

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

April 20, 1953



The April meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Monday, April 20, 1953, beginning at 10:30 a.m.

The following members were present: Mr. Cushman B. Bissell, Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Wayne A. Johnston, Mr. Park Livingston, and Mrs. Frances B. Watkins. Mr. Harold E. Grange, Mr. Robert Z. Hickman, Mr. Herbert B. Megran, Mr. Vernon L. Nickell, and Governor William G. Stratton were absent.

Also present were President George D. Stoddard, Provost Coleman R. Griffith, Mr. Ralph F. Lesemann, Legal Counsel, Mr. J. F. Wright, Director of Public Relations, Mr. Lloyd Morey, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

EXECUTIVE SESSION

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board convened in Executive Session to consider the following reports and recommendations from the President of the University.

PATENTABLE DISCOVERIES

(1) The University Patent Committee submits the following recommendations relating to potentially patentable discoveries:

a. Thomas R. O'Meara, Research Associate in Electrical Engineering, and Harold D. Webb, Associate Professor of Electrical Engineering, have developed a method for recording bearings from a Watson-watt or dual-channel type direction finder. This invention is the result of research under a contract with the Office of Naval Research. The invention is of primary interest to various government agencies and has only limited commercial possibilities. The Committee recommends the release of the invention to the United States Navy.

b. Arthur L. Samuel, formerly Professor of Electrical Engineering and now on the staff of the Bell Telephone Laboratories, has developed an electrostatic storage system for high-speed computers. The basic idea was formulated by him at the University of Illinois and the Board of Trustees authorized the filing of a patent application. Subsequently the University's patent attorney discovered a possible interference with this patent and it was decided, with the approval of the Board, not to prosecute the application. Dr. Samuel has now offered to reimburse the University for expenses (approximately \$1,000) incurred in this patent application if the University will release to him all rights it may have. The Committee recommends that all rights be released to Dr. Samuel under this condition.

I concur in these recommendations.

On motion of Mr. Johnston, these recommendations were approved.

**PATENTABLE DISCOVERIES DISCLOSED BY GRANT FAIRBANKS
AND WILLIAM L. EVERITT**

(2) The Board of Trustees has authorized patent applications covering an invention by Professor Grant Fairbanks of the Department of Speech, Dean William L. Everitt of the College of Engineering, and Mr. Robert P. Jaeger, formerly Electronic Engineer in the Department of Speech and now on the staff of the Bell Telephone Laboratories, of an electro-mechanical machine for time compression of acoustical signals and its use in various types of communications systems. The device makes possible reproduction of connected speech or music in less or more than the original time with retention of intelligibility and fidelity of reproduction.

Professor Fairbanks disclosed on March 22, 1953, as the sole inventor, a device for effecting time or frequency compression, or time or frequency expansion, by electronic means. He and Dean Everitt also disclosed on March 31, 1953, a control device for automatic and variable time compression and expansion. This permits playback of a recorded signal in shorter or longer time than the original recorded time, or in the same time, without substantial alteration of the original recorded frequencies, reproduced pitch, or intelligibility in the case of speech. It is based on the essential principles of a feature of the original time compressor. It offers possibilities of being incorporated, at comparatively low cost, in various types of communications equipment, a conspicuous example being office dictating equipment in which the control unit could be operated by foot, elbow, or finger and the operator transcribing recorded dictation could select a speed of reproduction appropriate to typing speed, varying such speed according to variations in the speed of dictation.

The original, signed and witnessed, disclosures of these two additional devices were filed on the dates indicated with the Secretary of the Board of Trustees. Because of the commercial possibilities inherent in these two devices, the patent attorneys for the University and the University of Illinois Foundation have been requested, through the Foundation, to institute patent applica-

tions to be assigned to the Foundation. For obvious reasons, it is desirable to keep the existence of these devices confidential, at least for the time being. Since the present devices are technological extensions of the original invention, and since the basic discoveries, as well as the details of the original invention, have already been fully and formerly reported before scientific societies in Urbana and in New York City, such procedure would not be in violation of scientific ethics.

On motion of Mr. Herrick, the actions taken were confirmed and the patent applications authorized.

**AGREEMENT WITH DEMONSTRATOR'S ASSOCIATION OF ILLINOIS
AND APPROPRIATION FOR SERVICES TO THE
COLLEGE OF MEDICINE**

(3) The Chicago Professional Colleges purchase anatomical specimens required for the instruction of students and for research from the Demonstrator's Association of Illinois, a non-profit corporation chartered to secure such specimens for medical and other schools requiring the same. The participating institutions pay the Association for services rendered, the charges in each case being based upon the number of specimens delivered. The charges are sufficient only to cover the cost of preparing and delivering specimens, and the Association realizes no substantial profits or surplus from its operations. It has never had adequate quarters and has been carrying on its work in several old buildings which are now the property of the Medical Center Commission. The building presently occupied is in an unsatisfactory location and is in such poor condition that expenditures for repairs would not be justified.

The University of Illinois is represented on the Board of Directors of the Association, and it is the judgment of this Board that the Association should construct a new building suitably located and properly equipped for its work. The Board proposes to increase the charges for specimens sufficiently to amortize the cost of a new building and equipment over a period of years, but it has no capital for construction and the only feasible method of financing it is through securing advance payments from participating institutions for services to be rendered. The institutions making such advance payments will not be charged the additional prices for specimens to be paid by other institutions and agencies served by the Association.

A fund of \$100,000 is needed by the Association for the purchase of a site, construction of a building, and installation of equipment. The Association asks the University of Illinois for an advance payment of \$33,410 for services to be rendered, in return for which the University will be relieved of approximately \$2,000 per year of extra charges for the specimens it will purchase.

The Business Manager of the Chicago Professional Colleges, the Acting Dean of the College of Medicine, and the Comptroller recommend that the Board of Trustees authorize an agreement with the Demonstrator's Association and payment of \$33,410 for this project. Funds are available for this purpose in the readjusted budget for the operation of the Research and Educational Hospitals recently authorized by the Board.

I recommend that this plan be approved, that an appropriation of \$33,410 be made from the source indicated, and that the Comptroller and the Secretary be authorized to execute the necessary documents subject to approval of the same by the Legal Counsel.

On motion of Mrs. Watkins, this recommendation was approved, an appropriation of \$33,410 or so much thereof as may be necessary was made for the project, and authority was given as requested. This action was taken by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mrs. Watkins; no, none; absent, Mr. Grange, Mr. Hickman, Mr. Megran, Mr. Nickell, Mr. Stratton.

WAGE AGREEMENT WITH BUILDING SERVICE EMPLOYEES

(4) With the approval of the Board of Trustees (May, 1943), the work week of Building Service Employees (janitors) at Champaign and Urbana was established. In July, 1943, the Board approved payment of wage rates to janitors in Champaign and Urbana based on Class B Common Labor rates paid in this community. In May, 1948, again with the approval of the Board, an agreement was negotiated for a rate structure and conditions of employment paralleling, in principle, those in agreements between the Building Managers Association of Chicago and Building Service Employees in that city.

The present agreement with the employees at Urbana-Champaign is on a year-to-year basis and provides that either party may reopen the agreement for new negotiations upon notice to the other at least sixty days before expiration of the agreement. Inasmuch as it was based on actions of the Board of Trustees, the Director of Nonacademic Personnel requests authority to renegotiate the agreement with the understanding that final approval of the negotiations rests with the Board of Trustees.

I concur.

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

STATUS OF PLANS FOR DEVELOPMENT OF TELEVISION PROGRAM

(5) President Stoddard reported informally on the status of plans for the development of the University's television program in terms of a reduced budget. He stated that if sufficient funds are appropriated by the General Assembly of Illinois for the biennium of 1953-1955 to maintain the operation of the University on the same basis as during the current biennium, including commitments already made, it would still be feasible to begin the operation of a television station. Such an operation would necessarily be on a limited scale but perhaps adequate to meet the requirements of the Federal Communications Commission for the issuance of a license to construct and operate an educational television station on Channel 12, and to meet the conditions of the Ford Foundation's offer of a grant of \$100,000 for this program.

On motion of Mrs. Watkins, the President of the University was authorized to do whatever is necessary, within prospective budgetary resources, to carry out plans for the development of such television facilities as are feasible, and including steps to secure the allocation of Channel 12 to the University.

President Livingston stated that he would reactivate the Special Committee of the Board of Trustees on Television and that he would make an appointment to the Committee as replacement for Mr. John R. Fornof.¹

BIENNIAL BUDGET FOR 1953-1955

(6) The Special Committee appointed by the Board of Trustees on March 25, 1953 (Minutes, page 597), to confer with the Governor and the officers and committees of the Sixty-eighth General Assembly of Illinois regarding the University's biennial budget made an informal report of a conference held with the Governor on March 30 and subsequent conferences with the Director of Finance.

Copies of a formal statement given by the Committee to the Governor and of the public announcement made by the President of the University on the following day were sent to all members of the Board of Trustees and copies have been filed with the Secretary of the Board for record.

¹ President Livingston subsequently appointed Mr. Cushman B. Bissell as a member of this Committee. (Secretary's note.)

OPEN SESSION

At this point the Board convened in open session to consider the following reports and recommendations from the President of the University.

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(7) The Committee on Accountancy recommends the appointment of Mr. George R. Catlett, C.P.A., a partner in the firm of Arthur Anderson and Company, 120 South LaSalle Street, Chicago, to the Board of Examiners in Accountancy for a period of three years beginning July 1, 1953, replacing Mr. C. R. Miller whose three-year term will expire June 30, 1953.

I concur.

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

APPOINTMENTS TO THE FACULTY

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

1. RHODES W. FAIRBRIDGE, Visiting Associate Professor of Geology, beginning September 1, 1953, at an annual salary of \$6,000 (D).

2. PAUL B. SZANTO, Clinical Assistant Professor of Pathology, College of Medicine, beginning April 1, 1953, without salary (DY).

Appointments to the Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to supervisory positions of upper level responsibility.

3. DAVID W. BONHAM, Senior Accountant, beginning March 16, 1953, at an annual salary of \$5,400.

4. GEORGE P. PORTER, Assistant Instrument and Efficiency Engineer, beginning March 2, 1953, at an annual salary of \$4,500.

5. DAVID T. WIANT, Placement Officer, Office of Nonacademic Personnel, Chicago Professional Colleges, beginning March 9, 1953, at an annual salary of \$3,420.

6. GORDON WILBERT, Senior Accountant, Chicago Professional Colleges, beginning March 2, 1953, at an annual salary of \$4,560.

On motion of Mrs. Watkins, these appointments were confirmed.

LEAVE OF ABSENCE FOR PROFESSOR ROBERT BIERSTEDT

(9) Professor Robert Bierstedt of the Department of Sociology and Anthropology, who was granted a sabbatical leave of absence for the academic year 1953-1954 on one-half pay, has requested that in lieu thereof he be given leave of absence for the year without pay so that he may accept a visiting assignment as Professor and Chairman of the Department of Sociology and Anthropology at the City College of New York. The President has approved this request and accordingly Professor Bierstedt's name has been deleted from the list of sabbatical leaves approved by the Board of Trustees at its meeting on March 25, 1953.

This report was received for record.

GRADUATION WITH HONORS IN AGRICULTURE

(10) The Faculty of the College of Agriculture and the University Senate recommend the following plan for awarding graduation honors in agriculture, effective January 1, 1954:

Honors awarded to superior students at graduation shall be designated, after the name and the degree on the diploma, as Honors and High Honors. For the degree with Honors, the students must have an average of 4.2 in all courses used for graduation; for the degree with High Honors, the student must have an average of 4.5 in all courses used for graduation.

I concur.

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

CHANGES IN CHEMICAL ENGINEERING CURRICULUM INCLUDING ENTRANCE REQUIREMENTS

(11) The Faculty of the College of Liberal Arts and Sciences and the University Senate recommend the following changes in the curriculum in chemical engineering, to become effective in September, 1953:

(a) Entrance Requirements. Three and one-half units of high school mathematics to be required as follows: algebra, two units; plane geometry, one unit; trigonometry, one-half unit. An additional one-half unit in solid geometry is to be recommended. (The present mathematics requirement is algebra, one and one-half units; geometry, one unit; however, three units of mathematics are recommended.)

Students who present only one unit in algebra and one unit in geometry, and who meet all other requirements, may be admitted on the condition that the deficiencies be removed during their first year of residence.

Students who do not present the three and one-half units in mathematics as specified may be admitted to full standing by passing a proficiency examination at the University which will indicate that their preparation is adequate for entrance into analytic geometry.

(b) The sequence Mathematics 122 (Analytic Geometry), 132 (Calculus, first course), 142 (Calculus, second course) will replace the sequence Mathematics 117 (Combined Freshman Mathematics), 127 (Combined Freshman Mathematics, continuation of Mathematics 117), 137 (Calculus), 147 (Calculus, continuation of Mathematics 137).

(c) The sequence Physics 106 (General Physics—Mechanics), 107 (General Physics—Electricity, Magnetism, Modern Physics), 108 (General Physics—Heat, Sound, Light, Modern Physics) will replace the sequence Physics 103 (General Physics—Mechanics, Heat, and Sound), 104 (General Physics—Electricity, Magnetism, Light, and Modern Physics).

(d) A student who has had neither French nor German in high school may substitute the second year of the language requirement for the required six hours of General Studies electives.

I concur.

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

CHANGE IN REQUIREMENTS FOR DEGREE OF DOCTOR OF PHILOSOPHY IN PHYSICAL EDUCATION

(12) The Faculty of the School of Physical Education and the University Senate recommend that for the degree of Doctor of Philosophy in Physical Education the general requirement shall be "a minimum of eight units of credit in physical education courses, or in related courses in health education and recreation," effective immediately.

I concur.

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

CHANGE IN REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN PHYSICAL EDUCATION

(13) The Faculty of the School of Physical Education and the University Senate recommend that the requirements for the degree of Bachelor of Science in Physical Education (Men) shall include eight hours of biological science, specifically either a combination of Division of General Studies 131 and 132 (Biological Science), or a combination of Botany 100 (General Botany) and Zoology 104 (Elementary Zoology). This change in the requirements will become effective September 1, 1953, and will be applicable to all students entering the curriculum after that date.

I concur.

On motion of Mrs. Holt, this recommendation was approved.

PROGRAM IN AIRCRAFT MAINTENANCE

(14) The University Senate recommends (a) a continuation of the two-year terminal curriculum in aircraft maintenance, and (b) that this action shall not

be considered as constituting a precedent for the establishment of similar programs.

I concur.

On motion of Mr. Johnston, these recommendations were approved.

