

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

February 17, 1949



The February meeting of the Board of Trustees of the University of Illinois was held on Thursday, February 17, 1949, at the Blackstone Hotel, in Chicago, according to the following schedule:

10 a.m. — Executive session as in Committee of the Whole.

12 m. — Open session.

The following members were present: President Fornof, General Davis, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Mr. McLaughlin, Dr. Meyer, Mr. Williamson. On invitation of the Board, Mr. G. W. Herrick, Mr. R. Z. Hickman, and Mrs. Frances B. Watkins, members elect, sat with the Board during the day.

President Stoddard was present; also Vice-President A. C. Ivy, Provost C. R. Griffith, Assistants to the President, A. J. Janata and Wilbur Schramm, Secretary H. E. Cunningham, Comptroller Lloyd Morey, Legal Counsel W. E. Britton, and during part of the day, Director J. F. Wright and Mr. W. H. Butterfield, Manager of the University of Illinois Foundation.

EXECUTIVE SESSION

MINUTES OF EXECUTIVE COMMITTEE, JANUARY 24, 1949

The Secretary reported for record that the Executive Committee on January 24, 1949, authorized the following purchases on recommendation of the President of the University.

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.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One model ML DoAll contour machine with accessories for 220 volt, 60 cycle; 3 phase contour machine	Radiology-Betatron	DoAll Midwest Co., Chicago	\$1 956 77
One Lancaster mixer model SKG with level-side heavy muller complete with motor and control equipment	Civil Engineering	Posey Iron Works, Inc., Lancaster, Pa.	1 368 00 f.o.b. Lancaster
600 copies <i>Correspondance de Proust</i> to be printed and bound. This is a book of all-French composition of about 416 pages.	University Press	Waverly Press, Inc., Baltimore, Md.	3 301 27
Display cases and show cases for the University Bookstore, Chicago Undergraduate Division	Chicago Undergraduate Division	Julius Bender, Inc., Chicago	1 701 38 delivered and installed
Twenty-four General Electric model RS-45 water coolers with vitreous china tops and foot-operated valves	Physical Plant	Don Hayes Appliance Store, Champaign	4 320 00 f.o.b. Springfield

H. E. CUNNINGHAM
Clerk

JOHN R. FORNOF, *Chairman*
CHESTER R. DAVIS
PARK LIVINGSTON

MATTERS PRESENTED BY PRESIDENT STODDARD

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

NEW FIRE STATION

(1) The building appropriation requests for 1949-1951 include \$250,000 for a new fire station. The State Fire Marshal has offered to secure a supplementary appropriation of \$450,000 from the fire prevention fund in the State Treasury to provide additional facilities in this building, particularly an auditorium with seating capacity of 800 to be used for meetings of organizations interested in fire protection, schools of instruction, equipment displays, and quarters for representatives of the State Fire Marshal.

The University is asked to assume:

1. Cost of preparing plans, specifications, and supervision of construction.
2. Cost of land required.
3. Complete operation and maintenance costs for the structure and the grounds.
4. Salaries of fire fighting personnel and cost of truck operation.
5. Responsibility for the assignment of space on the first floor of the building with the privilege of making use of the auditorium and basement area for University functions, provided there are no conflicts with events scheduled by the State Fire Marshal's Office or the Illinois Firemen's Association.

The State Fire Marshal's Office and the Illinois Firemen's Association agree to assume:

1. Salaries and equipment for their office personnel.
2. Salary and equipment for a Deputy Fire Marshal, if and when appointed.
3. Cost of exhibits and demonstration equipment for training and fire fighting demonstration work.
4. Expense of special arrangements for meetings sponsored by the State Fire Marshal's Office or the Illinois Firemen's Association.
5. Additions or alterations to the structure or equipment required by the State Fire Marshal's Office and/or the Illinois Firemen's Association.

The University would provide additional funds of approximately \$6,000 a year for operation and maintenance, but not before 1951. In return the University would have the use of an additional large lecture room when it is not required for the purposes specified.

In recommending an appropriation for strictly University facilities, the Building Program Committee agreed in principle with the plan of joint development. The Chairman of the Committee, the Director of the Physical Plant Department, and the Comptroller have reviewed the proposal submitted by the State Fire Marshal and recommend its approval. He has requested that no publicity be given to the proposal until it is further developed with State authorities.

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

GIFT OF MR. AND MRS. MERLE J. TREES

(2) The Executive Committee of the Board on December 28, 1948 (Minutes, page 190), accepted an offer from Mr. and Mrs. Merle J. Trees of one-half interest in their Rembrandt "Portrait of Amsterdam Burgher" as their gift to the "Emily Nichols Trees (Class of 1905) and Merle Jay Trees (Class of 1907) Collection" for 1948.

Mr. and Mrs. Trees have decided to offer the University the remaining one-half interest in this painting as their 1949 contribution to the Trees Collection. As further evidence of this offer they have sent the Secretary of the Board a formal deed of gift in which each contributes the remaining undivided one-fourth interest in the painting. This painting is appraised at \$65,000 by the Art Institute of Chicago.

I recommend the acceptance of this offer and that the Secretary of the Board be requested to convey to Mr. and Mrs. Trees a formal expression of appreciation on behalf of the Board.

On motion of Mr. Davis, this gift was accepted with great appreciation of the generosity of Mr. and Mrs. Trees.

UNIVERSITY OF ILLINOIS LEGISLATION TO BE REQUESTED OF THE 66TH GENERAL ASSEMBLY

(3) I request that the President of the University be authorized to secure the introduction in the 66th General Assembly of the following University legislation. These measures have been discussed with the Senator and the three Representatives of the 24th Senatorial District who have agreed to sponsor or to secure sponsorship of the bills:

1. Biennial operating budget for 1949-1951.
2. Appropriations for buildings and other capital improvements.
3. Amendment of insurance code to make University of Illinois revenue bonds legal investments for insurance companies in Illinois. Obligations of the University of Illinois Foundation are legal investments for insurance companies but the direct obligations of the University are not. This amendment would improve the market for University revenue bonds.
4. Amendment of State Finance Act to permit the University to handle, through its own treasury, funds of all *self-supporting activities*, instead of requiring the deposit in and disbursement from the State Treasury. The present arrangement complicates budget operations and makes it difficult to handle business operations of such activities with dispatch, thus causing loss of discounts and creating dissatisfaction among employees in payment of wages. The change has been discussed with representatives of the Department of Finance and the State Auditor's Office and has their tentative approval.

5. Authorization to pay real estate taxes on certain University properties or to make payments to municipalities in lieu of taxes.

6. Amendment of Civil Service Act to eliminate wartime provisions relating to certification.

7. Change in name of the "Research and Educational Hospitals" to "University of Illinois Hospitals."

8. Transfer of the Illinois Neuropsychiatric Institute from the Department of Public Welfare to the University. At present the Illinois Neuropsychiatric Institute is operated jointly by the University and the Department of Public Welfare. A single administration is desirable.

9. Transfer of title to Institution for Tuberculosis Research in Chicago to the University of Illinois.

President Stoddard and Mr. Morey commented on these proposals.

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

PURCHASE OF FARM LAND

(4) I recommend that in accordance with the recommendation of Dean Rusk, referred by the Board on January 13, 1949, to the Committee on Buildings and Grounds with power to purchase an option (Minutes, page 196), approved by the Committee on Buildings and Grounds and the Executive Committee on January 18, 1949 (Minutes, page 226), the purchase of 320 acres of land at a price not to exceed \$600 an acre be authorized.

On motion of Mr. McLaughlin, this purchase was authorized as recommended, and the President and the Legal Counsel were authorized to deal directly with the owners and their counsel to secure an option after March 7, 1949, and an appropriation of not to exceed \$100,000 from this year's funds was made, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Mr. McLaughlin, Dr. Meyer, Mr. Williamson; no, none; absent, Dr. Luken, Mr. Nickell, Mr. Stevenson.

REPORTS OF ACTIONS OF THE EXECUTIVE COMMITTEE

On motion of Mr. Williamson, the Secretary was instructed to notify the members of the Board promptly of all actions of the Executive Committee on matters specially referred to the Executive Committee by the Board.

APPOINTMENTS TO THE FACULTY MADE BY THE PRESIDENT OF THE UNIVERSITY

The Secretary reported that the President has approved the following new appointments to the faculty of the rank of Assistant Professor and above since the previous meeting of the Board of Trustees:

1. LAWRENCE IVAN O'KELLY, Professor of Psychology, beginning September 1, 1949, at an annual salary of \$6,000.

2. DETLEV WALTHER SCHUMANN, Professor of German, beginning September 1, 1949, at an annual salary of \$7,500.

3. LEONARD MARTIN ZUBKO, Assistant Professor of Mechanical Engineering, beginning February 1, 1949, at an annual salary of \$4,600.

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

OPEN SESSION

MATTERS PRESENTED BY PRESIDENT STODDARD

The Board considered, in open session, the following matters presented by the President of the University.

APPOINTMENT OF HEAD OF DEPARTMENT OF ENTOMOLOGY

(1) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Professor William Patrick Hayes, now Acting Head of the Department of Entomology, as Head of the Department on indefinite tenure effective as of February 1, 1949, at an annual salary rate of \$7,500.

I concur in this recommendation.

On motion of Dr. Meyer, this appointment was made as recommended.

**APPOINTMENT OF PROFESSOR HAROLD L. WALKER AS ACTING
DIRECTOR OF THE STATE DEPARTMENT
OF MINES AND MINERALS**

(2) At the request of the Governor, I have authorized Professor Harold L. Walker, Head of the Department of Mining and Metallurgical Engineering, to accept appointment as Acting Director of the State Department of Mines and Minerals.

Professor Walker desires to retain his present University position, carrying on his new duties concurrently with the State assignment and without change in salary. This I have approved. I request confirmation of my action.

On motion of Mr. Davis, this action was confirmed as requested.

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

(3) The Board of Trustees has authorized the appointment of a Professional Advisory Committee of the Division of Services for Crippled Children to work with the Superintendent of the Division in providing necessary contacts between it and the University. The present committee was appointed for two years from December 1, 1946. The Vice-President in charge of the Colleges of Medicine, Dentistry, and Pharmacy submits the following nominations for reappointments and new appointments to this Committee for two years from December 1, 1948. I concur in these appointments.

Reappointments

ALLAN G. BRODIE, Orthodontist, Chicago
HAROLD CAMP, Secretary-Treasurer of State Medical Society, Monmouth
MAUDE CARSON, Chief of Division of Public Health Nursing, Illinois Department of Public Health, Springfield
FREMONT A. CHANDLER, Orthopedic Surgeon, Chicago
EDWARD L. COMPERE, Orthopedic Surgeon, Chicago
HUGH E. COOPER, Orthopedic Surgeon, East Peoria
WOODRUFF L. CRAWFORD, Pediatrician, Rockford
ROLAND R. CROSS, Director of State Department of Public Health, Springfield
WATSON GAILEY, Ophthalmologist, Bloomington
DORA GOLDSTINE, Medical Social Worker, University of Chicago
PAUL W. GREELEY, Plastic Surgeon, Chicago
JULIUS H. HESS, Pediatrician, Chicago
PAUL H. HOLINGER, Broncho-Esophagologist, Chicago
HERBERT KOEPP-BAKER, Audiologist, Chicago
PHILIP LEWIN, Orthopedic Surgeon, Chicago
FREDERICK W. MERRIFIELD, Maxillofacial Surgeon, Chicago
EDNA NICHOLSON, Executive Secretary of Central Service for the Chronically Ill, Chicago
ERIC OLDBERG, Neurologist and Neurosurgeon, Chicago
HENRY G. PONCHER, Pediatrician, Chicago
GEORGE E. SHAMBAUGH, JR., Otolaryngologist, Chicago
JOHN THOMPSON, Orthodontist, Chicago

New Appointments

STUART BROADWELL, Otologist, Springfield
RAY BROWN, Superintendent of University of Chicago Clinics, Chicago
JANE BULL, Secretary of Committee, Executive Director of Commission for Handicapped Children, Chicago
FRANCIS J. GERTY, Psychiatrist, Chicago

ISAAC JOLLES, Psychologist, State Department of Public Instruction, Springfield
H. WORLEY KENDELL, Professor and Head of Department of Physical Medicine,
University of Illinois, Chicago

FREDERICK H. MAURER, Pediatrician, Peoria

MAYER A. PERLSTEIN, Pediatrician, Chicago

HAROLD WESTLAKE, Director of Speech Clinic, Northwestern University, Evanston

On motion of Mr. Williamson, these appointments were made as recommended.

PROGRESSIVE ADMISSIONS PLAN

(4) On recommendation of the Director of Admissions and Records and with the concurrence of the Provost, I recommend the following changes in the policy governing admissions to the University effective at the beginning of the Summer Session of 1949:

1. That the progressive admissions plan be rescinded. It is generally agreed that the plan has worked well. It is no longer needed, because we expect to be able to admit all students, resident in Illinois, who qualify under the former system. Illinois residents will be admitted who fulfill the standard entrance requirements—graduation from an accredited secondary school with fifteen units of acceptable secondary school work.

2. That with respect to applicants who are not residents of the State of Illinois: (a) the admission of new freshmen be confined to students who rank in the upper 50 per cent of their high-school graduating classes; and (b) the admission of transfer students be confined to those who average not less than 3.5 in their college work in terms of the marking system of the University of Illinois.

3. That transfer students who are residents of Illinois who have a scholastic average of less than 3.0 be admitted only on special action of the dean of the college to which the student seeks admission.

On motion of Mr. Livingston, these changes in policy were approved as recommended.

AMENDMENT OF POLICY AND RULES RELATING TO COMPENSATION AND WORKING CONDITIONS OF NONACADEMIC EMPLOYEES

(5) In accordance with the terms of the Policy and Rules Relating to Compensation and Working Conditions of Nonacademic Employees, the Director of Nonacademic Personnel certifies to the Retirement System most nonacademic employees as of the date of employment. This practice is costly in time and effort, since employee turnover occurs chiefly within the first six months of employment, the normal probationary period.

It is agreed by all officials concerned that the practice should be changed to provide for certification at the end of the six months probationary period. This calls for the following changes in the Policy and Rules (language to be deleted in brackets and new language in italics):

SECTION I—6. [A permanent and continuous employee is (a) one employed in a position or in work which the University contemplates continuing for the next six months, or is (b) a person who has completed six months of service.] *A permanent and continuous employee is an employee who has completed six months' service in any classification or classifications in nonacademic employment.* For this purpose a month of service shall be no less than twenty work days, excluding approved absences. A person employed regularly but on a part-time basis and fulfilling the above conditions will be considered a permanent and continuous employee.

SECTION III—1-A. Permanent and continuous employees *and those employed in positions or in work which the University contemplates continuing for at least six months, but who have not yet completed six months' service in any classification or classifications of nonacademic employment,* in prevailing rate groups paid at hourly rates, will be paid a monthly rate determined by multiplying the number of hours of the work year, which shall be uniform in all years, by the hourly rate and dividing by 12, as follows: . . .

SECTION VI—1-Sub-paragraph. Permanent and continuous employees *and those employed in positions or in work which the University contemplates continuing for at least six months, but who have not yet completed six months' service in any classification or classifications of nonacademic employment* not in a prevailing rate group will be excused with full pay.

SECTION VIII—2-A. Each full-time permanent and continuous employee is entitled to a disability leave of two work weeks with pay in each year of service, no part of which shall be cumulative. Each permanent and continuous employee employed regularly but on a part-time basis is entitled to such fraction of two work weeks with pay as is represented by the relationship between this part-time employment and the full-time schedules in his classification. Any permanent and continuous employee, *or any person who is employed in a position or in work which the University contemplates continuing for at least six months, but who has not yet completed six months' service in any classification or classifications of non-academic employment*, who is disabled before completing his first year of service will be allowed the same proportionate amount of the two work weeks' disability leave as the portion of the year completed.

I concur.

On motion of Mr. McLaughlin these changes in policy were approved as recommended.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

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

1. Remodeling Room 406 Davenport Hall.....	\$11 010
2. Chicago Professional Colleges for remodeling of space for internal auditor.....	1 950
3. Colleges of Medicine, Dentistry, and Pharmacy for projectors.....	600
4. College of Medicine for lighting control in Rooms 106, 221, and 443 and public address system in Rooms 221 and 443.....	1 700
5. College of Pharmacy for equipment.....	2 635
6. Chicago Professional Colleges for remodeling and equipment for Non-academic Personnel Office.....	1 300
<i>Total</i>	\$19 195

I concur.

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

APPROPRIATION AND CONTRACT FOR EMERGENCY LIGHTING SYSTEM IN THE MCKINLEY HOSPITAL

(7) The Board of Trustees has authorized installation of an emergency lighting system in the McKinley Hospital to provide service to the first floor, including X-ray room, laboratory, and emergency room, and to the surgery quarters on the third floor.

The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for \$5,124 for this installation to the Leverenz Electric Company, Danville, the lowest bidder.

I recommend that an appropriation of \$5,124 be made for this improvement and that the Comptroller and the Secretary of the Board be authorized to execute the contract.

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

COLD ROOM IN PHYSICAL ENVIRONMENT BUILDING AT CHICAGO PROFESSIONAL COLLEGES

(8) One of the important items required for the new Physical Environment Unit, under construction in Chicago from a State appropriation and supplementary appropriations from the University's General Reserve, is a cold room including

necessary refrigeration, insulation, and accessory equipment to maintain constant temperature. This equipment is not available as a single standard manufactured product. It must be constructed and installed especially and is of a highly specialized type both in design and in performance.

A committee appointed by Vice-President Ivy has selected the Vilter Sales and Construction Company and the Armstrong Cork Company, both of Chicago, as the concerns best fitted to provide the desired equipment and in a position to deliver and complete the work promptly and within the period of availability of the State appropriation. Prices have been secured from these concerns as follows:

Vilter Sales and Construction Company, Milwaukee, Wisconsin, and Chicago, for mechanical equipment and installation.....	\$98 140
Armstrong Cork Company, Lancaster, Pennsylvania, and Chicago, for insulation.....	28 936

The committee in charge of the work has reviewed the proposals and reports that, based on engineering design and cost of necessary components, the proposed costs are reasonable.

Vice-President Ivy requests that the contracts be awarded as scheduled above. I concur.

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

CONTRACT FOR CONSTRUCTION OF HYDRAULIC ENGINEERING LABORATORY QUARTERS

(9) Included in the special appropriations for nonrecurring expenditures made by the Board on January 13, 1949 (Minutes, page 204), are funds for the construction of an addition to Warehouse No. 1, near the Sanitary Engineering Laboratory, to provide quarters for research in hydraulic engineering.

