, Assistant Professor (First 8 weeks).....                        | 609   |
| 15. E. G. Mathews, Assistant Professor (First 8 weeks).....                          | 584   |
| 16. C. H. Shattuck, Assistant Professor (First 8 weeks).....                         | 584   |
| 17. C. B. Owens, Assistant Professor of Speech (First 8 weeks).....                  | 617   |
| 18. L. C. Warren, Assistant Professor (Second 8 weeks).....                          | 608   |
| 19. G. P. Haskell, Assistant Professor (First 8 weeks).....                          | 584   |
| 20. L. S. Hultzén, Assistant Professor of Speech (First 8 weeks).....                | 584   |
| 21. B. A. Milligan, Assistant Professor (First 8 weeks).....                         | 584   |
| 22. Kenneth Burns, Instructor in Speech (Second 8 weeks).....                        | 560   |
| 23. Cornelia P. Kelley, Instructor ( $\frac{1}{3}$ time, 16 weeks).....              | 387   |
| 24. Margaret French, Instructor ( $\frac{9}{16}$ time, 16 weeks).....                | 654   |
| 25. C. W. Wilkinson, Instructor in Business English (First 8 weeks).....             | 600   |
| 26. Margaret Bloom, Instructor ( $\frac{1}{4}$ time, 16 weeks).....                  | 387   |
| 27. F. W. Weeks, Instructor in Business English ( $\frac{1}{4}$ time, 16 weeks)..... | 300   |
| 28. H. W. Sargent, Instructor in Business English (Second 8 weeks).....              | 560   |
| 29. J. K. Quinn, Instructor (Second 8 weeks).....                                    | 560   |
| 30. R. J. Geist, Instructor (First 8 weeks).....                                     | 560   |
| 31. Elizabeth Harris, Instructor in Speech (First 8 weeks).....                      | 560   |
| 32. J. R. Reaver, Jr., Instructor (First 8 weeks).....                               | 560   |

|   | <i>Salary</i> |
|---|---------------|
| 33. Mrs. Naomi W. Hunter, Instructor in Speech (First 8 weeks)                | 580           |
| 34. Mrs. Marie O. Shere, Instructor in Speech (First 8 weeks) ..              | 600           |
| 35. L. W. Olson, Instructor in Speech (16 weeks)..... I                       | 120           |
| 36. Mrs. Elaine P. Paden, Instructor in Speech (First 8 Weeks)                | 560           |
| 37. C. S. Angell, Instructor in Speech (First 8 weeks).....                   | 560           |
| 38. Lucilla J. Hall, Instructor in Speech (First 8 weeks).....                | 560           |
| 39. Mrs. Ruby V. Wispe, Instructor in Speech (First 8 weeks) ..               | 560           |
| 40. W. F. Ekstrom, Instructor (First 8 weeks).....                            | 560           |
| 41. Mrs. Beulah W. Swengel, Instructor in Speech (First 8 weeks) .....        | 560           |
| 42. G. C. Camp, Assistant ( $\frac{1}{3}$ time, 16 weeks).....                | 367           |
| 43. Roberta Scouffas, Assistant ( $\frac{2}{3}$ time, 16 weeks).....          | 734           |
| 44. Helen M. Hill, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....        | 367           |
| 45. E. W. Robbins, Assistant (First 8 weeks).....                             | 550           |
| 46. A. J. Carr, Assistant (Second 8 weeks).....                               | 550           |
| 47. J. L. Jackson, Assistant ( $\frac{3}{4}$ time, 16 weeks).....             | 825           |
| 48. M. C. Jochums, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....        | 367           |
| 49. D. A. Sperry, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....         | 367           |
| 50. C. T. Wilkins, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....        | 367           |
| 51. Virginia M. Lowell, Assistant (First 8 weeks).....                        | 550           |
| 52. Sonia Miller, Assistant (First 8 weeks).....                              | 550           |
| 53. Constance Nicholas, Assistant (First 8 weeks).....                        | 550           |
| 54. W. B. Toran, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....          | 367           |
| 55. R. G. Brooks, Assistant ( $\frac{3}{4}$ time, 16 weeks).....              | 825           |
| 56. L. M. Magill, Assistant (First 8 weeks).....                              | 550           |
| 57. Pauline S. Drawver, Assistant ( $\frac{2}{3}$ time, First 8 weeks)....    | 367           |
| 58. Charrenz S. Lenhart, Assistant ( $\frac{2}{3}$ time, First 8 weeks)....   | 367           |
| 59. Shirley Thomas, Assistant ( $\frac{2}{3}$ time, Second 8 weeks).....      | 367           |
| 60. Helen O. Persons, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....     | 367           |
| 61. Verna D. Wittrock, Assistant ( $\frac{2}{3}$ time, Second 8 weeks)....    | 367           |
| 62. Katherine N. Houston, Assistant ( $\frac{2}{3}$ time, Second 8 weeks)     | 367           |
| 63. Alice Ellis, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....          | 367           |
| 64. Virginia Murray, Assistant ( $\frac{2}{3}$ time, First week only).....    | 46            |
| 65. Mrs. Josephine Evans, Assistant ( $\frac{5}{8}$ time, 16 weeks).....      | 688           |
| 66. Mary Frances Lyster, Assistant ( $\frac{2}{3}$ time, First week only) ..  | 46            |
| 67. Mrs. Ann B. Hall, Assistant ( $\frac{2}{3}$ time, Second 8 weeks).....    | 367           |
| 68. Mrs. Helen F. Borden, Assistant ( $\frac{2}{3}$ time, First week only)    | 46            |
| 69. Mrs. Roslyn Friedman, Assistant ( $\frac{2}{3}$ time, First week only)    | 46            |
| 70. Mrs. Jeanette Anderson, Assistant ( $\frac{2}{3}$ time, First week only)  | 46            |
| 71. Mrs. Margaret W. Breen, Assistant ( $\frac{2}{3}$ time, First 8 weeks)    | 367           |
| 72. E. P. Bloom, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....          | 367           |
| 73. Mrs. Sylvia N. Schacht, Assistant ( $\frac{2}{3}$ time, First 8 weeks) .. | 367           |
| 74. Mrs. Margaret B. Zwick, Assistant ( $\frac{2}{3}$ time, First 8 weeks)    | 367           |
| 75. Barbara Parkinson, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....    | 367           |
| 76. Mrs. Mary Simon, Assistant ( $\frac{2}{3}$ time, First week only).....    | 46            |
| 77. Mrs. Marjorie H. Stickney, Assistant in Speech (First 8 weeks) .....      | 550           |
| 78. Shirley Johnsonbaugh, Assistant ( $\frac{2}{3}$ time, First week only)    | 46            |
| 79. J. H. Dugas, Assistant ( $\frac{2}{3}$ time, Second 8 weeks).....         | 367           |
| 80. JoAnn Perring, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....        | 367           |
| 81. E. W. Buttgen, Assistant in Business English (First 8 weeks)              | 550           |
| 82. Martha Stanberry, Assistant in Speech (Second 8 weeks) ...                | 550           |
| 83. Lois Kerchenfaut, Assistant in Speech (First 8 weeks).....                | 550           |
| 84. George Scharf, Assistant in Speech (Second 8 weeks).....                  | 550           |
| 85. Mrs. Ann E. Hill, Assistant in Speech (First 8 weeks).....                | 550           |
| 86. Genevieve Richardson, Assistant in Speech (Second 8 weeks)                | 550           |
| 87. Mrs. Elizabeth Thielemann, Assistant in Speech (Second 8 weeks) .....     | 550           |



|   | <i>Salary</i> |        |
|---|---------------|--------|
| 88. A. C. Tillman, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....        | 367           |        |
| 89. Leland Brown, Assistant in Business English (First 8 weeks)               | 550           |        |
| 90. W. C. McAvoy, Assistant ( $\frac{2}{3}$ time, Second 8 weeks).....        | 367           |        |
| 91. Elizabeth J. Mackey, Assistant ( $\frac{2}{3}$ time, Second 8 weeks)...   | 367           |        |
| 92. Mrs. Mildred W. Goodner, Assistant ( $\frac{2}{3}$ time, First 8 weeks)   | 367           |        |
| 93. Mary Ann Diller, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....      | 367           |        |
| 94. Eugene White, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....         | 367           |        |
| 95. G. N. Thomas, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....         | 367           |        |
| 96. Helen Beveridge, Assistant (First 8 weeks).....                           | 550           |        |
| 97. H. J. Grusin, Assistant in Business English (First 8 weeks)               | 550           |        |
| 98. W. W. Adams, Assistant in Speech (First 8 weeks).....                     | 550           |        |
| 99. O. M. Walter, Assistant in Speech (First 8 weeks).....                    | 550           |        |
| 100. Mrs. Olive R. Goldman, Assistant in Speech (First 8 weeks)               | 550           |        |
| 101. H. E. Shuman, Assistant in Speech (First 8 weeks).....                   | 550           |        |
| 102. H. H. Mamet, Assistant in Speech (First 8 weeks).....                    | 550           |        |
| 103. Lois Mayfield, Assistant (First 8 weeks).....                            | 550           |        |
| 104. Jeannette E. Carlson, Assistant ( $\frac{2}{3}$ time, First 8 weeks).... | 367           |        |
| 105. ———, Assistant ( $\frac{2}{3}$ time, Second 8 weeks).....                | 367           |        |
| 106. W. E. Buckler, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....       | 367           |        |
| 107. Mrs. Marcia B. Bowman, Assistant (Second 8 weeks).....                   | 550           |        |
| 108. Arselia M. Block, Visiting Lecturer (June 16 to July 26)....             | 400           | 55 059 |

**Entomology**

|  |       |       |
|--|-------|-------|
| 1. W. V. Balduf, Professor (First 8 weeks).....            | 834   |       |
| 2. C. W. Kearns, Associate Professor (First 8 weeks).....  | 750   |       |
| 3. W. R. Horsfall, Assistant Professor (Second 8 weeks)... | 667   |       |
| 4. W. F. Rapp, Jr., Assistant (16 weeks).....              | 1 100 | 3 351 |

**French**

|   |       |       |
|---|-------|-------|
| 1. C. A. Knudson, Professor (First 8 weeks).....                          | 950   |       |
| 2. C. P. Viens, Assistant Professor (First 8 weeks).....                  | 617   |       |
| 3. P. E. Jacob, Assistant Professor ( $\frac{1}{2}$ time, Second 8 weeks) | 333   |       |
| 4. Philip Kolb, Instructor ( $\frac{1}{2}$ time, First 8 weeks).....      | 290   |       |
| 5. Mrs. Jane R. Haynes, Assistant (16 weeks).....                         | 1 100 |       |
| 6. Mrs. Helen H. Link, Assistant ( $\frac{1}{2}$ time, 16 weeks).....     | 550   |       |
| 7. B. H. Mainous, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....     | 275   |       |
| 8. Mrs. Phyllis G. Mattingly, Assistant (First 8 weeks).....              | 550   |       |
| 9. M. K. Myers, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....       | 275   |       |
| 10. G. M. Oudyn, Assistant ( $\frac{1}{2}$ time, 16 weeks).....           | 550   |       |
| 11. R. M. Perry, Assistant ( $\frac{1}{2}$ time, 16 weeks).....           | 550   |       |
| 12. Mrs. Gisele Shotliff, Assistant ( $\frac{1}{2}$ time, 16 weeks).....  | 550   |       |
| 13. Walter Staaks, Jr., Assistant ( $\frac{3}{4}$ time, 16 weeks).....    | 825   | 7 415 |

**General Engineering Drawing**

|   |       |       |
|---|-------|-------|
| 1. S. G. Hall, Associate Professor (16 weeks).....                      | 1 500 |       |
| 2. Albert Jorgensen, Associate Professor (First 8 weeks)....            | 750   |       |
| 3. ———, Associate Professor (Second 8 weeks)....                        | 750   |       |
| 4. ———, Assistant Professor ( $\frac{2}{3}$ time, Second 8 weeks) ..... | 467   |       |
| 5. J. E. Pearson, Assistant Professor (First 8 weeks).....              | 584   |       |
| 6. W. L. Shick, Instructor (16 weeks).....                              | 1 120 |       |
| 7. R. P. Borri, Instructor (16 weeks).....                              | 1 120 |       |
| 8. G. J. Zanotti, Assistant ( $\frac{2}{3}$ time, Second 8 weeks).....  | 367   | 6 658 |

**Geography**

|   | <i>Salary</i> |       |
|---|---------------|-------|
| 1. W. O. Blanchard, Professor (16 weeks).....                           | I 667         |       |
| 2. J. L. Page, Associate Professor (First 8 weeks).....                 | 700           |       |
| 3. J. H. Garland, Associate Professor (Second 8 weeks)....              | 700           |       |
| 4. A. D. Cutshall, Assistant Professor (First 8 weeks).....             | 584           |       |
| 5. G. C. De Long, Instructor ( $\frac{1}{2}$ time, Second 8 weeks)..... | 280           |       |
| 6. J. F. Lounsbury, Assistant (16 weeks).....                           | I 100         | 5 031 |

**Geology**

|  |       |       |
|--|-------|-------|
| 1. T. T. Quirke, Professor (16 weeks)..... | I 834 |       |
| 2. R. C. Honea, Assistant (16 weeks).....  | I 100 |       |
| 3. R. E. Rogers, Assistant (16 weeks)..... | I 100 | 4 034 |