APPROPRIATION FOR INJURIES TO EMPLOYEES

(15) Certain Workmen's Compensation claims of an unusually large size have resulted in extra demands on the Injuries to Employees Account, so that funds now appropriated will be insufficient to meet our liabilities under the Workmen's Compensation Act. It is, therefore, requested that an additional \$19,800 be appropriated to that account to meet the University's liabilities to the following named employees: Florence Dixon, James A. Johnson, James A. Voss, Frank Seiler, William Riggins, and James L. Ragle.

With this appropriation for these several claims, the present balance of the Injuries to Employees Account should be sufficient to meet the other expenditures required. It is anticipated that not all of these cases will be settled by the end of the current fiscal year, and it is therefore requested that any unexpended balance of this special appropriation be carried over to the next fiscal year.

I concur.

On motion of Mrs. Holt, this appropriation was made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mrs. Watkins; no, none; absent, Mr. Grange, Mr. Hickman, Mr. Megran, Mr. Nickell, Mr. Stratton.

APPROPRIATIONS BY THE ATHLETIC ASSOCIATION

(16) The Board of Directors of the Athletic Association has made the following assignments of funds which represent changes in its budget and are subject to approval by the Board of Trustees:

Expenses of spring training trip for varsity baseball squad—assignment from surplus funds.....	\$2 600
Purchase of pump for University golf course—assignment from reserve for contingencies.....	1 360
Purchase of gang mower with tractor—assignment from surplus funds..	1 368
Purchase of bleachers—assignment from surplus funds.....	6 872
I recommend confirmation of these actions.	

On motion of Mr. Herrick, these adjustments in the budget were approved.

INCREASE IN TUITION FEES

(17) The special committee appointed by the Board of Trustees on March 25, 1953, to confer with the Governor on the University's budget for 1953-1955 recommends that to provide a part of the income needed for the biennium the tuition fee be increased \$10 a semester and \$5 for the eight-week summer session, this increase to apply to all colleges and schools of the University and at all levels of instruction.

The revised fees at Urbana-Champaign and at the Chicago Undergraduate Division would then be \$50 a semester (\$100 an academic year) for residents and \$160 a semester (\$320 an academic year) for nonresidents. The eight-week summer session fee would be \$25 for residents and \$80 for nonresidents. Partial fees shall be adjusted on a pro rata basis by the President of the University on recommendation of the Committee on Fees and Scholarships.

In the Chicago Professional Colleges the academic year (September to June) is divided into three twelve-week terms instead of two semesters, with an optional term of twelve weeks offered during the summer months in the College of Medicine. The present tuition fees are \$27 each quarter (\$81 an academic year) for residents and \$100 each quarter (\$300 an academic year) for nonresidents. Hence, the increase applicable to the Chicago Professional Colleges would be \$7 a quarter. The revised fees would then be \$34 each quarter (\$102 an academic year) for residents and \$107 each quarter (\$321 an academic year) for nonresidents.

I concur and recommend that these changes become effective September 1, 1953.

On motion of Mr. Bissell, these changes were approved by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mrs. Watkins; no, none; absent, Mr. Grange, Mr. Hickman, Mr. Megran, Mr. Nickell, Mr. Stratton.

CONTRACTS FOR FIRE STATION IMPROVEMENTS AT URBANA-CHAMPAIGN

(18) The Director of the Physical Plant and the Comptroller recommend award of the following contracts for improvements in the Fire Station at Urbana-Champaign:

General work — E. N. DeAtley, Champaign.....\$23 235 00
The base bid is \$24,520. The University will take two alternates which provide deductions of \$425 for omission of asphalt tile floor surfacing and \$860 for omission of painting of masonry surfaces; total deduction, \$1,285.

Plumbing and heating work — Reliable Plumbing and Heating Co., Champaign 10 880 00
The above awards are to the lowest bidders.

Electrical work — Potter Electric Co., Urbana..... 7 238 25
It is proposed that this phase of the work be done under the University's standing cost-plus contract with the Potter Electric Company for remodeling work. The Physical Plant Department reports that it is not feasible to prepare specifications and secure competitive bids on the electrical work and complete the project by the end of the current fiscal biennium when the funds available for it will lapse.

Funds for this project are available in the state appropriation "For remodeling, modernization, and improvement of existing buildings at Urbana-Champaign, including water reclamation installations, plans and specifications and fixed equipment installed relating thereto," and have been released by the Governor.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the contracts with E. N. DeAtley and the Reliable Plumbing and Heating Company and the change in the contract with the Potter Electric Company for this remodeling work.

On motion of Mrs. Watkins, this recommendation was approved and the Comptroller and the Secretary of the Board were authorized to execute the contract.

CONTRACT FOR REMOVAL OF SMOKE STACK FOUNDATION IN MECHANICAL ENGINEERING LABORATORY

(19) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$5,250 to E. N. DeAtley, Champaign, the lowest bidder, for the removal of the foundation of the smoke stack in the Mechanical Engineering Laboratory, formerly the Engine Room of the old power plant. The old plant had two smoke stacks, one in the old Boiler House and the other in the Engine Room. The two stacks, other than the foundations, were removed several years ago. The removal of the foundation in the old Boiler House, now the Engineering Research Laboratory, is not necessary at this time, but the foundation in the former Engine Room, now the Mechanical Engineering Laboratory, takes up much needed floor space and should be removed.

Funds are available in an appropriation made by the Board of Trustees on January 21, 1953, for removal of the stack foundation and improvement of the vacated area.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Johnston, this recommendation was approved and the Comptroller and the Secretary of the Board were authorized to execute the contract.

**CONTRACT FOR MACHINE SHED AT DRUG PLANT
EXPERIMENT STATION**

(20) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$17,772 to Ford Brothers, Chicago, the lowest bidder, for the construction of a machine shed and equipment building at the Drug Plant Experiment Station at Lisle, Illinois. This Station at the Morton Arboretum is used jointly by the College of Pharmacy and the Department of Horticulture. It replaced the former Cook County Experiment Station near Des Plaines which was sold when residential and industrial growth in this area reduced its effectiveness for experimental work on vegetable crops.

The structure will house tractors, discs, a truck, and other farming equipment and will also be used as a repair shop.

The Board of Trustees has already made an assignment of funds for this construction.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Watkins, this recommendation was approved and the Comptroller and the Secretary of the Board were authorized to execute the contract.

**CONTRACT FOR REMOVAL AND REPLACEMENT OF MAIN BOILER
ROOM STACK AT THE CHICAGO UNDERGRADUATE DIVISION**

(21) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$3,000 to George E. Corbett Boiler and Tank, Inc., Chicago, the lowest bidder, for replacing the main boiler room steel stack at the Chicago Undergraduate Division at Navy Pier.

The stack has deteriorated to such extent that it is a serious hazard and its collapse would cause considerable damage to the property and would endanger students and staff in the second floor annex. Under the terms of the lease with the city of Chicago for the rental of Navy Pier, the University is responsible for this replacement.

Funds are available in the Physical Plant budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Johnston, this recommendation was approved and the Comptroller and the Secretary of the Board were authorized to execute the contract.

**CONTRACT FOR THE REPLACEMENT OF PIPING IN THE MEN'S
GYMNASIUM AT THE CHICAGO UNDERGRADUATE DIVISION**

(22) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$4,760 to the World Plumbing Company, Chicago, the lowest bidder, for the removal and replacement of cold water piping in the Drill Hall at Navy Pier, which is used as a men's gymnasium by the Chicago Undergraduate Division.

When the Drill Hall was constructed by the Navy twelve years ago black iron piping was used due to shortage of standard piping normally used in such installations. Rusting of the piping has caused leaks and this deterioration will increase. The contract provides for installation of galvanized iron piping. Under the terms of the lease with the city of Chicago for the rental of the Drill Hall, this replacement is the University's responsibility.

Funds are available in the Physical Plant budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Herrick, this recommendation was approved and the Comptroller and the Secretary of the Board were authorized to execute the contract.

**AGREEMENT WITH COMMONWEALTH EDISON COMPANY FOR
EXTENSION OF ELECTRIC SERVICES AT
CHICAGO PROFESSIONAL COLLEGES**

(23) The Director of the Physical Plant and the Comptroller recommend execution of an "excess facilities agreement" with the Commonwealth Edison Company for the supplying of electric service to the East Dentistry-Medicine-Pharmacy Building now under construction.

The Board of Trustees has approved an agreement with the Commonwealth Edison Company for the delivery of electric power at the Chicago Professional Colleges through central points and its sale under a plan known as "multiple service and combined billing." This results in a lower rate since it is based on the total demand. The delivery of electric power to the East Dentistry-Medicine-Pharmacy Building will require the Commonwealth Edison Company to furnish and install certain underground and vault equipment for which the University will make a lump sum payment of \$9,367 and pay a monthly transformer rental of \$278.25 to Commonwealth. However, the reduced billing under this arrangement will result in the recovery of the payment of \$9,367 by the University during the first three years. The reduced billing will continue thereafter.

Funds are available in the appropriation for the construction of the East Dentistry-Medicine-Pharmacy Building and in the operation and maintenance budget of the Physical Plant Department to provide for these payments.

I concur and recommend that the officers of the Board be authorized to execute the necessary documents.

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

CONTRACT FOR PURCHASE OF COAL FOR CHICAGO DEPARTMENTS

(24) Bids have been received on uniform specifications for the purchase of 16,000 tons of coal screenings to be delivered, as required from August 1, 1953, to June 30, 1954, to the Medical Center Steam Company operated by the University.

The Business Manager of the Chicago Departments, the Director of the Physical Plant, and the Comptroller recommend award of a contract to the Silver Creek Coal Company, Chicago, the lowest bidder, for 1½" screenings coal to be furnished from their mine at a cost of \$4.25 f.o.b. mine, freight \$.78, plus \$1.32 handling and delivery charges, or a total estimated cost of \$101,600. This price is based on the present wage scale and is subject to increase or decrease in the event that wage contracts now in effect are changed. Any such change will affect the price to the extent that production costs are increased or decreased by the new contracts. The University has the right of approval or rejection of any such increase in price.

The lowest bid is determined by the number of British Thermal Units for one cent based on guaranteed analyses. A continuous check at the power plant is provided to insure compliance with specifications.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the contract subject to approval by the Governor as required by the state constitution.

On motion of Mr. Johnston, this contract was awarded as recommended, and the Comptroller and the Secretary of the Board were authorized to execute the same.

**OIL AND GAS LEASE ON FORMER OLNEY AGRICULTURAL
EXPERIMENT FARM**

(25) The University formerly owned 96.31 acres of land in Richland County near Olney, Illinois. It was purchased in 1909 as an experimental fruit farm for the Department of Horticulture and was used continuously until 1951 when it was sold on recommendation of University authorities and with the approval of the Board of Trustees. In selling the land the University retained one-half

of the mineral rights. The Calvert Drilling Company, Inc., Olney, wishes to secure an oil and gas lease on this land. Raymond Hahn, the present owner, is agreeable to such a lease.

The area to be leased is approximately seventy-seven acres. A standard form of lease for a period of two years has been proposed with the provision that if drilling operations are not commenced on or offsetting (i.e., a well drilled directly opposite and within 330 feet of any line) said land within a year, and completed with due diligence with a depth sufficient to test the "McCloskey" formation, the lease shall be terminated. The University would receive one-sixteenth (or one-half of the usual one-eighth provision) of any oil or gas produced, plus a rental of \$1.00 an acre in the event the Company wishes to continue the lease in the second year in the absence of successful drilling. The Board of Trustees previously authorized the lease of this land, when it was owned by the University, to the Sun Oil Company but this lease has now expired.

The proposal submitted by the Calvert Drilling Company, Inc., has been checked by the Comptroller and the Legal Counsel who recommend its acceptance.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this lease.

On motion of Mr. Herrick, this was referred to the Executive Committee for further negotiation and with power to act.

PURCHASES

(26) 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 concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One 40' x 40' extension to be added to present 40' x 80' Quonset building at the Airport	Institute of Aviation	Harshbarger Building and Supply Co., Urbana	\$3 926 02 delivered and installed
One 1000 cubic foot steel pressure vessel 7' x 25'	Aeronautical Engineering	Leader Iron Works, Inc., Decatur	3 061 00 f.o.b. delivered
One Saltzman P-1414A vertical reflecting projector	Agronomy	J. G. Saltzman, Inc., New York, N.Y.	3 282 75 f.o.b. factory
One Saltzman P-1414A vertical reflecting projector	Civil Engineering	J. G. Saltzman, Inc., New York, N.Y.	2 924 50 f.o.b. factory
One metal table with jacks			
One 7 1/2" focal lens			
One strip chart speedomax indicating and recording assembly including a 21-point recording potentiometer, a 60-point switch unit, and rack-truck mounting	Mechanical Engineering	Leeds and Northrup Co., Chicago	2 929 00 f.o.b. delivered
One five-channel continuous direct writing electrocardiographic recorder	Chicago Professional Colleges	The Sanborn Co., Chicago	3 894 50
1,500,000 4 1/8 x 9 1/2 20 lb. white envelopes printed	Extension Service in Agriculture and Home Economics	Orgler Envelope Co., Inc., Brooklyn, N.Y.	3 105 00 f.o.b. Brooklyn, N.Y.
412 straight chairs, 412 study desks, 412 chests of drawers, 405 mirrors, and 412 single beds for student rooms in residence hall	Chicago Professional Colleges, Student Residence Hall	Gilbert A. Force, Chicago Universal Equipment Co., Batesville, Ind.	64 272 00 4 183 65
1,011 dozen pieces chinaware for Research and Educational Hospitals Addition dining rooms	Research and Educational Hospitals	E. A. Hinrichs and Co., Chicago	7 057 25 delivered
300 reams 25 x 38 70 lb. white enamel book paper to be used by the University Print Shop	Office Supply Storeroom	Decatur Paper House, Decatur	3 664 50 f.o.b. delivered
Two electrical distribution switchboards for Davenport Hall remodeling	Physical Plant	Westinghouse Electric Supply Corp., Danville	7 128 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One set of steel stairs for Davenport Hall	Physical Plant	Woodbridge Ornamental Iron Co., Chicago	\$ 2 825 00 f.o.b. delivered
43 new vehicles to replace automobiles in the present fleet: 12 business coupes 12 two-door sedans 17 four-door sedans 2 station wagons	College of Agriculture	Bill Burns Chevrolet, Inc., Decatur Ed Lahey Chevrolet Co., Watseka Dana Hudelson, Inc., Champaign Litsinger Motor Co., Chicago	11 390 00 5 065 44 4 867 18 505 03 (21 827 65)
107 Slimline fluorescent fixtures for Architecture Building	Physical Plant	Graybar Electric Company, Chicago	8 131 17 f.o.b. delivered