Since the work is of a remodeling nature, the Director of the Physical Plant Department and the Comptroller recommend that it be done under the standing contract with Lewis S. Colbert, Champaign, for work of this nature at an estimated cost of \$12,577.30.

I concur and recommend that the Comptroller be authorized to execute this addition to the standing contract with Lewis S. Colbert.

On motion of Mr. McLaughlin, this authority was given as recommended.

ADDITION TO GENERAL CONTRACT FOR CONSTRUCTION OF THE CHEMISTRY AND CHEMICAL ENGINEERING BUILDING

(10) The Director of the Physical Plant Department and the Comptroller recommend an increase of \$1,752.14 in the general contract for the construction of the Chemistry and Chemical Engineering Building to provide for (1) terrazzo treads and landings on the stairs in place of cement treads and landings, and (2) asphalt tile floors in stair halls (continuation of asphalt tile floors in corridors).

These are some of the items eliminated from the original specifications in order to keep down the cost of the Chemistry and Chemical Engineering Building. Sufficient funds are now available for these additions. The terrazzo stair treads and the asphalt tile floors in the stair halls will be more satisfactory from the standpoint of maintenance and appearance.

I concur and recommend that the Comptroller be authorized to execute this addition to the contract.

On motion of Mr. Davis, this addition to contract was authorized as recommended.

ADDITION TO GENERAL CONTRACT FOR CONSTRUCTION OF MECHANICAL ENGINEERING BUILDING

(11) The Director of the Physical Plant Department and the Comptroller recommend an increase of \$4,300 in the general contract for the construction of the Mechanical Engineering Building for the installation of acoustical tile ceilings on the first and second floors in six classroom corridors. Acoustical treatment of

these areas was omitted from the original specifications and deferred until it was certain that funds would be available.

Acoustical treatment of ceilings will reduce the noise from the corridors and it is desirable because some classes will extend through periods when other classes are changing. Funds are now available for this addition.

I concur and request that the Comptroller be authorized to execute this addition to the contract.

On motion of Mr. McKelvey, this addition to contract was authorized as recommended.

INSTALLATION AND MAINTENANCE OF ELECTRICAL CONDUIT UNDER AND ACROSS CERTAIN STREETS IN THE CITY OF CHICAGO

(12) At the request of the University of Illinois, the City Council of the City of Chicago passed an ordinance on December 22, 1948, granting permission to the University to excavate for, install, and maintain an electrical conduit under and across certain streets in the City of Chicago.

The Legal Counsel recommends that the following resolution be adopted. I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute an acceptance form for such an electrical conduit.

RESOLUTION

Whereas, the City Council of the City of Chicago, at its regular meeting on December 22, 1948, passed an Ordinance which grants permission to the University of Illinois to install and maintain electrical conduit under and across certain streets in the City of Chicago, and

Whereas, by the provisions of said Ordinance, a copy of which is hereto attached, the same is required to be accepted by the University of Illinois,

Now Therefore, Be It Resolved by the Board of Trustees of the University of Illinois that the permission granted by said Ordinance be and the same is hereby accepted according to the terms of said Ordinance as set forth therein.

On motion of Mr. Livingston, this resolution was adopted and authority was given as recommended.

PURCHASE OF PRINTING EQUIPMENT

(13) On March 27, 1947 (Minutes, page 312), the Board of Trustees authorized the purchase of a new press to be installed in Gregory Hall for joint use by the Illini Publishing Company, the University Press, and the School of Journalism to replace the press now owned and operated by the Illini Publishing Company in Illini Hall. An appropriation of \$25,000 was made to apply toward the cost of the press, the balance of cost of the press to be paid by the Illini Publishing Company.

On September 26, 1947 (Minutes, page 829), the Board approved a contract with Goss Printing Company for the purchase of the press at a price of \$59,710 with an escalator clause providing for an increase in price prior to delivery. It was agreed that if the readjusted price was not satisfactory the contract could be cancelled by the buyer without penalty.

When the contract was finally concluded in November, 1947, a price of \$61,160 was stipulated. At that time, a payment of \$6,116 was made as the contract provided.

On January 5, 1949, the company served notice that the press would be ready for delivery in March, 1949, and the price would be \$65,575. In the meantime, serious problems have arisen concerning the location of the press, the space originally intended being in an addition to the north side of Gregory Hall. This plan has not proved entirely feasible and no satisfactory permanent location is now available. The Illini Publishing Company, which is required to meet the cost of the press in excess of the \$25,000 appropriation made by the University, has concluded that the option to cancel the contract should be exercised. The company has been notified accordingly and has returned the deposit made on the contract and has accepted the cancellation. The University appropriation is being lapsed into the General Reserve.

On motion of Dr. Meyer, this cancellation of contract was confirmed.

APPROPRIATION OF ATHLETIC ASSOCIATION FUNDS

(14) The Board of Directors of the Athletic Association of the University of Illinois on January 29, 1949, appropriated \$1,000 from the unappropriated surplus of the Athletic Association for the purpose of conducting a two-day football clinic for high-school coaches in the State of Illinois. This action is submitted to the Board of Trustees for approval.

On motion of General Davis, this appropriation was approved.

PURCHASES

(15) The Director of Purchases has proposed and the Comptroller recommends the purchases listed under A in the Appendix (page 279). The President has authorized emergency purchases listed under B in the Appendix (page 281).

On motion of General Davis, purchases were authorized as recommended under A, and the action of the President of the University in authorizing emergency purchases under B was approved and confirmed.

COMPTROLLER'S REPORT OF CONTRACTS AND LEASES

(16) The Comptroller's report of contracts and leases executed under the general regulations of the Board, from December 11, 1948, also of change orders for cost-plus and other contracts (see page 282).

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(17) The Comptroller presents his quarterly report to the Board as of December 31, 1948. Copies of this report have been sent to all members of the Board in advance of this meeting.

This report was received for record.

ARCHITECTURAL STUDIES OF NEW BUILDINGS

(18) It would be an advantage to start preliminary studies of some of the projects included in the building program for 1949-1951 on which no work has yet been done. I asked the Building Program Committee to advise me on how any funds that can be made available for such work prior to July 1, 1949, can best be used.

The Committee recommends that:

1. An assignment of \$50,000 be made to start preliminary studies of the Biology Building, first unit; Educational Laboratories Building, Psycho-Educational Clinic Division; and Law Building.

2. The firm of Holabird and Root and Burgee of Chicago be employed for these studies on a cost-plus basis subject to these conditions: (a) a maximum fee of not to exceed \$50,000; (b) services may be terminated at any time; and (c) employment is limited to preliminary studies and the University reserves the right to employ other architects for further work on these projects.

Payment for these services will be on the basis of actual salaries plus 1.3 times that amount for indirect costs and commission, plus such direct expenses as blue-printing, telephone calls, and travel. The work will be carried on as directed by the University and only until such time as the University may direct that it be stopped.

The appropriation herein recommended is much less than will be required to complete preliminary plans. A larger amount is not being recommended at this time because \$50,000 will take care of all work which can be done immediately.

On motion of Mr. Livingston, the employment of Holabird and Root and Burgee was authorized under the conditions recommended, and the appropriation was made, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Mr. McLaughlin, Dr. Meyer, Mr. Williamson; no, none; absent, Dr. Luken, Mr. Nickell, Mr. Stevenson.

CONTRACT FOR POWER PLANT GENERATING EQUIPMENT

(19) On June 15, 1948 (Minutes, page 1159), the Board of Trustees appropriated \$49,220 as the partial cost of a new turbogenerator and auxiliary equipment needed to increase the power production capacity of the Abbott Power Plant at Urbana-Champaign. The estimated cost of the required generator, auxiliary equipment, and installation is \$1,215,280 and provision for it is included in the building program for 1949-1951 as approved by the Board on October 21, 1948.

The \$49,220 already appropriated is for engineering work which can be done during the current biennium. As a further means of expediting delivery of the equipment, it was proposed that contracts be entered into, up to a maximum of \$568,500, such contracts giving the University the right of termination if funds for the generating equipment are not appropriated by the General Assembly of Illinois, in which case the University's liability would be limited to the \$49,220 for engineering services.

The Physical Plant Department has secured bids on a 7500 KW turbogenerator, condensing equipment, and a cooling tower. The Director of the Physical Plant Department and the Comptroller recommend the award of contracts to the lowest bidders as follows:

7500 KW turbogenerator, General Electric Company, Chicago, \$282,200,	
subject to a maximum escalation of 10%, or a maximum cost of.....	\$310 420
Bids were taken on a full extraction generator (that is, one from which all the steam may be available for heating), and, as an alternate, on a generator which would provide maximum extraction up to the 7500 KW capacity. The latter has the same generating capacity as the former but requires less floor space and costs less. It is proposed to accept the alternate bid and award the contract on that equipment.	
Condensing equipment, Worthington Pump Company, Chicago, \$48,920	
plus a maximum escalation of 10%, or a maximum cost of.....	53 812
Cooling tower, Marley Company, Inc., Chicago, \$31,363, plus (a) unloading and erection, \$7,663, and (b) a maximum escalation of 15% or a maximum cost of.....	40 176
Total	\$404 408

This cost is within the maximum of \$568,500. Proposals for an electrical switch gear will be considered later.

I recommend that the Comptroller and the Secretary of the Board be authorized to execute the contracts on the basis of the bids indicated herein.

On motion of Dr. Meyer, contracts were authorized as recommended.

APPOINTMENT OF HEAD OF DEPARTMENT OF PHYSIOLOGY

(20) On September 1, 1943, the Department of Physiology in the College of Liberal Arts and Sciences was merged with the Department of Zoology as an administrative convenience pending the appointment of a head of the Department of Physiology. The Dean of the College of Liberal Arts and Sciences recommends that:

1. Effective September 1, 1949, the Departments of Physiology and Zoology be administered as separate departments of the College.

2. Dr. Robert E. Johnson, now Director of the Medical Nutrition Laboratory of the Army Service Forces in Chicago, be appointed Professor and Head of the Department of Physiology on indefinite tenure beginning September 1, 1949, at a salary of \$10,000 an academic year.

I concur in these recommendations.

On motion of Dr. Meyer, these recommendations were adopted.

BIENNIAL BUDGET FOR THE INSTITUTION FOR TUBERCULOSIS RESEARCH

(21) The 65th General Assembly of the State of Illinois appropriated to the University of Illinois the sum of \$32,000 for the operation and maintenance of the Institution for Tuberculosis Research. The General Assembly provided that the management of the Institution be vested in a five-man board, two members to

be appointed by the Board of Trustees of the University, two by the Board of the Municipal Tuberculosis Sanitarium, and the fifth member to be elected by the other four.

The 65th General Assembly also appropriated funds to the Department of Public Health for constructing and equipping a building and funds to the Department of Finance for the purchase of land. The University will request legislation transferring to the University title to the land on which the building is now being erected.

The Vice-President in Charge of the Chicago Professional Colleges has submitted on behalf of the Board of Directors of the Institution for Tuberculosis Research a proposed operating budget for the biennium of 1949-1951, totaling \$143,000, with the request that the Board of Trustees submit this budget to the Department of Finance. This amount is required for:

Heating, lighting, and maintaining the new building....	\$ 61 000
Salaries, wages, supplies, and equipment.....	82 000
<i>Total</i>	<u>\$143 000</u>

The \$32,000 appropriated by the General Assembly for 1947-1949 was for salaries, supplies, and equipment for only an eight- or nine-month period during 1948-1949.

I recommend that the Board of Trustees authorize the transmittal of this request to the Department of Finance of the State of Illinois.

On motion of Mr. McKelvey, this budget was approved as recommended for transmittal to the State Department of Finance.

STATUS OF ACADEMY FOR UNITED STATES AIR FORCE

President Stoddard reported informally on the status of plans for an Academy for the United States Air Force (Minutes, October 21, 1948, page 138) to the effect that no decision has been made looking to the establishment of such an academy.

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 251).
2. Graduate scholars and fellows (page 254).
3. Resignations and declinations (page 255).
4. Leaves of absence (page 256).
5. Retirements (page 256).
6. Lists of degrees conferred at Commencement in Urbana on February 6, 1949 (page 257).

DATE OF ANNUAL MEETING

The date of the annual meeting was discussed, and some members stated that Tuesday, March 8, 1949, would be inconvenient to them, and that Thursday, March 10, 1949, was an acceptable date. The By-Laws provide that the date of the annual meeting may be changed by the Board (Article I, Section 1).

On motion of Dr. Meyer, the date of the annual meeting for 1949 was changed to Thursday, March 10, as provided in the By-Laws of the Board.

The Board adjourned.

H. E. CUNNINGHAM
Secretary

JOHN R. FORNOF
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.)

- ANNIS, R. W., Special Research Associate, Electrical Engineering (S) ($\frac{1}{2}$), eight months beginning January 1, 1949, \$2600 a year (1-19-49).
- ASHWORTH, BETTY J., Assistant Teacher, Veterans Nursery School (Division of Special Services for War Veterans), February 1-June 15, 1949, \$1250 (2-1-49).
- BAIR, THOMAS D., Assistant, Veterinary Parasitology (Veterinary Pathology and Hygiene) (Veterinary Medicine), June 16-August 31, 1949, \$250 a month (1-29-49).
- BALAGOT, REUBEN C., Assistant, Surgery (Medicine), eight months beginning January 1, 1949, without salary (1-29-49).
- BARBER, W. J., Assistant, Physical Education for Men, February 1-June 15, 1949, \$1400, supersedes (1-24-49).
- BOARDMAN, R. S., Assistant, Geology (Graduate College), six months beginning February 1, 1949, \$1200 (2-4-49).
- BOND, ELIHU, Administrator, Animal Hospital (Medicine), eight months beginning January 1, 1949, \$4500 a year, supersedes nonacademic appointment (1-19-49).
- BOOS, MARGARET F., Visiting Professor, Geology, five months beginning February 1, 1949, \$4000 (1-31-49).
- BREWSTER, ROBERT R., Instructor, German, academic year beginning September 1, 1949, \$3500 (2-9-49).
- BRIGGS, CECIL C., Visiting Professor, Architecture ($\frac{1}{2}$), February 1-June 15, 1949, \$533.33 a month (1-24-49).
- BRILL, R. G., Assistant Professor, Education, academic year beginning September 1, 1949, \$5000 (2-9-49).
- BROWN, W. V., Extension Specialist, Division of University Extension, seven months beginning February 1, 1949, \$4500 a year (2-9-49).
- BYRAM, MRS. BETTY J., Research Assistant, Bureau of Economic and Business Research, seven months beginning February 1, 1949, \$2700 a year, supersedes (2-3-49).
- CAMMACK, T. E., Instructor, Economics, six months beginning February 1, 1949, \$4000 a year (1-19-49).
- CANTÓN, ALFREDO, Visiting Assistant Professor, Spanish, academic year beginning September 1, 1949, \$4000 (2-9-49).
- CAVANAUGH, MRS. JOYCE J., Serials Librarian, rank of Assistant (Undergraduate Division in Chicago), February 14-August 31, 1949, \$3000 a year (2-9-49).
- CHAPMAN, ROBERT A., Clinical Assistant, Medicine (Medicine), eight months beginning January 1, 1949, without salary (1-24-49).
- CLARK, WILLIAM C., Research Assistant, Physiology (Graduate College), three months beginning January 16, 1949, \$1005 (1-24-49).
- DALLENBACH, FREDERICK D., Assistant, Pathology (Medicine), one year beginning July 1, 1949, without salary (2-9-49).
- DELATOUR, GODFREY S., Visiting Professor, Sociology, five months beginning February 1, 1949, \$3500 (1-27-49).
- DEYOUNG, WILLARD G., Clinical Instructor, Medicine (Medicine), eight months beginning January 1, 1949, without salary (1-24-49).
- DOLLINS, C. W., Special Research Assistant Professor, Engineering Materials (Theoretical and Applied Mechanics) (S), eight months beginning January 1, 1949, \$5700 a year, supersedes (2-9-49).
- DOOB, J. L., Professor, Mathematics, indefinite tenure beginning February 1, 1949, \$9000 a year, supersedes (1-19-49).
- FAUCETT, P. M., JR., Assistant, Economics, February 1-June 15, 1949, \$266.66 a month, supersedes (2-8-49).
- FAWCETT, C. G., Instructor, Physical Sciences (Undergraduate Division in Chicago), second semester of the academic year, beginning February 1, 1949, \$1800 (2-3-49).
- FLEMING, JOAN, Assistant Professor, Psychiatry (Medicine), eight months beginning January 1, 1949, without salary (2-9-49).