**German**

|   |       |       |
|---|-------|-------|
| 1. Helmut Rehder, Professor and Head of Department (First 8 weeks).....     | I 200 |       |
| 2. J. T. Geissendoerfer, Professor (Second 8 weeks).....                    | 834   |       |
| 3. Henri Stegemeier, Assistant Professor (First 8 weeks)....                | 584   |       |
| 4. G. C. Kettelkamp, Assistant Professor ( $\frac{1}{2}$ time, 16 weeks)... | 584   |       |
| 5. J. R. Frey, Assistant Professor (First 8 weeks).....                     | 667   |       |
| 6. Elsie G. Billman, Instructor (First 8 weeks).....                        | 560   |       |
| 7. W. F. Roertgen, Instructor (First 8 weeks).....                          | 560   |       |
| 8. Walter Gieseke, Instructor (Second 8 weeks).....                         | 560   |       |
| 9. Charles Hennecke, Assistant ( $\frac{1}{2}$ time, 16 weeks).....         | 550   |       |
| 10. M. O. Kistler, Assistant ( $\frac{3}{4}$ time, First 8 weeks).....      | 413   |       |
| 11. Francis Tourtellot, Assistant ( $\frac{7}{8}$ time, 16 weeks).....      | 963   |       |
| 12. Bernard R. Loeschen, Assistant ( $\frac{1}{2}$ time, First 8 weeks)...  | 275   |       |
| 13. Mrs. Artha Chamberlain, Assistant ( $\frac{1}{2}$ time, First 8 weeks)  | 275   |       |
| 14. Norma Gourley, Assistant ( $\frac{3}{4}$ time, 16 weeks).....           | 825   |       |
| 15. A. R. Johnson, Jr., Assistant ( $\frac{1}{2}$ time, First 8 weeks)..... | 275   |       |
| 16. A. M. Cress, Assistant ( $\frac{3}{4}$ time, Second 8 weeks).....       | 413   |       |
| 17. R. J. Doney, Assistant ( $\frac{3}{4}$ time, First 8 weeks).....        | 413   | 9 951 |

**History**

|  |       |        |
|--|-------|--------|
| 1. T. C. Pease, Professor and Head of Department (First 8 weeks).....      | I 200 |        |
| 2. F. C. Dietz, Professor (First 8 weeks).....                             | I 084 |        |
| 3. F. S. Rodkey, Professor (Second 8 weeks).....                           | 834   |        |
| 4. R. C. Werner, Associate Professor (First 8 weeks).....                  | 750   |        |
| 5. R. P. Stearns, Associate Professor (First 8 weeks).....                 | 792   |        |
| 6. C. E. Odeggaard, Associate Professor (First 8 weeks)....                | 750   |        |
| 7. C. G. Starr, Jr., Associate Professor (First 8 weeks).....              | 667   |        |
| 8. R. G. Bone, Associate Professor ( $\frac{1}{2}$ time, First 8 weeks)... | 417   |        |
| 9. C. E. Nowell, Associate Professor (Second 8 weeks).....                 | 750   |        |
| 10. E. L. Erickson, Associate Professor (Second 8 weeks)....               | 750   |        |
| 11. J. B. Sirich, Assistant Professor (First 8 weeks).....                 | 584   |        |
| 12. Louise B. Dunbar, Assistant Professor (Second 8 weeks)...              | 650   |        |
| 13. Natalia M. Belting, Associate (First 8 weeks).....                     | 500   |        |
| 14. Ameda R. King, Associate (First 8 weeks).....                          | 534   |        |
| 15. M. Josephine Bunch, Instructor (Second 8 weeks).....                   | 560   |        |
| 16. Kathleen E. Dunlop, Assistant ( $\frac{2}{3}$ time, 16 weeks).....     | 734   |        |
| 17. P. G. Hubbard, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....     | 367   |        |
| 18. Theodore Fisch, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....    | 367   |        |
| 19. L. R. Sorenson, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....    | 275   |        |
| 20. M. J. Mateyka, Assistant ( $\frac{3}{4}$ time, 16 weeks).....          | 825   |        |
| 21. _____, Assistant ( $\frac{1}{4}$ time, First 8 weeks).....             | 138   |        |
| 22. _____, Assistant ( $\frac{1}{4}$ time, First 8 weeks).....             | 138   |        |
| 23. C. W. Thomas, Assistant (Second 8 weeks).....                          | 550   |        |
| 24. R. M. Sutton, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....      | 367   | 14 583 |

**Home Economics**

|   | <i>Salary</i> |       |
|---|---------------|-------|
| 1. Janice M. Smith, Professor ( $\frac{1}{4}$ time, First 8 weeks).....                 | 230           |       |
| 2. Nellie L. Perkins, Professor (First 8 weeks).....                                    | 767           |       |
| 3. Harriet T. Barto, Associate Professor ( $\frac{5}{8}$ time, First 8 weeks).....      | 528           |       |
| 4. Pearl Z. Janssen, Associate Professor (First 8 weeks).....                           | 667           |       |
| 5. Virginia H. Weaver, Assistant Professor ( $\frac{1}{2}$ time, First 8 weeks).....    | 292           |       |
| 6. Doris J. Brockway, Assistant Professor (First 8 weeks)...                            | 584           |       |
| 7. Ritta Whitesel, Assistant Professor (First 8 weeks).....                             | 584           |       |
| 8. Frances O. Van Duyne, Assistant Professor ( $\frac{3}{10}$ time, First 8 weeks)..... | 175           |       |
| 9. Margaret R. Goodyear, Associate ( $\frac{1}{2}$ time, July 7 to August 2).....       | 121           |       |
| 10. Ida B. Bruner, Assistant (First 8 weeks).....                                       | 550           |       |
| 11. Mrs. Barbara M. Wheeler, Assistant (First 8 weeks).....                             | 550           |       |
| 12. Ruth V. Keys, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....                   | 275           | 5 323 |

**Horticulture**

|   |     |     |
|---|-----|-----|
| 1. A. S. Colby, Professor ( $\frac{3}{4}$ time, First 8 weeks)..... | 650 | 650 |
|---|-----|-----|

**Hygiene**

|  |     |     |
|--|-----|-----|
| 1. May I. Millbrook, Assistant Professor ( $\frac{1}{5}$ time, First 8 weeks).....     | 140 |     |
| 2. Florence P. Gebhart, Assistant Professor ( $\frac{1}{5}$ time, Second 8 weeks)..... | 120 |     |
| 3. H. C. Gebhart, Assistant Professor ( $\frac{1}{5}$ time, Second 8 weeks).....       | 150 |     |
| 4. H. I. Teigler, Assistant Professor ( $\frac{1}{5}$ time, First 8 weeks).....        | 150 | 560 |

**Journalism**

|   |     |       |
|---|-----|-------|
| 1. F. S. Siebert, Professor and Head of Department ( $\frac{3}{4}$ time, Second 8 weeks)..... | 900 |       |
| 2. L. W. Murphy, Professor (First 8 weeks).....   | 917 |       |
| 3. R. R. Barlow, Professor ( $\frac{1}{2}$ time, Second 8 weeks).....                         | 442 |       |
| 4. C. H. Sandage, Professor ( $\frac{3}{4}$ time, First 8 weeks).....                         | 720 |       |
| 5. Arne Rae, Associate Professor (First 8 weeks).....   | 709 |       |
| 6. F. E. Schooley, Assistant Professor ( $\frac{1}{3}$ time, First 8 weeks).....              | 306 |       |
| 7. J. P. Jones, Jr., Assistant Professor (First 8 weeks).....                                 | 600 |       |
| 8. V. R. Fryburger, Instructor ( $\frac{1}{2}$ time, 16 weeks).....                           | 600 |       |
| 9. F. B. Senger, Jr., Assistant ( $\frac{2}{3}$ time, 16 weeks).....                          | 734 |       |
| 10. ———, Assistant ( $\frac{3}{4}$ time, Second 8 weeks).....                                 | 413 |       |
| 11. P. A. Spradling, Assistant ( $\frac{1}{3}$ time, Second 8 weeks).....                     | 184 | 6 525 |

**Law**

|  |       |        |
|--|-------|--------|
| 1. G. B. Weisiger, Professor (First 8 weeks).....            | I 150 |        |
| 2. H. W. Holt, Professor (First 8 weeks).....                | I 117 |        |
| 3. K. S. Carlston, Professor (First 8 weeks).....            | I 084 |        |
| 4. W. L. Summers, Professor (Second 8 weeks).....            | I 200 |        |
| 5. E. W. Cleary, Professor (Second 8 weeks).....             | I 167 |        |
| 6. R. N. Sullivan, Associate Professor (Second 8 weeks)..... | I 084 |        |
| 7. J. N. Young, Assistant Professor (16 weeks).....          | I 434 |        |
| 8. R. R. Hamilton, Visiting Lecturer (First 8 weeks).....    | I 200 |        |
| 9. H. H. Lesar, Visiting Lecturer (First 8 weeks).....       | I 200 |        |
| 10. V. R. Seed, Visiting Lecturer (First 8 weeks).....       | I 200 |        |
| 11. W. L. Eckhardt, Visiting Lecturer (Second 8 weeks).....  | I 200 |        |
| 12. Frank Murray, Visiting Lecturer (Second 8 weeks).....    | I 200 |        |
| 13. L. K. Tunks, Visiting Lecturer (Second 8 weeks).....     | I 200 | 15 436 |

| Library Science  |              | Salary |
|--|--------------|--------|
| 1. Herbert Goldhor, Assistant Professor (First 8 weeks)....  | 634          |        |
| 2. Marie M. Hostetter, Assistant Professor (First 8 weeks)...                                      | 584          |        |
| 3. I. A. Berg, Assistant Professor ( $\frac{3}{4}$ time, First 8 weeks)..<br>(See Psychology)..... | 254<br>(380) |        |
| (Total Salary).....  | (634)        |        |
| 4. Ellen L. Stanley, Assistant ( $\frac{3}{4}$ time, First 8 weeks).....                           | 413          |        |
| 5. Kathryn L. Luther, Assistant ( $\frac{3}{4}$ time, First 8 weeks)....                           | 413          |        |
| 6. Sarah Jane Olinger, Assistant ( $\frac{1}{2}$ time, First 8 weeks)....                          | 275          |        |
| 7. Hazel Dean, Visiting Lecturer (First 8 weeks).....  | 800          |        |
| 8. M. Virginia Satterfield, Visiting Lecturer ( $\frac{2}{3}$ time, First 8<br>weeks) .....        | 500          |        |
| 9. Lura Elizabeth Crawford, Visiting Lecturer (First 8<br>weeks) .....                             | 500          |        |
| 10. Agnes L. Reagan, Visiting Lecturer (First 8 weeks).....  | 600          |        |
| 11. G. F. Purdy, Visiting Lecturer (First 8 weeks).....  | 900          | 5 873  |

| Mathematics  |              |  |
|--|--------------|--|
| 1. H. R. Brahana, Professor ( $\frac{1}{2}$ time, First 8 weeks).....                            | 521          |  |
| 2. J. L. Doob, Professor (Second 8 weeks).....   | 834          |  |
| 3. P. W. Ketchum, Associate Professor (Second 8 weeks)..<  | 767          |  |
| 4. H. J. Miles, Associate Professor (First 8 weeks).....   | 717          |  |
| 5. Harry Levy, Assistant Professor (Second 8 weeks).....   | 700          |  |
| 6. Josephine H. Chanler, Assistant Professor (First 8 weeks)                                     | 583          |  |
| 7. L. L. Steimley, Assistant Professor (First 8 weeks).....                                      | 617          |  |
| 8. Beulah M. Armstrong, Assistant Professor (First 8 weeks)                                      | 617          |  |
| 9. J. W. Peters, Assistant Professor (First 8 weeks).....  | 633          |  |
| 10. H. E. Vaughan, Assistant Professor (First 8 weeks).....                                      | 583          |  |
| 11. M. M. Day, Assistant Professor (First 8 weeks).....  | 700          |  |
| 12. V. A. Hoersch, Assistant Professor ( $\frac{1}{2}$ time, 16 weeks)..<                        | 583          |  |
| 13. Wilfrid Wilson, Assistant Professor (Second 8 weeks)....                                     | 583          |  |
| 14. O. K. Bower, Assistant Professor (Second 8 weeks).....                                       | 583          |  |
| 15. A. G. Carlton, Assistant Professor (Second 8 weeks)....                                      | 600          |  |
| 16. C. M. Hobart, Associate (16 weeks).....  | 967          |  |
| 17. J. S. Stubbe, Instructor (First 8 weeks).....  | 560          |  |
| 18. M. E. Munroe, Instructor (16 weeks).....   | I 200        |  |
| 19. Corinne Hattan, Instructor (First 8 weeks).....  | 560          |  |
| 20. Max Kramer, Instructor ( $\frac{2}{3}$ time, 16 weeks).....                                  | 800          |  |
| 21. E. A. Propes, Instructor (16 weeks).....   | I 120        |  |
| 22. E. J. Scott, Instructor (First 8 weeks).....   | 600          |  |
| 23. P. W. Carruth, Instructor (First 8 weeks).....   | 600          |  |
| 24. W. A. Ferguson, Instructor (16 weeks).....   | I 160        |  |
| 25. W. F. Atchison, Instructor (Second 8 weeks).....   | 580          |  |
| 26. B. E. Meserve, Instructor (16 weeks).....  | I 160        |  |
| 27. Jewell E. Schubert, Instructor (First 8 weeks).....  | 560          |  |
| 28. W. H. Taylor, Instructor ( $\frac{2}{3}$ time, 16 weeks).....                                | 747          |  |
| 29. Theodore Bedrick, Instructor ( $\frac{1}{2}$ time, First 8 weeks)....<br>(See Classics)..... | 280<br>(280) |  |
| (Total Salary).....  | (560)        |  |
| 30. V. A. Hines, Instructor (First 8 weeks).....   | 560          |  |
| 31. Vivian R. Nuess, Instructor (First 8 weeks).....   | 560          |  |
| 32. S. M. Johnson, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                                | 550          |  |
| 33. J. R. Kinney, Assistant ( $\frac{1}{2}$ time, 16 weeks).....                                 | 550          |  |
| 34. E. B. Shanks, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....                            | 275          |  |
| 35. N. A. Goldsmith, Assistant (16 weeks).....   | I 100        |  |
| 36. M. D. Springer, Assistant (First 8 weeks).....   | 550          |  |
| 37. C. I. McSwane, Assistant (First 8 weeks).....  | 550          |  |
| 38. Abraham Charnes, Assistant (First 8 weeks).....  | 550          |  |
| 39. W. L. Huffman, Assistant (First 8 weeks).....  | 550          |  |
| 40. Grace M. Millbrook, Assistant (First 8 weeks).....   | 550          |  |
| 41. Helen P. Hoffman, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....                        | 275          |  |