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

COMPTROLLER'S REPORT OF CONTRACTS

(27) The Comptroller's report of contracts executed during the period March 1 to 31, 1953.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Chicago Coin Meter Company	Laundry facilities, 809 and 829-33 S. Marshfield Avenue (apartment buildings)	Rates per contract	March 1, 1953
Illinois Power Company	Easement on Trelease Woods	\$ 100 00	February 19, 1953
Illinois Power Company	Application of electricity study	1 600 00	December 23, 1952
International Minerals and Chemical Corporation	Exchangeable magnesium study	2 000 00	February 12, 1953
Mallinckrodt Chemical Works	Anticonvulsants study	10 000 00	February 10, 1953
United States Air Force (Mechanical Engineering)	AF 18(600)-392	17 500 00	June 30, 1952
United States Air Force (Ceramic Engineering)	AF 33(616)-320	9 790 00	October 1, 1952
United States Army (Food Technology, station)	DA 11-009-QM-18520	15 000 00	May 12, 1952
United States Army (Bacteriology)	DA 11-009-QM-19755	8 808 00	June 16, 1952
United States Army (Physics)	DA 11-022-ORD-939	9 640 00	August 19, 1952
United States Army (Physics)	DA 11-022-ORD-992	23 855 00	August 19, 1952
United States Army (Theoretical and Applied Mechanics)	DA 11-022-ORD-995	20 000 00	August 19, 1952
United States Army (Physics)	DA 11-022-ORD-1001	19 000 00	August 19, 1952
United States Army (Mining and Metallurgical Engineering)	DA 11-022-ORD-1175	21 969 00	March 4, 1953
United States Army (Physics)	DA 11-022-ORD-1212	15 108 00	February 1, 1953
United States Army	Off-duty academic instruction	Rates per contract	July 1, 1952
United States Army (Physiology)	DA 44-109-QM-735	18 000 00	September 24, 1951
United States Army (Entomology)	DA 49-007-MD-306	3 050 00	June 15, 1952
United States Army (Entomology)	DA 49-007-MD-308	13 824 00	June 15, 1952
United States Army (College of Medicine)	DA 49-007-MD-421	39 273 00	April 1, 1953
United States Atomic Energy Commission (College of Medicine)	AT (11-1)-67 Project No. 11	13 467 00	February 23, 1953
United States Department of Agriculture (Agricultural Economics)	A-18-33707	8 400 00	September 29, 1952

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
United States Navy	Naval postgraduate school program	\$ 3 502 60	July 1, 1952
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Edmier, Inc.	Parking area between 816 and 834 S. Ashland	\$ 3 564 65	February 2, 1953
H. F. Huster Company	Stairtreads in Research and Educational Hospitals	1 094 00	January 30, 1953
Montgomery Elevator Company	Car gates on elevators in Research and Educational Hospitals	1 415 00	January 19, 1953
Nelson and Nettnin, Inc.	Protective lighting, staff apartments and student residence halls	650 00	March 10, 1953

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
International Harvester Company	Farming equipment for use by the De- partments of Agronomy and Dairy Science	\$ 376 74	February 5, 1953
The Oliver Corporation	Farming equipment for use by Depart- ment of Agronomy	161 59	October 1, 1952

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
American Gas Associa- tion	Air ducts study	\$11 000 00	February 3, 1953
Association of American Railroads	Roadbed stabilization study	6 000 00	January 12, 1953
Dawe's Laboratories, Inc.	Rations for broiler production study	1 500 00	February 25, 1953
Merck and Co., Inc.	Unknown factors in nutrition study	5 000 00	February 16, 1953
Moorman Manufactur- ing Company	Poultry nutrition study	1 500 00	February 27, 1953
Research Council of the Engineering Foun- dation and Association of American Railroads	Riveted and bolted structural joints study	6 000 00	March 24, 1953
United States Air Force (Electrical Engi- neering)	AF 19(604)-524	90 666 00	December 23, 1952
United States Air Force (Natural History Survey)	AF 33(038)-10897	1 500 00	November 17, 1952
United States Army (Theoretical and Applied Mechanics)	DA-11-022-ORD-401	23 890 00	February 24, 1953
United States Army (Mining and Metal- lurgical Engineering)	DA-11-022-ORD-535	9 727 00	March 6, 1953
United States Army (Electrical Engineer- ing)	DA-36-039 SC-205	12 468 00	January 20, 1953
United States Atomic Energy Commission (Mining and Metal- lurgical Engineering)	AT (11-1) 67 Project No. 9	21 100 00	January 19, 1953
United States Atomic Energy Commission (Chemical Engineer- ing)	AT (30-3)-28	18 000 00	December 29, 1952
United States Navy (College of Education)	N 6 ori-07135	28 168 01	September 14, 1952
VioBin Corporation	Wheat germ oil study	1 500 00	January 27, 1953

Adjustments Made in 1950-1951 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	Two minor items: \$54.83 and \$60.11	\$ 114 94	March, 1953
E. N. DeAtley (General work)	Harker Hall	24 14	March 3, 1953
E. C. Manthei (Engineering services)	Two minor items: \$242.58 deduct and \$590.00	347 42	February, 1953

Adjustments Made in 1951-1952 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	Three minor items: \$454.99 deduct to \$157.70	\$ 380 05 ¹	March, 1953
Reliable Plumbing and Heating Company	Harker Hall	55 39	March 3, 1953

Adjustments Made in 1952-1953 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Contracting Construction Co. (General work)	Three items: \$300.00 to \$2,996.34	\$6 051 59	March, 1953
Ervin G. Lindsey (Plastering)	Thirty-one minor items: \$75.57 deduct to \$120.00	773 69	March, 1953
Potter Electric Service	Two minor items: \$50.00 and \$567.18	617 18	March, 1953
Reliable Plumbing and Heating Company	Two minor items (deductions)	82 37 ¹	March, 1953

This report was received for record.

ANNUAL REPORT OF UNIVERSITY TREASURER

(28) The Treasurer of the University has submitted a report of the operations of his office for the period March 1, 1952, to February 28, 1953, certified by the Comptroller. A copy of this report is filed with the Secretary of the Board.

This report was received for record.

APPOINTMENTS TO THE 1953 SUMMER SESSION STAFF

(29) I submit recommendations for appointments to the faculty for the 1953 summer session. The appointments and the budget provide for an eight-week session at Urbana-Champaign and at the Chicago Undergraduate Division.

Salaries of members of the faculty recommended for appointments to the summer session staff are computed on the basis of two-ninths of the salary of the academic year for two months of summer service in accordance with the terms of employment of the academic staff as authorized by the Board of Trustees.

The budget totals \$464,000 for Urbana-Champaign, including a reserve of \$13,983 to be assigned on recommendation of the Dean of the Summer Session in terms of enrollment demands, and \$87,000 for Chicago, including a reserve of \$14,800 to be assigned on recommendation of the Dean of the Undergraduate Division.

The proposed 1953 summer session budget is \$52,500 less than the 1952 budget. This is due to a slightly smaller estimated enrollment and the elimination of sections with small registrations.

I recommend that the appointments to the summer session staff and the reserve for unassigned salaries be approved as submitted and that the President of the University be authorized to accept resignations and to make such changes, adjustments, and additional appointments as are necessary, in accordance with the needs of the University and within estimated income.

On motion of Mr. Johnston, these recommendations and appointments as listed below were approved.

URBANA-CHAMPAIGN**Agricultural Economics**

	<i>Part-time</i>	<i>Salary</i>
1. H. W. Hannah, Professor (June 22 to July 18).....		\$ 856
2. W. W. Bauder, Professor.....	½	720
3. T. A. Hieronymus, Assistant Professor.....	¼	287
4. H. E. Erdman, Visiting Lecturer.....		1 500
		(\$3 363)

Agricultural Engineering

1. R. I. Shawl, Professor of Farm Machinery (June 19 to July 18) ..		\$ 811
2. B. A. Jones, Instructor.....	½	467
		(\$1 278)

¹ Deduct.

Art		Part- time	Salary
1. F. J. Roos, Jr., Professor	.....		\$1 674
2. H. A. Schultz, Professor	.....	½	734
(See Education)	.....		(734)
(Total Salary)	.....		(1 468)
3. M. B. Martin, Associate Professor	.....		1 223
4. Nicholas Britsky, Associate Professor	.....		1 189
5. Nicola Ziroli, Assistant Professor	.....		1 123
6. L. R. Chesney, Jr., Assistant Professor	.....		1 027
7. M. A. Sprague, Assistant Professor	.....		956
8. R. A. Ginstrom, Instructor	.....		734
			(\$8 660)
Astronomy			
1. R. G. Langebartel, Assistant Professor	.....		\$1 067
			(\$1 067)
Bacteriology			
1. Sol Spiegelman, Professor	.....		\$1 823
2. G. I. Wallace, Professor	.....		1 667
3. D. O. Hitzman, Assistant	.....	½	267
4. N. L. Lawrence, Assistant	.....	½	287
5. H. L. Sadoff, Assistant	.....	½	267
			(\$4 311)
Bands			
1. ———, Assistant Professor	.....	½	\$ 612
			(\$ 612)
Botany			
1. Oswald Tippo, Professor and Chairman of Department	.....		\$2 045
2. J. R. Laughnan, Associate Professor	.....		1 369
3. E. H. Coe, Assistant	.....	½	287
4. W. A. Brun, Assistant	.....	½	287
			(\$3 988)
Business Organization and Operation			
1. C. A. Moyer, Professor of Accountancy	.....		\$1 845
2. H. H. Baily, Professor of Accountancy	.....	½	889
3. C. J. Gaa, Professor of Accountancy	.....	½	856
4. A. G. Anderson, Professor of Management	.....		1 723
5. Robert Dubin, Professor of Management	.....	½	778
(See Sociology and Anthropology)	.....		(778)
(Total Salary)	.....		(1 556)
6. H. W. Huegy, Professor of Marketing	.....		1 845
7. F. H. Beach, Professor of Marketing	.....		1 712
8. R. K. Mautz, Associate Professor of Accountancy	.....		1 556
9. P. C. Roberts, Associate Professor of Business Law	.....		1 423
10. H. G. Wales, Associate Professor of Marketing	.....		1 556
11. A. C. Condon, Associate Professor of Secretarial Training	.....	½	778
(See Education)	.....		(778)
(Total Salary)	.....		(1 556)
12. J. M. Carrithers, Assistant Professor of Accountancy	.....		1 334
13. W. E. Thomas, Jr., Assistant Professor of Accountancy	.....	½	645
14. W. O. Morris, Assistant Professor of Business Law	.....		956
15. Elizabeth R. Melson, Assistant Professor of Secretarial Training	.....		1 112
16. A. R. Wyatt, Instructor in Accountancy	.....	½	400
17. Clinton Spivey, Instructor in Management	.....	½	434
18. H. L. Crouse, Instructor in Management	.....	½	489
19. D. A. Henning, Instructor in Management	.....	½	456
20. R. S. Hancock, Instructor in Marketing	.....	½	445
21. Mary M. Ashby, Instructor in Secretarial Training	.....		800
22. R. E. Schlosser, Assistant in Accountancy	.....	½	312
23. L. M. DeBoer, Assistant in Marketing	.....	½	367
24. E. W. Ludwig, Assistant in Secretarial Training	.....	½	323
			(\$23 034)

Chemistry and Chemical Engineering

	<i>Part-time</i>	<i>Salary</i>
1. G. F. Smith, Professor		\$1 676
2. C. S. Vestling, Associate Professor	I	489
3. Milton Tamres, Assistant Professor	I	134
4. L. M. Henderson, Assistant Professor	I	423
5. J. W. Westwater, Assistant Professor	I	156
6. B. R. Ray, Assistant Professor	I	423
7. E. J. Corey, Instructor	I	023
8. E. C. Taylor, Jr., Instructor	I	000
9. E. P. Bertin, Instructor		934
10. ———, Instructor	$\frac{1}{2}$	417
11. L. F. Dempsey, Assistant	$\frac{1}{2}$	360
12. C. T. Elston, Assistant	$\frac{1}{2}$	334
13. H. J. Burke, Assistant	$\frac{1}{4}$	134
14. E. D. Hess, Assistant	$\frac{1}{4}$	134
15. R. J. Lokken, Assistant	$\frac{1}{4}$	167
16. T. R. Moore, Assistant	$\frac{1}{4}$	167
17. ———, Assistant	$\frac{1}{2}$	334
18. T. M. Veazey, Assistant	$\frac{1}{2}$	267
19. P. R. Jones, Assistant	$\frac{1}{2}$	267
20. J. E. Nowrey, Assistant	$\frac{1}{2}$	267
21. E. R. Fett, Assistant	$\frac{1}{2}$	334
22. H. C. Terford, Assistant	$\frac{1}{2}$	334
23. Mary Lou Killey, Assistant	$\frac{3}{8}$	250
24. E. D. Slifer, Assistant	$\frac{3}{8}$	200
25. L. I. Krimen, Assistant	$\frac{1}{3}$	223
26. ———, Assistant	$\frac{1}{3}$	178
27. ———, Assistant	$\frac{1}{3}$	178
28. Stanley Kirschner, Assistant	$\frac{1}{3}$	178
29. Toshio Tsuzuki, Assistant	$\frac{1}{4}$	134
30. Henry Holtzclaw, Visiting Lecturer	I	200
31. Jacob Kleinberg, Visiting Lecturer	$\frac{1}{2}$	750
32. ———, Visiting Lecturer	I	200
33. G. S. Hammond, Visiting Lecturer	I	556
34. L. C. Behr, Visiting Lecturer	I	100

(\$21 921)

Civil Engineering

1. T. C. Shedd, Professor of Structural Engineering	\$2	523
2. Jamison Vawter, Professor	2	112
3. G. H. Dell, Professor	I	400
4. N. M. Newmark, Research Professor	$\frac{1}{2}$	1 317
5. R. B. Peck, Research Professor	$\frac{1}{2}$	I 016
6. W. A. Oliver, Professor	I	734
7. E. E. Bauer, Associate Professor	$\frac{1}{2}$	667
8. ———, Assistant Professor	$\frac{1}{2}$	600

(\$11 369)

Civil Engineering Summer Camp

1. L. D. Walker, Professor (June 15 to July 3; July 13 to August 14)	\$1	534
2. M. O. Schmidt, Associate Professor and Camp Director (June 15 to August 24)	I	806
3. ———, Assistant Professor (June 15 to July 3; July 13 to August 14)	I	000
4. J. C. Chaderton, Assistant Professor (June 15 to July 3; July 13 to August 14)	I	200
5. C. S. Danner, Assistant Professor (June 15 to July 3; July 13 to August 14)	I	067
6. ———, Assistant Professor (June 15 to July 3; July 13 to August 14)	I	000
7. ———, Assistant Professor (June 15 to July 3; July 13 to August 14)	I	000
8. ———, Camp Doctor (July 13 to August 14)		250
9. ———, Visiting Lecturer (July 13 to August 14)		750