- FOGLE, CATHERINE L., Instructor, Auditory Training (Otolaryngology) (Medicine), eight months beginning January 1, 1949, \$4000 a year, supersedes (1-31-49).
- FORREST, RUSSELL A., Clinical Assistant, Medicine (Medicine), eight months beginning January 1, 1949, without salary, supersedes (1-24-49).
- FRY, FRANCIS J., Special Research Associate, Electrical Engineering (S), February 9-August 31, 1949, \$5200 a year, supersedes (1-29-49).
- GAMMILL, H. L., Assistant Professor, Industrial Psychology (Institute of Labor and Industrial Relations) ($\frac{1}{2}$), (Division of University Extension) ($\frac{1}{2}$), seven months beginning February 1, 1949, \$5000 a year, supersedes (2-10-49).
- GIANASI, CHARLES A., Assistant Physician, Health Service (Chicago Professional Colleges) ($\frac{1}{2}$), eight months beginning January 1, 1949, \$3000 a year (1-24-49).
- GREEN, MORRIS, Assistant, Pediatrics (Medicine), one year beginning January 1, 1949, without salary (1-24-49).
- GROVE, WILLIAM J., Research Assistant, Surgery (Medicine), six months beginning January 1, 1949, \$2400 a year (2-15-49).
- GRUNDSET, LLOYD H., Clinical Assistant, Medicine (Medicine), eight months beginning January 1, 1949, without salary (1-24-49).
- HEIMBURGER, ROBERT F., Clinical Assistant, Neurosurgery (Neurology and Neurological Surgery) (Medicine), seven months beginning February 1, 1949, without salary (2-15-49).
- HENNING, DALE A., Instructor, Management (Business Organization and Operation), second semester of the academic year, beginning February 1, 1949, \$1500 (2-15-49).
- HORWITZ, IRWIN D., Clinical Assistant, Otolaryngology (Medicine), October 16, 1948-August 31, 1949, \$2065 a year (1-24-49).
- HUNT, MRS. PATRICIA W., Assistant Teacher, Veterans Nursery School (Division of Special Services for War Veterans), February 1-June 15, 1949, \$1250 (1-29-49).
- HUSMAN, B. F., Instructor, Physical Education for Men, Acting Chairman, Division of Physical Education (Undergraduate Division in Galesburg), seven months beginning February 1, 1949, \$3600 a year; in addition to \$300 a year paid by the Athletic Association, for which the University assumes no responsibility, supersedes (1-24-49).
- ILES, MRS. BESSIE P., Instructor, Music ($\frac{3}{4}$), second semester of the academic year, beginning February 1, 1949, \$1000 (2-15-49).
- IRELAND, H. O., Special Research Associate, Civil Engineering (S), seven months beginning February 1, 1949, \$4000 a year, supersedes (1-19-49).
- IRVINE, JANE, Instructor, Audiology (Otolaryngology) (Medicine), eight months beginning January 1, 1949, \$4000 a year, supersedes (1-31-49).
- JACKSON, DONALD D., Editor in Charge of Books, rank of Assistant Professor, University Press, seven months beginning February 1, 1949, \$4800 a year, supersedes (2-10-49).
- JENKINS, JAMES L., Special Research Assistant, Electrical Engineering (S), February 1-April 15, 1949, \$3200 a year, supersedes (2-15-49).
- JOHNS, WILLIAM D., JR., Special Research Assistant, Petrography (S), February 14-August 31, 1949, \$3000 a year (2-15-49).
- KAHN, MORTON, Assistant, Otolaryngology (Medicine), six months beginning January 1, 1949, without salary (1-24-49).
- KENTNER, IRENE F., Counselor, Women's Residence Hall ($\frac{1}{4}$), five months beginning February 1, 1949, \$80 a month (2-9-49).
- KIRKPATRICK, B. F., Assistant, Business Law (Business Organization and Operation), February 1-June 15, 1949, \$1500, supersedes (2-5-49).
- KOEPP-BAKER, HERBERT, Professor, Clinical Speech Pathology, Director, Speech and Hearing Rehabilitation (Otolaryngology) (Medicine), eight months beginning January 1, 1949, \$10,000 a year, supersedes (2-9-49).
- KOSTKA, HELEN M., Assistant Professor, Hygiene, Medical Advisor for Women (Undergraduate Division in Chicago) ($\frac{1}{2}$), seven months beginning February 1, 1949, \$3500 a year (1-29-49).
- LANDIS, PAUL N., Professor, English, indefinite tenure, Acting Head, Department of English, seven months beginning February 1, 1949, \$7500 a year, supersedes (2-7-49).

HILLER, E. T., Professor, Sociology — retirement effective 2-1-49.
 SPITLER, J. C., Professor, Agricultural Extension (C), Associate Director, Extension Service in Agriculture and Home Economics, State Leader of Farm Advisers (E) — retirement effective 9-1-49.

DEGREES CONFERRED FEBRUARY 6, 1949

Summary

Degrees in the Graduate College:

Doctor of Philosophy.....	39
Doctor of Education.....	3
Master of Education.....	3
Master of Social Work.....	1
Master of Arts.....	46
Master of Science.....	169
Master of Music.....	1
<i>Total, Graduate College.....</i>	<i>262</i>

Degrees in Law:

Bachelor of Science.....	12
Bachelor of Laws.....	34
Doctor of Law.....	4
<i>Total, Law.....</i>	<i>50</i>

Baccalaureate Degrees:

Bachelor of Science, Library School.....	1
Bachelor of Science, College of Agriculture.....	65
Bachelor of Science, College of Engineering.....	240
Bachelor of Arts, College of Liberal Arts and Sciences.....	161
Bachelor of Science, College of Liberal Arts and Sciences.....	102
Bachelor of Science, College of Education.....	38
Bachelor of Science, College of Commerce and Business Administration.....	209
Bachelor of Science, School of Journalism.....	62
Bachelor of Science, College of Fine and Applied Arts.....	45
Bachelor of Fine Arts, College of Fine and Applied Arts.....	20
Bachelor of Music, College of Fine and Applied Arts.....	2
Bachelor of Science, School of Physical Education.....	44
Bachelor of Science, Division of Special Services for War Veterans.....	220
<i>Total, Baccalaureate Degrees.....</i>	<i>1,218</i>

Total, Degrees Conferred..... 1,530

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Agricultural Economics

CHING PENG MENG, B.S., Nanking University, 1942; M.S., Cornell University, 1946

In Agronomy

ROBERT PAUL PFEIFER, B.S., 1942

STANLEY ARTHUR WATSON, A.B., Pomona College, 1939; M.S., 1941

In Bacteriology

ROBERT ALLEN ALTENBERN, B.S., University of New Hampshire, 1943; M.S., 1947

CARROLL EUGENE HEIST, B.S., Muhlenberg College, 1930; M.S., 1947

In Chemistry

PETER GEORGE ARVAN, B.S., 1943; A.M., Indiana University, 1944

BURTON PETER BLOCK, B.S., Harvard College, 1944; M.S., University of Tennessee, 1945

ARCHIBALD MILLER HYSO, B.S., Pennsylvania State College, 1942; M.S., 1944

- SCHMITTLE, SAMUEL C., Assistant, Veterinary Pathology and Hygiene (Veterinary Medicine and Agricultural Experiment Station), seven months beginning February 1, 1949, \$3800 a year, supersedes (2-15-49).
- SHARPE, JOSEPH T., Instructor, Mechanical Engineering (C), second semester of the academic year, beginning February 1, 1949, \$1500, supersedes (1-29-49).
- SINNAMON, GEORGE K., Research Associate, Civil Engineering (S), seven months beginning February 1, 1949, \$4000 a year, supersedes (1-24-49).
- SMITH, HELEN L., Editor in Charge of Official Publications, rank of Assistant Professor, University Press, seven months beginning February 1, 1949, \$5220 a year, supersedes (2-10-49).
- SNYDER, JAMES N., Instructor, Physics (C), second semester of the academic year, beginning February 1, 1949, \$2000 (1-24-49).
- SOBOROFF, BURTON J., Clinical Assistant, Otolaryngology (Medicine), eight months beginning January 1, 1949, \$2065 a year (1-24-49).
- STAGNER, ROSS, Professor, Psychology (Institute of Labor and Industrial Relations) ($\frac{1}{2}$), (Liberal Arts and Sciences) ($\frac{1}{2}$), seven months beginning February 1, 1949, \$8000 a year, supersedes (1-19-49).
- STEIN, SEYMOUR N., Assistant Professor (Research Physiologist), Psychiatry (Medicine), eight months beginning January 1, 1949, \$6000 a year, supersedes (2-9-49).
- STRAUB, FREDERICK G., Special Research Professor, Chemical Engineering (S), eight months beginning January 1, 1949, \$7500 a year, supersedes (2-9-49).
- SUSINA, MRS. BETTY J., Registered Pharmacist, Hospital Pharmacy (Pharmacy), eight months beginning January 1, 1949, \$3300 a year (1-31-49).
- TOUCHBERRY, ROBERT W., Assistant Professor, Dairy Cattle Genetics and Dairy Cattle Genetics Research (Dairy Production) (C & S), seven months beginning February 1, 1949, \$4500 a year, supersedes (1-24-49).
- VAL DEZ, MABEL A., Assistant, Occupational Therapy (Orthopedic Unit) (Physical Medicine) (Medicine), January 17-August 31, 1949, \$250 a month (2-9-49).
- WALSTON, ROBERT L., Lecturer, Salesmanship (Business Management Service) (Commerce) ($\frac{1}{2}$), (Division of University Extension) ($\frac{1}{2}$), seven months beginning February 1, 1949, \$4500 a year (2-9-49).
- WEIGEL, ROBERT H., Special Research Assistant, Mechanical Engineering (C), seven months beginning February 1, 1949, \$3600 a year, supersedes (1-19-49).
- WEISS, KENNETH S., Assistant, Surgery (Medicine), eight months beginning January 1, 1949, without salary (1-29-49).
- WESTEN, RISON J., Assistant, Psychology, February 1-June 15, 1949, \$1200, supersedes (2-12-49).
- WOLMAN, ABEL, Lecturer and Research Consultant, Sanitary Engineering (Civil Engineering) (C) (5/100), February 1-June 15, 1949, \$150 (2-1-49).
- WOODS, ROBERT P., Clinical Assistant, Neurology and Neurological Surgery (Medicine), eight months beginning January 1, 1949, without salary (2-1-49).
- ZUBKO, LEONARD M., Assistant Professor, Mechanical Engineering (C), second semester of the academic year, beginning February 1, 1949, \$2300 (1-29-49).

GRADUATE FELLOWS AND SCHOLARS

(The following appointments were made by the President of the University on the dates indicated in parenthesis.)

- ANASTOPOULOS, VASILIOS, Research Fellow, Medicine (Medicine), ten months beginning November 1, 1948, \$200 a month (1-24-49).
- BARKER, ROY J., Fellow, Entomology, February 1-June 15, 1949, \$425 (1-12-49).
- BROPHY, EDMOND M., Research Fellow, Biological Chemistry (Medicine), January 10-June 30, 1949, \$125 a month (2-1-49).
- CATALDI, HORACE A., Shell Oil Company Fellow, Chemistry, February 1-June 15, 1949, \$600 (1-17-49).
- CHANG, MENG-TE, Fellow, Civil Engineering, February 1-June 15, 1949, \$500 (1-12-49).
- CHEN, SZU-CHU, Scholar, Political Science, February 1-June 15, 1949, \$350 (1-12-49).
- CHU, CHIA-CHEN, Fellow, Chemistry, February 1-June 15, 1949, \$425 (1-12-49).
- CHU, TSUN-HWEI, Fellow, Horticulture, February 1-June 15, 1949, \$425 (1-12-49).
- CROSS, DOROTHY M., United States Public Health Service Research Fellow, Physiology (Medicine), one year beginning January 1, 1949, \$2400 (1-24-49).

- ERWIN, CARLOS C., Fellow, Agricultural Economics, February 1-June 15, 1949, \$425 (2-2-49).
- FARRIS, PAUL L., Scholar, Agricultural Economics, February 1-June 15, 1949, \$350 (1-12-49).
- FRANZBLAU, SANFORD A., Research Fellow, Medicine (Medicine), eight months beginning January 1, 1949, without salary, supersedes (1-29-49).
- FULLER, JOSEPH A., JR., Scholar, Chemistry, February 1-June 15, 1949, \$350 (1-12-49).
- GARBER, MEYER, Scholar, Physics, February 1-June 15, 1949, \$350 (1-12-49).
- HARMS, ALFRED G., Scholar, Agricultural Economics, February 1-June 15, 1949, \$350 (1-12-49).
- JAMES, MARION E., Fellow, Library Science, February 1-June 15, 1949, \$425 (1-12-49).
- KAO, RICHARD C., Scholar, Agricultural Economics, February 1-June 15, 1949, \$350 (1-12-49).
- KNOX, ELLIS G., Scholar, Agronomy, February 1-June 15, 1949, \$350 (1-12-49).
- KUO, KE-CHAN, Fellow, Mathematics, February 1-June 15, 1949, \$425 (1-12-49).
- LARSON, ARTHUR Q., JR., Fellow, History, February 1-June 15, 1949, \$425 (1-28-49).
- LO, YUEN-TZE, Scholar, Electrical Engineering, February 1-June 15, 1949, \$350 (1-12-49).
- MA, HSIEN NE, Fellow, Civil Engineering, February 1-June 15, 1949, \$425 (1-12-49).
- MEI, CHEN AN, Fellow, Botany, February 1-June 15, 1949, \$425 (1-12-49).
- NELSON, DOROTHY, National Cancer Institute Research Fellow, Clinical Science (Medicine), six months beginning January 1, 1949, \$300 a month, supersedes (1-24-49).
- NOLL, CLIFFORD R., JR., Scholar, Chemistry, February 1-June 15, 1949, \$350 (1-12-49).
- PAN, SAI-LUNG, Fellow, Civil Engineering, February 1-June 15, 1949, \$425 (1-12-49).
- PATTERSON, CHARLES, JR., Fellow, English, February 1-June 15, 1949, \$500 (1-12-49).
- POITRAS, ADRIAN W., Fellow, Botany, February 1-June 15, 1949, \$500 (1-12-49).
- ROBBINS, MARGARET A., Scholar, Economics, February 1-June 15, 1949, \$350 (1-12-49).
- SEGALL, BENJAMIN, Fellow, Physics, February 1-June 15, 1949, \$425 (1-12-49).
- SKEEN, NANCY N., Scholar, Philosophy, February 1-June 15, 1949, \$350 (1-12-49).
- STALLMEYER, JAMES E., Standard Oil Company of Indiana Fellow, Civil Engineering, February 1-June 15, 1949, \$750 (1-12-49).
- STEINBERG, BERNARD A., Fellow, Bacteriology, February 1-June 15, 1949, \$425 (1-12-49).
- STERNBURG, JAMES G., Fellow, Entomology, February 1-June 15, 1949, \$350 (1-28-49).
- TAKEMURA, KAZUO H., Fellow, Chemistry, February 1-June 15, 1949, \$425 (1-12-49).
- TWELES, RICHARD J., Fellow, Economics, February 1-June 15, 1949, \$500 (1-12-49).
- WANG, RICHARD I. H., Research Fellow, Pharmacology (Medicine), eight months beginning January 1, 1949, \$125 a month (1-24-49).
- WANG, TAI K., Eli Lilly and Company Research Fellow, Bacteriology (Medicine), five months beginning February 1, 1949, \$150 a month (2-15-49).
- WEI, LING-YUN, Fellow, Electrical Engineering, February 1-June 15, 1949, \$350 (1-28-49).
- WOLF, MONICA P., Scholar, Music Education, February 1-June 15, 1949, \$350 (1-12-49).
- WONG, JAMES Y., Scholar, Electrical Engineering, February 1-June 15, 1949, \$350 (1-12-49).

RESIGNATIONS AND DECLINATIONS

- BLY, JAMES R., Assistant, Physical Education for Men — resignation effective 2-1-49.
- BOLDUC, MRS. BARBARA, Assistant Teacher, Nursery School (Division of Special Services for War Veterans) — resignation effective 2-1-49.
- BRODNICKI, LORETTA J., Scholar, Chemistry — resignation effective 1-31-49.
- CAMP, MRS. ANGELENE HELLEBERG, Instructor, Home Economics (C) — resignation effective 2-1-49.

- CARUS, MRS. RUTH FRENCHMAN, First Assistant, Home Economics (S) — resignation effective 1-1-49.
- CHU, TSUN-HWEI, Fellow, Horticulture — declination effective 2-1-49.
- COOKE, PAULINE M., Clinic Physician, Psychiatry (Medicine) — resignation effective 12-31-48.
- DANKS, ARTHUR G., Professor, Veterinary Clinical Medicine, Head of Department (Veterinary Medicine) — resignation effective 2-21-49 at noon.
- EISENSTEIN, MILTON, Instructor, Anatomy (Medicine) — resignation effective 2-1-49.
- EKLUND, MRS. KATHARINE, Assistant Teacher, Nursery School (Division of Special Services for War Veterans) — resignation effective 2-1-49.
- FALETTI, R. J., Instructor, Business Law — resignation effective 3-1-49.
- HALL, MRS. KATHRYN P., Cataloger, rank of Instructor, Library of Medical Sciences — resignation effective 2-27-49.
- HEINO, HELEN E., Instructor, Clinical Pathology (Medicine) — resignation effective 3-31-49.
- HUFF, LYLE R., Instructor, Business Law — resignation effective 3-1-49.
- JAMES, MARION EVELYN, Fellow, Library Science — declination effective 2-1-49.
- JONES, W. H., Instructor, Chemistry — resignation effective 3-1-49.
- KNOX, CARL W., Supervisor, Temporary Housing — resignation effective 3-1-49.
- MACGREGOR, ELLEN, Serials Librarian, rank of Instructor (Undergraduate Division in Chicago) — resignation effective 2-12-49.
- MAUNDER, MRS. BETTY, Assistant, Veterinary Pathology and Hygiene (Veterinary Medicine) — resignation effective 2-12-49 at noon.
- MCQUITT, LOUIS L., Counselor, Student Counseling Bureau — resignation effective 2-1-49.
- MILLS, CULVER C., Supervisor of Counseling, Student Welfare (Undergraduate Division in Galesburg) — resignation effective 2-21-49.
- MIX, HUGH M., Assistant, Journalism — resignation effective 1-31-49.
- MOYER, KENNETH E., Assistant, Psychology — resignation effective 2-1-49.
- MULLER, ERNEST H., Fellow, Geology — resignation effective 2-1-49.
- NORTON, RALPH P., Instructor, Labor and Industrial Relations, Instructor, Journalism — resignation effective 3-1-49.
- PAGANO, JOSEPH F., Harry G. Wright and Harriette A. Wright Fellow, Bacteriology — resignation effective 2-1-49.
- RODGERS, FRANKLIN A., Fellow, Physics — resignation effective 2-1-49.
- ROSS, ROBERT M., DuPont Postdoctoral Fellow, Chemistry — resignation effective 1-31-49.
- SINGLETON, J. W., Assistant, Pediatrics (Medicine) — resignation effective 1-1-49.
- SONGER, RICHARD G., Scholar, Zoology — resignation effective 2-1-49.
- TAYLOR, MRS. SADIE W., Research Assistant, Plant Pathology (Horticulture) (S) — resignation effective 2-15-49.
- THORNTON, R. W., Instructor, Engineering Sciences (Undergraduate Division in Galesburg) — resignation effective 2-1-49.
- TREVOY, DONALD J., Shell Oil Company Fellow, Chemistry — resignation effective 1-31-49.
- WERT, MRS. LUCILLE MATHENA, Assistant Catalog Librarian, rank of Instructor, Library (Undergraduate Division in Chicago) — resignation effective 3-1-49.
- WITTELLE, MIRIAM, Counselor, Women's Residence Halls — resignation effective 1-31-49.
- WOOD, MRS. JANE M., Assistant, Microanalysis (Chemistry) — resignation effective 3-15-49.

LEAVES OF ABSENCE

- MITCHELL, R. V., Assistant Professor, Marketing (Business Organization and Operation) — leave of absence, without salary, March 1-August 31, 1949.

RETIREMENTS

- ASHBY, R. C., Professor, Livestock Marketing and Livestock Marketing Research (Agricultural Economics & Animal Science) (C & S) — retirement effective 9-1-49.
- FREER, LOUISE, Professor, Physical Education for Women, Head of the Department — retirement effective 9-1-49.