|   | Salary |        |
|---|--------|--------|
| 42. R. W. Ball, Assistant (First 8 weeks).....                            | 550    |        |
| 43. Marie L. Boddy, Assistant (Second 8 weeks).....                       | 550    |        |
| 44. R. L. Mentzer, Assistant (Second 8 weeks).....                        | 550    |        |
| 45. Judson Sanderson, Assistant ( $\frac{1}{2}$ time, First 8 weeks)..... | 275    |        |
| 46. Clarence Phillips, Assistant ( $\frac{3}{4}$ time, 16 weeks).....     | 825    |        |
| 47. Lois Vivian Cline, Assistant ( $\frac{3}{4}$ time, 16 weeks).....     | 825    |        |
| 48. R. G. Langebartel, Assistant ( $\frac{3}{4}$ time, 16 weeks).....     | 825    |        |
| 49. J. A. Schumaker, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....  | 367    |        |
| 50. Henry Schutzberger, Assistant ( $\frac{3}{4}$ time, 16 weeks).....    | 825    |        |
| 51. G. F. Leger, Jr., Assistant ( $\frac{1}{2}$ time, First 8 weeks)..... | 275    |        |
| 52. James Bercos, Assistant ( $\frac{1}{3}$ time, First 8 weeks).....     | 183    |        |
| 53. ———, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....              | 275    |        |
| 54. B. E. Howard, Assistant ( $\frac{1}{2}$ time, 16 weeks).....          | 550    |        |
| 55. C. T. McCormick, Visiting Lecturer (First 8 weeks).....               | 600    | 34 610 |

### Mechanical Engineering

|   |       |        |
|---|-------|--------|
| 1. C. H. Casberg, Professor (16 weeks).....                           | 2 000 |        |
| 2. C. W. Ham, Professor (16 weeks).....                               | I 934 |        |
| 3. Seichi Konzo, Professor ( $\frac{1}{2}$ time, Second 8 weeks)..... | 417   |        |
| 4. N. A. Parker, Professor (First 8 weeks).....                       | I 200 |        |
| 5. D. G. Ryan, Professor (16 weeks).....                              | I 667 |        |
| 6. K. J. Trigger, Professor (16 weeks).....                           | I 667 |        |
| 7. R. F. Larson, Associate Professor (Second 8 weeks).....            | 734   |        |
| 8. C. E. Schubert, Associate Professor (16 weeks).....                | I 467 |        |
| 9. E. L. Broghamer, Associate Professor (16 weeks).....               | I 234 |        |
| 10. L. E. Doyle, Assistant Professor (16 weeks).....                  | I 200 |        |
| 11. C. D. Greffe, Assistant Professor (16 weeks).....                 | I 167 |        |
| 12. E. F. Hebrank, Assistant Professor (16 weeks).....                | I 167 |        |
| 13. J. A. Henry, Assistant Professor (Second 8 weeks).....            | 600   |        |
| 14. D. H. Krans, Assistant Professor (16 weeks).....                  | I 234 |        |
| 15. E. D. Luke, Assistant Professor (16 weeks).....                   | I 167 |        |
| 16. R. N. McDonald, Assistant Professor (16 weeks).....               | I 200 |        |
| 17. R. J. Martin, Assistant Professor (16 weeks).....                 | I 167 |        |
| 18. J. C. Miles, Assistant Professor (16 weeks).....                  | I 267 |        |
| 19. Francis Seyfarth, Assistant Professor (16 weeks).....             | I 167 |        |
| 20. C. J. Starr, Assistant Professor (First 8 weeks).....             | 617   |        |
| 21. J. W. Bayne, Instructor (16 weeks).....                           | I 120 |        |
| 22. R. E. Beckett, Instructor (16 weeks).....                         | I 120 |        |
| 23. C. E. Derrough, Instructor (16 weeks).....                        | I 100 |        |
| 24. J. L. Leach, Instructor (16 weeks).....                           | I 120 |        |
| 25. C. H. McClay, Instructor (16 weeks).....                          | I 120 |        |
| 26. R. A. McNamara, Jr., Instructor (16 weeks).....                   | I 120 |        |
| 27. M. B. Singer, Instructor (16 weeks).....                          | I 067 |        |
| 28. R. P. Strout, Instructor (16 weeks).....                          | I 120 |        |
| 29. A. D. Wright, Instructor (16 weeks).....                          | I 034 |        |
| 30. R. M. Wright, Instructor (16 weeks).....                          | I 120 |        |
| 31. F. R. Wunder, Instructor (16 weeks).....                          | I 120 |        |
| 32. J. R. Carroll, Jr., Assistant (16 weeks).....                     | I 120 |        |
| 33. H. D. Bareither, Assistant ( $\frac{1}{2}$ time, 16 weeks).....   | 550   |        |
| 34. J. L. Fairchild, Assistant (First 8 weeks).....                   | 550   |        |
| 35. S. F. Gilman, Assistant ( $\frac{1}{2}$ time, 16 weeks).....      | 550   |        |
| 36. ———, Assistant ( $\frac{1}{2}$ time, Second 8 weeks).....         | 275   |        |
| 37. ———, Assistant ( $\frac{1}{2}$ time, Second 8 weeks).....         | 275   | 39 754 |

### Military Bands

|   |         |       |
|---|---------|-------|
| 1. A. A. Harding, Director ( $\frac{2}{3}$ time, First 8 weeks).....      | 800     |       |
| (See Music) .....   | (400)   |       |
| (Total) .....   | (I 200) |       |
| 2. C. E. Sawhill, Assistant Director ( $\frac{1}{4}$ time, 16 weeks)..... | 367     |       |
| 3. Wages .....  | 333     | I 500 |

**Mining and Metallurgical Engineering Salary**

|  |       |       |
|--|-------|-------|
| 1. A. C. Forsyth, Assistant Professor (16 weeks).....  | I 300 |       |
| 2. E. J. Eckel, Assistant Professor (16 weeks).....    | I 467 |       |
| 3. B. G. Ricketts, Assistant Professor (16 weeks)..... | I 300 |       |
| 4. R. W. Bohl, Instructor (16 weeks).....              | I 120 |       |
| 5. J. H. Bechtold, Assistant (½ time, 16 weeks).....   | 550   |       |
| 6. Wages .....   | 200   | 5 937 |

**Music**

|   |         |        |
|---|---------|--------|
| 1. A. A. Harding, Professor (⅓ time, First 8 weeks).....                                | 400     |        |
| (See Military Bands).....   | (800)   |        |
| (Total Salary) .....  | (I 200) |        |
| 2. R. H. Miles, Professor (First 8 weeks).....  | 994     |        |
| 3. W. G. Hill, Professor (First 8 weeks).....   | I 169   |        |
| 4. Hubert Kessler, Professor (First 8 weeks).....                                       | 850     |        |
| 5. Sherman Schoonmaker, Professor (First 8 weeks).....                                  | 850     |        |
| 6. D. A. Branigan, Associate Professor and Acting Head of<br>Department (16 weeks)..... | I 617   |        |
| 7. W. L. Roosa, Associate Professor (½ time, First 8 weeks) ..                          | 334     |        |
| 8. Jane C. Watt, Associate Professor (First 8 weeks).....                               | 667     |        |
| 9. Paul Rolland, Associate Professor (First 8 weeks).....                               | 700     |        |
| 10. L. R. Hamp, Assistant Professor (First 8 weeks).....                                | 667     |        |
| 11. Mrs. Velma K. Wilson, Assistant Professor (First 8 weeks)                           | 634     |        |
| 12. King Kellogg, Assistant Professor (Second 8 weeks).....                             | 617     |        |
| 13. J. R. Kelly, Assistant Professor (Second 8 weeks).....                              | 584     |        |
| 14. Eleanor Shockey, Instructor (First 8 weeks).....                                    | 560     |        |
| 15. Beth Bradley, Instructor (First 8 weeks).....                                       | 560     |        |
| 16. Thelma E. Willett, Instructor (First 8 weeks).....                                  | 550     |        |
| 17. A. Morris Carter, Instructor (16 weeks).....  | I 120   |        |
| 18. L. E. Zirner, Instructor (First 8 weeks).....                                       | 600     |        |
| 19. L. A. Starr, Assistant (First 8 weeks).....   | 550     |        |
| 20. Mrs. Ruth H. Husa, Assistant (Second 8 weeks).....                                  | 550     |        |
| 21. John J. Schuster, Assistant (½ time, First 8 weeks).....                            | 275     |        |
| 22. Doris M. Dugan, Assistant (½ time, First 8 weeks).....                              | 275     |        |
| 23. W. P. Stroud, Assistant (¼ time, First 8 weeks).....                                | 138     | 15 261 |

**Philosophy**

|   |     |       |
|---|-----|-------|
| 1. J. A. Nicholson, Associate Professor (Second 8 weeks)..... | 767 |       |
| 2. B. J. Diggs, Instructor (First 8 weeks).....               | 600 |       |
| 3. M. L. Easterling, Assistant (¾ time, Second 8 weeks).....  | 330 |       |
| 4. D. J. Morris, Visiting Lecturer (First 8 weeks).....       | 700 |       |
| (20% overtime)  |     |       |
| 5. J. M. Anderson, Visiting Lecturer (First 8 weeks).....     | 600 |       |
| 6. Lewis Zerby, Visiting Lecturer (Second 8 weeks).....       | 600 | 3 597 |

**Physical Education for Men**

|   |       |  |
|---|-------|--|
| 1. S. C. Staley, Professor and Head of Department (½ time,<br>First 8 weeks)..... | 600   |  |
| 2. G. T. Stafford, Professor (First 8 weeks).....                                 | 925   |  |
| 3. T. K. Cureton, Jr., Professor (First 8 weeks).....                             | 959   |  |
| 4. J. H. Beard, Professor (¾ time, First 8 weeks).....                            | 480   |  |
| 5. C. O. Jackson, Associate Professor (⅞ time, 16 weeks).....                     | I 386 |  |
| 6. R. H. Johnson, Assistant Professor (First 8 weeks).....                        | 667   |  |
| 7. H. D. Price, Assistant Professor (½ time, First 8 weeks)...                    | 400   |  |
| 8. W. H. Roettger, Assistant Professor (½ time, First 8 weeks)                    | 584   |  |
| 9. G. C. Law, Assistant Professor (Second 8 weeks).....                           | 750   |  |
| 10. D. R. Mills, Assistant Professor (¾ time, First 8 weeks)...                   | 480   |  |
| 11. Raymond Eliot, Assistant Professor (1/7 time, First 8 weeks)                  | 172   |  |
| 12. R. E. Fletcher, Assistant Professor (½ time, First 8 weeks)                   | 525   |  |
| 13. A. E. Florio, Assistant Professor (Second 8 weeks).....                       | 650   |  |
| 14. L. T. Johnson, Associate (½ time, Second 8 weeks).....                        | 542   |  |

|   | <i>Salary</i> |        |
|---|---------------|--------|
| 15. H. J. Braun, Instructor ( $\frac{3}{4}$ time, 16 weeks).....            | 875           |        |
| 16. W. J. Huffman, Instructor ( $\frac{1}{2}$ time, Second 8 weeks).....    | 310           |        |
| 17. P. A. Hunsicker, Instructor ( $\frac{2}{3}$ time, First 8 weeks).....   | 240           |        |
| 18. J. G. Wolf, Instructor ( $\frac{1}{2}$ time, First 8 weeks).....        | 300           |        |
| 19. D. E. Latham, Instructor ( $\frac{3}{4}$ time, First 8 weeks).....      | 430           |        |
| 20. B. H. Massey, Instructor ( $\frac{1}{2}$ time, First 8 weeks).....      | 275           |        |
| 21. H. J. Montoye, Assistant ( $\frac{1}{2}$ time, 16 weeks).....           | 550           |        |
| 22. T. F. Buckley, Assistant (16 weeks).....                                | I 100         |        |
| 23. D. M. Green, Assistant ( $\frac{1}{4}$ time, First 8 weeks).....        | 138           |        |
| 24. H. G. Benson, Assistant ( $\frac{1}{4}$ time, First 8 weeks).....       | 138           |        |
| 25. W. S. Krueger, Jr., Assistant ( $\frac{1}{4}$ time, First 8 weeks)..... | 138           |        |
| 26. R. R. Abbot, Assistant ( $\frac{1}{4}$ time, First 8 weeks).....        | 138           |        |
| 27. I. W. Schaffer, Assistant ( $\frac{1}{4}$ time, First 8 weeks).....     | 138           |        |
| 28. J. T. Tripp, Assistant ( $\frac{1}{4}$ time, First 8 weeks).....        | 138           |        |
| 29. A. L. Wilson, Jr., Assistant ( $\frac{1}{4}$ time, First 8 weeks).....  | 138           |        |
| 30. A. D. Stradtman, Assistant ( $\frac{1}{4}$ time, First 8 weeks).....    | 138           | 14 304 |