(\$9 607)

		Part-	Salary
Classics		time	
1. J. L. Heller, Professor and Head of Department.....	½	\$1	023
2. R. P. Oliver, Associate Professor.....	½		678
(See Spanish and Italian).....			(678)
(Total Salary).....		(1	356)
3. F. D. Lazenby, Assistant Professor.....		1	000
		(\$2	701)
Division of General Studies			
1. W. E. Morrell, Associate Professor.....		\$1	323
2. H. L. Andrews, Associate Professor.....		1	306
3. ———, Assistant.....	⅓		192
4. ———, Assistant.....	⅓		192
		(\$3	013)
Economics			
1. P. M. Van Arsdell, Professor (June 19 through June 30).....	½	\$	143
2. J. F. Bell, Professor.....		1	867
3. P. H. Brown, Professor.....		1	867
4. J. F. Due, Professor.....		1	667
5. J. B. Parrish, Associate Professor.....		1	534
6. R. C. Osborn, Associate Professor.....		1	512
7. W. C. Robb, Associate Professor.....		1	467
8. Janet L. Weston, Assistant Professor.....		1	178
9. J. A. Cochran, Assistant Professor.....		1	112
10. Mrs. Gloria van Hoesen Miller, Assistant.....	½		334
11. M. O. Newman, Assistant.....	½		312
12. T. A. Yancey, Assistant.....	½		312
13. W. Woodruff, Visiting Lecturer.....		1	556
		(\$14	861)
Education			
1. A. W. Anderson, Professor.....		\$1	554
2. T. E. Benner, Professor.....		2	152
3. G. M. Blair, Professor.....		1	556
4. R. W. Burnett, Professor.....		1	760
5. A. W. Clevenger, Professor.....		1	734
6. J. J. DeBoer, Professor.....		1	718
7. H. C. Hand, Professor.....		2	032
8. K. B. Henderson, Professor.....		1	534
9. W. V. Kaulfers, Professor.....		1	636
10. P. V. Miller, Professor.....		1	778
11. C. W. Odell, Professor.....		1	434
12. E. H. Reeder, Professor.....		1	849
13. H. A. Schultz, Professor of Art Education.....	½		734
(See Art).....			(734)
(Total Salary).....		(1	468)
14. J. H. Shores, Professor.....		1	509
15. R. H. Simpson, Professor.....		1	549
16. B. O. Smith, Professor.....		2	032
17. Letitia Walsh, Professor.....		1	578
18. A. C. Condon, Associate Professor.....	½		778
(See Business Organization and Operation).....			(778)
(Total Salary).....		(1	556)
19. M. K. Humble, Associate Professor.....		1	363
20. M. R. Karnes, Associate Professor.....		1	325
21. C. G. Knapp, Associate Professor.....		1	243
22. Liesette McHarry, Associate Professor.....		1	292
23. T. E. Newland, Associate Professor.....		1	445
24. G. W. Reagan, Associate Professor.....		1	214
25. W. O. Stanley, Associate Professor.....		1	320
26. H. S. Zim, Associate Professor.....		1	467
27. F. P. Barnes, Assistant Professor.....		1	369
28. R. N. Evans, Assistant Professor.....	½		606

	<i>Part-time</i>	<i>Salary</i>
29. N. E. Gronlund, Assistant Professor		I 000
30. C. R. Hill, Assistant Professor		I 076
31. R. S. Jones, Assistant Professor		I 038
32. Foster McMurray, Assistant Professor		I 112
33. L. E. Metcalf, Assistant Professor		I 052
34. G. R. Bradshaw, Assistant Professor of Art		I 000
35. F. C. Proff, Assistant Professor		I 000
36. G. W. Sowards, Assistant Professor		I 000
37. Kathryn M. Weesner, Assistant Professor of Home Economics . . .	½	445
38. Max Beberman, Instructor		994
39. G. E. Keem, Instructor	½	445
40. O. P. Kolstoe, Instructor		I 067
41. Irving Lazar, Instructor		I 038
42. M. C. Oelke, Instructor		823
43. H. C. Rudman, Instructor	½	478
44. B. J. Young, Instructor	½	445
45. O. E. Pittenger, Assistant	½	294
46. Lowell Burkett, Visiting Lecturer (June 22 to July 18)		700
47. Robert Callis, Visiting Lecturer		I 500
48. Michael Chiappetta, Visiting Lecturer		I 500
49. W. E. Drake, Visiting Lecturer		I 500
50. Sing-nan Fen, Visiting Lecturer		I 500
51. J. J. Gallagher, Visiting Lecturer		I 350
52. Charlotte Junge, Visiting Lecturer		I 200
53. Louis Long, Visiting Lecturer		I 500
54. W. H. Martin, Visiting Lecturer	¼	350
55. Edna D. Meshke, Visiting Lecturer	½	700
56. Mary Russell, Visiting Lecturer (July 20 to August 15)	¾	I 050
57. Forest Shoemaker, Visiting Lecturer		I 500
58. R. E. Smith, Visiting Lecturer (July 20 to August 15)		900
59. Donald Snygg, Visiting Lecturer		I 600
60. W. H. Stegeman, Visiting Lecturer		I 500
61. S. M. Stoke, Visiting Lecturer		I 600
62. F. C. Neff, Visiting Lecturer		I 400
63. H. S. Broudy, Visiting Lecturer		I 578
		(\$78 796)

Electrical Engineering

1. G. H. Fett, Professor		\$I 689
2. C. A. Keener, Professor	¾	I 317
3. M. S. Helm, Professor		I 445
4. L. B. Archer, Associate Professor	½	656
5. D. S. Babb, Associate Professor	½	600
6. P. R. Egbert, Associate Professor		I 200
7. W. L. Emery, Associate Professor		I 400
8. T. A. Murrell, Associate Professor	½	623
9. P. F. Schwarzlose, Associate Professor	½	645
10. C. E. Skroder, Associate Professor		I 423
11. J. E. Williams, Associate Professor		I 423
12. J. A. Barkson, Assistant Professor	½	574
13. M. H. Crothers, Assistant Professor	¾	825
14. D. F. Hang, Assistant Professor		I 074
15. P. K. Hudson, Assistant Professor	½	556
16. C. V. Jakowatz, Assistant Professor	¾	784
17. L. O. Brown, Jr., Instructor	¾	667
18. P. E. Mast, Instructor		778
		(\$17 679)

English

1. R. M. Smith, Professor		\$I 689
2. C. W. Roberts, Professor		I 645

	Part- time	Salary
3. R. B. Weirick, Associate Professor.....		I 345
4. Mrs. Leah F. Trelease, Associate Professor.....		I 423
5. C. H. Shattuck, Associate Professor.....	1/4	712
(See Speech, University and Summer Youth Theater Program)		(712)
(Total Salary).....		(I 424)
6. R. W. Rogers, Associate Professor.....		I 334
7. G. B. Evans, Associate Professor.....		I 267
8. E. H. Davidson, Associate Professor.....	1/2	756
9. G. B. Stillwell, Assistant Professor.....	1/2	534
10. E. G. Mathews, Assistant Professor.....	I	289
11. G. P. Haskell, Assistant Professor.....	5/6	987
12. Margaret French, Assistant Professor.....	5/6	830
13. F. G. Townsend, Assistant Professor.....	1/2	478
14. J. J. Campbell, Assistant Professor.....	1/2	478
15. Sherman Paul, Assistant Professor.....	1/2	589
16. Cornelia P. Kelley, Assistant Professor.....	2/3	652
17. F. W. Weeks, Assistant Professor of Business English.....	I	134
18. Arthur Sherbo, Instructor.....	1/2	478
19. N. P. Davis, Instructor in Business English.....	1/2	395
20. Bruce Harkness, Instructor.....	1/2	456
21. J. A. Hamilton, Instructor.....	1/2	256
22. Margaret Bloom, Instructor.....	1/3	282
23. W. E. Buckler, Instructor.....	1/3	282
24. Mrs. Helen B. Brennan, Instructor.....		956
25. Verna D. Wittrock, Assistant.....		620
26. J. D. Bailey, Assistant.....	1/3	215
27. Mrs. Audrey G. Vilaro, Assistant.....	1/2	372
28. M. A. Crane, Assistant.....	1/2	287
29. G. E. Jones, Assistant.....	1/2	312
30. H. K. Crockett, Assistant.....	1/2	305
31. J. E. Robinson, Assistant.....	1/2	287
32. R. W. Barzak, Assistant.....	1/2	300
33. S. L. Gross, Assistant.....	1/2	287
34. R. E. Freeman, Assistant.....	1/2	287
35. _____, Assistant.....	1/2	325
36. V. E. Harder, Assistant in Business English.....	1/2	370
37. F. E. Mineka, Visiting Lecturer.....	I	834
		(\$26 048)

Entomology

1. W. R. Horsfall, Associate Professor.....		\$I 289
2. Clifford Wester, Assistant.....	1/2	267
		(\$I 556)

French

1. C. A. Knudson, Professor.....		\$I 956
2. P. E. Jacob, Associate Professor.....	I	356
3. Mrs. Frances F. Sobotka, Assistant Professor of Russian.....	1/2	512
4. F. W. Nachtmann, Instructor.....	1/2	476
5. B. H. Mainous, Instructor.....	1/2	450
6. T. E. Comfort, Assistant.....	1/2	312
		(\$5 062)

General Engineering

1. A. G. Friederich, Instructor.....		\$ 912
		(\$ 912)

Geography

1. J. L. Page, Professor.....		\$I 434
2. F. W. Foster, Associate Professor.....	I	400
3. R. L. Carmin, Assistant Professor.....	I	196

	<i>Part-time</i>	<i>Salary</i>
4. J. D. Fellmann, Assistant Professor.....	I	112
5. H. G. Roepke, Instructor.....		889
6. _____, Assistant.....	$\frac{1}{2}$	267
7. _____, Assistant.....	$\frac{1}{2}$	267
		(\$6 565)

Geology

1. W. M. Merrill, Assistant Professor.....		\$1 000
2. J. H. Fisher, Instructor.....		889
3. R. M. Winiarski, Assistant.....	$\frac{1}{2}$	267
4. R. H. Shaver, Visiting Lecturer.....	I	000
		(\$3 156)

German

1. Helmut Rehder, Professor and Head of Department.....		\$2 289
2. E. A. Philippson, Professor.....	I	578
3. J. T. Geissendoerfer, Professor.....	$\frac{3}{4}$	I 052
4. R. R. Brewster, Instructor.....	$\frac{1}{2}$	423
5. _____, Assistant.....	$\frac{1}{2}$	285
6. _____, Assistant.....	$\frac{1}{2}$	285
7. _____, Assistant.....	$\frac{1}{2}$	267
		(\$6 179)

History

1. R. P. Stearns, Professor.....		\$1 778
2. F. S. Rodkey, Professor.....	I	623
3. C. G. Starr, Jr., Associate Professor.....	I	460
4. R. N. Current, Associate Professor.....	I	423
5. J. B. Sirich, Assistant Professor.....	$\frac{3}{4}$	928
6. N. F. Norman, Assistant Professor.....	$\frac{3}{4}$	800
7. R. M. Sutton, Assistant Professor.....	I	023
8. W. M. Bouwsma, Assistant Professor.....	I	000
9. _____, Assistant.....	$\frac{1}{2}$	335
10. _____, Assistant.....	$\frac{1}{2}$	335
		(\$10 705)

Home Economics

1. Pearl Z. Janssen, Associate Professor (June 19 to July 18).....		\$ 673
2. E. Evelyn Smith, Associate Professor (June 19 to July 18).....		650
3. Mary E. Fuqua, Assistant Professor.....		912
4. Ritta Whitesel, Assistant Professor (July 20 to August 15).....		506
5. Mary S. Pickett, Instructor (July 20 to August 15).....		400
6. Jean Vertovec, Assistant (June 19 to July 18).....		356
7. J. H. Britton, Visiting Lecturer.....	I	200
		(\$4 697)

Journalism and Communications

1. L. W. Murphy, Professor.....	$\frac{1}{2}$	\$ 834
2. J. T. Trebilcock, Assistant Professor.....	$\frac{1}{2}$	636
3. T. B. Peterson, Instructor.....	$\frac{1}{2}$	556
4. H. E. Hill, Instructor.....	$\frac{1}{4}$	252
		(\$2 278)

Law

1. W. L. Summers, Professor.....	$\frac{1}{2}$	\$1 434
2. R. N. Sullivan, Professor.....	$\frac{3}{4}$	2 150
3. G. B. Weisiger, Professor.....	$\frac{3}{4}$	I 567
4. J. N. Young, Associate Professor.....	$\frac{3}{4}$	I 317
5. J. E. Cribbet, Associate Professor.....	$\frac{3}{4}$	I 317
6. C. H. Bowman, Assistant Professor.....	$\frac{3}{4}$	I 234
7. R. J. Faletti, Assistant Professor.....	$\frac{3}{4}$	I 084
8. R. J. Lynn, Visiting Lecturer.....	$\frac{3}{4}$	I 200
		(\$11 303)

Library Science

	Part-time	Salary
1. Rose B. Phelps, Associate Professor.....	$\frac{1}{2}$	\$ 689
2. C. W. Stone, Associate Professor.....	I	223
3. Viola L. James, Instructor.....	I	000
4. _____, Assistant.....		700
5. Lura E. Crawford, Visiting Lecturer.....	I	000
6. P. S. Dunkin, Visiting Lecturer.....	I	200
7. Mary A. Gillham, Visiting Lecturer.....		900
8. W. S. Hoole, Visiting Lecturer.....	I	500
9. W. H. Jesse, Visiting Lecturer.....	I	500
10. J. H. Moriarty, Visiting Lecturer.....	I	500
11. Rachel C. Wilkes, Visiting Lecturer.....		700
		(\$11 912)

Mathematics

1. M. M. Day, Professor.....		\$1 667
2. J. W. Peters, Associate Professor.....	I	267
3. L. L. Steimley, Associate Professor.....	I	156
4. Beulah M. Armstrong, Assistant Professor.....	I	112
5. Josephine H. Chanler, Assistant Professor.....	I	112
6. Irving Reiner, Assistant Professor.....	I	112
7. O. K. Bower, Assistant Professor.....	I	034
8. Clarence Phillips, Instructor.....		889
9. J. H. Abbott, Assistant.....		578
10. Arno Cronheim, Assistant.....		623
11. L. R. Ford, Jr., Assistant.....		623
12. Aubyn Freed, Assistant.....	$\frac{1}{3}$	193
13. E. J. Schweppe, Assistant.....	$\frac{1}{2}$	289
14. Ti Yen, Assistant.....		623
		(\$12 278)