HILLER, E. T., Professor, Sociology — retirement effective 2-1-49.
 SPITLER, J. C., Professor, Agricultural Extension (C), Associate Director, Extension Service in Agriculture and Home Economics, State Leader of Farm Advisers (E) — retirement effective 9-1-49.

DEGREES CONFERRED FEBRUARY 6, 1949

Summary

Degrees in the Graduate College:	
Doctor of Philosophy.....	39
Doctor of Education.....	3
Master of Education.....	3
Master of Social Work.....	1
Master of Arts.....	46
Master of Science.....	169
Master of Music.....	1
<i>Total, Graduate College.....</i>	<i>262</i>
Degrees in Law:	
Bachelor of Science.....	12
Bachelor of Laws.....	34
Doctor of Law.....	4
<i>Total, Law.....</i>	<i>50</i>
Baccalaureate Degrees:	
Bachelor of Science, Library School.....	1
Bachelor of Science, College of Agriculture.....	65
Bachelor of Science, College of Engineering.....	240
Bachelor of Arts, College of Liberal Arts and Sciences.....	161
Bachelor of Science, College of Liberal Arts and Sciences.....	102
Bachelor of Science, College of Education.....	38
Bachelor of Science, College of Commerce and Business Administration.....	209
Bachelor of Science, School of Journalism.....	62
Bachelor of Science, College of Fine and Applied Arts.....	45
Bachelor of Fine Arts, College of Fine and Applied Arts.....	20
Bachelor of Music, College of Fine and Applied Arts.....	2
Bachelor of Science, School of Physical Education.....	44
Bachelor of Science, Division of Special Services for War Veterans.....	220
<i>Total, Baccalaureate Degrees.....</i>	<i>1,218</i>
<i>Total, Degrees Conferred.....</i>	<i>1,530</i>

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Agricultural Economics

CHING PENG MENG, B.S., Nanking University, 1942; M.S., Cornell University, 1946

In Agronomy

ROBERT PAUL PFEIFER, B.S., 1942

STANLEY ARTHUR WATSON, A.B., Pomona College, 1939; M.S., 1941

In Bacteriology

ROBERT ALLEN ALTENBERN, B.S., University of New Hampshire, 1943; M.S., 1947
 CARROLL EUGENE HEIST, B.S., Muhlenberg College, 1930; M.S., 1947

In Chemistry

PETER GEORGE ARVAN, B.S., 1943; A.M., Indiana University, 1944

BURTON PETER BLOCK, B.S., Harvard College, 1944; M.S., University of Tennessee, 1945

ARCHIBALD MILLER HYSO, B.S., Pennsylvania State College, 1942; M.S., 1944

JAMES LESLIE JOHNSON, B.S., University of North Carolina, 1943
 JOHN HENRY KOEHNEKE, A.B., M.S., Kalamazoo College, 1943, 1945
 GERHARD WALTER LEUBNER, B.S., Union College (Schenectady), 1943
 MELVIN HENRY MUELLER, A.B., Iowa State Teachers College, 1940
 ROBERT RICHARD PHILLIPS, A.B., Central College, 1942; M.S., 1947
 JOHN CADWALLADER RICHARDS, A.B., Princeton University, 1942
 WILLIAM VANCE RUYLE, A.B., A.M., University of Nebraska, 1942, 1943
 RAYMOND PETER SEVEN, A.B., University of Michigan, 1943; M.S., 1947
 GRADUS LAWRENCE SHOEMAKER, A.B., Hope College, 1944; M.S., 1947
 LEONARD CHARLES SMITH, JR., A.B., Montana State University, 1943
 THEODORE MERRIAM VIAL, B.S., University of Maryland, 1942
 DAVID JEFFERSON WALLACE, B.S., Murray State Teachers College, 1942

In Civil Engineering

PARESHNATH CHATTERJEE, B.S., B.Eng., Calcutta University, 1938, 1941; M.S., 1947

In Dairy Production

BRUCE EDWARD ELICKSON, B.S., 1943
 HOWARD ERRETTE MOORMAN, B.Ed., Southern Illinois University, 1936; M.S., 1942

In Economics

GERTRUDE VALENTINA GRODSKI, B.S., M.S., 1943, 1944

In Education

WENDELL EUGENE CANNON, B.S., M.S., 1928, 1931

In Electrical Engineering

GILBERT BARTHOLOMEW BLISS, B.S., M.S., 1933, 1939
 ROBERT EDWARD FONTANA, B.E.E., New York University, 1939; M.S., 1947
 CHARLES ASBURY HOLT, III, B.S., United States Military Academy, 1943; M.S., 1947

In Entomology

GEORGE FRANKLIN LUDVIK, A.B., M.S., 1941, 1947

In French

RALPH MARION PERRY, Ph.B., A.M., University of Chicago, 1933, 1937

In Geology

ERNEST JAMES WINGETT IRISH, A.B., A.M., University of British Columbia, 1939, 1940

In History

JOSEPHINE LOUISE HARPER, A.B., Rockford College, 1942; A.M., 1943

In Physics

PETER AXEL, A.B., Brooklyn College, 1943; M.S., 1947
 ROBERT KENLEY CLARK, A.B., Montana State University, 1939; M.S., 1941
 RALPH ERNEST MEAGHER, B.S., University of Chicago, 1938; M.S., Massachusetts Institute of Technology, 1939
 JAMES ALFRED PHILLIPS, A.B., Carleton College, 1942; M.S., 1943
 FRANKLIN ALANSON RODGERS, B.S., Bradley Polytechnic Institute, 1944
 ANDREW WILLIAM SUNYAR, A.B., Albion College, 1942; M.S., 1944

In Veterinary Pathology and Hygiene

JOSEPH ORTAN ALBERTS, B.S., M.S., 1934, 1935; V.M.D., University of Pennsylvania, 1943

Professional Degrees

Degree of Doctor of Education

MAX REED GOODSON, A.B., A.M., Ed.M., 1933, 1936, 1942
 KARL LOUIS MASSANARI, A.B., Goshen College, 1936; A.M., Ed.M., 1942, 1948
 LLOYD JAMES PHIPPS, B.S., M.S., Ed.M., 1940, 1942, 1947

Degree of Master of Education

WARREN JUSTUS HUFFMAN, A.B., Bridgewater College, 1937; A.M., 1942
GEORGE ORVILLE JOHNSON, B.S., Milwaukee State Teachers College, 1938
JOSEPH ANDREW MASON, B.S., Bradley University, 1937; M.S., 1941

Degree of Master of Social Work

CORDILL HAMILTON WOOD, A.B., Rockford College, 1941

*Degree of Master of Arts**In Chemistry*

RACHEL KOPEL, A.B., Hanover College, 1947
JOHN EDWARD MCNAMARA, A.B., Knox College, 1947
ELIZABETH IRWIN PARKER, A.B., Smith College, 1945

In Economics

TSI-YANG CHEN, A.B., National Hunan University, 1943
WALTER TOMPSON, A.B., Boston University, 1947

In Education

GRACIELA ANDRADE, Graduate, University of Concepcion (Chile), 1935
CARL HARMOND BAUMGARDNER, B.Ed., Illinois State Normal University, 1942
SANFORD EUGENE BELL, A.B., Lincoln University, 1941
LEONE BERGFELD, B.S., 1943
DOROTHY MAE BOTTOMLEY, B.Ed., Illinois State Normal University, 1942
LOUIE ELLA SIDWELL DAVIS, B.Ed., Western Illinois State College, 1939
JESSIE LEE DELASHMENT, A.B., Stowe Teachers College, 1947
JEAN ELIZABETH DONALDSON, A.B., Fisk University, 1946
MARGARET WILBOURN HENDERSON, B.S., Southern Illinois University, 1946
JOSEPH CHERYL JURJEVICH, JR., B.S., 1948
MARY PATRICIA PEIFER, A.B., John B. Stetson University, 1943
ROBERT JACK SILVER, B.S., 1948
PHYLLIS GERTRUDE SMITH, B.S., Illinois State Normal University, 1945
THOMAS SVOB, B.Ed., Western Illinois State College, 1939
ROBERTA JACKMAN THOMPSON, A.B., Lake Forest College, 1945
MARY MILDRED WALKER, A.B., Stowe Teachers College, 1947
RUSSELL SANFORD WARD, B.Ed., Southern Illinois University, 1943
ROBERT CHARLES ZIMMERMAN, B.Ed., Eastern Illinois State College, 1940

In English

WILLIAM ELLIOT COLBURN, A.B., 1947
ADRIAN WILLIAM JANES, A.B., 1939

In French

JANE RIGGS HAYNES, A.B., Butler University, 1941

In History

FRANK RAYMOND ADDIS, A.B., 1948
MARY DOWLING ELLICKSON, A.B., 1943
ARTHUR QUENTIN LARSON, JR., A.B., 1948
NELLIE HOLLAND RAMEY, A.B., 1910
DORRIS WILBUR WILTON, A.B., 1947

In Mathematics

EVELYN KENDRICK KINNEY, A.B., 1948
SAAD LUKA MIKHAIL, B.S., Fouad I University, 1943
MERLE WALLACE MILLIGAN, B.S., Monmouth College, 1947
EDGAR RAYMOND MULLINS, JR., A.B., Grinnell College, 1947

In Physics

ROBERT LAY HICKMOTT, A.B., Kalamazoo College, 1947

In Physiology

MARJORIE ALICE VAN VRANKEN, A.B., Hope College, 1946

In Political Science

IN-TONG LEE, A.B., University of Kwangsi, 1944

PAUL OTTO PROEHL, A.B., J.D., 1942, 1948

In Psychology

CAMILLE ANN DI BELLA, A.B., 1947

DAVID ROBERTSON SAUNDERS, B.S., Harvard University, 1943

In Social Sciences

LYMME MASCO YOUNG, B.S., 1948

In Sociology

PER-SHAUN YOUNG, A.B., National Sun Yat-Sen University, 1940

In Speech

JACK JUNIOR HASCH, A.B., 1947

HENRY HAROLD MAMET, A.B., 1946

In the Teaching of English

JOY HELEN COVEY, A.B., 1947

Degree of Master of Science*In Accountancy*

RICHARD WAYNE FISHER, B.S., University of Kansas, 1948

HUGH WILLIAM MATTER, B.S., Miami University, 1948

WILLIAM ADOLPH TERRILL, B.B.S., B.S., University of Cincinnati, 1938, 1940

In Agricultural Economics

AHMAD ZAKI ABD-ELHADI SHEIRA, B.S., Farouk University, 1946

In Agricultural Engineering

HERMAN WILLIAM GLOVER, B.S., University of Georgia, 1947

In Agronomy

KUANG-LU CHENG, A.B., National Northwestern College of Agriculture, 1941

FRED WARREN SLIFE, B.S., 1947

In Animal Nutrition

ARTHUR HENDERSON NESBIT, B.S., 1947

In Animal Science

WILLIAM EDWARD BOLLAERT, B.S., University of Notre Dame, 1946

WILLIAM HARVEY PFANDER, B.S., University of Missouri, 1948

WALTER THOMAS SMILEY, JR., B.S., University of Wisconsin, 1947

In Architecture

FERDI ABDURRAHMAN AKSEL, Graduate, Fine Arts Academy (Turkey), 1945

KENNETH WILLIAM BROOKS, B.S., 1940

CHI-SHIH CHANG, B.S., National Central University, 1941

DICK-NOE PANG, B.S., National Central University, 1937

FRED TREITLER, B.S., Illinois Institute of Technology, 1946

In Bacteriology

ELEANOR FRANCES CALDWELL, B.S., 1945

CLIFTON CARROLL COPPER, B.S., Hampton Institute, 1944

JOHN ROYAL GERKE, A.B., Duke University, 1947

HERBERT MORITZ HIRSCH, B.S., 1947

RALPH HALE HUBBLE, A.B., James Millikin University, 1947
CHARLES SAUL KAMBAR, B.S., 1947
ROBERT LESLIE MYLROIE, B.S.A., University of British Columbia, 1942
SAMUEL ROSEN, A.B., Brooklyn College, 1948
ARTHUR MARVIN STERN, B.S., 1948
HALLECK BURKETT WARREN, JR., B.S., St. Louis University, 1943

In Biological Sciences

CLAIRE MARGARET CHULAY, B.S., 1947

In Ceramic Engineering

ROBERT FREDERICK KIMPEL, B.S., 1941
SADASHIV MANGESH LAD, B.S., University of Bombay, 1943, 1945
KANCHANLAL HIRALAL PARIKH, B.S., University of Bombay, 1943, 1945
SUDHIR SEN, B.S., Patna University, 1938; M.S., University of Calcutta, 1940
SANGA VENKATA SUBRAHMANYAM, B.S., Benares Hindu University, 1946

In Ceramics

TERRY FRANKLIN NEWKIRK, B.S., 1941

In Chemical Engineering

CHIA-YUNG CHEN, B.S., National Central University, 1943
MILFORD CHARLES TASSLER, B.S., Carnegie Institute of Technology, 1947

In Chemistry

CHIA-CHEN CHU, B.S., University of Shanghai, 1944
LEON WILLIAM CUNNINGHAM, JR., B.S., Alabama Polytechnic Institute, 1947
EMIL WILLIAM GRIESHABER, B.S., University of Wisconsin, 1947
PAUL SEWARD MCKITTRICK, A.B., Princeton University, 1947
ALBIN GEORGE PINKUS, B.S., Columbia University, 1947
ARTHUR EDWARD ROSE, B.S., 1948

In Civil Engineering

DOGAN AKAD, B.S., 1948
JOHN CALVIN ASCHERMAN, B.S., 1944
CHANG-BA CHAI, B.S., Chiao Tung University, 1946
JIA-HUNG JEAN, B.S., Chekiang University, 1945
FRANK KLEIN, B.S., 1940
DAH-HSUAN LEE, B.S., National Sun Yat-Sen University, 1942
ZUR-KONG LEE, B.S., St. John's University, 1938
KUO-JUN LI, B.S., National Wu-han University, 1945
PAUL LEONARD LOPINOT, B.S., 1947
GORDON ELBERT MARTIN, B.S., 1948
ROBERT JOHN MOSBORG, B.S., 1946
ROBERT ORPIN, B.S., Kansas State College, 1940
SAI-LUNG PAN, B.S., Hangchow Christian College, 1945
SALVATORE ANTHONY ROCCI, B.S., Pennsylvania State College, 1947
HAROLD SEAMAN SHAFFER, B.S., 1948
GEORGE KIDD SINNAMON, B.S., Rutgers University, 1947
JAMES EDWARD STALLMEYER, B.S., 1947
KING-SANG SUN, B.S., National Fuh Tan University, 1946

In Clinical Psychology

JOSEPH JAMES DE LUCIA, B.S., St. Peter's College, 1943
ESTHER MIGNON ROLLINS, B.S., Howard University, 1947

In Dairy Production

RICHARD IRWIN MEYER, B.S., 1948

In Dairy Technology

WILLIAM ROBERT LAHVIC, JR., B.S., 1948
JOSEPH TOBIAS, B.S., University of Georgia, 1942

In Economics

LLOYD JUNIOR SMITH, B.S., 1947

In Education

ROBERT EDWARD ALLISON, B.S., 1948
VERLA ELIZABETH BERG, B.S., 1940
ROBERT OLIVER BIRKHIMER, B.S., 1946
ROBERT RUDOLPH FALKENSTEIN, B.S., 1942
LAWRENCE ELSTON GREEN, B.S., Southern Illinois University, 1948
CLARK NORRIS JENKINS, B.S., 1947
MARY MUELLER KEIRLE, B.S., Shurtleff College, 1945
ROBERT SOLOMON LUKOV, B.S., 1948
WILLIAM DAVID MASTERS, B.S., 1939
JACK CLAUD McILVOY, B.S., 1937
ALBERT RALPH MUNSE, B.S., 1947
MARCELLA WILSON PALM, B.Ed., Illinois State Normal University, 1942
KENNETH HARVEY PARKER, B.S., 1948
CECILE BLANCHE RENTSCHLER, B.S., 1948
SAMUEL RICHMOND, B.S., 1933
HERMAN F. SHUSTER, B.S., Northwestern University, 1935
EMMETT SIMMS, B.S., 1948
FRANCES TENDICK TUXHORN, B.S., MacMurray College, 1931

In the Education of Mentally Handicapped Children

MARY EDITH CORLETT, A.B., University of Colorado, 1943

In Electrical Engineering

MURRAY LEWIS BABCOCK, B.S., 1948
SIDNEY CLYDE BRUCE, B.S., University of Colorado, 1940
WALTON WAYNE CANNON, B.S., 1948
WILLIAM BROOKS CARROLL, B.E.E., Alabama Polytechnic Institute, 1940
TE-NING CHIN, B.E.E., National Southwest Associated University, 1942
GLENN CRADDOCK COLEMAN, B.S., United States Military Academy, 1938
MILTON HAROLD CROTHERS, B.S., South Dakota State College, 1942
GLENN B. DAUGHTON, B.S., M.S., Carnegie Institute of Technology, 1937, 1940
CLYDE RAYMOND EISENSCHMIDT, JR., B.S., United States Military Academy, 1942
ROBERT FREDERICK FROST, B.S., United States Military Academy, 1936
FRANCIS POWERS GREEN, B.S., 1948
YATES MICHEL HILL, B.S., United States Military Academy, 1942
RICHARD MILTON HOLLIS, B.S., Purdue University, 1948
PERRY LEN HUIE, B.S., 1947
ROBERT STANLEY JACOBSON, B.S., Worcester Polytechnic Institute, 1946
ELMER DOUGLASS JONES, JR., B.S., Howard University, 1941
JACOB FRANK KOENIG, B.S., Pennsylvania State College, 1944
CLARENCE HARMON LEWIS, B.S., 1933
CHEN-HUA LIU, B.S., 1948
HSIEN-HAO MEI, B.S., National Chiao-Tung University, 1945
ALBERT ROYAL NOLAND, B.S., 1948
ORVILLE RHODELL POMEROY, B.S., 1948
LYLE SHEPHERD PURNELL, A.B., 1942
DOUGLAS EDWARD ROYAL, B.S., 1948
JOSEPH ABRAHAM SALOOM, JR., B.S., 1948
BUFORD SMITH, JR., B.S., University of Tennessee, 1943
YU-CHING TU, B.S., National Chiao Tung University, 1946
WAYNE JAMES VANDERGRIFT, B.S., Rutgers University, 1947