#### Physical Education for Women

|   |     |       |
|---|-----|-------|
| 1. Carita Robertson, Assistant Professor (First 8 weeks).....   | 650 |       |
| 2. M. Florence Lawson, Assistant Professor (First 8 weeks)...   | 650 |       |
| 3. Mrs. Margaret S. Mains, Assistant Professor (First 8 weeks)  | 567 |       |
| 4. Dorothy Deach, Visiting Instructor (First 8 weeks).....      | 550 |       |
| 5. —————, Instructor ( $\frac{1}{2}$ time, Second 8 weeks)..... | 280 |       |
| 6. —————, Instructor ( $\frac{1}{2}$ time, Second 8 weeks)..... | 280 |       |
| 7. Ruth Hoover, Visiting Lecturer (First 8 weeks).....          | 700 | 3 677 |

#### Physics

|   |       |  |
|---|-------|--|
| 1. F. W. Loomis, Professor and Head of Department (First 8 weeks).....      | I 200 |  |
| 2. J. H. Bartlett, Professor (First 8 weeks).....                           | 800   |  |
| 3. Moritz Goldhaber, Professor (First 8 weeks).....                         | I 000 |  |
| 4. P. G. Kruger, Professor (Second 8 weeks).....                            | I 200 |  |
| 5. R. F. Paton, Associate Professor (First 8 weeks).....                    | 800   |  |
| 6. E. H. Williams, Associate Professor (16 weeks).....                      | I 400 |  |
| 7. E. M. Lyman, Associate Professor (First 8 weeks).....                    | 934   |  |
| 8. S. M. Dancoff, Associate Professor (First 8 weeks).....                  | 933   |  |
| 9. R. D. Rawcliffe, Assistant Professor (Second 8 weeks)....                | 884   |  |
| 10. C. W. Sherwin, Assistant Professor (First 8 weeks).....                 | 784   |  |
| 11. G. F. Tape, Assistant Professor (First 8 weeks).....                    | 784   |  |
| 12. A. O. Hanson, Assistant Professor (First 8 weeks).....                  | 800   |  |
| 13. R. A. Becker, Assistant Professor (Second 8 weeks).....                 | 750   |  |
| 14. R. T. Anderson, Assistant ( $\frac{1}{2}$ time, 16 weeks).....          | 575   |  |
| 15. A. L. Atkins, Assistant ( $\frac{1}{3}$ time, 16 weeks).....            | 383   |  |
| 16. W. L. Bendel, Assistant ( $\frac{3}{4}$ time, 16 weeks).....            | 863   |  |
| 17. H. J. Bowlden, Assistant ( $\frac{3}{4}$ time, 16 weeks).....           | 863   |  |
| 18. W. H. Braun, Assistant ( $\frac{2}{3}$ time, 16 weeks).....             | 767   |  |
| 19. W. L. Buck, Assistant ( $\frac{1}{3}$ time, 16 weeks).....              | 383   |  |
| 20. R. J. Burke, Assistant ( $\frac{2}{3}$ time, Second 8 weeks).....       | 383   |  |
| 21. W. A. Butler, Assistant ( $\frac{1}{3}$ time, First 8 weeks).....       | 192   |  |
| 22. J. M. Caughey, Assistant ( $\frac{1}{3}$ time, First 8 weeks).....      | 192   |  |
| 23. H. H. Coburn, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....       | 288   |  |
| 24. Marius Cohn, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....        | 288   |  |
| 25. C. D. Curtis, Assistant ( $\frac{1}{3}$ time, First 8 weeks).....       | 192   |  |
| 26. S. D. Drell, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....        | 288   |  |
| 27. J. O. Erkman, Assistant ( $\frac{1}{3}$ time, 16 weeks).....            | 383   |  |
| 28. R. J. Evey, Assistant ( $\frac{1}{3}$ time, First 8 weeks).....         | 192   |  |
| 29. E. G. Fuller, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....       | 288   |  |
| 30. F. V. Fend, Assistant ( $\frac{2}{3}$ time, 16 weeks).....              | 767   |  |
| 31. A. J. Hatch, Assistant ( $\frac{11}{24}$ time, 16 weeks).....           | 527   |  |
| 32. Gladys I. Heinlein, Assistant ( $\frac{1}{2}$ time, First 8 weeks)..... | 288   |  |

|   | Salary |        |
|---|--------|--------|
| 33. H. W. Hubbard, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....  | 383    |        |
| 34. Edna E. Indritz, Assistant (21/25 time, 16 weeks).....              | 988    |        |
| 35. Carol Kousnetz, Assistant ( $\frac{2}{3}$ time, First 8 weeks)..... | 383    |        |
| 36. F. W. Kuether, Assistant (First 8 weeks).....                       | 575    |        |
| 37. A. L. Lathrop, Assistant (16 weeks).....                            | I 150  |        |
| 38. C. J. McDole, Assistant ( $\frac{1}{2}$ time, 16 weeks).....        | 575    |        |
| 39. E. B. McNeil, Assistant ( $\frac{1}{2}$ time, 16 weeks).....        | 575    |        |
| 40. W. A. Michael, Assistant ( $\frac{1}{3}$ time, 16 weeks).....       | 383    |        |
| 41. J. W. Mihelich, Assistant (7/12 time, 16 weeks).....                | 671    |        |
| 42. W. G. Moulton, Assistant (5/12 time, 16 weeks).....                 | 480    |        |
| 43. R. E. Norberg, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....  | 383    |        |
| 44. Jehuda Ovadia, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....  | 288    |        |
| 45. A. J. Saur, Assistant ( $\frac{2}{3}$ time, First 8 weeks).....     | 383    |        |
| 46. W. W. Schoof, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....   | 288    |        |
| 47. F. J. Shore, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....    | 288    |        |
| 48. Robert Stump, Assistant ( $\frac{1}{3}$ time, First 8 weeks).....   | 192    |        |
| 49. Allan VanDuren, Assistant ( $\frac{1}{3}$ time, First 8 weeks)..... | 192    |        |
| 50. J. R. Van Horn, Assistant ( $\frac{2}{3}$ time, First 8 weeks)..... | 192    |        |
| 51. Ephraim Weiss, Assistant ( $\frac{1}{3}$ time, First 8 weeks).....  | 192    |        |
| 52. G. V. Wheeler, Assistant ( $\frac{1}{2}$ time, 16 weeks).....       | 575    |        |
| 53. Dorothy J. Williams, Assistant (First 8 weeks).....                 | 575    |        |
| 54. M. E. Wymn, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....     | 288    |        |
| 55. E. J. Zimmerman, Assistant ( $\frac{1}{2}$ time, 16 weeks).....     | 575    |        |
| 56. M. E. Remley, Assistant ( $\frac{1}{2}$ time, 16 weeks).....        | 575    | 31 490 |

#### Political Science

|  |     |       |
|--|-----|-------|
| 1. M. Q. Sibley, Assistant Professor (Second 8 weeks).....             | 584 |       |
| 2. George Manner, Assistant Professor (First 8 weeks).....             | 584 |       |
| 3. N. F. Garvey, Instructor ( $\frac{1}{2}$ time, 16 weeks).....       | 667 |       |
| 4. F. H. Jonas, Visiting Lecturer (First 8 weeks).....                 | 750 |       |
| 5. H. W. Barber, Visiting Lecturer (First 8 weeks).....                | 800 |       |
| 6. J. H. Leek, Visiting Lecturer (First 8 weeks).....                  | 800 |       |
| 7. Frank Grace, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....    | 275 |       |
| 8. J. H. Millett, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....  | 275 |       |
| 9. A. L. Bennett, Assistant ( $\frac{1}{2}$ time, Second 8 weeks)..... | 275 |       |
| 10. L. C. Stine, Assistant ( $\frac{1}{2}$ time, Second 8 weeks).....  | 275 |       |
| 11. ———, Visiting Lecturer (Second 8 weeks).....                       | 750 | 6 035 |

#### Psychology

|   |       |       |
|---|-------|-------|
| 1. Herbert Woodrow, Professor and Head of Department (First 8 weeks).....   | I 200 |       |
| 2. P. T. Young, Professor (First 8 weeks).....                              | 917   |       |
| 3. G. D. Higginson, Professor (Second 8 weeks).....                         | 800   |       |
| 4. L. L. McQuitty, Associate Professor (First 8 weeks).....                 | 834   |       |
| 5. I. A. Berg, Assistant Professor ( $\frac{3}{4}$ time, First 8 weeks).... | 380   |       |
| (See Library Science).....  | (254) |       |
| (Total Salary).....   | (634) |       |
| 6. J. F. Humes, Assistant Professor (First 8 weeks).....                    | 734   |       |
| 7. D. M. Johnson, Assistant Professor (Second 8 weeks).....                 | 617   |       |
| 8. W. G. McAllister, Assistant Professor (Second 8 weeks)....               | 617   |       |
| 9. D. A. Gordon, Instructor (First 8 weeks).....                            | 560   |       |
| 10. F. J. Holmes, Instructor (16 weeks).....                                | I 200 | 7 859 |

#### Social Welfare Administration

|  |       |       |
|--|-------|-------|
| 1. Marietta Stevenson, Professor (First 8 weeks).....                  | I 000 |       |
| 2. Mrs. Katharine N. Handley, Associate Professor (First 8 weeks)..... | 767   |       |
| 3. Edward Linzer, Assistant Professor (First 8 weeks).....             | 634   |       |
| 4. D. Katharine Rogers, Assistant Professor (First 8 weeks)...         | 634   | 3 035 |



| <b>Sociology</b>   |     | <i>Salary</i> |
|--|-----|---------------|
| 1. D. R. Taft, Professor (First 8 weeks).....                  | 875 |               |
| 2. D. E. Lindstrom, Professor (First 8 weeks).....             | 900 |               |
| 3. B. F. Timmons, Associate Professor (First 8 weeks).....     | 784 |               |
| 4. J. E. Hulett, Jr., Assistant Professor (Second 8 weeks).... | 700 |               |
| 5. Max Kaplan, Assistant (First 8 weeks).....                  | 550 |               |
| 6. W. N. Breymann, Assistant (First 8 weeks).....              | 550 |               |
| 7. J. R. Hambenne, Assistant (Second 8 weeks).....             | 550 | 4 909         |

**Spanish and Italian**

|   |       |        |
|---|-------|--------|
| 1. John Van Horne, Professor and Head of Department (Second 8 weeks)..... | I 192 |        |
| 2. Arthur Hamilton, Professor (First 8 weeks).....                        | 950   |        |
| 3. H. R. Kahane, Associate Professor (First 8 weeks).....                 | 750   |        |
| 4. J. S. Flores, Assistant Professor (First 8 weeks).....                 | 584   |        |
| 5. Angelina R. Pietrangeli, Assistant Professor (First 8 weeks)           | 584   |        |
| 6. Mrs. Renée T. Kahane, Instructor (½ time, First 8 weeks)               | 280   |        |
| 7. E. E. Howard, Assistant (Second 8 weeks).....                          | 550   |        |
| 8. Mrs. Barbara B. Saloom, Assistant (½ time, 16 weeks)....               | 550   |        |
| 9. Mrs. Ruth C. Fosnaugh, Assistant (First 8 weeks).....                  | 550   |        |
| 10. H. P. Reeves, Assistant (First 8 weeks).....                          | 550   |        |
| 11. Catalina Spinetto, Assistant (First 8 weeks).....                     | 550   |        |
| 12. Helen B. Sher, Assistant (First 8 weeks).....                         | 550   |        |
| 13. S. L. Murphy, Jr., Assistant (½ time, First 8 weeks).....             | 275   |        |
| 14. Mrs. Alice M. Lane, Assistant (½ time, First 8 weeks)....             | 275   |        |
| 15. Betty Lou Preston, Assistant (½ time, 16 weeks).....                  | 550   |        |
| 16. Mrs. Jean S. Chittenden, Assistant (½ time, First 8 weeks)            | 275   |        |
| 17. Richard Beym, Assistant (½ time, Second 8 weeks).....                 | 275   |        |
| 18. Elbert W. Ringo, Assistant (½ time, 16 weeks).....                    | 550   |        |
| 19. Edith Eunice Clark, Assistant (½ time, First 8 weeks)....             | 275   |        |
| 20. Mrs. Virginia K. Clutter, Assistant (½ time, Second 8 weeks) .....    | 275   |        |
| 21. Madelyn Lucille Rice, Assistant (½ time, July and August)             | 275   |        |
| 22. R. D. McWilliams, Visiting Lecturer (½ time, First 8 weeks)           | 275   | 10 940 |

**Theoretical and Applied Mechanics**

|   |       |        |
|---|-------|--------|
| 1. J. O. Draffin, Professor (16 weeks).....                   | I 667 |        |
| 2. W. M. Lansford, Associate Professor (16 weeks).....        | I 434 |        |
| 3. W. L. Collins, Associate Professor (First 8 weeks).....    | 717   |        |
| 4. J. O. Smith, Assistant Professor (16 weeks).....           | I 334 |        |
| 5. P. G. Jones, Assistant Professor (16 weeks).....           | I 267 |        |
| 6. H. M. Fitch, Assistant Professor (16 weeks).....           | I 200 |        |
| 7. W. E. Black, Assistant Professor (16 weeks).....           | I 200 |        |
| 8. R. L. Brown, Associate (16 weeks).....                     | I 267 |        |
| 9. W. I. Mitchell, Instructor (16 weeks).....                 | I 200 |        |
| 10. W. G. Murphy, Instructor (16 weeks).....                  | I 120 |        |
| 11. W. J. Worley, Instructor (16 weeks).....                  | I 200 |        |
| 12. R. L. Sutherland, Instructor (¾ time, First 8 weeks)..... | 400   |        |
| 13. C. B. Monk, Jr., Instructor (¾ time, Second 8 weeks)..... | 420   |        |
| 14. D. C. Broughton, Instructor (¾ time, First 8 weeks).....  | 140   |        |
| 15. O. M. Sidebottom, Instructor (First 8 weeks).....         | 600   |        |
| 16. W. M. Owen, Assistant (16 weeks).....                     | I 160 |        |
| 17. Wages for part-time Assistants.....                       | 2 400 | 18 726 |