Mechanical Engineering

1. K. J. Trigger, Professor.....	$\frac{2}{3}$	\$1 186
2. D. H. Krans, Professor.....	I	467
3. W. L. Hull, Professor.....	$\frac{1}{2}$	734
4. H. H. Korst, Professor.....	$\frac{1}{2}$	778
5. Francis Seyfarth, Associate Professor.....	I	312
6. L. M. Zubko, Associate Professor.....	$\frac{1}{2}$	612
7. J. R. Carroll, Jr., Assistant Professor.....	$\frac{2}{3}$	652
		(\$6 741)

Music

1. B. R. Foote, Professor.....		\$1 712
2. M. H. Hindsley, Professor.....	$\frac{1}{3}$	598
3. Charles Leonhard, Associate Professor.....	I	667
4. B. M. Goodman, Associate Professor, Artist in Residence.....	I	512
5. H. C. C. Schmitt, Associate Professor, Artist in Residence.....	I	345
6. R. H. Swenson, Associate Professor.....	I	345
7. G. R. Waller, Associate Professor.....	I	445
8. W. L. Roosa, Associate Professor.....	$\frac{1}{2}$	606
9. P. S. Pettinga, Associate Professor.....	$\frac{1}{2}$	662
(See Student Counseling Bureau).....		(661)
(Total Salary).....		(I 323)
10. Jane C. Watt, Associate Professor.....	I	334
11. H. O. Sexton, Associate Professor.....	I	223
12. A. M. Carter, Assistant Professor.....	$\frac{1}{4}$	272
13. Norman Cazden, Assistant Professor.....	I	300
14. J. C. Garvey, Assistant Professor, Artist in Residence.....	I	156
15. A. J. McDowell, Assistant Professor.....	I	112
16. Beth Bradley, Assistant Professor.....	I	005
17. G. W. Binkerd, Assistant Professor.....	I	078
18. A. W. Humphreys, Instructor.....	$\frac{1}{2}$	445
19. Webster Aitken, Visiting Lecturer.....	I	850

	<i>Part-time</i>	<i>Salary</i>
20. Esther Duncan, Visiting Lecturer (June 19 to August 1).....	I	100
21. Gladys Tipton, Visiting Lecturer (July 21 to August 14).....	I	000
22. F. C. Ebbs, Visiting Lecturer.....	I	350
23. Noah Knepper, Visiting Lecturer.....	I	200
24. Maria Malpi, Visiting Lecturer, Aritist in Residence.....	I	500
25. H. D. Rutan, Visiting Lecturer.....	$\frac{1}{4}$	500
		(\$28 317)

Nursery School

1. Theresa J. Peterson, Instructor.....	$\frac{3}{5}$	\$ 774
2. Miriam Sperber, Instructor.....	$\frac{1}{5}$	640
3. Reva E. Campbell, Instructor.....	$\frac{1}{5}$	640
4. Constance Fraser, Instructor.....	$\frac{1}{5}$	605
5. _____, Instructor.....	$\frac{1}{5}$	587
6. Marjorie Sauer, Assistant Teacher.....	$\frac{1}{5}$	534
7. _____, Assistant Teacher.....	$\frac{1}{5}$	534
8. Caroline Strong, Assistant Teacher.....	$\frac{1}{5}$	534
9. Patricia A. Robinson, Assistant Teacher.....	$\frac{1}{5}$	534
		(\$5 382)

Philosophy

1. D. W. Gotshalk, Professor.....		\$2 156
2. B. J. Diggs, Associate Professor.....	I	256
3. H. M. Tiebout, Jr., Assistant Professor.....	I	012
4. Leonard Linsky, Instructor.....		908
		(\$5 332)

Physical Education for Men

1. D. R. Mills, Professor.....	$\frac{1}{8}$	\$ 445
2. C. K. Brightbill, Professor.....	2	223
3. T. K. Cureton, Professor.....	2	089
4. H. S. Hoyman, Professor of Health Education.....	2	067
5. Raymond Eliot, Associate Professor.....	$\frac{1}{4}$	445
6. A. E. Florio, Associate Professor.....	I	423
7. R. H. Johnson, Associate Professor.....	$\frac{3}{4}$	949
8. R. E. Shelton, Assistant Professor.....	$\frac{1}{3}$	415
(See Speech, Summer Residential Clinic).....		(208)
(Total Salary).....		(623)
9. H. A. Combes, Assistant Professor.....	$\frac{1}{4}$	267
10. W. D. Van Huss, Assistant Professor.....	I	067
11. A. H. Seidler, Instructor.....	$\frac{1}{4}$	250
12. T. J. Nugent, Instructor.....	$\frac{3}{4}$	734
13. R. A. Tacy, Assistant.....	$\frac{1}{4}$	134
14. A. J. Barry, Assistant.....	$\frac{1}{4}$	156
15. E. B. Martin, Assistant.....	$\frac{1}{4}$	134
		(\$12 798)

Physical Education for Women

1. Carita Robertson, Associate Professor.....	$\frac{1}{2}$	\$ 645
2. Mrs. Doris L. Bullock, Instructor.....	$\frac{1}{2}$	473
3. Beulah Drom, Instructor.....	$\frac{1}{3}$	304
4. Mrs. Lorraine Nielsen, Assistant.....	$\frac{1}{5}$	552
5. Mrs. Lillian Haverland, Assistant.....	$\frac{1}{3}$	245
		(\$2 219)

Physics

1. Frederick Seitz, Professor (June 22 to July 18).....	$\frac{1}{5}$	\$ 283
2. John Bardeen, Professor (June 22 to July 18).....	$\frac{1}{2}$	584
3. R. J. Maurer, Professor (June 22 to July 18).....	$\frac{1}{2}$	484
4. R. F. Paton, Associate Professor.....	I	489
5. R. D. Rawcliffe, Assistant Professor.....	I	489
6. Giulio Ascoli, Instructor.....	I	067

	Part-time	Salary
7. E. B. McNeil, Instructor.....		934
8. —————, Assistant.....	$\frac{1}{2}$	300
9. —————, Assistant.....	$\frac{1}{3}$	200
10. —————, Assistant.....	$\frac{1}{3}$	200
11. —————, Assistant.....	$\frac{1}{3}$	200
12. —————, Assistant.....	$\frac{1}{3}$	200
13. —————, Assistant.....	$\frac{1}{2}$	300
		(\$7 730)

Physiology

1. A. B. Taylor, Associate Professor.....		\$1 274
2. I. E. Danhof, Instructor.....		880
3. W. H. Johnson, Instructor.....		956
4. Donald Beyer, Assistant.....		674
5. —————, Assistant.....	$\frac{1}{2}$	287
		(\$4 071)

Political Science

1. C. M. Kneier, Professor and Chairman of Department.....		\$2 400
2. C. F. Snider, Professor.....		1 589
3. N. F. Garvey, Assistant Professor.....	$\frac{1}{4}$	245
4. J. A. Jarvis, Assistant.....	$\frac{1}{2}$	312
5. W. E. Sandelius, Visiting Lecturer.....		1 600
		(\$6 146)

Psychology

1. J. M. Hunt, Professor.....		\$2 223
2. G. R. Grice, Associate Professor.....	$\frac{1}{2}$	667
3. J. B. Cohen, Associate Professor.....	$\frac{1}{2}$	623
4. W. G. McAllister, Associate Professor.....		1 289
5. P. V. Marchetti, Assistant Professor.....	$\frac{1}{2}$	545
6. R. Elizabeth Brown, Assistant Professor.....	$\frac{1}{2}$	600
7. D. R. Peterson, Instructor.....		1 000
8. J. T. Greene, Assistant.....	$\frac{1}{2}$	300
		(\$7 247)

Social Work

1. —————, Associate Professor.....		\$1 614
2. —————, Assistant Professor.....		1 195
		(\$2 809)

Sociology and Anthropology

1. D. R. Taft, Professor.....		\$1 712
2. Robert Dubin, Professor.....	$\frac{1}{2}$	778
(See Business Organization and Operation).....		(778)
(Total Salary).....		(1 556)
3. J. C. McGregor, Professor.....		1 556
4. B. F. Timmons, Associate Professor.....		1 489
5. Robert Bierstedt, Associate Professor.....		1 312
6. E. A. Ahrens, Assistant Professor.....		1 223
7. William Beeson, Assistant Field Director.....		300
		(\$8 370)

Spanish and Italian

1. John Van Horne, Professor and Head of Department.....		\$2 156
2. H. R. Kahane, Professor.....	$\frac{1}{2}$	812
3. R. P. Oliver, Associate Professor.....	$\frac{1}{2}$	678
(See Classics).....		(678)
(Total Salary).....		(1 356)
4. F. P. Ellison, Instructor.....		889
5. H. P. Reeves, Instructor.....	$\frac{1}{2}$	445
6. S. L. Murphy, Jr., Instructor.....	$\frac{1}{2}$	434
7. —————, Instructor.....	$\frac{1}{2}$	434

	<i>Part- time</i>	<i>Salary</i>
8. Mrs. Verna Townsend, Assistant.....	$\frac{3}{4}$	467
9. Alfred Triolo, Assistant.....	$\frac{1}{2}$	289
10. _____, Assistant.....	$\frac{1}{2}$	289
		(\$6 893)

Speech

1. B. W. Hewitt, Professor.....		\$1 712
2. W. M. Parrish, Professor.....	$\frac{1}{2}$	756
3. Severina E. Nelson, Professor.....	$\frac{3}{4}$	I 975
(See University Speech Clinic).....		(359)
(Total Salary).....		(I 434)
4. Richard Murphy, Professor.....	$\frac{1}{2}$	734
5. E. T. Curry, Associate Professor.....		I 467
6. J. C. Kelly, Associate Professor.....	$\frac{1}{2}$	634
(See Summer Residential Clinic).....		(634)
(Total Salary).....		(I 268)
7. J. Wesley Swanson, Associate Professor.....	$\frac{1}{2}$	694
(See University and Summer Youth Theater Program).....		(694)
(Total Salary).....		(I 388)
8. K. W. Broadrick, Assistant Professor.....	$\frac{1}{2}$	523
9. R. E. Nadeau, Instructor.....	$\frac{1}{2}$	489
10. Kenneth Burns, Instructor.....	$\frac{1}{2}$	465
11. Mary Arbenz, Instructor.....	$\frac{1}{2}$	445
12. _____, Visiting Lecturer.....		I 000
		(\$9 994)

Speech — University and Summer Youth Theater Program

1. J. Wesley Swanson, Associate Professor.....	$\frac{1}{2}$	\$ 694
(See Speech).....		(694)
(Total Salary).....		(I 388)
2. C. H. Shattuck, Associate Professor.....	$\frac{1}{2}$	712
(See English).....		(711)
(Total Salary).....		(I 423)
3. Clara M. Behringer, Instructor.....		845
4. G. W. McKinney, Instructor.....		778
5. Genevieve Richardson, Assistant.....		756
6. _____, Assistant.....	$\frac{1}{2}$	267
7. _____, Assistant.....	$\frac{1}{2}$	267
8. _____, Assistant.....	$\frac{1}{2}$	267
9. _____, Assistant.....	$\frac{1}{2}$	267
10. _____, Assistant.....	$\frac{1}{2}$	267
11. _____, Assistant.....	$\frac{1}{2}$	267
		(\$5 387)

Speech — Summer Debaters Youth Workshop

1. H. E. Gulley, Assistant Professor.....	$\frac{1}{2}$	\$ 568
2. R. L. Scott, Assistant.....	$\frac{1}{2}$	276
3. T. E. Finfgeld, Assistant.....	$\frac{1}{2}$	312
4. R. P. Hibbs, Visiting Lecturer.....	$\frac{1}{2}$	375
		(\$1 531)

Speech — University Speech Clinic

1. Severina E. Nelson, Professor.....	$\frac{3}{4}$	\$ 359
(See Speech).....		(I 975)
(Total Salary).....		(I 434)
2. Ida Levinson, Instructor.....		916
3. Frances L. Johnson, Instructor.....		845
4. Mrs. Naomi Hunter, Instructor.....		892
		(\$3 012)

Speech — Summer Residential Clinic		<i>Part-time</i>	<i>Salary</i>
1. J. C. Kelly, Associate Professor, Speech Supervisor.....	½	\$	634
(See Speech).....			(634)
(Total Salary).....		(1	268)
2. R. E. Shelton, Assistant Professor, Corrective Exercises Supervisor.....	½		208
(See Physical Education for Men).....			(415)
(Total Salary).....			(623)
3. L. W. Olson, Instructor, Coordinator.....			889
4. 21 Assistants (Paid from Division of Services for Crippled Children).....	½	(5	607)
		(\$1	731)

Student Counseling Bureau

1. Frank Costin, Counselor.....		\$1	156
2. P. S. Pettinga, Counselor.....	½		661
(See Music).....			(662)
(Total Salary).....		(1	323)
3. J. A. Henry, Counselor.....	½		700
4. J. A. Stern, Counselor.....	½		389
5. I. W. Cole, Counselor.....	¼		267
6. J. L. Breen, Counselor.....	¼		237
		(\$3	410)

Theoretical and Applied Mechanics

1. J. O. Smith, Professor.....	½	\$	945
2. W. M. Lansford, Professor.....	½		817
3. W. L. Collins, Professor.....	½		800
4. P. G. Jones, Associate Professor.....	½		695
5. R. L. Brown, Assistant Professor.....	½		545
6. O. M. Sidebottom, Assistant Professor.....	⅔		800
7. M. E. Clark, Assistant Professor.....	⅔		697
8. F. J. Stanek, Instructor.....	½		445
		(\$5	744)

Zoology

1. S. C. Kendeigh, Professor.....		\$1	712
2. Lester Ingle, Associate Professor.....		1	334
3. B. V. Hall, Associate Professor.....		1	223
4. C. C. Clark, Assistant Professor.....		1	112
5. C. M. Weise, Assistant.....	½		287
6. ———, Assistant.....	½		287
7. ———, Assistant.....	½		287
		(\$6	242)

<i>Sub-total, Urbana-Champaign</i>		\$450	017
Unassigned Salaries (to be assigned by the Dean of the Summer Session when enrollments require additional staff).....		13	983
<i>Total, Summer Session, Urbana-Champaign</i>		\$464	000

CHICAGO UNDERGRADUATE DIVISION**Biological Sciences**

	<i>Part-time</i>	<i>Salary</i>
1. K. M. Madison, Assistant Professor.....		\$1 134
2. Max Shank, Assistant Professor.....		1 056
3. Ellis B. Little, Instructor.....		1 089
4. Mrs. Mary F. Graham, Instructor.....	½	389
5. Mrs. Betsy A. Fowler, Instructor.....	½	389
		(\$4 057)