In Entomology

MURRAY IRVING COOPER, B.S., Cornell University, 1947
FRANK EDWIN GUTHRIE, B.S., University of Kentucky, 1947

In Geology

RICHARD JOEL CASSIN, B.S., 1942
ROBERT HAROLD SHAVER, B.S., 1947

In Home Economics

PAULINE LENORA BENNETT, B.Ed., Illinois State Normal University, 1942
HARRIET JOAN WRIGHT, B.S., Framingham State Teachers College, 1940

In Horticulture

JAMES BISCHOFF ARMSTRONG, B.S., University of Maryland, 1945
ROBERT ELMER HARNACK, B.S., Iowa State College, 1947

In Journalism

NELSON WELLESLEY CAMPBELL, B.S., 1943

In Mathematics

FREDERICK ARTHUR BELL, B.Ed., Chicago Teachers College, 1943
PAUL F. CONRAD, B.S., 1948
HARRY DENIS FRANKEL, B.S., 1947
LOVICK LAMAR LAYTON, B.S., Georgia Teachers College, 1935; A.M., Emory University, 1937
JAMES HAROLD TURNOCK, JR., B.S., 1948
ROBERT JOHN WEEKS, B.S., Illinois State Normal University, 1947

In Mechanical Engineering

MIEN CHAO, B.S., Chiao Tung University, 1938
L-KANT DZEN, B.S., National Institute of Technology, 1944
WYMAN KENNETH ENDER, B.S., 1948
GURNAM SINGH GUJRAL, B.S., Government College (India), 1943; B.S., 1948
HENRY FRANCIS HRUBECKY, B.S., 1944
GANPAT JAIWANTRAO KAMAT, B.S., University of Calcutta, 1943; B.Eng., University of Bombay, 1946
HAROLD RAYMOND KOENIG, B.S., 1947
ROBERT WILLIAM LALLY, B.S., 1948
JERRY RONALD ROAN, B.S., 1945
BURT MILTON ROWE, B.S., Tufts College, 1945
JOSEPH TOLMAN SHARPE, B.Eng., Vanderbilt University, 1947
WILLIS SPRATTLING, JR., B.S., Bradley University, 1947
RONALD KUNG-CHAO WANG, B.S., National Tsing Hua University, 1947

In Metallurgical Engineering

JAMES HENRY BECHTOLD, B.S., 1947
ROBERT WALTER BOHL, B.S., 1946
JOSEPH ALLEN GAINES, B.S., 1944
WARREN JONSSON, B.S., 1947
SAM LEBER, B.S., 1947

In Music Education

JAMES WILLIAM SCHRODT, B.Mus., M.Mus., 1938, 1947
LOUIS WILLIAM VAN ERMEN, B.Mus.Ed., Bradley University, 1942

In Physical Education

OLGA VICTORIK, B.S., 1942
NINA JANE WITHERELL, B.S., 1942

In Physics

DAVID BELLAMY DUTTON, B.S., Case Institute of Technology, 1947
JOHN CYRUS FUHRMEISTER, A.B., Coe College, 1944
DONALD HARVEY GLENNY, A.B., M.A., McMaster University, 1946, 1947

EFRAM RICHARD LAVINE, A.B., 1948
JOEL SMITH LAWSON, JR., A.B., Williams College, 1947
WALTER ORVILLE MANSFIELD, JR., A.B., Marietta College, 1947
ROBERT EDMUND ROWLAND, A.B., Cornell College, 1947
WILLIAM W. SCHRIEVER, B.S., University of Oklahoma, 1947

In Political Science

ROSLYN BERGER FRIEDMAN, B.S., 1946

In Sanitary Engineering

ROBERT EDWIN HAMILTON, B.S., 1947

In Speech Correction

FRANCES LEE JOHNSON, A.B., Augustana College, 1944

In the Teaching of Biological Sciences

ARTHUR PAUL HINSON, B.S., McKendree College, 1947

In Theoretical and Applied Mechanics

EIVIND HOGNESTAD, B.S., Norway Institute of Technology, 1947

CHARLES ERWIN SPAETH, B.S., 1948

JOHN BRUCE WOOD, B.S., University of Pittsburgh, 1939

In Zoology

SADAKO HAYASE, A.B., Swarthmore College, 1947

WILLIAM BECKWITH ROBERTSON, A.B., Carthage College, 1947

MARY FRANCES THOMETZ, B.S., 1947

KENYON STANLEY TWEDELL, B.S., 1947

MURRAY WITTNER, B.S., 1948

Degree of Master of Music

THOMAS LOGAN MILLS, B.Mus., Hendrix College, 1947

COLLEGE OF LAW

Degree of Bachelor of Science

In Law

DONALD LEE ARNOLD
LIONEL IRVING BRAZEN
FRANK BERTRAM DEYO
CHESTER EARL EVANS
ROY DELBERT GRUNNET
JOHN MARTIN LAWLESS
WILLIAM MCINTYRE LEWERS
JOHN JOSEPH MORAN
LAWRENCE ARTHUR PATTON
ROBERT HARRISON RECK
JACK GEORGE STEIN
ARTHUR FREDERICK WENDLER

Degree of Bachelor of Laws

WILLIAM HENRY AMLING, A.B., 1943
WARREN CARL ANTHONY BEHR, A.B., 1947
PHILIP BAKER BENEFIEL
ROBERT EMMONS BJELLAND, B.S., 1944
HENRY GEORGE BORDEN, B.S., 1938
WILLIAM CAHN, A.B., 1946
WILLIAM CARROL CALVIN, B.S., 1947
CARL FRANK CHAPMAN, B.S., 1947

JOHN HAL CONNOR, JR., B.S., 1948
 RICHARD RAYMOND CROSS
 FLOYD ANGELOUS DEMANES
 GEORGE ELWIN DEWOLF, JR., B.S., 1947
 ROY S. DIAMOND, B.S., 1948
 SIDNEY MORGAN DRAKE, JR., B.S., 1947
 JOHN JOSEPH FYALKA, B.S., 1945
 HAROLD EUGENE HALLSTROM, B.S., 1947
 JOHN BRUCE HYDE, A.B., 1947
 FREDERICK WILLIAM IRION, B.S., 1947
 ELMER JENKINS
 BYRON EDWARD KOCH, B.S., 1942
 WYATT ALLEN LINDSEY, B.S., Southern Illinois University, 1946
 RAMON HAWES MASON, B.S., 1942
 CHARLES AUGUSTUS MCCLURE, A.B., Oberlin College, 1943
 RICHARD ALBAND MOHAN, B.S., 1944
 WILLIAM PORTER MUMFORD, B.S., 1944
 OWEN JENNINGS OOMS, A.B., 1946
 JOHN PARMLEY, B.S., 1947
 DANIEL JAMIESON SCHIFELING, A.B., 1947
 GEORGE ALBERT SCOTT, A.B., Wabash College, 1946
 JOHN CLAIRE SHUMAKER, B.S., 1947
 HURSHAL CARL TUMMELSON, JR.
 WENDELL GAUNT WINKELMANN, B.S., 1943
 ROBERT GAYLORD WOLF, B.S., 1948
 GIDEON EUGENE WRIGHT, B.S., 1947

Degree of Doctor of Law

JEFFERSON DAVIS GILLER, B.S., 1947
 EARL LAVERNE PALMBERG, B.S., 1941
 ROBERT CARL STOERZBACH, B.S., 1947; with Honors
 JOHN HOWARD WATSON, JR., B.S., 1947; with Honors

LIBRARY SCHOOL

Degree of Bachelor of Science

In Library Science

RUBY VESTA MARTZ, A.B., University of Oklahoma, 1942

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agricultural Science

RICHARD CHIEN-WEN KAO, with Highest Honors	WILLIAM LEVI SEARLS HERBERT LEE SHARP
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ELLIS GILBERT KNOX, with Honors

In Agriculture

WILLIAM CLARK ANNIN	ALFRED GLEN HARMS, with Highest Honors
HAROLD ALVIN BRINKMEIER	BURTON LAVERN HASSELBERG
ROBERT HAROLD BURGESS	WILLIAM MONROE HENRY, JR.
DONALD APLAND CARLSON	ROBERT JUDSON HOLLENSBE
RILEY VINCENT CHURCHILL	WILLIAM KRONING HORIN
ALFRED ABBOTT CULVER	CHARLES SEYMOUR KRITZER
ROBERT FRANCIS CURRAN	RALPH EVERETT LINSLEY
FREDERIC EDGAR DANNER	DEAN STANLEY LLOYD
CHARLES ORVILLE DAVISON	CARL PAYNE MARTIN
DONALD DWIGHT DICKENSON	CHARLES WILLIAM MAYFIELD
CHARLES EUGENE ERICKSON	JOHN HILLER MCMAHON
WILLIAM WALTER ERWIN	

ARNOLD NORMAN MOELLER, with High Honors

THOMAS HARRY MOFFETT
KENNETH ROBERT NELSON
CORDIE RAYMOND OGG, JR.
GERALD WAYNE PARR
ANTHONY LEO PAVLICK
WILLIAM THOMAS PETERSON
CHARLES WILLIAM PRANGE
JOHN ANTON SCHROEDER
HERMAN LOUIS SCHUETTE
EARL SNEARLEY, JR.
MILTON MEEKER SNOW

EARL ELWORTH SURRATT
WILLIAM LYCURGUS TRACY
EARL LOUIS URISH, with Highest Honors
FRANCIS DALE VERCLER, with Highest Honors
JACK ALLEN WASSON
JAMES SAMUEL WEHRLY, with Honors
AUGUST LOUIS WICKERT
DWIGHT MASON WILSON, with High Honors
CLARK EDWARD WISE, JR.

In Dairy Technology

JOHN PHILLIP EBERHART
ROBERT EDWIN FLAKS

ALBERT GLEN SLAGLE

In Floriculture

ALFRED CORNELL KOELLING, with Honors

In Home Economics

WINIFRED BOONE CAGLE, with Honors
DOROTHY JOYCE GALBREATH
PHYLLIS DAVIS KENEIPP
NORMA LYSLE MCCURLEY

LAURELL ROBINSON MCMINN, with Honors
JO MARILYN RIGG

In Home Economics Education

MELVA FLORENCE BAUGHMAN

MARGARET ADELINE ROGERS, with Honors

In Vocational Agriculture

FRANK CRAWFORD
FRANK WILLIAM PETERSEN, with Honors
ARTHUR MONROE PHILLIPS

RICHARD J. SMITH
WILBUR WARREN SPRING

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

DEAN LUCAS ADAMS
WALTER LEROY BEDENKOP, JR., with Honors

PAUL WILLIAM BORN
WILLIAM ANDREW BROOKS, JR., with High Honors

ROBERT DONALD FOSTER

VERNON LOUIS FRENCH

JOHN EDWIN GILROY

DAVID HUGO JAFFE

WILLIAM JOHN LAWTON, JR., with Honors

LOWELL KENNETH MASLEY

DONALD EDWARD PARKER

JOHN WILLIAM PAUL, JR.

BERNARD RASHIS

GEORGE GRANVILLE RICKER

GEORGE TONY TRIFONOFF

VERNON FLOYD VAN HEYNINGEN, with Honors

JOHN JAY WILLIAMS

FRANK WOHLMUTH

JOSEPH MARVIN ZABINSKY

In Agricultural Engineering

JAMES DRUMMER PRENDERGAST

In Ceramic Engineering

DANIEL LEW DEADMORE

STANLEY FRANCIS PASPY, JR.

HENRY WELK RAPP, JR.

LA VOY HENSEL SCHNEIDER

In Civil Engineering

CLIFFORD EINAR ANDERSON

ARTHUR ERNEST ARCHER

MEHMET MUVAHIT ATAMER

WILLIAM WORRELL BRANNON

ROBERT ALLEN BRISCOE

DONALD Q. BROWN, with High Honors

RONALD HUGH BROWN, with High Honors

DONALD DEAN BURLEY
VERNON ANDREW CISKE
CHARLES ALLAN CLINARD
JOHN ROBERT COATH
JAMES CHARLES CORBETT, JR.
GORDON BENNETT DALRYMPLE
FRANKLIN FREDERICK DENTON
DONALD DAVID DILLER
NORMAN COOPER EMERICK
ROBERT GATES FLETCHER
MUZAFFER GOCEK
ALLAN ROSS GOODMAN, with Honors
EDWARD WILLIAM HABICHT, with Honors
JACKSON LEROY HOCKMAN
JOSEPH ILLICH
JEAN MARSHALL KENEIPP
GERALD MOY LEE
WILLIAM FRANCIS LEE
TED ALLAN LEVY

RUSSELL OLANDER LIGHTCAP
LOWELL WILLIAM MARKERT
KENNETH FRANCIS MCGANN, with High Honors

JOHN RUSSELL MCLAUGHLIN
JAMES LOWELL MILLS
CLARENCE RAYMOND NOWACKI, with Honors
ANIBAL PADRO-ACEVEDO
ELMER WILLIAM PASSOW
LAVERNE HARRY PECK
LOURDE CHESTER PFULB, JR.
JAMES WALTER POWERS
DOMINIC PRINCIPALI
SOMPORN PUNYAGUPTA
JOHN DAVID SIMPSON
WAYNE ALAN SMUTZ
HERBERT JOHN SORENSEN
PAUL ROBERT TUTT
HENRY KENNETH VOGEL
DONALD EUGENE WAGGONER, with Honors

In Electrical Engineering

ROBERT ALLEN ADKISSON, with Honors

JOHN LEE BEIDELMAN
ROBERT DAHLEEN BILLINGS
ROBERT EDWARD BIRR
WILLIAM JAMES BRINKER, JR.
JAMES WAYNE BROWN
HOWARD HALLMAN BURROUGHS
LOUIS J. COHN
SAMUEL FLORENZ COLEMAN
LEWIS JOHN CRAFT, JR.
DANIEL JOSEPH DAUGHERTY, with Honors
JOHN MARVIN DEMETRY
ROBERT JAMES DENNIS
GLEN DARREL DEVORE
JOHN OSCAR DICK
FRANK JUNIOR DILL
FLOYD DUNN, with Honors
CONSTANTINE JOHN ECONOMIDES
LEROY CLARENCE ELLIS
DWAYNE RICHARD FRY
HELMUT JOHN GEISLER
WILFRED WALDO GEISSLER
NELSON WOOD GENUNG
FREDERICK PHILIP GLASSMAN
WILLIAM FRANCIS GRIFFARD
CARL REVERE HALL
MARVIN EDWIN HANNER
JOHN RICHARD HOLZINGER
ROBERT LEE HYDE, with Honors
DONALD SANDELIN JOHNSON
JULIUS KAYE
JOHN MARSHALL KING
ROBERT LOUIS LEBDUSKA
HOWARD DALE LITWILLER
JOHN FREDERICK MAGUIRE
ROBERT W. MANN

STEVEN WILLIAM MARRAS
GLENN MARK MASSE
ROBERT CLAYTON McLANE
JAMES PATRICK McMAHON
HERMAN MENCHER
GEORGE MISTIC
JAMES LEROY MOON
FRANK JOSEPH OCNASCHEK, with High Honors

HERBERT ARNOLD ODLE
WILLIAM ARVID PAULSON
MARLAND HERMAN SANDER
CLARENCE EMMETT SANDY
LAWRENCE JAMES SCHEWE, JR.
GEORGE JUNIOR SCHILLINGER
JAMES HENRY SCHUSSELE
HAROLD BROWN SCOTT
HOWARD RICE SEID
KENNETH MANLEY SNAPP
PETER SPERELAKIS
LOUIS WAYNE STEVENS
RICHARD CHURCH STILES
CHARLES WILLIAM STUDDT, with High Honors

KENNETH EVERETT TORESON
HARRY HOWARD WESTERHOLT, with Honors
ROBERT AARON WILLIAMS
RICHARD DUDLEY WILLIAMSON, with High Honors
CLYDE WILSON, JR.
ELDEN WOODROW WILSON
JAMES SIDNEY JOSEPH WILSON
GRANT EUGENE WINNER
LYNN ELLSWORTH WOLAVER
ROBERT LLEWELLYN WOLFF

In Engineering Physics

ROBERT WAYNE CORWIN
ARDEN HOUSTON GADDIS

THOMAS GOLDEN MORRISON
JAMES VALENTINE RYAN

In General Engineering

ROLAND FREDERICK BILL
LEROY ANTHONY DOUGALL
WILLIAM HUGH DUGAN
HAROLD SHERMAN FRENCH
JOSEPH GAYSOWSKI, JR.