**Veterinary Pathology and Hygiene**

|   |     |     |
|---|-----|-----|
| 1. N. D. Levine, Assistant Professor (½ time, First 8 weeks)... | 367 | 367 |
|---|-----|-----|

**Zoology and Physiology**

|   |       |  |
|---|-------|--|
| 1. C. G. Hartman, Professor and Head of Department (First 8 weeks)..... | I 200 |  |
| 2. H. J. Van Cleave, Professor of Zoology (First 8 weeks)...            | I 084 |  |

|   | <i>Salary</i> |
|---|---------------|
| 3. R. R. Kudo, Professor of Zoology (First 8 weeks).....  | 867           |
| 4. F. B. Adamstone, Professor of Zoology (Second 8 weeks)...                                    | 850           |
| 5. F. R. Steggerda, Associate Professor of Physiology (First 8 weeks).....                      | 750           |
| 6. S. C. Kendeigh, Associate Professor of Zoology (Second 8 weeks).....                         | 709           |
| 7. B. V. Hall, Associate Professor of Zoology (First 8 weeks)                                   | 700           |
| 8. R. M. Melampy, Associate Professor of Physiology (First 8 weeks).....                        | 700           |
| 9. W. M. Luce, Assistant Professor of Zoology (Second 8 weeks).....                             | 642           |
| 10. D. F. Hoffmeister, Assistant Professor of Zoology ( $\frac{7}{8}$ time, 16 weeks).....      | 1 050         |
| 11. Lester Ingle, Assistant Professor of Zoology (First 8 weeks)                                | 600           |
| 12. A. B. Taylor, Assistant Professor of Physiology (Second 8 weeks).....                       | 600           |
| 13. H. B. Chase, Assistant Professor of Zoology (Second 8 weeks).....                           | 600           |
| 14. H. M. Smith, Assistant Professor of Zoology (16 weeks).....                                 | 1 200         |
| 15. M. R. Matteson, Instructor in Zoology (First 8 weeks)....                                   | 600           |
| 16. B. B. Blivaiss, Instructor in Physiology (First 8 weeks)....                                | 580           |
| 17. Ruth T. Krouse, Instructor in Physiology (First 8 weeks)...                                 | 560           |
| 18. Jae L. Littrell, Assistant in Zoology ( $\frac{3}{4}$ time, 16 weeks)...                    | 825           |
| 19. L. B. Kirschner, Assistant in Zoology ( $\frac{1}{2}$ time, First 8 weeks).....             | 275           |
| 20. H. B. Saslow, Assistant in Zoology ( $\frac{1}{2}$ time, First 8 weeks)                     | 275           |
| 21. F. W. Stemler, Jr., Assistant in Zoology ( $\frac{1}{2}$ time, First 8 weeks).....          | 275           |
| 22. W. A. Teppert, Assistant in Zoology ( $\frac{1}{2}$ time, First 8 weeks).....               | 275           |
| 23. H. T. Wiebe, Assistant in Zoology ( $\frac{1}{2}$ time, First 8 weeks)                      | 275           |
| 24. Joan Staats, Assistant in Zoology ( $\frac{1}{2}$ time, First 8 weeks)...                   | 275           |
| 25. Mary F. Thometz, Assistant in Zoology ( $\frac{1}{2}$ time, First 8 weeks).....             | 275           |
| 26. R. W. Alrutz, Assistant in Zoology ( $\frac{1}{2}$ time, Second 8 weeks).....               | 275           |
| 27. C. A. Blomquist, Assistant in Zoology ( $\frac{1}{2}$ time, Second 8 weeks).....            | 275           |
| 28. A. O. Flechsig, Assistant in Zoology ( $\frac{1}{2}$ time, Second 8 weeks).....             | 275           |
| 29. R. M. Chew, Assistant in Zoology ( $\frac{1}{2}$ time, Second 8 weeks)                      | 275           |
| 30. Marjorie A. Van Vranken, Assistant in Physiology ( $\frac{1}{2}$ time, Second 8 weeks)..... | 275           |
| 31. C. W. Nixon, Assistant in Zoology ( $\frac{1}{4}$ time, First 8 weeks)                      | 138           |
| 32. J. F. McClellan, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....                        | 275           |
| 33. Muriel K. Stember, Assistant ( $\frac{1}{2}$ time, First 8 weeks).....                      | 275           |
| 34. D. W. Bishop, Visiting Lecturer in Zoology (First 8 weeks)                                  | 600           |
| Unassigned Salaries (to be assigned by the Dean).....   | 18 705        |
| <i>Total, Summer Session, Urbana</i> .....  | \$683 654     |

#### CHICAGO UNDERGRADUATE DIVISION

(All appointments for full time for eight weeks unless otherwise indicated.)

##### Biological Sciences

|   |     |
|---|-----|
| 1. D. L. Hopkins, Associate Professor.....              | 964 |
| 2. J. F. Groves, Assistant Professor.....               | 817 |
| 3. Mrs. Harriet Rubinstein, Instructor.....             | 520 |
| 4. E. B. Little, Instructor.....                        | 600 |
| 5. Alice Byrne, Instructor.....                         | 550 |
| 6. A. D. Pickett, Instructor ( $\frac{1}{2}$ time)..... | 300 |

|   | <i>Salary</i> |       |
|---|---------------|-------|
| 7. Robert Finkelstein, Instructor.....    | 660           |       |
| 8. Mrs. Rita J. Faughnan, Instructor..... | 550           |       |
| 9. ———, Instructor.....                   | 550           | 5 511 |

**Humanities**

|  |       |        |
|--|-------|--------|
| 1. E. C. Van Keuren, Associate Professor.....                            | 1 000 |        |
| 2. W. M. Schuyler, Assistant Professor.....                              | 764   |        |
| 3. Mrs. Rebecca A. Dewey, Assistant Professor ( $\frac{3}{4}$ time)..... | 485   |        |
| (See Student Personnel Bureau).....                                      | (100) |        |
| (Total Salary).....  | (585) |        |
| 4. H. E. Smith, Assistant Professor ( $\frac{3}{4}$ time).....           | 485   |        |
| 5. Mrs. Anna W. Kenny, Assistant Professor ( $\frac{1}{2}$ time).....    | 364   |        |
| 6. E. S. Willner, Assistant Professor.....                               | 691   |        |
| 7. Helen J. Hovde, Instructor.....                                       | 720   |        |
| 8. Margaret R. Henderson, Instructor.....                                | 720   |        |
| 9. J. B. Fuller, Instructor.....   | 720   |        |
| 10. Gleah D. Brown, Instructor.....                                      | 680   |        |
| 11. Mrs. Willie N. Love, Instructor ( $\frac{1}{2}$ time).....           | 340   |        |
| 12. Mrs. Ferdina J. Capparelli, Instructor.....                          | 640   |        |
| 13. Sylvia Pinsky, Instructor ( $\frac{2}{3}$ time).....                 | 400   |        |
| 14. Mrs. Ilse E. Neumann, Instructor.....                                | 580   |        |
| 15. Joan E. Byam, Instructor.....  | 560   |        |
| 16. Virginia A. Kelly, Instructor.....                                   | 560   |        |
| 17. Kathryn H. Quinlan, Instructor ( $\frac{1}{2}$ time).....            | 280   |        |
| 18. Mrs. Elizabeth V. Wright, Instructor ( $\frac{1}{2}$ time).....      | 280   |        |
| 19. A. D. Hartoch, Instructor.....                                       | 550   |        |
| 20. M. June Richey, Instructor.....                                      | 550   |        |
| 21. Maurita F. Willett, Instructor.....                                  | 550   |        |
| 22. Mrs. Lucille J. Webster, Instructor ( $\frac{1}{2}$ time).....       | 275   |        |
| 23. Mrs. Clara S. Skogen, Instructor.....                                | 550   |        |
| 24. Mrs. Rena M. Williams, Instructor ( $\frac{1}{2}$ time).....         | 275   |        |
| 25. Mrs. Betty J. Binder, Instructor.....                                | 550   |        |
| 26. Mrs. Frances M. Goulson, Instructor.....                             | 560   |        |
| 27. Mrs. Martha Q. Denny, Instructor.....                                | 640   |        |
| 28. Mrs. Constance K. Adelman, Instructor ( $\frac{2}{3}$ time).....     | 320   |        |
| 29. Blanche B. McGuire, Instructor.....                                  | 600   |        |
| 30. Marie A. Zeilstra, Instructor ( $\frac{2}{3}$ time).....             | 320   |        |
| 31. ———, Instructor.....   | 600   | 16 609 |

**Mathematics**

|   |       |       |
|---|-------|-------|
| 1. J. J. Corliss, Associate Professor.....    | 1 090 |       |
| 2. Evelyn Frank, Assistant Professor.....     | 727   |       |
| 3. Winifred V. Berglund, Instructor.....      | 720   |       |
| 4. R. G. Stoneham, Instructor.....            | 550   |       |
| 5. H. S. Levin, Instructor.....               | 550   |       |
| 6. Mrs. Madeleine P. Grenard, Instructor..... | 680   |       |
| 7. Rose L. Hornacek, Instructor.....          | 560   |       |
| 8. Alice J. Froseth, Instructor.....          | 550   |       |
| 9. Grace M. Nolan, Instructor.....            | 550   |       |
| 10. I. K. Feinstein, Instructor.....          | 550   |       |
| 11. Mrs. Helen W. Sears, Instructor.....      | 550   |       |
| 12. Marjorie Croft, Instructor.....           | 550   |       |
| 13. ———, Instructor.....                      | 600   | 8 227 |

**Physical Sciences**

|  |     |  |
|--|-----|--|
| 1. C. R. Meloy, Assistant Professor.....     | 964 |  |
| 2. J. V. Mansfield, Assistant Professor..... | 909 |  |
| 3. Sam Silbergeld, Assistant Professor.....  | 709 |  |
| 4. P. R. Wright, Instructor.....             | 720 |  |
| 5. R. H. Elliston, Instructor.....           | 550 |  |
| 6. Ogden Livermore, Instructor.....          | 760 |  |

|   | <i>Salary</i> |       |
|---|---------------|-------|
| 7. Mary Gaughan, Instructor ( $\frac{1}{2}$ time).....          | 275           |       |
| 8. S. L. Kell, Instructor.....                                  | 600           |       |
| 9. Rudolph Rabin, Instructor.....                               | 600           |       |
| 10. Jerome Greenblau, Instructor.....                           | 600           |       |
| 11. Cecil Schwartz, Instructor ( $\frac{1}{2}$ time).....       | 275           |       |
| 12. Harold Kulbarsh, Instructor ( $\frac{1}{2}$ time).....      | 275           |       |
| 13. Mrs. Elizabeth Swift, Instructor ( $\frac{1}{2}$ time)..... | 275           |       |
| 14. Patricia Heffernan, Instructor ( $\frac{1}{2}$ time).....   | 275           |       |
| 15. Jeanne Kiley, Instructor ( $\frac{1}{2}$ time).....         | 275           |       |
| 16. Mary J. Fox, Instructor.....                                | 560           |       |
| 17. Meyer Chercasky, Instructor ( $\frac{1}{2}$ time).....      | 275           |       |
| 18. F. L. Koranda, Instructor.....                              | 560           |       |
| 19. R. L. Miller, Instructor ( $\frac{1}{2}$ time).....         | 275           | 9 732 |

**Social Sciences**

|  |       |       |
|--|-------|-------|
| 1. Mrs. Wanda N. Gum, Assistant Professor..... | 727   |       |
| (See Student Personnel Bureau).....            | (100) |       |
| (Total Salary).....                            | (827) |       |
| 2. E. A. Lipman, Assistant Professor.....      | 691   |       |
| (See Student Personnel Bureau).....            | (100) |       |
| (Total Salary).....                            | (791) |       |
| 3. Monica Kusch, Instructor.....               | 640   |       |
| 4. F. E. Eastburg, Instructor.....             | 600   |       |
| 5. Mrs. Mary McRae Colby, Instructor.....      | 600   |       |
| 6. Mrs. Priscilla P. Bromley, Instructor.....  | 600   |       |
| 7. P. E. Siegle, Instructor.....               | 540   |       |
| (See Student Personnel Bureau).....            | (100) |       |
| (Total Salary).....                            | (640) |       |
| 8. _____, Instructor.....                      | 600   |       |
| 9. _____, Instructor.....                      | 600   |       |
| 10. _____, Instructor.....                     | 600   |       |
| 11. _____, Instructor.....                     | 600   |       |
| 12. _____, Instructor.....                     | 600   |       |
| 13. _____, Visiting Lecturer.....              | 725   | 8 123 |