Commerce and Business Administration

1. Samuel Fox, Assistant Professor of Business Law.....		\$1	367
2. W. J. Dunne, Instructor in Economics.....	⅔		925
3. Oscar Miller, Instructor in Economics.....		1	000
4. E. C. Knudson, Instructor in Economics.....		1	000

	<i>Part-time</i>	<i>Salary</i>
5. H. G. Yankow, Instructor in Accountancy.....		I 000
6. E. W. Berg, Instructor in Economics.....		I 000
7. J. R. Morris, Instructor in Economics.....		989
8. Mrs. Josephine J. Margraff, Instructor in Accountancy.....	½	478
(See Student Counseling Bureau).....		(478)
(Total Salary).....		(956)
9. A. J. Schneider, Instructor in Accountancy.....		923
10. Dorothy A. Eggebrecht, Instructor in Accountancy.....		889
11. Mrs. Winifred B. Geldard, Instructor in Economics.....		867
		(\$10 438)

Engineering Sciences

1. A. J. DeFilipps, Assistant Professor of Architecture.....		\$I 323
2. H. D. Walraven, Assistant Professor of General Engineering.....		I 256
3. T. A. Mucha, Assistant Professor of Theoretical and Applied Mechanics.....		I 178
4. H. M. Skadeland, Instructor in Physics.....		I 112
5. W. R. Anderson, Instructor in Physics.....		I 067
6. Canio Radice, Assistant Professor of Art.....		956
7. O. L. Railsback, Professor of Physics and Head of Department... ½		900
8. Ogden Livermore, Instructor in Physics.....		I 200
9. R. M. Price, Assistant Professor of Physics..... ½		750
10. R. A. Kromhout, Instructor in Physics..... ½		513
11. W. G. Moulton, Instructor in Physics..... ½		513
		(\$10 768)

Humanities

1. E. S. Willner, Assistant Professor..... ⅔		\$ 800
2. Benjamin Lease, Assistant Professor..... ½		600
3. J. B. Fuller, Assistant Professor..... ⅔		771
4. Marie E. Lein, Assistant Professor..... ⅔		771
5. C. A. Pitt, Assistant Professor.....		I 134
6. Sara C. Niederman, Instructor..... ½		545
7. Mrs. Beatrice S. Timmis, Instructor.....		I 089
8. W. C. Jackman, Instructor..... ½		545
(See Student Counseling Bureau).....		(544)
(Total Salary).....		(I 089)
9. Mrs. Margaret H. Oleksy, Instructor.....		I 089
10. Kathryn H. Quinlan, Instructor.....		989
11. Mrs. Joan B. O'Connell, Instructor..... ⅔		615
12. Mrs. Johanna Braunfeld, Instructor..... ⅔		615
13. Guinevere G. Griest, Instructor.....		856
		(\$10 419)

Mathematics

1. F. S. Nowlan, Professor.....		\$I 556
2. Evelyn Frank, Associate Professor..... ⅔		I 139
3. Flora Dinkines, Assistant Professor..... ⅔		880
4. Winifred V. Berglund, Instructor.....		I 089
5. Rose Lariviere, Instructor.....		967
6. Lona Lee Turner, Instructor.....		889
7. Mrs. Lois B. Stelling, Instructor.....		823
8. I. K. Feinstein, Instructor..... ½		506
(See Student Counseling Bureau).....		(506)
(Total Salary).....		(I 012)
		(\$7 849)

Physical Education

1. P. R. Berrafato, Instructor.....		\$ 867
2. J. P. Tighe, Instructor.....		800
3. W. C. Mann, Instructor.....		689
4. Juanita M. Meunier, Assistant.....		667
		(\$3 023)

Physical Sciences		Part- time	Salary
1. B. J. Babler, Associate Professor.....			\$1 434
2. R. W. Karpinski, Associate Professor.....		I	414
3. J. V. Mansfield, Assistant Professor.....		I	500
4. F. B. Crum, Assistant Professor.....		I	289
5. C. K. Hunt, Assistant Professor.....		I	200
6. F. L. Koranda, Instructor.....		I	012
7. Samuel Schrage, Instructor.....			978
8. S. J. Potempa, Instructor.....			956
9. R. S. King, Instructor.....	$\frac{2}{3}$		615
10. H. D. Harris, Instructor.....	$\frac{2}{3}$		563
11. Lillian M. Questiaux, Instructor.....			823
12. R. L. Miller, Instructor.....			745
			(\$12 529)

Social Sciences			
1. H. W. Barber, Associate Professor.....			\$1 434
2. A. D. Cutshall, Associate Professor.....	$\frac{5}{6}$	I	158
3. E. A. Lipman, Associate Professor.....		I	389
4. D. J. Morris, Associate Professor.....		I	367
5. P. P. Klassen, Associate Professor.....		I	367
6. V. E. Ricks, Assistant Professor.....		I	200
7. S. L. Jones, Assistant Professor.....		I	100
8. Shirley A. Bill, Assistant Professor.....	$\frac{2}{3}$		712
9. Monica Kusch, Instructor.....	$\frac{1}{2}$		506
			(\$10 233)

Student Counseling Bureau			
1. W. C. Jackman, Staff Counselor.....	$\frac{1}{2}$	\$	544
(See Humanities).....			(545)
(Total Salary).....		(I	089)
2. I. K. Feinstein, Staff Counselor.....	$\frac{1}{2}$		506
(See Mathematics).....			(506)
(Total Salary).....		(I	012)
3. Mrs. Josephine J. Margraff, Staff Counselor.....	$\frac{1}{2}$		478
(See Commerce).....			(478)
(Total Salary).....			(956)
4. W. K. LeBold, Staff Counselor.....	$\frac{1}{2}$		478
5. R. R. Page, Staff Counselor.....	$\frac{1}{2}$		389
6. C. M. Larson, Staff Counselor.....	$\frac{1}{2}$		489
			(\$2 884)
Sub-total, Chicago Undergraduate Division.....			\$72 200
Unassigned (to be assigned by the Dean of the Undergraduate Division when enrollments require additional staff).....			14 800
Total, Summer Session, Chicago Undergraduate Division.....			\$87 000

APPROPRIATION FOR REMODELING AND EQUIPMENT FOR DEPARTMENT OF PHYSIOLOGY

(30) On recommendation of the Committee on Nonrecurring Appropriations, I recommend an assignment of \$20,000 from the General Reserve Fund to the Department of Physiology, in the College of Liberal Arts and Sciences, for remodeling and improvements of its quarters in the Natural History Building and for the purchase of needed equipment.

On motion of Mr. Bissell, this appropriation was made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mrs. Watkins; no, none; absent, Mr. Grange, Mr. Hickman, Mr. Megran, Mr. Nickell, Mr. Stratton.

REPORT OF FINANCE COMMITTEE ON BOND OF UNIVERSITY TREASURER

In the absence of the Chairman, Mr. Megran, Mr. Johnston presented the following report.

In electing Mr. C. W. Weldon on March 25, 1953, for a term of two years, the Board fixed the bond at \$5,000,000.

Mr. Weldon has offered a bond signed by himself as principal, with Edward E. Brown, James B. Forgan, and Homer J. Livingston as sureties for the required amount, providing for a full accounting for moneys, bonds, securities, or other property coming into his hands as Treasurer during his term of office and until his successor is elected and qualified. The bond is the same as that approved by the Board for the two-year term of 1951-1953.

The Finance Committee has examined this bond and recommends its approval.

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

SECRETARY'S REPORTS

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

APPOINTMENTS MADE BY THE PRESIDENT

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

ANASTOPOULOS, VASILIOS (BASIL), Instructor in Parasitology, in the College of Medicine, on one-third time, six months beginning March 1, 1953, \$1500 a year, supersedes (3-20-53).

ARNOLD, ARTHUR, Instructor in Neurosurgery, in the Department of Neurology and Neurological Surgery, in the College of Medicine, on nine-tenths time, one year beginning January 1, 1953, \$6000, supersedes (4-13-53).

BEDERMAN, STUART S., Surgical Consultant in the Health Service, in the Chicago Professional Colleges, on one-half time, seven months beginning February 1, 1953, \$3000 a year (3-20-53).

BORKENHAGEN, ROBERT H., Assistant in Clinical Dentistry, in the College of Dentistry, five months beginning April 1, 1953, without salary (4-8-53).

BYERS, FRANKLIN H., Research Assistant to the Committee on Admissions from Secondary Schools, five months beginning April 1, 1953, \$3300 a year (4-6-53).

BYLA, JONAS G., Clinical Assistant in Neurology and Neurological Surgery, in the College of Medicine, eight months beginning January 1, 1953, without salary (3-20-53).

CASAS, RAUL M., Clinical Assistant in Medicine, in the College of Medicine, five months beginning April 1, 1953, without salary (4-8-53).

CRYDER, ROBERT W., Undergraduate Library Assistant, with rank of Instructor, in the Library, July 1, 1953-August 31, 1954, \$3800 a year (4-3-53).

DERIDDER, LAWRENCE M., Assistant Professor of Psychology and Counselor in the Student Counseling Bureau, in the Chicago Undergraduate Division, six months beginning March 1, 1953, \$6200 a year, supersedes (4-6-53).

FREEMAN, JAMES T., Instructor in Social Sciences, in the Chicago Undergraduate Division, on one-half time, three months beginning April 1, 1953, \$216.67 a month (4-1-53).

FRY, RUTH B., Research Associate in Electrical Engineering (S), on two-thirds time, seven months beginning February 1, 1953, \$3200 a year (3-27-53).

GELL-MANN, MURRAY, Research Associate in Physics (C), two months beginning June 16, 1953, \$578 a month (3-30-53).

HAIG, ROBERT L., JR., Instructor in English, for the academic year beginning September 1, 1953, \$4000 (4-13-53).

HOCKMAN, DONALD E., Assistant in Medicine, in the College of Medicine, five months beginning April 1, 1953, without salary (4-8-53).

JONES, BILLY H., Assistant in Agricultural Economics (S), five months beginning April 1, 1953, \$3600 a year (4-13-53).

KERSTING, DAVID W., Instructor in Dermatology, in the College of Medicine, two months beginning July 1, 1953, \$416 a month (3-25-53).

KOSMAN, MARY ELLEN, Research Associate in Psychiatry, in the College of Medicine, five months beginning April 1, 1953, \$3800 a year (4-1-53).

- LEVIN, MYRON J., Clinical Instructor in Anesthesiology, in the College of Medicine, March 15-August 31, 1953, without salary (3-25-53).
- MULLER, DAVID E., Research Assistant Professor of Applied Mathematics, Digital Computer Laboratory, in the Graduate College, June 16-August 31, 1953, \$550 a month (4-8-53).
- PILOT, MARTIN L., Assistant in Psychiatry, in the College of Medicine, eight months beginning January 1, 1953, without salary (3-27-53).
- PRESTI, MATTHEW, Clinical Assistant in Neurology and Neurological Surgery (Rush), in the College of Medicine, eight months beginning January 1, 1953, without salary (3-20-53).
- PRITCHARD, HUGH C., Assistant Reference Librarian, with rank of Instructor, in the Library, July 1, 1953-August 31, 1954, \$4300 a year (3-30-53).
- SCHWARTZ, NEENA, Instructor in Physiology, in the College of Medicine, eight months beginning January 1, 1953, to render service during the academic year, \$4800 a year, supersedes (3-27-53).
- SCOTT, MERRILL B., Research Associate in Physics (C), on three-fourths time, one year beginning September 1, 1953, \$3825 (4-1-53).
- SETO, JOSEPH, Research Assistant in Medicine, in the College of Medicine, six months beginning March 1, 1953, \$3900 a year, supersedes (3-20-53).
- SHUTT, DAROLD, Instructor in Education, on one-half time, six months beginning February 1, 1953, to render service during the second semester of the academic year, \$166.66 a month, supersedes (3-20-53).
- SINCLAIR, GEORGE M., Research Associate Professor of Theoretical and Applied Mechanics (S), on indefinite tenure beginning September 1, 1953, \$7500 a year (4-3-53).
- STEWART, BABETTE T., Research Associate in Bacteriology, in the Graduate College, one year beginning July 1, 1952, \$4200, supersedes (4-8-53).
- STIPPES, MARVIN C., Assistant Professor of Theoretical and Applied Mechanics (C), two years beginning September 1, 1953, to render service during each academic year, \$6000 a year (4-8-53).
- TAVOLACCI, JOSEPH P., Registered Pharmacist in Hospital Pharmacy, in the College of Pharmacy, five months beginning April 1, 1953, \$3900 a year (3-30-53).
- THESLEFF, STEPHEN W., Assistant Professor of Pharmacology, in the College of Medicine, seven months beginning February 1, 1953, without salary (3-20-53).
- WILKERSON, LOWELL E., Research Assistant in Psychology, in the Graduate College, March 4-August 31, 1953, \$6000 a year (3-30-53).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on March 19, 1953, except where otherwise indicated in parentheses.)

Agricultural Economics

- AZHAR, BARKAT ALI, Booth Fellow, nine months beginning September 16, 1953, \$1100 (3-27-53).
- IHNEN, LOREN A., Wright Fellow, September 16, 1953-January 31, 1954, \$450.
- JONES, BILLY H., Wright Fellow, nine months beginning September 16, 1953, \$900 (3-27-53).
- KAHLE, KEITH A., Fellow, nine months beginning September 16, 1953, \$900.
- PAK, KI HYUK, Booth Fellow, nine months beginning September 16, 1953, \$1100 (3-27-53).
- STANGEN, FRITZ H. F., Booth Fellow, February 1-June 15, 1954, \$500 (3-27-53).
- WHITE, JAMES H., Wright Fellow, nine months beginning September 16, 1953, \$1000 (3-27-53).
- WYSONG, JOHN W., Fellow, nine months beginning September 16, 1953, \$900.

Agronomy

- FAYEMI, ABRAHAM A. A., Booth Fellow, nine months beginning September 16, 1953, \$1000 (3-27-53).
- FIELDS, ROBERT G., Wright Fellow, nine months beginning September 16, 1953, \$900 (3-27-53).
- KETCHESON, JOHN W., Fellow, nine months beginning September 16, 1953, \$1000.

LABANAUSKAS, CHARLES K., Booth Fellow, nine months beginning September 16, 1953, \$1000 (3-27-53).
PEACOCK, HUGH A., Fellow, nine months beginning September 16, 1953, \$1000.
TOLLENAAR, DIRK, Booth Fellow, nine months beginning September 16, 1953, \$1000 (3-27-53).

Animal Nutrition

BEARDSLEY, DANIEL W., Fellow, nine months beginning September 16, 1953, \$1100.
GRIMINGER, PAUL, Fellow, nine months beginning September 16, 1953, \$1000.
IACONO, JACK, Fellow, nine months beginning September 16, 1953, \$1100.
SIME, JOHN T., Fellow, nine months beginning September 16, 1953, \$1100.