RUDOLPH GUSTAV LARSON
ROBERT DOUGLAS MYERS
GERALD VERNON SHEFFER
GEORGE EDWIN SPEARS
ROBERT EDWARD SPITLER, with Honors

In Mechanical Engineering

LEON ADELMAN
LOWELL HAINES BARNETT
FAHIR BASCI
HARRY EDWARD ANTHONY BEAMS
GEORGE ALLEN BECKER
ALBERT WILLIAM BERG, with High Honors

CARL EDWARD BOETTCHER
WILLARD LARUE BOWMAN
HUGH GENE BRADY, JR.
ROBERT THOMAS BRADY
CLARENCE LAVERNE BROWN, JR.
PAT JOSEPH CALABRESE
JOHN JASPER CAMPBELL
GEORGE WILLIAMS CHEELY
EDWARD FRANK CLENDENIN
CLAYTON CAMMETT COLE
JOHN LEWIS COLP
LEWIS JOHN CRAFT, JR.
ROBERT JAMES CURRAN
JOSEPH MILTON DAVID
MERLE BURTRON DIERKING
CHARLES EDWIN DRURY, with High Honors

DAVID ARTHUR DUFF
SANFORD HAROLD EISMAN
JOSEPH ENGBERG
RICHARD JOHN FALLER
FAROUGH FARMAN-FARMAIAN
HAROLD ELLSWORTH GAITHER
NEVZAT GOMEZ
JOSEPH ARNOLD GRIMMER
WILLIAM NEAL GROVES, with Honors
GEORGE WILLIAM GUIRL
LEONARD BRYAN HARRIS
MORRIS HENDERSON, with Honors
JAMES PHILLIP HERTZ
JOHN LEVIN HOLE
JOHN CHRISTIAN HUG
RICHARD REID HUNTER
JAMES FITZMAURICE KESSLER

HAROLD KINZER LEVY, with Honors
ROBERT CURTIS LINDSTROM
ELTON BLACKBURN LONG
VERNON VICTOR LUCAS
LOYD MARTIN LUNDQUIST, JR.
LEE MORTON MANNA
HERMAN SAMUEL MARCHISELLO
WILLIAM LINDLAND MATTHEESSEN
DONALD MICHAEL MAZENKO
LEO LEWIS NOVAK
SEYMOUR PARNES
BERNARD ALFRED PESKIN
IAN DALE POTTORF
DEAN ROBBINS RAINEY
KARL EDWARD RENNELS
HOWARD BENJAMIN SCHECKMAN
ROBERT EDWARD SCHMIELAU
EDWIN FREDERICK SCHWALBE
ROBERT LINCOLN SEVERNS
RICHARD PAUL SIEGFRIED
WILLIAM DAVID SKORBURG
DONALD GEORGE SMITH
ROBERT ALAMANDER SMITH
CHESTER TARCYSIUSZ SOKOLOWSKI
EARL EDWARD JOSEPH SPILLAR
RUSSEL EDWIN SPRAGUE
CHARLES ARTHUR STOLLEY
ERNEST ANTHONY SULASKI, with Honors

NORMAN LEIF SWANSON
JAMES MELVIN TABAKA
MILTON JOHN TRCKA
EUGENE GRANT VAIL
ROBERT LEE WATSON
EUGENE PHILLIP WELCHER, JR.
ROBERT HERMAN WILKE
DAVID WALLACE WRIGHT
THOMAS JOHN WRIGHT
BURTON EUGENE YOUNG
STEPHAN KARL ZELOWOWSKI

In Metallurgical Engineering

CHARLES ALBERT FOURNIER
ELMER LEROY FREY, JR.
EDWARD BERNARD GEMPLER
RALPH CLINTON GOETZ

FRANCIS KEITH LAMPSON
MUAMMER AHMET UNAL
CARL ROBERT WEYMUELLER
GEORGE CLIFFORD WILLING

In Mining Engineering

GEORGE ROBERT EADIE

In Sanitary Engineering

HERMAN KAPLAN, with High Honors

JOHN JULIUS WURDACK

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

JACK LYNN ALLISON	BARBARA FRANK HAMANT
JULIAN JAMES ALTROGGE	EARL NORTON HARRIS
LEONOR RUTH ALVAREZ	SEYMOUR HELFAND
MARTIN WILLIAM ANTHONISEN	JACQUELYN COUNTRYMAN HOGANSON
ELAINE BERRY	GERALD KING HOOVER
NATHAN BEZANSKY	GEORGE JAY HSIEH
EDWARD MASON BITTINGER	SHIGERU ISHII
HARLAN JOHN BLARE	GLORIA JEANNE JACKSON
MELVIN THEODORE BOBICK	JAMES RICHARD JACKSON, with Honors
ROBERT FRED BOGNER	in History
MONICA HILLWORTH BOWEN	JACQUELINE JAFFE
ZEDRICK THOMAS BRADEN, JR.	WINIFRED ELSIE JENNINGS
LEONARD JOSEPH BRALOWER	DARRELL LLEWELLYN JOHNSON
PATRICIA LOUISE BROWN	EMMA JOHNSON
CAROL MAY BROWNING	HOWARD LYLE JONES
WILLIAM HAMILTON BURNS, with	DOROTHY STRAIN KATRIS
Honors in Psychology	ALBERT KAUFMAN, JR.
JAMES WEIR MARTIN CAMPBELL	IRVING NORTON KING
DOLORES CAPALETY	PAUL RICHARD KLEIN
JOAN SHIRLEY CARMELL	ALENA KLEINER
JOSEPH VINCENT LEWIS CATALANO	HELEN MARIE Klier, with Honors in
CHARLES NOAH CHERRY	Physical Science
LUCY MARIA CHIN	GERTRUDE KOBLER, with High Honors
ROBERT HENRY CHRISTENSEN	in Sociology
DANIEL EUGENE CLARK, JR.	OTTO MAX KOHLER, JR., with Honors
FRED ALBERT CLARK, JR.	in History
JACQUELINE CHARLOTTE COCCIA	JOSEPH EDWARD KOMPARE
JAMES RALSTON COOPER	FLORENCE RITA KOSTKA
DONALD EUGENE COPPLE	HELEN JUNE KRABBE
ELLIOTT MAURICE CRAINE, with Honors	RITA ANN KUEFFNER
in Chemistry	MEYER LANDES
THOMAS RAYMOND CREWS, with	PHYLLIS ELAINE LANG, with High
Highest Honors in Chemistry	Honors in Psychology
ROBERT THORNTON CROWDER	BARBARA LOIS LANMAN
NORMAN WHISENAND CUNNINGHAM	DOROTHY LE QUATTE
ELAINE CURTIS	HELEN RUCKEL LEVIN, with Honors in
CHARLES MARCUS DiCiro	Economics
MURIEL ELAINE DIX	VINCENT CABRERA LOPEZ
HELEN EISEN	CALVIN BRUCE LOW, with High Honors
JOYCE THELMA ELLEDGE, with High	in German
Honors in Psychology	VIRGINIA JANE LUFT
ROBERT LYNN FAIRBANK	HYMAN MACKLER, with Honors in
IRVING FEINMAN	Chemistry
DANTE PETER FERRARA	WILLIAM KRAMER MANN, JR.
LLOYD AMOS FULK, with Highest	HENRY CABLE MASSEY
Honors in Mathematics	MYRTLE WILSON McCLISH
NORTON JAY FURMAN	JAMES EVAN MILLS
GRETTE EMILIE GILBERTSON	DONALD ALAN MITCHELL
LILLIAN ROITMAN GLADSTONE	ALLYN JUDSON MORGAN
MARCIA ELLEN GRABFELDER	EARL LANGDON NEAL
JOHN PATRICK GRAHAM	ALLEN MERLE NELSON, with Honors in
ANNETTE MAY GROMFIN	Philosophy
FLORENCE GRAVES GUSTAFSON	MARJORIE LILYAN NELSON
	EDITH NUDELMAN

EDWARD THADDEUS OCZKOWSKI
 JOHN JAMES OFFENHISER, with Honors
 in Geology
 BETTY LOUISE PARKE
 STANLEY FRANK PELCHER, JR.
 IRA PENN
 RUTH BERGMAN PESKIN, with High
 Honors in English
 SANDER MOSES POSTOL
 H. ROBERT POWELL
 MARSHALL WILLIAM RAFFEL, with
 Honors in Philosophy
 JOHN HARRISON RAINS, JR.
 LOUISE RICHARDSON
 LAWRENCE RIESER
 RAE MARTI RING
 LENORE JOAN ROGAL
 MERILYN ROSENFELD
 DONALD FREUND ROTH
 CONSTANCE RENÉE RUBIN
 PHILIP RANDOLPH RUBY, with Honors
 in Chemistry
 ARAH-DEAN PHYLLIS SCHEELE
 GEORGE WILLIAM SCHUKNECHT
 PATRICIA ANN SCOTT
 THOMAS WERNER SEATON
 CHARLOTTE HELEN SEBEL
 ORRIS ARTHUR SENG
 EUGENE MICHAEL SHALIT
 HERBERT JOY SHANER, JR.
 FRANK JAMES RICHARD SHAY, JR.
 ANNE SHKLAIR

SIDNEY MARTIN SIGEL
 ESTHER LEE SLAVICK
 CLAYTON EARL SNYDER
 HERMAN SOSSTRIN
 JOE WAYNE SPENCE
 FLOYD HERBERT STEIN
 JOHN ALBERT STEPHENSON
 JAMES GORDON STERNBURG, with
 Honors in Entomology
 HELEN MARGARET STONE
 JAYCE LOU TOKMAN
 PHYLLIS ANN TRAVIS
 JOSEPH VELARDI
 ROBERT FRANK VESPA
 DORIS BAILEY WAKELAND, with High
 Honors in Political Science
 FULTON WANT, JR.
 JOHN ALEXANDER WAREKOIS
 ARNOLD STEVEN WARLIN, with Highest
 Honors in History
 CHARLES FRANKLIN WAXLER
 BERNICE OZERAN WEISS
 FRANK SIMPSON WHITING, JR.
 JACQUELINE RUTH WHYNOT
 MILDRED JUNE WINKLEMAN, with
 Highest Honors in Spanish
 CORDELL HULL WOOD
 EDWARD VAUGHAN WOOD
 BURTON IRVING ZOUB
 JUDITH ANN ZUCKERMAN, with High
 Honors in Psychology

In the Teaching of English

ROBERT LANDESMAN

In the Teaching of French

NORMA EVANS

In the Teaching of German

PATRICIA JEAN ELLIS

In the Teaching of Social Studies

GORDON LAVON DAVIS, with Honors
 EARL HERMAN DIEKEN, with High
 Honors
 HUDSON ELLWOOD MESSERALL
 MARION LOIS ORTHER

FAITH ELAINE RHODES
 PETER PAUL RIZZO
 JAMES HARVEY ROBBINS
 ROMAN SIEWIERSKI

In the Teaching of Spanish

SHIRLEY TANNENBAUM HATTIS
 JOSEPHINE BLOOM STEIN, with High
 Honors

BETTY JANE STEINER, with High
 Honors

Degree of Bachelor of Science

In Chemical Engineering

MEYER CHERTOFF
 ROBERT LEON LAWRENCE CHILENSKAS,
 with Highest Honors
 RICHARD ALFRED CODERRE, with Highest
 Honors
 HENNING WALFRED EKLUND, with High
 Honors
 LEONARD JOSEPH GORDON, with High
 Honors

JOHN CHARLES GRECH
 DAVID SOLOMAN HACKER, with High
 Honors
 RAY WINSTON HARRIS, with Highest
 Honors
 JAMES PRICE HENDRIX
 RAYMOND CHARLES KOELLER, with
 Honors
 WILLIAM GLENN MCDANIEL

EDWARD JOSEPH MIKA
 HARRY DALE ONGMAN, with Honors
 GORDON FAULKNER PALM, with Honors
 EDWARD JOSEPH PETKUS, with High
 Honors
 ROBERT KEITH SCHARMER, with Highest
 Honors
 HERBERT GORDON SCHULTZ, with High
 Honors

BERNARD EDWARD SIMONSON
 MILTON ANTON TULIS
 BYRON ALVIN VANCE, with Honors
 HAROLD LeROY WARD, Jr., with High
 Honors
 DONALD WILBUR WOOD, with High
 Honors

In Chemistry

MELVIN MANUEL BRESSLER
 GEORGE RAYMOND JOSEPH CLARK, with
 Highest Honors
 JOHN FREDERICK COLLINS
 WILLIAM TOOLE CURLESS
 NORMAN WILLISTON EARLE
 DAVID LEON KANTRO, with Highest
 Honors
 ROBERT MALCOLM KING

EDWARD HOWARD KOBISK
 RICHARD FREMONT LIPPOLDT, with High
 Honors
 DONALD FRANK MASON, with High
 Honors
 DONALD EDWARD PAUL
 RICHARD JOHN PRATT
 LEON SIMET

In Home Economics

HELEN MARIE WOLCOTT, with Honors

In Liberal Arts and Sciences

ESTHER ALEXANDER
 GERALD KEITH ANDERSON
 ROBERT WALTER BEEBE
 DOROTHY ANN BERCHER, with Honors
 in Bacteriology
 BERNARD BERNE
 VIVIAN ELAINE BERNSTEIN
 DONALD GIBSON BEST
 EDWARD HENRY BOLAM
 DAVID ARTHUR BRIERLEY
 WILLIAM JOSEPH CADDEN
 CHARLES GLENN CARLYLE, with Honors
 in Mathematics
 HOWARD ROSS CRAMER, with Honors in
 Geology
 EDWARD REINAUER DEGGINGER, with
 Honors in Chemistry
 RAYMOND LEE DRENAN
 MARIAN LUCILLE DUBSKY
 JOSEPH EDWARD FLANAGAN
 BERNARD FREIREICH
 JEANNITA JANE GLENN, with Honors
 in Zoology
 ALVIN IRVING GOLDBERG
 BARBARA JANE GRISWOLD
 ROY HALPERN, with Honors in
 Chemistry
 HILDEGARDE HEROLD HARRIS
 MARGARET ANN HAYES
 ROBERT COLLINS HAYGOOD
 CHARLES MASAO ISE
 RICHARD LeROY JOHNSON
 ROBERT RICHARD JOHNSTON
 IRWIN ARKY KALISH
 JOANNE KATZOFF
 EUGENE PAUL KOLEN
 SHERRY KOPLO, with Highest Honors
 in Bacteriology

GEORGE KURTO, JR.
 FRED ROBERT LAYTON, with Highest
 Honors in Chemistry
 ALBERT LeBOYER, with Honors in
 Chemistry
 JEROME LEONARD LIPIN
 NORMA DORENE LOWRY, with Highest
 Honors in Psychology
 JULIA LUBAS
 DANIEL CREIGHTON MELROSE
 CHARLOTTE MARVINE MELTON
 PAUL A. MESCHER
 BETTY SETSU MORIWAKI
 HARRY NOVAK
 IRVING PLISKIN
 JOHN PAUL QUINN
 MARY JULIA RIZZOLI
 ELAINE SAMSON, with High Honors in
 Chemistry
 JAMES DONALD SAUL
 ANTHONY JOSEPH SCALETTA
 HOWARD RAY SCHWALB
 NATHAN SHIPKOWITZ
 BERNARD ALLEN SMITH
 WILLIAM JAMES SOLAWETZ, JR.
 EDGAR ALLEN STEWART, JR.
 WILLIAM SCOTT TANNER
 MURRAY KENT TERIS
 WILLARD JOHN TESCH, JR.
 BERNARD ALAN THORSELL
 DOROTHY IRENE WEERS
 RICHARD HARTLEY WILLIS
 HERBERT SOLOMON WOLF, with Honors
 in Mathematics
 MARY BATEY WYLD, with Honors in
 Chemistry
 ARTHUR TETSUO YAHIRO
 SAMUEL ZEMAN, JR.

In Speech Correction

BONNIE LEA SMITH

In the Teaching of Biological Sciences and General Science

BYRON GEORGE BERNARD

PAULINE LEE ROSENTHAL

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

GLORIA ELIZABETH ANDERSON
 RUBY JEANNETTE ASCHERMAN
 JOSEPH ISADORE BOSI
 BLANCHE LOUISE BURGESSON
 RETA MEMMEN CAMPBELL
 ESTHER MARIE CHOBAR
 MORTON COBURN
 DOROTHY AGNES CURTIN
 GLORIA ANN DAVIS
 BETTIE LEE RILEY DECKER
 JAMES JUNIOR EASLEY
 CHARLES RONALD ENDRESS
 ROSEMARY FLOOD
 MARIAN PAULINE FULTON
 WILLIAM MAURICE GLICKMAN, with
 High Honors in History
 GEORGE KENNETH ISAACS
 EDMUND ALOYSIUS KOSZUTA
 BETTY R. LASAKOW
 CHARLES PATRICK MARTIN, Jr., with
 Honors in Education

JOSEPHINE MASTROPIETRO
 LLOYD EVERALD MCCLEARY, with
 Honors in Education
 BERNARD MEHL, with Honors in
 Mathematics
 JACK CLIFFORD MERWIN, with Honors
 in Mathematics
 WILLIAM FREDERICK MYERS
 CHARLES HERMAN PEELER, JR.
 MARIAN NORTHCOTT PONDER
 IRENE HARRIET PONTO
 DELORES EISENSTEIN PORDY
 BETTY JANE REEDER
 MIRIAM POZEN ROBINSON
 VIVIAN JUDITH ROSENBLUM
 MARION GERALDINE SHERIFF
 OPHIA MAE SOKOLOWSKI
 CLAUDEAN EDRIE TUTTLE
 MARGARET ANN WELSH
 NANCY LOUISE FEAD WYMAN

In Industrial Education

KENNETH FREEMAN LIGHT, with Honors

WALTER DEAN PAGELS

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

LEE HARRIS ADELSON
 WILLIAM ALBIN ANDERSON, with
 Honors
 ALFRED EDGAR BENT
 THEODORE DAVID BERKSON
 JAMES BERNARD BRAND
 ROBERT ANTHONY BRUMLEVE
 WILFRED WAYNE CLANNIN
 PAUL ELBA CLEER
 HOWARD COHEN
 RUTH ELLEN COURTRIGHT
 CHARLES JOSEPH DALEY
 LAWRENCE JOHN DESMOND, with Honors
 WAYNE EMMITT ELDRED
 BERNARD LOUIS EMKES
 RONALD EARL ESSERMAN
 ROGER DALE EUBANKS
 HAROLD LEE EWING
 WILBUR RAE EWING
 GERALD PETER FALETTI

WILLIAM DUNLOP FARR, with Honors
 SISTO FASSERO
 HAROLD PAUL FINE
 JAMES KENNETH FOSTER
 HAROLD RAY FRANKLIN, JR.
 LEROY CARL GOAD
 JACK GOMBERG
 ROBERT ECKMANN GREEN
 MARTIN MORRIS HELLER
 WERNER OTTO HOFFMAN
 GLORIA JUNE HOLLAND
 GUY LEE HUDSON, with Honors
 PHILIP GALE JOHNSON
 EDWARD ROBERT KAIN
 PAUL JAMES KELSEY, with Honors
 ROBERT ELMER KIEL
 GEORGE LEONARD KLAUS, with Honors
 JOHN WALTER KLEWIN
 HARLAN GEORGE KLOTZ, with Honors
 LUDWIG ANTON KULOVSEK

LLOYD JULIUS KUNTZE
 ROBERT DAVID LEACH, with Honors
 ROGER CHARLES LENTZ
 ABRAHAM HERBERT LIEBLING, with Honors
 ROBERT GORIN LIVINGSTON
 RAYMOND THOMAS LLOYD, Jr., with Honors
 DONALD EDWARD LOESCH
 FRANK GILBERT LOWNDS
 MELVIN CLIFFORD LUHRMAN
 DARRELL JUNIOR McREYNOLDS
 CARMEN RUSSELL MILANO, with Honors
 JO ANN OLSON
 KENNETH DALE ORENDORFF, with Honors
 SIDNEY MARTIN POLANSKY
 HOWARD SAMUEL PORDY
 HAROLD HENRY RATZ
 PHILLIP RICH, with Honors
 JULES RITHOLZ
 FRED WILLIAM ROECKER
 BERNARD HARRIS ROSS