**Engineering Sciences**

|   |       |        |
|---|-------|--------|
| 1. J. S. Kozacka, Associate Professor.....                  | I 182 |        |
| 2. R. M. Price, Assistant Professor.....                    | 727   |        |
| (See Student Personnel Bureau).....                         | (100) |        |
| (Total Salary).....   | (827) |        |
| 3. F. C. W. Olson, Assistant Professor.....                 | 818   |        |
| 4. S. E. Shapiro, Assistant Professor.....                  | 818   |        |
| 5. H. D. Walraven, Assistant Professor.....                 | 727   |        |
| 6. A. W. Hershey, Instructor.....                           | 800   |        |
| 7. H. L. Mikolajczyk, Instructor ( $\frac{2}{3}$ time)..... | 600   |        |
| 8. A. J. DeFilippis, Instructor.....                        | 800   |        |
| 9. C. T. McDonald, Instructor.....                          | 600   |        |
| 10. R. E. Kennedy, Instructor.....                          | 720   |        |
| 11. A. F. Silkett, Instructor.....                          | 720   |        |
| 12. H. J. Johnson, Instructor.....                          | 660   |        |
| (See Student Personnel Bureau).....                         | (100) |        |
| (Total Salary).....   | (760) |        |
| 13. E. E. Burr, Instructor.....                             | 600   |        |
| 14. D. M. Holladay, Instructor.....                         | 600   |        |
| 15. W. K. LeBold, Instructor.....                           | 550   | 10 922 |

**Commerce and Business Administration**

|   |     |
|---|-----|
| 1. Samuel Fox, Assistant Professor of Accountancy.....  | 728 |
| 2. C. H. Gillett, Assistant Professor of Economics..... | 728 |

|  | <i>Salary</i> |       |
|--|---------------|-------|
| 3. W. J. Dunne, Instructor in Economics ( $\frac{4}{5}$ time)..... | 560           |       |
| 4. J. M. Finamore, Instructor in Economics.....                    | 600           |       |
| 5. H. H. Graf, Instructor in Economics ( $\frac{4}{5}$ time).....  | 480           |       |
| 6. Josephine A. Johnson, Instructor in Accountancy.....            | 600           |       |
| 7. E. C. Knudson, Instructor in Economics.....                     | 600           |       |
| 8. Janice Nystrom, Instructor in Economics.....                    | 700           |       |
| 9. T. E. Ridley, Instructor in Economics.....                      | 600           |       |
| (See Student Personnel Bureau).....                                | (100)         |       |
| (Total Salary).....  | (700)         |       |
| 10. H. G. Yankow, Instructor in Accountancy.....                   | 600           |       |
| 11. E. W. Berg, Assistant in Accountancy.....                      | 560           |       |
| 12. R. A. Howard, Jr., Assistant in Accountancy.....               | 560           |       |
| 13. R. M. Kamins, Assistant in Economics.....                      | 560           |       |
| 14. C. M. Larson, Assistant in Economics.....                      | 560           |       |
| 15. J. R. Morris, Assistant in Economics.....                      | 560           |       |
| 16. A. J. Schneider, Assistant in Accountancy.....                 | 560           | 9 556 |

#### Physical Education

|  |     |       |
|--|-----|-------|
| 1. Helen M. Barton, Assistant Professor.....   | 860 |       |
| 2. D. B. Keyser, Instructor.....               | 560 |       |
| 3. Sheldon Fordham, Instructor.....            | 560 |       |
| 4. _____, Instructor.....                      | 560 |       |
| 5. Inez Nagai, Instructor.....                 | 550 |       |
| 6. _____, Instructor.....                      | 550 |       |
| 7. _____, Assistant ( $\frac{1}{2}$ time)..... | 275 | 3 915 |

#### Student Personnel Bureau

|  |       |           |
|--|-------|-----------|
| 1. Mrs. Rebecca A. Dewey, Assistant Professor..... | 100   |           |
| (See Humanities).....                              | (485) |           |
| (Total Salary).....                                | (585) |           |
| 2. Mrs. Wanda N. Gum, Assistant Professor.....     | 100   |           |
| (See Social Sciences).....                         | (727) |           |
| (Total Salary).....                                | (827) |           |
| 3. E. A. Lipman, Assistant Professor.....          | 100   |           |
| (See Social Sciences).....                         | (691) |           |
| (Total Salary).....                                | (791) |           |
| 4. R. M. Price, Assistant Professor.....           | 100   |           |
| (See Engineering Sciences).....                    | (727) |           |
| (Total Salary).....                                | (827) |           |
| 5. H. J. Johnson, Instructor.....                  | 100   |           |
| (See Engineering Sciences).....                    | (660) |           |
| (Total Salary).....                                | (760) |           |
| 6. P. E. Siegle, Instructor.....                   | 100   |           |
| (See Social Sciences).....                         | (540) |           |
| (Total Salary).....                                | (640) |           |
| 7. T. E. Ridley, Instructor.....                   | 100   |           |
| (See Commerce and Business Administration).....    | (600) |           |
| (Total Salary).....                                | (700) | 700       |
| Total, Chicago Undergraduate Division.....         |       | \$ 73 295 |

#### GALESBURG UNDERGRADUATE DIVISION

(All appointments for full time for eight weeks unless otherwise indicated.)

#### Commerce and Business Administration

|   |     |       |
|---|-----|-------|
| 1. E. H. Shideler, Associate Professor.....             | 834 |       |
| 2. Cleo P. Casady, Instructor.....                      | 550 |       |
| 3. Isabelle Purnell, Instructor.....                    | 555 |       |
| 4. C. H. Jackman, Instructor ( $\frac{3}{4}$ time)..... | 400 |       |
| 5. Don W. Arnold, Instructor.....                       | 667 | 3 006 |

| <b>Humanities</b>  |       | <i>Salary</i> |     |
|--|-------|---------------|-----|
| 1. Robert Y. Robb, Instructor.....                           | 578   |               |     |
| 2. Vera O'Hara, Instructor.....                              | 610   |               |     |
| 3. Dorothy Odell, Instructor.....                            | 600   |               |     |
| 4. William Reuter, Instructor.....                           | 610   |               |     |
| 5. George E. Jones, Instructor.....                          | 578   |               |     |
| 6. Genevieve O'Haven, Instructor (½ time).....               | 289   |               |     |
| 7. Joseph Kupcek, Instructor.....                            | 550   |               |     |
| 8. Johanna Ogden, Instructor.....                            | 800   |               |     |
| 9. Beulah Charmley, Instructor.....                          | 712   | 5             | 327 |
| <b>Social Sciences</b>                                       |       |               |     |
| 1. William Habberton, Assistant Professor.....               | 750   |               |     |
| 2. _____, Assistant Professor (one month only).....          | 375   |               |     |
| 3. Marjorie Smith, Instructor.....                           | 550   |               |     |
| 4. Gladys Webber, Instructor.....                            | 667   | 2             | 342 |
| <b>Engineering Sciences</b>                                  |       |               |     |
| 1. Edwin Seifert, Instructor.....                            | 778   |               |     |
| 2. Howard Nelson, Instructor.....                            | 712   |               |     |
| 3. A. M. Johnson, Instructor.....                            | 667   |               |     |
| 4. Harvey Mullen, Assistant.....                             | 550   |               |     |
| 5. R. L. Johnston, Assistant.....                            | 550   | 3             | 257 |
| <b>Physical Education</b>                                    |       |               |     |
| 1. Floyd T. Siewert, Assistant Professor (6 weeks only)..... | 573   |               |     |
| 2. Dale A. Lacky, Instructor (2 weeks only).....             | 161   |               | 734 |
| <b>Natural Sciences</b>                                      |       |               |     |
| <i>Chemistry</i>   |       |               |     |
| 1. Alfred Strepek, Instructor.....                           | 800   |               |     |
| 2. J. Lester Dalton, Instructor.....                         | 800   |               |     |
| 3. David Marble, Instructor.....                             | 800   |               |     |
| 4. Alfred Schenkman, Instructor.....                         | 667   |               |     |
| 5. Joseph Botts, Instructor.....                             | 778   | 3             | 845 |
| <i>Botany</i>  |       |               |     |
| 6. A. C. Walton, Instructor.....                             | 600   |               |     |
| 7. Jane Grubgeld, Instructor.....                            | 578   |               |     |
| 8. Garwood Braun, Assistant.....                             | 578   | 1             | 756 |
| <b>Mathematics</b>   |       |               |     |
| 1. D. W. Snader, Associate Professor.....                    | 1 091 |               |     |
| 2. D. J. Walker, Instructor.....                             | 600   |               |     |
| 3. W. A. Lafferty, Instructor.....                           | 700   |               |     |
| 4. Ralph Raymond, Instructor.....                            | 712   |               |     |
| 5. Elsie Muller, Instructor.....                             | 670   |               |     |
| 6. Raymond Carroll, Assistant.....                           | 667   |               |     |
| 7. Elizabeth Appleton, Assistant.....                        | 623   | 5             | 063 |
| <i>Total, Galesburg Undergraduate Division.....</i>          |       | \$ 25 330     |     |

**COLLEGE OF PHARMACY**

|   |     |   |     |
|---|-----|---|-----|
| 1. H. L. Davis, Associate Professor of Chemistry..... | 883 |   |     |
| 2. E. R. Kirch, Assistant Professor of Chemistry..... | 667 | 1 | 550 |

## CURRICULUM IN FOOD TECHNOLOGY

(Approved by the Board, page 394)

*For the Degree of Bachelor of Science in Food Technology*

This curriculum is for students who wish to prepare for employment in the food industries. By appropriate choice of electives and, where possible, by summer employment in selected industries the individual may fit himself for entrance and advancement in one of numerous technical or business phases of the food industries.

| <i>Requirements</i>   | <i>Semester<br/>Hours</i> |
|---|---------------------------|
| Prescribed courses as listed below: 90 to 92 semester hours for men,<br>or 86 to 88 semester hours for women..... | 86 to 92                  |
| Group I electives, technical agriculture courses, listed below.....   | 25                        |
| Group II electives, humanities and social studies, listed below.....  | 8                         |
| Group III electives, technical and business courses other than<br>agriculture.....                                | 5                         |
| Free electives.....   | 0 to 6                    |
| <i>Total Required for Graduation.....</i>   | <u>130</u>                |

## Recommended Schedule of Courses

## First Year

| FIRST SEMESTER                                    | HOURS           | SECOND SEMESTER                                       | HOURS     |
|---|-----------------|---|-----------|
| Math. 3—Algebra <sup>1</sup> .....                | 5               | Math. 4—Plane Trigonometry <sup>1</sup> .....         | 2         |
| Rhet. 1—Rhetoric and Composition..                | 3               | Rhet. 2—Rhetoric and Composition..                    | 3         |
| Chem. 1 or 2—Inorganic<br>Chemistry.....          | 5 or 3          | Chem. 5—Inorganic and Qualita-<br>tive Chemistry..... | 5         |
| Bot. 5—Botany for students in<br>Agriculture..... | 3               | Zool. 15—Animal Biology.....                          | 4         |
| Physical Education.....                           | 1               | Physical Education.....                               | 1         |
| Military Science (for Men).....                   | 1               | Military Science (for Men).....                       | 1         |
| <i>Total.....</i>                                 | <u>16 or 18</u> | Hygiene 5—Hygiene and Sanitation..                    | 2         |
|   |                 | <i>Total.....</i>                                     | <u>18</u> |

## Second Year

|  |   |
|--|---|
| Chem. 22—Quantitative Analysis...5                                     | Chem. 33—Organic Chemistry.....5  |
| Physics 7a and 8a—General Physics<br>(Mechanics, Sound, and Heat)....5 | Physics 7b and 8b—General Physics<br>(Light, Electricity, and Magne-<br>tism).....5 |
| Bact. 5a and 5b—Introductory<br>Bacteriology.....5                     | Econ. 2—Elements of Economics....3  |
| Physical Education.....1   | Physical Education.....1  |
| Military Science (for Men).....1                                       | Military Science (for Men).....1  |
| <i>Total.....</i>  | <u>17</u>   |
|  | Electives.....3   |
|  | <i>Total.....</i>   |
|  | <u>18</u>   |

## Third Year

|  |  |
|--|--|
| Chem. 50—Biochemistry.....5                              | Chem. 29b—Food Analysis.....5                  |
| Agr. Econ. 30—Marketing Agricul-<br>tural Products.....3 | Bact. 8—Food and Applied<br>Bacteriology.....5 |
| Accy. 12—Fundamentals of Ac-<br>counting.....3           | Home Econ. 41—Problems in<br>Nutrition.....3   |
| Electives.....5  | Electives.....3                                |
| <i>Total.....</i>  | <u>16</u>                                      |
|  | <i>Total.....</i>                              |
|  | <u>16</u>                                      |

## Fourth Year

|                  |                  |
|------------------|------------------|
| Electives.....16 | Electives.....16 |
|------------------|------------------|

<sup>1</sup> Students planning to take advanced work in chemistry may substitute Mathematics 10a-10b for the Mathematics 3 and 4 requirement.