Animal Science

AMMERMAN, CLARENCE B., Wright Fellow, nine months beginning September 16, 1953, \$1000 (3-27-53).
WHEELER, RICHARD F., Wright Fellow, September 16, 1953-January 31, 1954, \$550 (3-27-53).

Art

TAUGNER, ROBERT T., Fellow, nine months beginning September 16, 1953, \$900.

Bacteriology

EVANS, NINA R., Fellow, nine months beginning September 16, 1953, \$900.
RAO, M. R. RAGHAVENDRA, Fellow, nine months beginning September 16, 1953, \$1000.

Biological Sciences

FRYE, BILLY E., Fellow, nine months beginning September 16, 1953, \$900.

Botany

BUSER, FRANKLIN B., Fellow, nine months beginning September 16, 1953, \$1100.
NORTON, THOMAS B., Fellow, nine months beginning September 16, 1953, \$900.
STERN, WILLIAM L., Fellow, nine months beginning September 16, 1953, \$1100.
WILSON, SHIRLEY L., Fellow, nine months beginning September 16, 1953, \$1100.

Business Administration

ABDALLA, IBRAHIM S. E., Fellow, September 16, 1953-January 31, 1954, \$550.

Business Organization and Operation

ELLSWORTH, GERALD W., Fellow, nine months beginning September 16, 1953, \$900.
FESS, PHILIP E., Fellow, nine months beginning September 16, 1953, \$900.
HEMPHILL, VIRGINIA, Fellow, nine months beginning September 16, 1953, \$900.
SEALE, PATRICK A., Fellow, nine months beginning September 16, 1953, \$900.

Ceramic Engineering

TUNG, REY-CHING, Fellow, nine months beginning September 16, 1953, \$900.

Chemistry and Chemical Engineering

ADAMS, RUTH J., Fellow in Chemistry, nine months beginning September 16, 1953, \$1100.
ARNHEIM, JOANNE G., Fellow in Chemistry, nine months beginning September 16, 1953, \$1000.
BAIRD, RICHARD L., Fellow in Chemistry, nine months beginning September 16, 1953, \$900.
BENSON, ARNOLD M., Fellow in Chemical Engineering, nine months beginning September 16, 1953, \$900.
BERKOWITZ, JOAN, Fellow in Chemistry, nine months beginning September 16, 1953, \$1000.
DARNELL, WALTER T., Fellow in Chemical Engineering, nine months beginning September 16, 1953, \$900.
DEYOUNG, EDWIN L., Minnesota Mining and Manufacturing Company Fellow in Chemistry and Chemical Engineering, nine months beginning September 16, 1953, \$1500 (4-1-53).

- DOANE, ELLIOTT P., Visking Corporation Fellow in Chemical Engineering, nine months beginning September 16, 1953, \$1500 (3-26-53).
- DOUGHERTY, ELMER L., JR., Pan-American Fellow in Chemical Engineering, nine months beginning September 16, 1953, \$1400 (3-26-53).
- EBY, ROBERT N., Shell Oil Company Fellow in Chemical Engineering, nine months beginning September 16, 1953, \$1500 (3-26-53).
- ELSTON, CLAYTON T., Visking Corporation Fellow in Chemistry, nine months beginning September 16, 1953, \$1500 (3-26-53).
- EMERY, ALDEN H., JR., Dow Chemical Company Fellow in Chemical Engineering, nine months beginning September 16, 1953, \$1500 (3-26-53).
- FLETCHER, MICHAEL J., Fellow in Chemistry, nine months beginning September 16, 1953, \$1100.
- FULMER, RICHARD W., Fellow in Chemistry, nine months beginning September 16, 1953, \$1000.
- GARNETT, JOHN L., Fellow in Chemistry, nine months beginning September 16, 1953, \$1000.
- GIBBS, HUGH H., Cincinnati Chemical Works Fellow in Chemistry, nine months beginning September 16, 1953, \$1400 (3-26-53).
- HASHIZUME, TAKESHI, Fellow in Chemistry, nine months beginning September 16, 1953, \$900.
- HAY, ALLAN S., Monsanto Chemical Company Fellow in Chemistry, nine months beginning September 16, 1953, \$1500 (3-26-53).
- HUGHART, HAROLD H., Allied Chemical and Dye Corporation Fellow in Chemistry, nine months beginning September 16, 1953, \$1500 (3-26-53).
- JANICEK, JOHN D., Fellow in Chemical Engineering, nine months beginning September 16, 1953, \$900.
- JARDINE, DONALD A., Fellow in Chemical Engineering, nine months beginning September 16, 1953, \$1000.
- JOHNSON, HARRY W., JR., Fellow in Chemistry, nine months beginning September 16, 1953, \$1100.
- JOHNSTON, GORDON R., Standard Oil Foundation of Indiana Fellow in Chemistry, nine months beginning September 16, 1953, \$1500 (3-26-53).
- KAKEDA, KASUMI, Fellow in Chemistry, nine months beginning September 16, 1953, \$900.
- KALENDA, NORMAN W., Fellow in Chemistry, nine months beginning September 16, 1953, \$1100.
- LA SALLE, MARY JOAN, Fellow in Chemistry, nine months beginning September 16, 1953, \$900.
- LILLELEHT, LEMBIT U., Fellow in Chemical Engineering, nine months beginning September 16, 1953, \$900.
- LOUX, HARVEY M., Fellow in Chemistry, nine months beginning September 16, 1953, \$900.
- LYLE, RICHARD E., Fellow in Chemistry, nine months beginning September 16, 1953, \$1000.
- MAYER, FREDERICK, Fellow in Chemistry, nine months beginning September 16, 1953, \$900.
- MACDONALD, JOHN A., Dow Chemical Company Fellow in Chemistry, nine months beginning September 16, 1953, \$1500 (3-26-53).
- MCCLURE, JAMES D., Fellow in Chemistry, nine months beginning September 16, 1953, \$1000.
- McKIBBINS, SAMUEL W., Pittsburgh Consolidated Coal Company Fellow in Chemical Engineering, nine months beginning September 16, 1953, \$1500 (3-25-53).
- MILLER, LEE A., Eli Lilly Company Fellow in Chemistry, nine months beginning September 16, 1953, \$1500 (3-26-53).
- NEUMILLER, HARRY J., JR., Minnesota Mining and Manufacturing Company Fellow in Chemistry, nine months beginning September 16, 1953, \$1500 (3-26-53).
- NICHOLS, JAMES R., Fellow in Chemical Engineering, nine months beginning September 16, 1953, \$900.
- OWENS, FREDERICK H., Fellow in Chemistry, nine months beginning September 16, 1953, \$1000.
- PUTNAM, ROBERT E., Fellow in Chemistry, September 16, 1953-January 31, 1954, \$550.

- ROBBINS, PHILLIPS W., Fellow in Chemistry, nine months beginning September 16, 1953, \$1000.
- ROMANO, JOHN E., E. I. du Pont de Nemours and Company Fellow in Chemical Engineering, nine months beginning September 16, 1953, \$1500 (3-26-53).
- ROOT, DONALD F., Fellow in Chemical Engineering, nine months beginning September 16, 1953, \$900.
- SAMUELS, WILLIAM P., JR., Standard Oil Company of California Fellow in Chemistry, nine months beginning September 16, 1953, \$1500 (3-26-53).
- SAUERS, RONALD R., Fellow in Chemistry, nine months beginning September 16, 1953, \$1000.
- SNEEN, RICHARD A., Fellow in Chemistry, nine months beginning September 16, 1953, \$1000.
- STOLOW, ROBERT D., Fellow in Chemistry, nine months beginning September 16, 1953, \$1000.
- SWEELEY, CHARLES C., Fellow in Chemistry, nine months beginning September 16, 1953, \$1000.
- UCHIYAMA, AKIRA, Fellow in Chemical Engineering, nine months beginning September 16, 1953, \$900.
- WAY, JOHN W., Fellow in Chemistry, September 16, 1953-January 31, 1954, \$550.
- WHITAKER, LEROY, Eastman Kodak Company Fellow in Chemistry, nine months beginning September 16, 1953, \$1400 (3-26-53).
- WIEGERT, PHILIP E., Fellow in Chemistry, nine months beginning September 16, 1953, \$1000.
- WINTER, FREDRICK R., Standard Oil Company of Ohio Fellow in Chemical Engineering, nine months beginning September 16, 1953, \$1500 (3-26-53).
- WOESSNER, DONALD, Fellow in Chemistry, nine months beginning September 16, 1953, \$1000.

Civil Engineering

- BAGNATO, ROBERT A., Fellow, nine months beginning September 16, 1953, \$900.
- WADSWORTH, MAURICE A., Fellow, nine months beginning September 16, 1953, \$900.

Classics

- BRYSON, ELIZABETH A. E., Fellow, nine months beginning September 16, 1953, \$1000.
- SWANSON, ROY A., Fellow, nine months beginning September 16, 1953, \$1100.

Dairy Science

- GREENHALGH, JAMES F. D., Fellow, nine months beginning September 16, 1953, \$900.

Economics

- ALTAZAN, JOHN E., Fellow, nine months beginning September 16, 1953, \$1100.
- ALVORD, BEN M., Fellow, nine months beginning September 16, 1953, \$900.
- SIEMIENIEWSKI, ANDRE, Fellow, nine months beginning September 16, 1953, \$1000.

Education

- DEBUS, RAYMOND L., Fellow, nine months beginning September 16, 1953, \$1000.
- RAYNER, SAMUEL A., Fellow, nine months beginning September 16, 1953, \$1000.
- SANTOS, NILZA C. C., Fellow, nine months beginning September 16, 1953, \$1000.
- TANNENBAUM, DANIEL, Wright Fellow, nine months beginning September 16, 1953, \$1000 (3-27-53).

Electrical Engineering

- HAYT, WILLIAM H., JR., Fellow, nine months beginning September 16, 1953, \$1100.
- HWA, RUDOLPH CHIA-CHAO, Fellow, nine months beginning September 16, 1953, \$1000.
- KUDLICH, ROBERT A., Fellow, nine months beginning September 16, 1953, \$1100.
- McMAHON, EDWARD L., Fellow, nine months beginning September 16, 1953, \$1000.
- VANCE, PAUL A., JR., Westinghouse Fellow, nine months beginning September 16, 1953, \$1200.

English

- CARROLL, JOHN J., Fellow, nine months beginning September 16, 1953, \$1000.
- DORNBUSCH, CLYDE H., Fellow, nine months beginning September 16, 1953, \$900.
- FROST, ORCUTT W., JR., Fellow, nine months beginning September 16, 1953, \$1100.

MATHIESON, FREDERICK J., Fellow, nine months beginning September 16, 1953, \$900.
ORR, MARTHA E., Fellow, nine months beginning September 16, 1953, \$900.
SKARSTEN, ARLIN K., Fellow, nine months beginning September 16, 1953, \$1000.
WEISBORD, EDITH L., Fellow, nine months beginning September 16, 1953, \$900.

Entomology

HARWOOD, ROBERT F., Fellow, nine months beginning September 16, 1953, \$1100.

French

MATZ, ELANE B. S., Fellow, nine months beginning September 16, 1953, \$900.
STAICOPOULOU, LIA M., Fellow, nine months beginning September 16, 1953, \$1000.

Geography

DAVIES, IVOR, Fellow, nine months beginning September 16, 1953, \$900.
FENTON, BARBARA L., Fellow, nine months beginning September 16, 1953, \$900.
SHUMAN, STANLEY B., Fellow, nine months beginning September 16, 1953, \$1100.

Geology

BROWN, HENRY S., Fellow, nine months beginning September 16, 1953, \$1000.
COLLINS, LORENCE G., Fellow, nine months beginning September 16, 1953, \$900.
GARBARINI, GEORGE, Fellow, nine months beginning September 16, 1953, \$900.
NELSON, BRUCE W., Illinois Clay Products Company Fellow, nine months beginning September 16, 1953, \$1500.
PORTER, JOHN S., California Company Fellow, nine months beginning September 16, 1953, \$1250.
RANDALL, ALLAN D., Fellow, nine months beginning September 16, 1953, \$900.
RIOUX, ROBERT L., Fellow, nine months beginning September 16, 1953, \$900.
SCHENCK, BARBARA J., National Lead Company Fellow, nine months beginning September 16, 1953, \$1500.
SCHULTZ, LEONARD G., Illinois Clay Products Company Fellow, nine months beginning September 16, 1953, \$1500.
SHEPPS, VINCENT C., Fellow, nine months beginning September 16, 1953, \$1000.
STOERTZ, GEORGE E., Fellow, nine months beginning September 16, 1953, \$900.
WEART, WENDELL D., Fellow, nine months beginning September 16, 1953, \$900.
WEHRENBURG, JOHN P., Fellow, nine months beginning September 16, 1953, \$1100.

German

FRASER, RAPLH S., Fellow, nine months beginning September 16, 1953, \$1100.
GUENTHER, KATHLEEN M., Fellow, nine months beginning September 16, 1953, \$900.
HOURTIENNE, LAURA, Fellow, nine months beginning September 16, 1953, \$900.
JENNINGS, LEE B., Fellow, nine months beginning September 16, 1953, \$1100.
SEARS, ROBERT S., Fellow, nine months beginning September 16, 1953, \$1100.

History

ALBERT, ROBERT M., Fellow, nine months beginning September 16, 1953, \$1100.
BONE, QUENTIN, Fellow, nine months beginning September 16, 1953, \$1100.
CARLSON, EARLAND I., Fellow, nine months beginning September 16, 1953, \$1100.
DAVIS, JACK, Fellow, nine months beginning September 16, 1953, \$1000.
DURAN, JAMES A., JR., Fellow, nine months beginning September 16, 1953, \$1000.
ERICKSON, ROBERT F., Fellow, nine months beginning September 16, 1953, \$1100.
GRAHAM, IAN C. C., Kendrick C. Babcock Fellow, nine months beginning September 16, 1953, \$1400.
LEITH, JAMES A., Fellow, nine months beginning September 16, 1953, \$900.
LEWIS, GENE D., Fellow, nine months beginning September 16, 1953, \$1000.
LOBDELL, GEORGE H., JR., Fellow, September 16, 1953-January 31, 1954, \$550.
PRIKOPA, JOHN I., Fellow, nine months beginning September 16, 1953, \$3000.
ROSEBOROUGH, VIRGINIA L., Fellow, nine months beginning September 16, 1953, \$900.
SMITH, NATHAN, Fellow, nine months beginning September 16, 1953, \$1100.
TONSOR, STEPHEN J., Fellow, nine months beginning September 16, 1953, \$3000.
ZACEK, JOSEPH E., Fellow, nine months beginning September 16, 1953, \$1000.

Horticulture

DALHEIM, JOAN H., Wright Fellow, nine months beginning September 16, 1953, \$900 (3-27-53).