ERNEST DAVID SCHNEIDER
 PAUL SCHULTZ
 CLARENCE SHAPIRO
 EDWARD JEROME SILVERMAN, with Honors
 ROBERT LEE SMITH, Jr., with Honors
 PAUL MICHAEL SOMERS
 DANIEL JEROME STEINBERG, with Honors
 HOWARD JAMES STEWART
 RICHARD GARDNER STEWART, with Honors
 JOHN RUSSELL STRANG
 CHARLES EDWARD STREMPER
 GEORGE LEONARD STROUP
 EARL RICHARD VOGELSANG
 ROBERT WILLIAM WEBER, with Honors
 JOHN CHARLES WEECH, with Honors
 SEYMOUR WEINMAN
 WILLIAM CARLSON WEIPERT, with Honors
 JAMES RICHARD WHITFIELD
 ERNEST WILSON
 HOWARD ELDON WYMAN

In Accountancy and Management

GEORGE LEWIS FISHER
 JOHN THORNTON HAVENS

JAMES ADOLPH PARCHMANN, with Honors in Accountancy

In Banking and Finance

NEAL ELDON LEIGHTY
 VALE WAGNER NORTHRIDGE, with Honors

ALLAN EDWIN PUMPHREY

In Commerce and Law

WILBUR ALLEN EVERINGHAM, with Honors
 THOMAS JAMES HALPIN

JOHN RICHARD KELLER, with Honors
 HAROLD EDWARD SORTOR

In Commercial Teaching

ALBERTA FRANCES POLENSKE

JEAN GENEVIEVE MILDRED RILEY

In Economics

ELLIOT CHAUM
 DENNIS RONALD HEJNA
 MYRON IRVIN HUTNER
 JOHN MATTHEW KINNEAR, with Honors

JOSEPH EDWARD THOMAS O'MAHONY
 LESTER B. ORDMAN
 RALPH WILLIAM TIBBILLS

In Economics and Management

BURTON LOUIS FRANKEL

In Industrial Administration

DAVID TED BEDELL
 ROBERT ARTHUR JOHNSON
 SHERMAN IRWIN MANDEL
 JOHN WILLIAM MANIS
 ROBERT CLINGMAN MOHR

HERBERT ANDREW PAIRITZ
 HERBERT LYNN ROSZELL, JR.
 GEORGE HENRY WEATHERBE, JR.
 MILTON ROBERT ZELLMER

In Management

EVELYN MAE BAIRD, with Honors
 MARSHALL LEROY BENTSEN
 ROY THEODORE BRABEC
 ERVIN MERRILL BROWN
 MILES GARDNER BROWN

EDWIN ANTHONY BRUEGGEMANN
 EDWARD JOSEPH BUCZKIEWICZ
 PHILIP MACDONALD CARROLL, with Honors
 ROBERT AUSTIN CHITTENDEN

LEE ROY CRAWFORD
 ROBERT FRANKLIN DAVIS, with Honors
 DAVID JOSEPH DILLON
 LEE BRINK DRAPER
 LAWRENCE ALBERT DuBOIS
 DONALD ARTHUR ELANDER
 EDWARD STEWART EX
 LEONARD BENJAMIN FELDMAN
 RICHARD DONALD FORTIN
 ROBERT ADOLPH FRECH, with Honors
 JAMES RODERICK GARNER
 ROSS WARREN GILFILLAN
 PAUL FRANCIS HACKETT
 RUSSELL DENNIS HARBERT, Jr.
 TAFFIE HELLENY
 GENE WALLACE HENDERSON
 DON EUGENE HERRON, with Honors
 RAYMOND HUGHES
 JOHN ROBERT HUNTER

DONALD EDWARD JANSEN, with Honors
 DELMAR KARL JOHANNSEN
 JAMES ELMER JOHNSON
 DAVID GRAHAM KILBURN
 KENT WARREN LOCKE
 DOUGLAS LEE MARTIN
 JAMES JOSEPH McARDLE, with Honors
 WILLIAM ROBERT MITCHELL
 JOHN NARUSIS, Jr.
 ALAN HENRY ORLOVE
 ALICE ELEANOR PIERZHALA
 PETER HAMPTON PRESSON
 DONALD L. RAPPEPORT
 HAROLD LEROY RHODES
 STANLEY JULIAN ROSZKOWSKI
 WILLIAM VAL RYDEN
 CHANDLER GATES SMITH
 LOIS EMMA SMITH

In Management and Marketing

JOHN FRANKLIN BELT, with Honors
 ALDO DINO CAUCIG
 LEONARD LEE GIBSON, with Honors
 CHARLES ROBERT HERZOG
 LAWRENCE KRULEWITCH
 HERBERT CHARLES KRUPP
 NICHOLAS KURIGA
 DANIEL RAYMOND PICHON, Jr., with Honors

JAMES ELDON ROURKE
 LESLIE LOUIS SHEETS
 CLIFTON JOSEPH SMITH
 LEONARD SOROKA
 HOWARD ARTHUR STAI
 EUGENE MORRIS STINSON
 LLOYD WILLIAM THOMPSON
 LLOYD RANKIN WILLIAMS
 CLARENCE EVERETT ZERMER

In Marketing

KENNETH FREDRICK ABRAHAMS
 DONALD TAYLOR ANDERSON
 STUART EUGENE ANDERSON
 ALLAN HENRY BAHNSEN
 WILLIAM LOCKLIN BARKER
 CHARLES MOORMAN BARNETT
 TYLL CURT BATES
 LESLIE BRAVERMAN, with Honors
 WILLIAM HOLLIS BUECHNER
 ROBERT LYNN BUKOFZER
 RICHARD LAWRENCE CARDOZO
 JACK GUY CHARLESWORTH
 HARRY MEAD CLARK, Jr.
 THOMAS WILLIAM COEN
 IRENE ELLA CUNNINGHAM
 CHARLES BURTON DELBRIDGE
 EDWARD RUE ELLIOTT
 EUGENE BENJAMIN GOLD
 ARNOLD DAVID GOODMAN

FRANK CHARLES HART, Jr.
 ARTHUR HECKER
 PATRICIA JEANE HOFFMAN
 ALLAN CONRAD HOGANSON
 HALE HOLDEN HUDDLESTON
 EUGENE LAWRENCE JOHNSON
 JAMES WOODROW KASSERMAN
 ODELL LEON KIRK
 HENRY JUNIOR KUERTH
 HAROLD LEON
 FRED MILLER McCAHEY
 ROBERT JOSEPH MINNING, with Honors
 WILLIAM HAMILTON ORR
 PHILIP BISHOP PARKER
 CHARLES STEVENS REPA
 ROBERT GERALD SLAVIK
 HAROLD M. TEEPLE
 EUGENE JOHN TRANDEL

In Public Affairs

CHARLES MATHEW HOLLEB, Jr.

SCHOOL OF JOURNALISM

Degree of Bachelor of Science

In Journalism

ARLENE HARRIET BILLOW
 LAWRENCE EDGAR BLOSTEIN
 MARGARET NICHOLSON BROWN

ROBERT JULIUS BURKHARDT
 JAMES ASHTON CHAPMAN
 JOHN THOMAS COY

CHARLES DONNELLY CRAM
 JACK MILTON CRANNELL
 JOHN NICHOLAS DEBOICE, with
 Honors
 JEANETTE PARQUETTE DODGE
 JAMES ROSS DOWLER
 DONALD HUGH DRISKELL
 JOHN RICHARD EBY
 HELEN JEAN ERNST
 ELAINE FOLK
 RICHARD LESLIE GIBBS, with Honors
 MILLER RALPH GREEN
 ALVIN ROBERT HAERR, with Honors
 ROBERT GEORGE HALLSTEIN
 ROY GERALD HAMRICK
 JOHN HENRY HICKS
 GROVER C. HOFF
 PHILLIP BYRUM JEFFRIES
 OCTAVIO JORDAN
 LEON HOWARD KATZ
 CARREL LINCOLN KIMMEL
 ADELE EVELYN KING
 WILLIAM FRED KOELLING
 JOSEPH EDWARD KONVICKA
 EUGENE NICHOLAS LANG
 GEORGE JOSEPH LIPOTICH
 LEE DONALD MANN
 LOUIS PRESLEY MAUTZ
 BEVERLY LOU MEDOW
 EDWARD ANTHONY MICHALSKI

JULIA ELIZABETH MINER
 LOIS SANDQUIST MOORE, with Honors
 GRETA MORGANSTINE
 JACK WALTER NESSLAR
 JOHN THOMAS PAVIS
 LOUISE HELEN PAWLOWSKI
 ARTHUR JAY PERBOHNER
 LEO EDWARD PERSELIN, with High
 Honors
 ALVIN WILLIAM PISTORIUS, with
 Honors
 LEONARD PRIMER
 HARVEY RUBIN
 RALPH RICHARD SCHENK
 MILO JOHN SEE, JR.
 ERIC PAUL SELIN, with Honors
 EDWARD GEORGE SINGER, JR.
 ROBERT ROY SINGER, JR.
 SEYMOUR SOGLIN
 ROBERT G. SUMMERS
 CECIL GORDON TAYLOR
 JANE BONKER TESTER
 JAMES OSCAR THOMPSON
 NATHAN UDITSKY
 EDWIN WEINSHELBAUM
 JACK HANLEY WEST, JR.
 J. CARROLL WILSON
 RALPH ALONZO WRIGHT
 GEORGE WENDELL ZEMINA

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architectural Engineering

KENNETH FORD EINHORN, with High Honors	LELAND LAMONT LAWRENCE, JR., with Honors
DAVID WOLFE FREDMAN	WILLIAM DENNIS MURPHY
RALPH WOOLVERTON GOULD	GUY ROBERT PETERSON, with High Honors
VINCENT FRANCIS HAMANT	HOWARD ROSE
SHELTON MARSHALL HANNIG	ALAN GRANTHAN SEDER, with Honors
OLIVER LEON HERRICK, with Honors	VERNON KELLER SENOUR
GEORGE MCFARLAND HODGE, JR.	ROY ELLIS UNSIN, with Honors
JAMES CHARLES JAMES, JR., with Honors	DONALD OTTO UNTEED
THOMAS CHRISTIAN JELLINGER	HENRY HAROLD VARLEY

In Architecture

SILAS STRINGHAM BIGELOW	WILLIAM GEORGE KARSON
ROBERT PAUL BRADLEY	DAVID JOSEPH KATZ
EDWIN IGNATIUS JOHN CALLAHAN	HAROLD WARREN KEMP, with Honors
ROBERTA ANN COOKE, with Honors	OSCAR KLEB
LOUIS CHRIS CORDOGAN	JACK WESLEY KLUND, with Honors
ROBERT LAWRENCE FRIEDMAN, with Honors	PELAYO M. LLARENA, with Honors
ARLAND DELAINE GOULD	BERNARD CHARLES MACK
FRANK CARLETON HUFFMAN, JR.	ROBERT ANDREWS NELSON
ARA IGNATIUS	JOHN GORDON REPLINGER, with Highest Honors
HERBERT EDWARD KAISER	WALLACE GLENN SMITH
ALLAN LOUIS KARL, with Highest Honors	RICHARD EUGENE SPENCER
	JAMES PERDUE WILLIS

In Music Education

NORMA LEE LINDENMUTH
 ABBIE MARIE OLSON, with Honors

ALBERT DALE SHEPHERD
 ARNOLD KENNETH WILLIAMS

Degree of Bachelor of Fine Arts*In Advertising Design*

KENNETH EDWIN CONSAUL
 LAVON THERESA DAVITO
 EUGENE LOUIS KOLKEY

PATRICIA ANN MCKEE
 WILBURN ALLEN MOORE

In Art Education

HERBERT DANIEL BLUMENTHAL
 LINDA LEE ERMISCH

FAIRIE LOUISE HAVENS
 FRANK JOSEPH MULA

In Industrial Design

OLGA KALAPACA DURHAM, with High
 Honors
 WARREN WALTER FITZGERALD, with
 High Honors
 WARREN SMITH GLENNY

GAYLE MAYNARD HARDY
 EDWARD KLEIN
 THOMAS CASEY KNIGHT
 JULIUS JOHN SABYAN
 GEORGE EDWARD SCHUTZ

In Painting

ELIZA ANNE FAIRFIELD
 MARJORIE MARY WALDSCHMIDT

ELLEN MAE WEBB

Degree of Bachelor of Music

FRED MANNING HUBBELL, with Honors CARL EDGAR LEACH

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

MICHAEL ALBERT BANCHY, JR.
 MELVIN BARKAN
 BILLY HUBERT BATTERSHELL
 HUGH JARMUTH BITTER
 CHARLES RAY CHAPMAN
 PASQUALE ANTHONY CIVITELLO
 WILLIAM DAVID COOK
 JOHN RICHARD DOHERTY
 ROSS HOWARD ELVIDGE
 GEORGE FREDERICK FISCHER, with
 Honors
 GORDON LEE FISHER
 JAMES SCOTT FLEMING, with Honors
 ROLAND JOSEPH GAGNON
 AIX BARNARD HARRISON
 ROBERT REDMOND HESSENBERGER
 RALPH HOWARD HINES
 DONALD LEE HOSKIN
 MURNEY MYLES LAZIER, with Honors
 ARMAS JOHN LEHTINEN
 PHILIP WEAVER LOGSDON
 JOHN LUKACHIK, JR.
 DONALD MILTON MAECHTLE

LESTER THOMAS MAPES, JR.
 SAM MARSHALL MUSCATO
 GEORGE EDWARD NASH
 JAMES HENRY NEUFELDT
 DORIS MARIE NEYENDORF
 ALVIN HENRY NOBLE
 PAUL ROBERT OLSON
 HOWARD PALMER
 RALPH ANTHONY PIGNATO
 PATRICIA JANE POYTEN
 MARILYN RUTH ROSENBAUM
 JOHN FREDERICK SANDWICK, with
 Honors
 STANLEY EUGENE SCHOFIELD
 EDMOND WALDRON SHEA
 ROBERT HELMUT TOBER
 GEORGE JOHN TORHAN
 GORDON ALBERT VAUNDRY
 JOSEPH GEORGE WASKO, with Honors
 ROBERT JOHN WATT
 CHARLIE HALL WOOD
 JEANNE FAY YOUNG
 FRED F. ZANDIER

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

PHILIP ACKERMAN	JAMES VAN ALLEN EDSALL
CALVIN KARKOW AGGER	WILLIAM McLEAN EDGERLEY
ROBERT MAURICE ALCORN	GEORGE JOSEPH ELLIOTT
DANIEL EDWIN ANDERSON	EARL DUANE EYMAN, with Honors
WILLIAM EDWIN ANDERSON	LADD WILLIAM FAULKNER
JOHN PAUL APLINGTON	GLENN LOUIS FELTZ
LEONARD WILLIAM ARMON	JOHN KENNETH FISSINGER
KARL ARON	ROBERT JAMES FOLKS
EDWARD AUERSWALD	ERNEST RICHARD FRALEY
BERT BELL BABERO	RICHARD YUNGHANS GARY
WILLIAM ROBERT BANE	RAMON SHROYER GIBSON
EMANUEL MANNY BARKIN	ALFRED GEORGE GIERACH, Jr.
LESTER BARKMAN, JR.	DONALD PIERCE GIFFORD
ROBERT MILLER BARRICK	EARL CHARLES GOETSCH
JOSEPH JACOB BARONE	LYMAN GREER, JR.
FREDERICK REED BATES, with Honors	GEORGE NEWTON GRIFFITH
JOSEPH EUGENE BAUGHMAN	WILLIAM MARION GRIFFITH, with Honors
FRANCIS ADRIAN BAUMAN	DONALD BUTLER GRIM
MERVIN LEON BEIL	ARTHUR FREDERICK GUDEHUS
MAURICE ALBERT BENDES	WILBERT FERDINAND GUTH
EVO ROLAND BINDI	DICK THORMAN HAAS
WILLIAM WEBB BLAIR	PHILIP REA HAGAN
WILLIAM IRVING BLANKENBERG	ROBERT ERICK HAHN
HUBERT EUGENE BLAZINA	RICHARD DIRCK HAMILTON
GEORGE SHEPARD BLOCK	JOHN DODGE HAMPEL
BERNARD BLOOM	CASPER FREDERICK HANAWALT
MILTON TUCKER BODMAN	CALVIN HANNA, JR.
CHARLES HENRY BOWMAN	JOHN PHILIP HARNEY
ROBERT WILLIAM BRANDT	RALPH WALTER HARTSHORN
ROBERT FREDRICK BRODAY	CLARENCE THOMAS HAWORTH
EDWARD LAWRENCE BROWN	HUGH MARSTON HEFNER
LARRY FRANK BROWN, with Honors	RALPH EDWARD HELMERICKS, JR.
RICHARD CLARENCE BUGIELSKI	BILLY KEITH HILL
CLYDE ANDREW BURKHEAD	KIM HILL
RICHARD EKSTROM CARLSON	ELMER PHILLIP HOHMANN
ALLAN ROY CARPENTER, JR.	JAMES HARLAN HOUTCHENS
ROBERT JOSEPH CASEY	JAMES RILEY HUFF, JR.
RICHARD FOWLER CASPER	RALPH SIDNEY HURWITZ
ROBERT LEE CAVITT	LLOYD NATHANIEL HUTH
ALVIN LANCASTER CHESTER	LAWRENCE EDWARD JACOBSON
PHILIP JOSEPH COCHRANE	WILLIAM HAROLD JACOBSON, JR.
RICHARD MALCOLM COOPERMAN	WILLIAM CLARENCE JAMES
ROBERT COXWORTH	RAYMOND WILLIAM JASEK
RICHARD RAYMOND CROSS	CHARLES HERMAN JESKE
ROBERT WELTON CUMMINS	CARL RICHARD JOHNSON
JAMES WESLEY CURFMAN	HARRY ALFRED JOHNSON, JR.
JOSEPH FRANCIS CUSICK	ELMER LEWIS JONES
WILLIAM GEORGE DAHLQUIST	RICHARD LEWIS JOUTRAS
ROBERT EMMETT DAVLIN	ROBERT ARRINGTON KAMERMAN
RICHARD HAWKINSON DEBAUGH	WALTER RAYMOND KENYON, JR.
JOHN JOE JAMES DESMOND	WESLEY ROBERT KING
ARTHUR VINCENT DEYOT	DEXTER ASA KNOWLTON
ALAN JOHN DIXON	STEWART BERNARD KOPPEL
ISAAC NEWTON DOLGINOW	STANLEY JOSEPH KOZUCH
JOHN CHARLES DUNSMORE	JEROME ELMER KROPP
LEONARD DURHAM	