The minimum number of elective hours must be selected from the following three groups as indicated:

*Group I.* Minimum of 25 hours to be selected from the following courses, and such additional courses as may be provided in this group:

|   |     |
|---|-----|
| Agr. Econ. 31 (Same as Agron. 14)—Grain Grading and Marketing..                                     | 3   |
| Agr. Econ. 34—Marketing Dairy Products .....  | 2   |
| Agr. Econ. 36—Marketing Horticultural Products.....   | 3   |
| Agr. Econ. 37—Marketing Livestock .....   | 2   |
| An. Husb. 36—Selection and Use of Meats .....   | 2   |
| An. Husb. 10—Farm Meats .....   | 3   |
| An. Husb. 24—Meat Judging and Special Problems .....  | 2-5 |
| Bact. 9—Bacterial Nutrition and Vitamin Assays .....  | 3   |
| D.H. 1—Chemical Control Methods for Dairy Plants.....   | 3   |
| D.H. 5—Composition of Dairy Products .....  | 3   |
| D.H. 10—Advanced Dairy Bacteriology.....  | 4   |
| D.H. 11—General Dairy Bacteriology .....  | 2   |
| D.H. 12—General Dairy Bacteriology .....  | 2   |
| Dairy Mfg.—All courses listed in this curriculum not required in the curriculum in Food Technology. |     |
| Home Econ. 63—Experimental Foods.....   | 3   |
| Hort. 56—Growing Vegetables for Manufacture.....  | 3   |

*Group II.* Minimum of 8 hours to be selected from courses in economics, English, foreign language, geography, history, philosophy, political science, psychology, sociology, speech.

*Group III.* Minimum of 5 hours to be selected from courses not otherwise required or listed in Group I among the following: bacteriology, botany, business organization and operation, chemistry, engineering, mathematics, physics.

#### REVISION OF UNIVERSITY STATUTES

(Approved by the Board, page 394)

(Present material to be deleted is in brackets; new material is in italics)

#### BUSINESS ORGANIZATION AND PROCEDURE

##### A. General Business Organization

\* \* \*

(1) The Comptroller shall:

(a) be the general fiscal [agent] *officer* of the Board. He shall approve for the Board all expenditures for which a general or specific appropriation has been made by the Board as evidenced by its records;

\* \* \*

(2) The Comptroller shall also:

(a) be the general business [agent] *officer* of the University and shall have [general] supervision over those offices comprising the Business Office of the University, including those of the [Purchasing Agent] *Director of Purchases*, Bursar, Chief Accountant, Auditor, and Business [Agent] *Manager of Chicago [Departments] Divisions, and the Business Managers of other branches and locations;*

\* \* \*

[(d) act as the appointing officer for university positions under State Civil Service and shall represent the University in its relations with the State Civil Service Commission.]

\* \* \*

##### C. Purchasing and Storerooms

\* \* \*

(4) The [Purchasing Agent] *Director of Purchases (or the Purchasing Agents of branch locations)* shall purchase or issue orders for the purchase of all articles and materials for all departments of the University in all cases where the Board has not given this authority to some other person or committee. He shall see



that the materials or articles delivered are of the quality, kind, and price prescribed. He shall have supervision over all general storerooms except as otherwise provided.

\* \* \*

### F. Bonds of Employees

(1) The Comptroller, Bursar, [Purchasing Agent] *Director of Purchases*, all *Business Managers*, all *Purchasing Agents*, and all persons responsible for the collection or handling of money or for signing the name of the President or Secretary of the Board of Trustees to warrants and vouchers of the University, shall furnish adequate surety bonds, the amount thereof to be determined by the Board and the expense to be paid by the University.

### CIVIL SERVICE SALARY SCALES

(Approved by the Board, page 404)

| Rate   | Rate  |
|--|---|
| Accountant, Assistant Chief... \$350-500   | Assistant to Military Property Custodian..... 200-280                         |
| Accountant, Construction.... 200-280   | Assistant to Social Director... 150-225                                       |
| Accountant, Supervising..... 265-350   | Assistant to Superintendent of Buildings and Grounds (Galesburg)..... 265-350 |
| Accountant, Senior..... 225-315  | Attendant, Airport..... 150-225   |
| Accountant, Junior..... 175-250  | Attendant, Equipment..... 150-225   |
| Accountant, Junior Cost..... 175-250   | Attendant, Fire Station..... Prevailing                                       |
| Administrator of Research and Educational Hospitals, Assistant..... 300-450        | Attendant, Fountain..... 150-225  |
| Analyst, Social Research (Division of Services for Crippled Children)..... 275-400 | Attendant, Garage..... Prevailing   |
| Announcer, Chief..... 200-280  | Attendant, Senior Laboratory.. 175-250  |
| Apprentice, Composing Room..... Prevailing   | Attendant, Junior Laboratory.. 150-225  |
| Apprentice, Press Room.... Prevailing  | Attendant, Assistant Laboratory..... 120-160                                  |
| Architect, Associate..... 400-550  | Attendant, Locker Room.... 140-200  |
| Architect, Senior..... 400-550   | Attendant, Supply..... 140-200  |
| Artist, Commercial..... 265-350  | Attendant, Tool Room..... Prevailing  |
| Assistant, Editorial..... 175-250  | Auditor, Assistant..... 350-500   |
| Assistant, Senior Laboratory.. 175-250   | Baker, Head..... 200-280  |
| Assistant, Junior Laboratory.. 150-225   | Baker, Second..... 150-225  |
| Assistant, Assistant Laboratory 125-175  | Bookbinder..... 150-225   |
| Assistant, Personnel..... 200-280  | Bookbinding Worker..... 100-140   |
| Assistant, Senior Printing.... 200-280   | Bracemaker..... 265-350   |
| Assistant, Senior Purchasing.. 225-315   | Bracemaker, Assistant..... 140-200  |
| Assistant, Junior Purchasing.. 175-250   | Bursar, Assistant..... 350-500  |
| Assistant, Radio Programmer.. 140-200  | Business Manager of Chicago Colleges, Assistant..... 350-500                  |
| Assistant to Director of Division of Services for Crippled Children..... 275-400   | Business Manager of Chicago Colleges, Assistant to..... 350-500               |
| Assistant to Director of Hospital Laboratory..... 225-315                          | Butcher..... 200-280  |
| Assistant to Director of Physical Plant..... 350-500                               | Caretaker, Head Airport..... 200-280  |
| Assistant to Director of Public Information..... 275-400                           | Caretaker, Head Animal..... 200-280   |
| Assistant to Director of Residence Halls..... 265-350                              | Caretaker, Animal..... 150-225  |
| Assistant to Director of Student Housing..... 150-225                              | Carpenter..... Prevailing   |
| Assistant to Health Officer.... 200-280  | Cashier, Head..... 250-325  |
| Assistant to Manager of Illini Union (Chicago)..... 175-250                        | Cashier..... 175-250  |
| Assistant to Manager of Illini Union (Urbana)..... 200-280                         | Cashier, Assistant..... 125-175   |
|  | Cashier, Assistant Food Service 125-175                                       |
|  | Cement Finisher..... Prevailing   |
|  | Checker, Laundry..... 125-175   |
|  | Chef.....   |
|  | Clerk, Chief..... 200-280   |
|  | Clerk, Senior..... 150-225  |
|  | Clerk, Junior..... 125-175  |
|  | Clerk, Assistant..... 100-140   |

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| Clerk, Senior Account .....       | 175-250    | Director of Dietary Service, As- |            |
| Clerk, Junior Account .....       | 140-200    | sistant .....                    | 250-325    |
| Clerk, Assistant Account .....    | 120-160    | Director of Division of Services |            |
| Clerk, Senior File .....          | 150-225    | for Crippled Children .....      | 500-700    |
| Clerk, Junior File .....          | 125-175    | Director of Music, Radio Sta-    |            |
| Clerk, Assistant File .....       | 100-140    | tion .....                       | 250-325    |
| Clerk, Chief Information .....    | 140-200    | Director of Neuropsychiatric     |            |
| Clerk, Information .....          | 125-175    | Clinic .....                     | 250-325    |
| Clerk, Inventory .....            | 140-200    | Director of Nonacademic Per-     |            |
| Clerk, Mailing .....              | 150-225    | sonnel, Associate (Chicago) ..   | 400-550    |
| Clerk, Senior Operations .....    | 175-250    | Director of Nonacademic Per-     |            |
| Clerk, Junior Operations .....    | 140-200    | sonnel, Assistant .....          | 300-450    |
| Clerk, Senior Payroll .....       | 175-250    | Director of Nurses .....         | 275-400    |
| Clerk, Junior Payroll .....       | 125-175    | Director of Nurses, Assistant .. | 265-350    |
| Clerk, Receiving .....            | 140-200    | Director of Orthopedic Nurses,   |            |
| Clerk, Senior Record .....        | 150-225    | Assistant .....                  | 225-315    |
| Clerk, Junior Record .....        | 125-175    | Director of Clinic Nurses .....  | 250-325    |
| Clerk, Assistant Record .....     | 100-140    | Director of Clinic Nurses, As-   |            |
| Clerk, Statistical .....          | 125-175    | sistant .....                    | 225-315    |
| Clerk, Stores .....               | 140-200    | Draftsman .....                  | 175-250    |
| Clerk, Assistant Stores .....     | 100-140    | Draftsman, Senior Archi-         |            |
| Clerk, Ward .....                 | 125-175    | tectural .....                   | 275-400    |
| Clerk-Stenographer, Super-        |            | Draftsman, Junior Archi-         |            |
| vising .....                      | 175-250    | tectural .....                   | 225-315    |
| Clerk-Stenographer, Senior ..     | 150-225    | Draftsman, Senior Engineering    | 275-400    |
| Clerk-Stenographer, Junior ..     | 125-175    | Draftsman, Junior Engineering    | 200-280    |
| Clerk-Stenographer, Assistant ..  | 100-140    | Driver—                          |            |
| Clerk-Typist, Senior .....        | 150-225    | (Urbana) .....                   | Prevailing |
| Clerk-Typist, Junior .....        | 125-175    | (Chicago and Galesburg) .....    | 150-225    |
| Clerk-Typist, Assistant .....     | 100-140    | Electrician .....                | Prevailing |
| Compositor .....                  | Prevailing | Electro-Acoustician .....        | 400-650    |
| Consultant, Field Physio-         |            | Engineer, Aircraft Maintenance   | 275-400    |
| therapy .....                     | 200-280    | Engineer, Architectural .....    | 350-500    |
| Consultant, Medical Social        |            | Engineer, Architectural          |            |
| Service .....                     | 250-325    | Mechanical .....                 | 350-500    |
| Consultant, Nursing .....         | 200-280    | Engineer, Chief Building         |            |
| Consultant, Orthopedic            |            | Operating .....                  | 265-350    |
| Nursing .....                     | 225-315    | Engineer, Building Operating ..  | 225-315    |
| Consultant, Speech and            |            | Engineer, Assistant Building     |            |
| Hearing .....                     | 250-325    | Operating .....                  | 200-280    |
| Cook, Head—                       |            | Engineer, Civil .....            | 350-500    |
| (Urbana) .....                    | 140-200    | Engineer, Electrical .....       | 400-550    |
| (Chicago and Galesburg) .....     | 175-250    | Engineer, Housing .....          | 300-450    |
| Cook I—                           |            | Engineer, Industrial—Housing     |            |
| (Urbana) .....                    | 125-175    | Research Analyst .....           | 275-400    |
| (Chicago and Galesburg) .....     | 150-225    | Engineer, Instrument and         |            |
| Cook II—                          |            | Efficiency .....                 | 225-315    |
| (Urbana) .....                    | 120-160    | Engineer, Mechanical .....       | 350-500    |
| (Chicago and Galesburg) .....     | 140-200    | Engineer, Operations .....       | 350-500    |
| Cook, Foods Laboratory .....      | 120-160    | Engineer, Operative Crane—       |            |
| Copyholder .....                  | 120-160    | (Urbana) .....                   | Prevailing |
| Creameryman .....                 | 175-250    | (Galesburg) .....                | 200-280    |
| Custodian, Forest .....           | 175-250    | Engineer, Plant Operating—       |            |
| Designer, Architectural .....     | 275-400    | (Urbana) .....                   | Prevailing |
| Dietitian .....                   | 200-280    | (Galesburg) .....                | 200-280    |
| Dietitian, Assistant .....        | 175-250    | Engineer, Assistant Plant        |            |
| Director, Educational Program,    |            | Operating .....                  | Prevailing |
| Radio Station .....               | 275-400    | Engineer, Plant Operating        |            |
| Director, Production, Radio       |            | Watch (Galesburg) .....          | 225-315    |
| Station .....                     | 200-280    | Engineer, Power Plant            |            |
| Director of Clinics, Assistant .. | 275-400    | Mechanical .....                 | 350-500    |
| Director of Dietary Service ..... | 275-400    | Engineer, Chief Radio .....      | 250-325    |