EWING, ELMER E., Fellow, nine months beginning September 16, 1953, \$900.

SHU, KOU-YING, Booth Fellow, nine months beginning September 16, 1953, \$900 (3-27-53).

Labor and Industrial Relations

BLACKWOOD, JEROME C., Fellow, nine months beginning September 16, 1953, \$900.

Library Science

FRANCIS, JANE, Katharine L. Sharp Fellow, nine months beginning September 16, 1953, \$900.

GUTHRIE, LOUISE, Fellow, nine months beginning September 16, 1953, \$900.

HARRER, GUSTAVE A., Katharine L. Sharp Fellow, nine months beginning September 16, 1953, \$900 (4-9-53).

JOHNSON, ALICE R., Fellow, nine months beginning September 16, 1953, \$900.

Mathematics

GROSZ, GENEVA, Fellow, nine months beginning September 16, 1953, \$900.

MENDELSON, PINCHAS, Fellow, nine months beginning September 16, 1953, \$1000.

RAYMOND, FRANK A., Fellow, nine months beginning September 16, 1953, \$900.

REE, RIMHAK, Fellow, nine months beginning September 16, 1953, \$900.

RICHMAN, JUDITH A., Fellow, nine months beginning September 16, 1953, \$1000.

SCHERER, ROSEMARIE M., Fellow, nine months beginning September 16, 1953, \$1000.

WILLIAMS, JOYCE W., Fellow, nine months beginning September 16, 1953, \$1100.

Mechanical Engineering

AKYOL, FARUK Z., Fellow, nine months beginning September 16, 1953, \$1000.

CHEN, CHUAN FANG, Fellow, nine months beginning September 16, 1953, \$900.

LEE, LESTER H., Fellow, nine months beginning September 16, 1953, \$1000.

Music

ABRAHAM, BETTY, Fellow, nine months beginning September 16, 1953, \$900.

ELLER, DANIEL R., Fellow, nine months beginning September 16, 1953, \$900.

HOUSE, ROBERT W., Fellow, nine months beginning September 16, 1953, \$900.

MUNGER, SHIRLEY, Fellow, nine months beginning September 16, 1953, \$900.

RAISIS, ANTHONY, Fellow, nine months beginning September 16, 1953, \$900.

WYKES, ROBERT, Fellow, nine months beginning September 16, 1953, \$900.

Philosophy

HALBERSTADT, WILLIAM H., Fellow, nine months beginning September 16, 1953, \$1000.

HARDIN, CLYDE L., Fellow, nine months beginning September 16, 1953, \$900.

KAELIN, EUGENE, Fellow, nine months beginning September 16, 1953, \$1100.

SIPPLE, DAVID, Fellow, nine months beginning September 16, 1953, \$900.

Physico-Chemical Biology

PUNNETT, THOMAS R., JR., Fellow, nine months beginning September 16, 1953, \$1100.

Physics

ANDERSON, LOWELL L., Fellow, nine months beginning September 16, 1953, \$900.

CUMMINS, RICHARD L., Fellow, nine months beginning September 16, 1953, \$900.

DEWIT, ROLAND, Fellow, nine months beginning September 16, 1953, \$900.

ERWIN, ALBERT R., JR., Fellow, nine months beginning September 16, 1953, \$900.

HARRISON, WALTER A., Fellow, nine months beginning September 16, 1953, \$900.

HODGSON, RICHARD C., Fellow, nine months beginning September 16, 1953, \$900.

HORSCH, ALMA J., Fellow, nine months beginning September 16, 1953, \$900.

KANNEWURF, C. R., Fellow, nine months beginning September 16, 1953, \$900.

MACKLIET, CLEON A., Fellow, nine months beginning September 16, 1953, \$1100.

MANNING, JOHN R., Fellow, nine months beginning September 16, 1953, \$900.
SOMMERFIELD, CHARLES M., Fellow, nine months beginning September 16, 1953, \$900.
TAXMAN, NORMAN, Fellow, nine months beginning September 16, 1953, \$900.
WALLACE, ORSON J., Fellow, nine months beginning September 16, 1953, \$900.
YAMAGATA, TAKETORA, Fellow, nine months beginning September 16, 1953, \$1100.

Physiology

GATSCH, MARIE, Fellow, nine months beginning September 16, 1953, \$900.

Plant Pathology

LOVETT, JAMES S., Fellow, nine months beginning September 16, 1953, \$900.

Political Science

DOWNING, RONDA L. G., Fellow, nine months beginning September 16, 1953, \$1000.
FRYXELL, JOHN B., Fellow, nine months beginning September 16, 1953, \$900.
KERR, JAMES R., Fellow, nine months beginning September 16, 1953, \$900.
LEE, SAMUEL SANG HOY, Fellow, nine months beginning September 16, 1953, \$1000.
MARCUS, KENNETH K., Fellow, nine months beginning September 16, 1953, \$1000.
PRICE, HUGH D., John A. Fairlie Fellow, nine months beginning September 16, 1953, \$1500.
RIGGS, ROBERT E., James W. Garner Fellow, nine months beginning September 16, 1953, \$1500.
SALISBURY, ROBERT H., JR., Kendric C. Babcock Fellow, nine months beginning September 16, 1953, \$1400.
WALTERS, JESS H., Fellow, nine months beginning September 16, 1953, \$1000.

Psychology

HAVERLAND, EDGAR M., Fellow, nine months beginning September 16, 1953, \$1100.
MEUX, MILTON O., Fellow, nine months beginning September 16, 1953, \$900.
NYGAARD, JOHN E., Fellow, nine months beginning September 16, 1953, \$1100.
ROWAN, THOMAS C., Fellow, nine months beginning September 16, 1953, \$1100.
SCHROEDER, PEARL, Fellow, nine months beginning September 16, 1953, \$1000.
WEIDE, THOMAS, Fellow, nine months beginning September 16, 1953, \$900.

Social Work

ARBIT, SANDRA D., Fellow, nine months beginning September 16, 1953, \$900.

Sociology

BUTLER, JAY G., Fellow, nine months beginning September 16, 1953, \$1100.
FEINER, MILTON, Fellow, nine months beginning September 16, 1953, \$900.
MANNHEIM, BETTY, Fellow, February 1, 1954-June 15, 1954, \$500.
OMAN, MILTON, Fellow, nine months beginning September 16, 1953, \$1100.

Spanish

HILLARD, ERNEST H. K., Fellow, nine months beginning September 16, 1953, \$1100.
McMANAMON, JAMES E., Fellow, nine months beginning September 16, 1952, \$950, supersedes (4-2-53).

Speech

CRIDER, KENNETH G., Fellow, nine months beginning September 16, 1953, \$1000.
DAVISON, SARA, Fellow, nine months beginning September 16, 1953, \$900.
HARDING, ORA M. W., Fellow, nine months beginning September 16, 1953, \$900.
WOODBURY, LAEL J., Fellow, nine months beginning September 16, 1953, \$1000.

Statistics (Mathematics)

OKUN, BERNARD, Fellow, nine months beginning September 16, 1953, \$900.
ROBERTS, DONALD M., Fellow, nine months beginning September 16, 1953, \$1000.

Veterinary Science

GILL, BAKHAHISH S., Fellow, nine months beginning September 16, 1953, \$900.

Zoology

- ESSLINGER, JACK H., Fellow, nine months beginning September 16, 1953, \$900.
 GLADE, RICHARD W., Fellow, nine months beginning September 16, 1953, \$1100.
 GOODMAN, DONALD C., Fellow, nine months beginning September 16, 1953, \$1100.
 VAN GELDER, RICHARD G., Fellow, nine months beginning September 16, 1953, \$1100.

CHICAGO PROFESSIONAL COLLEGES

- ANDERSON, TRUMAN O., Fellow, one year beginning July 1, 1953, \$1500 (4-2-53).
 HADDAD, FARID S., Fellow, one year beginning July 1, 1953, \$1800 (4-2-53).
 MOHAMMED, CLIVE I., Fellow, one year beginning July 1, 1953, \$1800 (4-2-53).
 SIEGEL, FREDERICK P., Fellow, one year beginning September 1, 1953, \$1500 (4-2-53).
 WATNE, ALVIN L., Fellow, one year beginning July 1, 1953, \$1800 (4-2-53).

RESIGNATIONS AND DECLINATIONS

- AKYOL, FARUK Z., Fellow in Mechanical Engineering—declination effective 9-16-53.
 AYERS, ARTHUR R., Instructor in Agricultural Engineering (E)—resignation effective 4-1-53.
 BAIRD, RICHARD L., Fellow in Chemistry—declination effective 9-16-53.
 BEERS, MRS. THELMA S., Assistant in Horticulture (S)—resignation effective 4-1-53.
 BENNE, KENNETH D., Professor of Education—resignation effective 8-31-53.
 BENSON, ARNOLD M., Fellow in Chemical Engineering—declination effective 9-16-53.
 BLACKWOOD, JEROME C., Fellow in Labor and Industrial Relations—declination effective 9-16-53.
 BUSH, BURR S., Medical Illustrator in the Cleft Palate Training Program and Center, in the Division of Services for Crippled Children—resignation effective 3-15-53.
 COLLINS, LORENCE G., Fellow in Geology—declination effective 9-16-53.
 DARNELL, WALTER T., Fellow in Chemical Engineering—declination effective 9-16-53.
 DORNBUSCH, CLYDE H., Fellow in English—declination effective 9-16-53.
 ELLSWORTH, GERALD W., Fellow in Business Organization and Operation—declination effective 9-16-53.
 ERWIN, ALBERT R., JR., Fellow in Physics—declination effective 9-16-53.
 ESSLINGER, JACK H., Fellow in Zoology—declination effective 9-16-53.
 FEINER, MILTON, Fellow in Sociology—declination effective 9-16-53.
 GLADE, RICHARD W., Fellow in Zoology—declination effective 9-16-53.
 GROSZ, GENEVA, Fellow in Mathematics—declination effective 9-16-53.
 HARRISON, WALTER A., Fellow in Physics—declination effective 9-16-53.
 HODGSON, RICHARD C., Fellow in Physics—declination effective 9-16-53.
 HORSCH, ALMA JEAN, Fellow in Physics—declination effective 9-16-53.
 JANICEK, JOHN D., Fellow in Chemical Engineering—declination effective 9-16-53.
 JARDINE, DONALD A., Fellow in Chemical Engineering—declination effective 9-16-53.
 JOHNSON, HARRY W., JR., Fellow in Chemistry—declination effective 9-16-53.
 LASALLE, MARY JOAN, Fellow in Chemistry—declination effective 9-16-53.
 LILLELEHT, LEMBIT U., Fellow in Chemical Engineering—declination effective 9-16-53.
 LOVETT, JAMES S., Fellow in Plant Pathology—declination effective 9-16-53.
 MCCLURE, JAMES D., Fellow in Chemistry—declination effective 9-16-53.
 MCKIBBINS, SAMUEL W., Pittsburgh Consolidated Coal Company Fellow in Chemical Engineering—declination effective 9-16-53.
 NORTON, THOMAS B., Fellow in Botany—declination effective 9-16-53.
 OKUN, BERNARD, Fellow in Statistics (Mathematics)—declination effective 9-16-53.
 PEACOCK, HUGH A., Fellow in Agronomy—declination effective 9-16-53.
 PRICE, HUGH D., John A. Fairlie Fellow in Political Science—declination effective 9-16-53.
 ROOT, DONALD F., Fellow in Chemical Engineering—declination effective 9-16-53.
 ROSEBOROUGH, VIRGINIA L., Fellow in History—declination effective 9-16-53.

- SIEMIENIEWSKI, ANDRE, Fellow in Economics — declination effective 9-16-53.
 SOMMERFIELD, CHARLES M., Fellow in Physics — declination effective 9-16-53.
 SPARKS, CLAUD G., Assistant Reference Librarian, with the rank of Instructor — resignation effective 7-1-53.
 STOERTZ, GEORGE E., Fellow in Geology — declination effective 9-16-53.
 STOLOW, ROBERT D., Fellow in Chemistry — declination effective 9-16-53.
 TAXMAN, NORMAN, Fellow in Physics — declination effective 9-16-53.
 VON WITZLEBEN, HENRY D., Clinical Assistant Professor of Neurology, in the Department of Neurology and Neurological Surgery, in the College of Medicine — resignation effective 3-15-53.
 WALLACE, ORSON J., Fellow in Physics — declination effective 9-16-53.
 WEART, WENDELL D., Fellow in Geology — declination effective 9-16-53.
 WEHRENBURG, JOHN P., Fellow in Geology — declination effective 9-16-53.
 WEIDE, THOMAS, Fellow in Psychology — declination effective 9-16-53.

LEAVES OF ABSENCE

- BIERSTEDT, ROBERT, Associate Professor of Sociology — leave of absence without pay for the academic year 1953-1954, so that he may accept an appointment at the City College of New York.
 COOK, FRANCES, Instructor in Foods (Home Economics), in the Extension Service in Agriculture and Home Economics — leave of absence on full pay for four months beginning March 1, 1953, on account of disability.
 DOOLITTLE, WARREN, Professor of Art — leave of absence with full pay from March 5, 1953, through March 31, 1953, on account of illness.
 HENDERSON, DONALD M., Assistant Professor of Geology — leave of absence with full pay from October 27, 1952, through March 14, 1953, on account of illness.
 HOHN, FRANZ E., Assistant Professor of Mathematics — leave of absence without pay for the academic year 1953-1954, so that he may accept a fellowship at the Bell Telephone Laboratories, New York City.
 PIGAGE, LEO, Associate Professor of Mechanical Engineering, in the College of Engineering — leave of absence with pay for approximately three weeks in June, 1953, so that he may participate in the Method-Time Measurement course sponsored by the Methods Engineering Council of Pittsburgh.

MAY AND JUNE MEETINGS

The Board had previously voted to hold its May meeting on Saturday, May 23, 1953, at Robert Allerton Park. The Secretary reported that Allerton House has two other meetings scheduled for May 23, and suggested that the Board meeting be held in the Illini Union Building, beginning at 11:00 a.m. (C.D.S.T.). Unanimous consent was given to this change.

On motion of Mrs. Watkins, the Board voted to hold its June meeting on Monday, June 22, 1953, beginning at 11:00 a.m. (C.D.S.T.), at Urbana or at Allerton Park and that the President and the Secretary of the Board be authorized to determine the place of the meeting.

On motion of Mrs. Holt, the Board adjourned.

Later in the day all members of the Board present at this meeting visited the Department of Speech Laboratory to witness a demonstration of the machine for time compression of accoustical signals invented by Professor Grant Fairbanks, Dean William L. Everitt, and Mr. Robert P. Jaeger.

A. J. JANATA

Secretary

PARK LIVINGSTON

President