ROBERT THOMAS KRUPPE
 RICHARD EDWARD LARSON
 EMANUEL HENRY LAZERSON
 CARROLL THOMAS LEMONS
 WILLIAM ANDREW LEWIS
 LAWRENCE LIEBERMAN
 CARL DAVID LINDER
 MAX GOMAN LINDSAY
 JACK LIPE
 ROBERT ROSCOE LIPE
 HUBERT MAYO LIVINGSTON
 PAUL EDWARD LONGENBAUGH
 ROBERT LEWIS LUBIN
 JAMES FRANCIS LYNCH
 J. EDWARD MAHONEY
 JACK LANE MANNLE
 WARREN CHARLES MARGGRAF
 JOSEPH PHILIP MARGOLIS
 ELMER MAURER
 NORMAN DEANE MAYFIELD
 WALTER FREDRICK McCONNELL
 JOSEPH ALBERT McDADE
 MAURICE HAINLEY McDANIEL
 JAMES PATRICK McGRADY
 ADDISON ALLEN McLINTOCK
 ELIZABETH JUANITA McRAE
 GORDON GLENN MEIER
 SHELDON SAMUEL MELS
 GENE FRANCIS METZINGER, with
 Honors
 ELLEN LOUISE MICHAEL
 DAVID MILLER
 ROSS J. MILLER, with Honors
 EDWARD ALEXANDER MITE
 STANLEY LOUIS MOLASKY
 HAROLD THOMAS MOONEY
 WILLIAM JOHN MOSHER
 JOHN GREGORY MUDGE
 BRUCE MITCHELL MUIRHEAD
 HUGH RONALD MURPHY
 ROBERT MILLER NAAS
 WILLIAM ROGER NASH
 IRVING NEAR
 MAURICE EDWARD NEWLON
 HENRY CARL NEWMAN
 ROBERT CHARLES NICKELS
 ROBERT IRA NIERMAN
 EDWIN JOHN NOWAK
 MAURICE BERNARD NURSE
 WILLIAM KIRLEY O'CONNOR
 MAX LEROY OLSON
 WILLIAM HOWARD ORCUTT
 JOSEPH EDWARD PALMER
 WESLEY HUGH PATTERSON
 ROBERT LEWIS PEARSON
 EMMETT WILKES PERKINS
 CHARLES WILLIAM PFIESTER
 ROBERT JAMES PHILLIPS
 CHESTER LEONARD PIETRZAK
 MORTON THOMAS PLUDA

THOMAS JOSEPH POWERS
 DONALD RICHARD PRENTICE
 MABBETT KING RECKORD, Jr.
 JAMES JOSEPH REEDY
 JACK ROGER REWERTS
 JOHN ORLIE RICHARDSON
 WALTER AITKEN RIDDLE
 BRADLEY WALLACE RIPPPEL
 ARTHUR HERMES ROBERTS
 HOLMES PAUL ROBERTSON
 JOHN BLAINE ROTH
 SIDNEY LEWIS ROSENBLUM
 MELVIN PASSON ROSKE, JR.
 JULIUS ROTTER
 LOUIS EDWARD ROWE
 GEORGE BOYLE RUMSEY
 JOSEPH PAUL SABAN
 JEROME REEVES SAGER
 WARREN WALLACE SCHUMACHER
 LEROY FRED SCHWEITZER
 MARION WALTER SCOTT
 NORMAN WILLIAM SEEGREN
 MALCOLM JACK SHAFER
 QUENTIN RAY SHARP
 JOSEPH H. SHARPE, JR.
 JAMES EDWARD SHERIDAN, with High
 Honors
 GUY SHERMAN, JR.
 JACK BALES SHEWALTER
 GILBERT SHMIKLER
 ROBERT BURTON SIMON
 ROBERT EUGENE SIMPSON
 GEORGE CHARLES SLEZAK
 GUY HADLEY SLOAN
 GERALD RUSSELL SMITH
 LELAND CROSS SMITH, JR.
 SIDNEY SOSIN
 EUGENE STERN
 EUGENE ARTHUR STERN
 MELVIN POTTER STRAUS
 ELMER ERNEST STRONG, JR.
 WILLIAM MAYNARD TALBOT
 THOMAS FOLBRE TAYLOR
 WENDELL TOZER
 JOHN EDWARD TROLLER
 WINSLOW ERNEST UEBEL
 PAUL USLAN
 WILLIAM MONT UTTERBACK
 WILLIAM LAWTON VINEYARD
 ROBERT JOSEPH WAKEFIELD
 WILLIAM JAMES WALKER, JR.
 JOSEPH RUSSELL WALL
 FRANK ARTHUR WALTERS
 JACK WILLIAM WARNER
 JAMES WILBUR WARREN
 DONALD HOWARD WEDDLE
 ROBERT CHARLESWORTH WEHRMANN
 KEITH BURTON WILCOX
 JESSE BALDWIN WILLIAMS
 ANTHONY HERMAN ZILLNER, JR.

PURCHASES

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.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
X-ray equipment including 300 MA generator, control, timer, tube, cables, wall-mounted bucky and accessories	Research and Educational Hospitals	Picker X-Ray Co., Chicago	\$4 532 00
500 cases No. 207 bleached towels, 10 ¼ x 13 ¾; 300 cases toilet tissue 10 lb. manila, 1500 sheets a roll, 50 rolls a case; 40 cases toilet tissue 10 lb. manila, 1000 sheets a roll, 100 rolls a case	Physical Plant	S. V. Cain, Inc., Peoria	4 723 00 f.o.b. Urbana
One 20" micro-speed "V" ram type shaper with helical bull gear, Timken roller bearings, instantaneous speed and feed changes, full swivel vise, table support, handles, wrenches, and 5 hp 220/440/3/60 motor	Chemistry	Peoria Tool & Engineering Co., Peoria	2 875 00 f.o.b. Albany, N.Y.
Thirty-four two-pupil wood tables 24" x 48"; 68 No. 368 classroom seating chairs 17" size	University High School	American Seating Co., Chicago	1 234 61 f.o.b. Urbana knocked down
Four entrance lights for the new Chemistry and Chemical Engineering Building	Physical Plant	Leverenz Electric Co., Danville	1 869 00 f.o.b. Urbana
Five No. 31-26-24 Bausch and Lomb microscopes, model BKW, complete except for cases	Veterinary Pathology and Hygiene	E. H. Sargent & Co., Chicago	1 674 00
Four model 200B regulated power supply; 2 model 204 ditto	Electrical Engineering	Electronics Measurements Co., Red Bank, N.J.	1 530 00 f.o.b. Eatontown, N.J.
40,000 lbs. 25 x 38—70 lb. champion wedgewood coated offset book paper	Office Supply Store	Decatur Paper House, Decatur	6 334 72 f.o.b. Urbana
One precision coaxial slotted line section, type No. 205-A; one precision waveguide slotted section type No. 209-A; two broad band probes type 250; one waveguide slide screw tuner type 309; two fixed coaxial pads type 130-C; two fixed coaxial pads type 130-D; two dozen flange bolt and nut assembly type 369-A; 4 waveguide stands type 375; two bolometers type 610; one waveguide termination type 129	Electrical Engineering	Waveguide Manufacturing & Equipment Co., Inc., New York City	1 664 74 f.o.b. N.Y.
One No. A600c Ohio Scanlon major operating table with accessories for the Research and Educational Hospitals	Research and Educational Hospitals, Operating Room	Hospital Equipment Corp., Chicago	1 595 00 f.o.b. Chicago
Laboratory furniture for Laryngology Laboratory	Research and Educational Hospitals	Kewanee Manufacturing Co., Evanston	1 427 21
123 dozen hypodermic syringes	Chicago General Stores	Hospital Equipment Co., Chicago	1 825 25 net delivered
3,468 pieces assorted Coors porcelain laboratory ware	General Chemical Stores	E. H. Sargent & Co., Chicago	1 748 35 f.o.b. Urbana
One 8-ton, single lever, manually operated, 2-strain rod hydraulic press w/pumping unit, mounting stand, 7 ½ hp motor, magnetic reduced voltage starter, hydraulic knockout cylinder, 3 hp motor for knockout cylinder, and starter for 3 hp motor	Ceramic Engineering	Denison Engineering Co., Columbus, Ohio	2 612 65 f.o.b. Columbus

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One ½ ton Ford 100 hp 114" wheel base panel truck equipped with heavy duty tires, overload springs, heater and defroster, to replace 1938 Dodge ¾ ton panel truck	Horticulture	Dana Hudelson, Inc., Champaign	1 381 97
Three oscilloscopes, type 511AD	Electrical Engineering	Tektronix Co., c/o James E. Everett, Evanston	2 535 00 f.o.b. Portland, Ore.
One International O4-2 plow orchard tractor with accessories	Horticulture	Power Farm Implement Co., Champaign	1 823 47
One laboratory autoclave (sterilizer) single wall, 21 ½" x 38", direct steam heat, automatic	Chemistry	American Sterilizer Co., Erie, Pa.	1 139 40
Light fixtures for new Chemistry and Chemical Engineering Building	Physical Plant	Hyland Electrical Supply Co., Chicago	4 694 80 f.o.b. factory
		Efengge Electrical Supply Co., Chicago	4 552 36 f.o.b. Urbana
101 General Electric ranges No. AP1-47; 102 General Electric refrigerators (101 model NC-60 and 1 model NB-8D)	Physical Plant	St. Joseph Appliance Store, St. Joseph	28 759 49
Kitchen cabinets for 101 apartment kitchens and lounge kitchen	Physical Plant	Howard's Appliance Store, Monticello	28 251 56
Eighty student laboratory tables, 26" x 32" x 28 ½" high x 1 ¼" five-ply masonite top	Geology	W. B. Read & Co., Bloomington	2 048 98
Eighty-five feet furnace wire, platinum 80%, rhodium 20%, .032" diameter; 50 feet furnace wire, platinum 80%, rhodium 20%, .050" diameter	Ceramic Engineering	Baker & Co., Inc., Newark, N.J.	1 932 09
Five lbs. aminoacetic acid (glycocoll) N.F.; 1000 grams 1 (-) tyrosine; 1000 grams (-) leucine; 100 grams 1 (-) proline; 1000 grams dl Phenylalanine; 1500 grams dl Threonine	Chemistry	Merck & Co., Rahway, N.J.	1 664 50
Laboratory furniture	Dairy Production	Walrus Manufacturing Co., Decatur	4 019 75
Paintings:	College of Fine and Applied Arts		
"Mocking Soldier" by Rico Lebrun		Rico Lebrun, Los Angeles, Calif.	1 100 00
"Le Malheur adoucit les pierres" by Yves Tanguy		Pierre Matisse Gallery, New York City	1 360 00
Leather upholstered furniture for student lounge in new Mechanical Engineering Building	Physical Plant	Kiler's, Inc., Champaign	1 408 93 f.o.b. Urbana
Twenty-four police uniforms consisting of coat, trousers, and two caps, made of 19 oz. blue whipcord	Physical Plant	DeMoulin Bros. & Co., Greenville	1 729 20
Laundry service	Colleges of Medicine, Dentistry, and Pharmacy, and the Research and Educational Hospitals	Lahey Laundry, Chicago	5 560 00 (estimated)
<p>This is to supplement the service of the University's laundry operated by the Physical Plant Department which because of space limitations is unable to do all of the work required. Fifty-seven commercial laundries in the Chicago area were asked if they would be interested in bidding on such service and 12 replied they would. Subsequently six of these laundries submitted bids on a one-stop service with a central pick-up and delivery and two submitted bids on the basis of collecting and delivering laundry at the various locations required. The multiple pick-up and delivery service will be more efficient and economical than a one-stop pick-up and delivery service which would require the University to collect and distribute the laundry internally. This service is proposed only until June 30 of the current fiscal year with any change in price to be mutually agreeable to both parties before it is put into effect. This supplementary service will enable the University to reduce the volume of work handled by its own laundry to a point of greater efficiency.</p>			
125 No. 455 Jasper side arm chairs, walnut finish; 59 No. 453 Jasper side chairs, walnut finish for new Chemistry and Chemical Engineering Building	Physical Plant	W. B. Read & Co., Bloomington	1 850 48 f.o.b. Urbana
Sixty-four sectional bookcases, each to consist of one 13" section and four 11" sections, top and base, for the new Chemistry and Chemical Engineering Building	Physical Plant	Jack Sheean, Bloomington	3 750 34

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Thirteen No. 6260 Central Desk Co. solid walnut island base desks 60" x 34"; two No. 6266-4 ditto 66" x 36"; six No. 6460 ditto 60" x 34"; 14 No. 6705 Central Desk Co. solid walnut telephone cabinets; 10 No. 6660 Central Desk Co. solid walnut tables 60" x 34" for new Chemistry and Chemical Engineering Building	Physical Plant	Weber, Himer & Johnson, Chicago	3 000 00
Four swivel arm chairs, gray metal, green leather upholstered; 11 swivel chairs without arms, gray metal, green leather upholstered; 146 side chairs, gray metal, green plastic upholstered seat, for new Chemistry and Chemical Engineering Building	Physical Plant	Educational & Institutional Cooperative Service, Inc., New York City	2 166 19 delivered
112 single pedestal flat top desks, gray metal, 45" x 28"; 4 double pedestal flat top desks, gray metal, for new Chemistry and Chemical Engineering Building	Physical Plant	Paxton Typewriter Co., Bloomington	7 591 25
Thirty-one four-drawer vertical letter files, Grade A, gray finish; 37 ditto, walnut finish; 2 files same as above with lock; 12 vertical letter files, 3 drawers letters, 2 drawers 4" x 6" cards, walnut; 1 file same as above with lock; 5 vertical letter files, 3 drawers letters, 2 drawers 4" x 6" cards, gray; 3 vertical letter files, 3 drawers letters, 2 drawers 3" x 5" cards, walnut, for new Chemistry and Chemical Engineering Building	Physical Plant	W. B. Read & Co., Bloomington	5 122 85
Quonset building, 40' x 120', to be erected at the University of Illinois Airport	Institute of Aviation	Harshbarger Building & Supply Co., Urbana	10 178 00
Foundation and concrete floor slab for Quonset building; labor and material to install insulation in said building		Wascher Concrete & Insulation Co., Champaign	7 655 00

B. Purchases Authorized

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.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One stacking fixture for field pieces; 2 nose clamping plates	Physics	Allis-Chalmers Manufacturing Co., Milwaukee, Wis.	\$ 6 000 00
Parts for construction of reversing switch to be used with 300 MEV betatron: 500 X-96093 movable contacts; 500 E-12075 contact springs; 300 B-15288 spring shields; 300 B-15287 contact supports; 1000 G-5106 stationary contact tips; 300 B-12379 nuts, special 3/4"—20; 1000 E-11859 silver brazing sheets	Physics	Allen Bradley Co., Milwaukee, Wis.	3 763 75
Steel for winding mandrel for 300 MEV betatron for Allis-Chalmers to be shipped to the New York Naval Shipyard, Brooklyn, N.Y., where work is to be done	Physics	Allis-Chalmers Manufacturing Co., Milwaukee, Wis.	1 450 35
One model 4WD Jeep 4-wheel drive one-ton truck	Forestry	Reeder Auto Sales, Champaign	1 878 91
2500 copies Engineering Experiment Station Circular No. 56	Engineering Experiment Station	Williamson Press, Inc., Springfield	1 900 00
One 500' length 1/C 3,000,000 cm., concentric strand, 469/.080" each wire to be double formvar insulated, type HF, standard concentric strand with each layer applied in reverse directions, .200" VC, tape and braid 8 KV	Physics	General Cable Corp., Milwaukee, Wis.	4 583 00 f.o.b. West Allis, Wis.

**COMPTROLLER'S REPORT OF CONTRACTS EXECUTED
DECEMBER 11, 1948, TO JANUARY 10, 1949**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Veterans Adminis- tration	Refresher courses under PL346 at Chicago Professional Colleges (Con- tract No. VA 28r-ve318)	Rates per contract	January 1, 1947
War Department, Headquarters Fifth Army	Contract No. W-11-175TNG-(AAV)- 370	\$ 750 00	October 1, 1948
War Department, Headquarters Fifth Army	Course in Neuropathology	None	October 6, 1948
Veterans Adminis- tration	Services relating to the counseling of veterans (Contract No. V 3028V-17)	Rates per contract	August 25, 1948
VioBin Corp.	Study of influence of wheat germ oil on physical fitness tests	2 000 00	December 18, 1948
Dawe's Products Co.	Study of rations for broiler production	1 500 00	December 13, 1948
Eli Lilly & Co.	Study of mumps vaccination	5 346 00	November 1, 1948
Illinois Clay Products Co.	Study of effects of certain treating agents on the plastic and high tem- perature properties of illite and kao- linite clay	5 500 00	December 20, 1948
Navy Department, Bureau of Yards and Docks	Contract No. NOy-16104	6 590 00	May 11, 1948
Navy Department, Office of Naval Research	Contract No. N6ori-07123	3 000 00	August 2, 1948
Navy Department, Bureau of Supplies and Accounts	Contract No. N7sp-7049	1 000 00	September 1, 1947
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
E. C. Manthei	Agreement for mechanical engineering services in connection with mainte- nance program of physical plant	\$ 415 00	December 1, 1948
Museum of Modern Art	Show exhibition "Open and Closed Form—Modern Sculpture"	100 00 and transporta- tion fee	November 29, 1948
Larken Contractors	Tiling on Wright Farm No. 4	1 596 90	November 5, 1948

**CHANGE ORDERS FOR COST-PLUS CONTRACTS UNDER STANDING
CONTRACTS OF JULY 1, 1948**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>
Lewis S. Colbert	Eleven change orders	\$23 649 45
Reliable Plumbing and Heating Co.	Ten change orders	4 295 69
Schroeder's	Eight change orders	2 925 51
Square Deal Electric Co.	Sixteen change orders	13 852 67

REPORT OF CONTRACT CHANGES EXECUTED

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Champaign Plumbing and Heating Co.	Additional cost at Federal Works Agency Warehouse over original estimate	\$ 703 93	December 11, 1948
Sargent and Lundy	Increase in fee due to additional cost, in accordance with terms of original contract	19 100 00	November 5, 1948

LEASES EXECUTED UNDER GENERAL REGULATIONS OF THE BOARD

<i>With Whom</i>	<i>Property</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Marcus M. Rhoades	709 West Michigan, Urbana	September 1, 1948, to August 31, 1949 \$ 100 00 a month	November 19, 1948
Jack Ryan	601 ½ East Springfield, Champaign	November 16, 1948, to May 31, 1949 25 00 a month	December 2, 1948
War Department, Corps of Engineers	Lease No. W-11-114-Eng-5144	July 1, 1948, to June 30, 1949 46 25 a month	June 14, 1948