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| Engineer, Assistant Radio..... | 140-200    | Gardener, Assistant Grounds .Prevailing |            |
| Engineer, Structural.....      | 300-450    | Glassblower, Senior.....                | 275-400    |
| Engineer, Swimming Pool        |            | Glassblower.....                        | 225-315    |
| Operating (Galesburg).....     | 150-225    | Glazier.....                            | Prevailing |
| Estimator.....                 | 300-450    | Groundsman—                             |            |
| Examiner, Assistant.....       | 225-315    | (Urbana).....                           | Prevailing |
| Examiner and Recorder, As-     |            | (Galesburg).....                        | 140-200    |
| sistant.....                   | 225-315    | Herdsmen.....                           | 250-325    |
| Executive Secretary, Presi-    |            | Herdsmen, Assistant.....                | 175-250    |
| dent's Office.....             | 275-400    | Instrument Maker.....                   | 275-400    |
| Exterminator.....              | 150-225    | Janitor—                                |            |
| Fieldman.....                  | 250-325    | (Urbana).....                           | Prevailing |
| Fieldman, Assistant.....       | 175-250    | (Chicago).....                          | 150-225    |
| Fire Captain.....              | Prevailing | (Galesburg).....                        | 140-200    |
| Fire Chief.....                | Prevailing | Janitress—                              |            |
| Fire Chief, Assistant.....     | Prevailing | (Urbana).....                           | Prevailing |
| Fire First Lieutenant.....     | Prevailing | (Chicago and Galesburg)....             | 120-160    |
| Fire Second Lieutenant.....    | Prevailing | Kitchen Helper, Senior—                 |            |
| Fireman, Boiler Room—          |            | (Urbana).....                           | 120-160    |
| (Urbana and Chicago)....       | Prevailing | (Chicago and Galesburg)....             | 125-175    |
| (Galesburg).....               | 175-250    | Kitchen Helper—                         |            |
| Fireman, Incinerator (Gales-   |            | (Urbana).....                           | 100-140    |
| burg).....                     | 175-250    | (Chicago and Galesburg)....             | 120-160    |
| Forelady, Maid (Galesburg)...  | 125-175    | Laborer.....                            | Prevailing |
| Foreman, Automotive (Gales-    |            | Laborer, Farm.....                      | 140-200    |
| burg).....                     | 200-280    | Laborer, Kitchen.....                   | 140-200    |
| Foreman, Custodial (Gales-     |            | Laborer, Park.....                      | 150-225    |
| burg).....                     | 175-250    | Laundress.....                          | 120-160    |
| Foreman, Elevator Operations   | 150-225    | Librarian, Medical Record....           | 265-350    |
| Foreman, Supervising Farm...   | 265-350    | Librarian, Assistant Medical            |            |
| Foreman, Farm.....             | 250-325    | Record.....                             | 150-225    |
| Foreman, Grounds (Galesburg)   | 225-315    | Locksmith.....                          | Prevailing |
| Foreman, Janitor (Urbana)...   | Prevailing | Machinist—                              |            |
| Foreman, Janitor (Galesburg).. | 150-225    | (Galesburg).....                        | 200-280    |
| Foreman, Janitor Sub- (Gales-  |            | (Urbana and Chicago)....                | Prevailing |
| burg).....                     | 140-200    | Maid—                                   |            |
| Foreman, Machinist (Gales-     |            | (Urbana).....                           | Prevailing |
| burg).....                     | 225-315    | (Chicago and Galesburg)....             | 100-140    |
| Foreman, Park.....             | 175-250    | Maintenance Helper (Gales-              |            |
| Foreman (Skilled Trades)....   | Prevailing | burg).....                              | 150-225    |
| Automotive (Urbana)            |            | Maintenance Man, Laundry                |            |
| Bookbindery                    |            | (Galesburg).....                        | 150-225    |
| Bricklayer                     |            | Manager, Bookstore.....                 | 300-450    |
| Carpenter                      |            | Manager, Assistant Bookstore..          | 225-315    |
| Composing Room                 |            | Manager, Bowling Alley.....             | 140-200    |
| Electrician                    |            | Manager, Food Production....            | 225-315    |
| Garage                         |            | Manager, Assistant Food Pro-            |            |
| Grounds (Urbana)               |            | duction.....                            | 200-280    |
| Machinist (Urbana and          |            | Manager, Food Service.....              | 300-450    |
| Chicago)                       |            | Manager, Food Service, Resi-            |            |
| Painter                        |            | dence Halls.....                        | 275-400    |
| Plumber                        |            | Manager, Assistant Food                 |            |
| Press Room                     |            | Service.....                            | 200-280    |
| Sheet Metal                    |            | Manager, House.....                     | 150-225    |
| Water Station                  |            | Manager, Assistant House....            | 140-200    |
| Foreman, Steam-Distribu-       |            | Manager, Laboratory.....                | 400-650    |
| tion.....                      | Prevailing | Manager, Laundry.....                   | 275-400    |
| Foreman, Sub-.....             | Prevailing | Manager, Office (Division of            |            |
| Gardener, Agricultural.....    | 250-325    | Services for Crippled Chil-             |            |
| Gardener, Assistant Agricul-   |            | dren).....                              | 275-400    |
| tural.....                     | 175-250    | Manager, Park.....                      | 300-450    |
| Gardener, Grounds.....         | Prevailing | Manager, Traffic.....                   | 275-400    |

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| Manager of Chicago Illini Union.....                              | 300-450    | Operator, Assistant Chief Switchboard (Urbana)....                | Prevailing |
| Manager of Photographic Laboratory.....                           | 265-350    | Operator, Switchboard—(Chicago and Galesburg)....                 | 125-175    |
| Manager of Student Supply Store (Chicago).....                    | 225-315    | (Urbana).....   | Prevailing |
| Manager of Temporary Family Housing.....                          | 275-400    | Operator, Water Station....                                       | Prevailing |
| Mason, Brick- and Stone-....                                      | Prevailing | Orderly.....  | 125-175    |
| Matron.....   | 150-225    | Painter.....  | Prevailing |
| Matron, Assistant.....  | 125-175    | Pattern Maker.....  | Prevailing |
| Meat Cutter.....  | 140-200    | Photographer.....   | 265-350    |
| Mechanic, Aircraft Maintenance and Line.....                      | 200-280    | Photographer, Assistant....                                       | 140-200    |
| Mechanic, General Airport....                                     | 175-250    | Physiotherapist, Chief.....                                       | 265-350    |
| Mechanic, Automotive.....   | Prevailing | Physiotherapist, Senior.....                                      | 175-250    |
| Mechanic, Elevator.....   | Prevailing | Physiotherapist, Junior....                                       | 150-225    |
| Mechanic, Instrument.....   | 175-250    | Physiotherapy Attendant....                                       | 125-175    |
| Mechanic, Senior Laboratory..                                     | 200-280    | Plasterer.....  | Prevailing |
| Mechanic, Junior Laboratory..                                     | 175-250    | Plumber-Steamfitter.....  | Prevailing |
| Mechanic, Assistant Laboratory.....                               | 140-200    | Police Captain—(Urbana).....                                      | Prevailing |
| Mechanic, Power Plant.....  | Prevailing | (Chicago).....  | 225-315    |
| Mechanic, Refrigeration....                                       | Prevailing | Police First Lieutenant—(Urbana).....                             | Prevailing |
| Mechanic, Telephone.....  | Prevailing | (Chicago).....  | 200-280    |
| Mechanic Helper, Refrigeration.....                               | Prevailing | Police Second Lieutenant....                                      | Prevailing |
| Medical Officer (Division of Services for Crippled Children)..... | 400-550    | Policeman.....  | Prevailing |
| Messenger.....  | 140-200    | Potter.....   | 225-315    |
| Molder.....   | 225-315    | Poultryman.....   | 250-325    |
| Nurse, Clinic.....  | 200-280    | Poultryman, Assistant.....  | 175-250    |
| Nurse, Head.....  | 175-250    | Pressman.....   | Prevailing |
| Nurse, Assistant Head.....  | 175-250    | Proofreader, Senior.....  | 200-280    |
| Nurse, Staff.....   | 150-225    | Proofreader, Junior.....  | 150-225    |
| Nurse, Supervising.....   | 200-280    | Psychologist, Clinical.....                                       | 275-400    |
| Nurse, Visiting.....  | 175-250    | Purchasing Agent, Assistant..                                     | 350-500    |
| Nurse's Aide.....   | 120-160    | Recorder, Assistant.....  | 225-315    |
| Office Assistant, Food Service..                                  | 150-225    | Repairman, Power Plant....  | Prevailing |
| Officer, Chief Admitting.....                                     | 175-250    | Roofer.....   | Prevailing |
| Officer, Admitting.....   | 125-175    | Seamstress.....   | 120-160    |
| Officer, Personnel.....   | 275-400    | Secretary, Senior.....  | 225-315    |
| Operator, Airport Tower.....                                      | 200-280    | Secretary.....  | 175-250    |
| Operator, Chief Cold Storage..                                    | 250-325    | Serviceman, Laundry.....  | 150-225    |
| Operator, Cold Storage.....                                       | 175-250    | Sheet Metal Worker.....   | Prevailing |
| Operator, Elevator (Chicago)..                                    | 140-200    | Social Service Worker, Supervising Psychiatric.....               | 225-315    |
| Operator, Laundry Press.....                                      | 125-175    | Social Service Worker, Psychiatric.....                           | 175-250    |
| Operator, Linotype.....   | Prevailing | Social Worker, Medical.....                                       | 200-280    |
| Operator, Senior Office Appliance.....                            | 150-225    | Statistician, Senior.....   | 225-315    |
| Operator, Junior Office Appliance.....                            | 125-175    | Statistician, Junior.....   | 175-250    |
| Operator, Assistant Office Appliance.....                         | 100-140    | Storekeeper.....  | 175-250    |
| Operator, Assistant Radio....                                     | 125-175    | Superintendent, Architectural..                                   | 300-450    |
| Operator, Steam Distribution—(Urbana and Chicago)....             | Prevailing | Superintendent of Building Maintenance.....                       | 400-650    |
| (Galesburg).....  | 150-225    | Superintendent of Buildings and Grounds, Assistant—(Chicago)..... | 400-550    |
| Operator, Chief Switchboard—(Chicago and Galesburg)....           | 150-225    | (Galesburg).....  | 265-350    |
| (Urbana).....   | Prevailing | Superintendent of McKinley Hospital.....                          | 275-400    |
|   |            | Superintendent of Operations—(Chicago).....                       | 300-450    |
|   |            | (Galesburg).....  | 265-350    |
|   |            | (Urbana).....   | 400-550    |

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| Superintendent of Operations,<br>Assistant (Chicago) . . . . .                     | 265-350    | Supervisor of Building Crafts-<br>men (Chicago) . . . . .   | 300-450    |
| Superintendent of Print Shop,<br>Assistant . . . . .                               | 300-450    | Supervisor of Chicago Illini<br>Center . . . . .            | 140-200    |
| Superintendent of Repairs and<br>Utilities (Galesburg) . . . . .                   | 275-400    | Supervisor of Housekeeping . .                              | 140-200    |
| Superintendent of Roads,<br>Grounds, and Transporta-<br>tion (Galesburg) . . . . . | 265-350    | Supervisor of Information<br>Office . . . . .               | 225-315    |
| Superintendent of Sanitation<br>and Safety . . . . .                               | 400-550    | Supervisor of Off-Campus<br>Housing . . . . .               | 225-315    |
| Superintendent of Utilities . . .  | 400-650    | Supervisor of Off-Campus<br>Housing, Assistant . . . . .    | 200-280    |
| Supervisor, Creamery . . . . .   | 265-350    | Supervisor of Veterans Equip-<br>ment Procurement . . . . . | 225-315    |
| Supervisor, Custodial . . . . .  | Prevailing | Teacher of Handicapped Chil-<br>dren . . . . .              | 175-250    |
| Supervisor, Dining Room . . . .  | 150-225    | Technician, Aircraft Instru-<br>ment . . . . .              | 250-325    |
| Supervisor, Fountain . . . . .   | 175-250    | Technician, Brace . . . . .                                 | 150-225    |
| Supervisor, Inventory . . . . .  | 225-315    | Technician, Laboratory and<br>X-ray . . . . .               | 225-315    |
| Supervisor, Laundress . . . . .  | 140-200    | Technician, Musical Instru-<br>ment . . . . .               | 250-325    |
| Supervisor, Mailing Service . . .  | 275-400    | Technician, Assistant Photo-<br>graphic . . . . .           | 125-175    |
| Supervisor, Medical Social<br>Service . . . . .                                    | 275-400    | Technician, Radium . . . . .                                | 225-315    |
| Supervisor, Nursing Service . . .  | 275-400    | Technician, Sound . . . . .                                 | Prevailing |
| Supervisor, Assistant Nursing<br>Service . . . . .                                 | 250-325    | Technician, Chief X-ray . . . .                             | 200-280    |
| Supervisor, Office . . . . .   | 200-280    | Technician, Senior X-ray . . . .                            | 175-250    |
| Supervisor, Power Plant<br>Shift . . . . .   | Prevailing | Technician, Junior X-ray . . . .                            | 150-225    |
| Supervisor, Psychological<br>Service . . . . .                                     | 275-400    | Technologist, Senior Medical . .                            | 225-315    |
| Supervisor, Record Room . . . .  | 175-250    | Technologist, Junior Medical . .                            | 150-225    |
| Supervisor, Routing . . . . .  | 225-315    | Tester, Advanced Registry . . .                             | 140-200    |
| Supervisor, Sewing Room . . . .  | 140-200    | Tradesman, Skilled . . . . .                                | Prevailing |
| Supervisor, Speech and Hearing<br>Service . . . . .                                | 275-400    | Trades Helper, Skilled . . . . .                            | Prevailing |
| Supervisor, Stores . . . . .   | 225-315    | Tree Surgeon . . . . .                                      | Prevailing |
| Supervisor, Tabulating Ma-<br>chine . . . . .                                      | 265-350    | Tree Surgeon, Assistant . . . .                             | Prevailing |
| Supervisor, Assistant Tabu-<br>lating Machine . . . . .                            | 225-315    | Tree Trimmer . . . . .                                      | Prevailing |
| Supervisor, Training, Medical<br>Social Service . . . . .                          | 275-400    | Visitor, Housing . . . . .                                  | 125-175    |
| Supervisor, Assistant Training,<br>Medical Social Service . . . . .                | 250-325    | Washman . . . . .   | 150-225    |
| Supervisor of Animal Hospital . .  | 265-350    | Welder . . . . .  | Prevailing |
| Supervisor of Animal Hospital,<br>Assistant . . . . .                              | 225-315    | Watchman (Chicago) . . . . .                                | 150-225    |
|  |            | Window Washer (Chicago) . . .                               | Prevailing |
|  |            | Wringerman . . . . .  | 140-200    |
|  |            | Writer, Continuity . . . . .                                | 125-175    |
|  |            | Writer, Editorial . . . . .                                 | 225-315    |
|  |            | Writer, Specifications . . . . .                            | 275-400    |