#### MEETING OF THE BOARD OF TRUSTEES

OF THE

### UNIVERSITY OF ILLINOIS

June 9, 1937



The June meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 10 a.m. on Wednesday, June 9, 1937.

The following members were present: President Karraker, Mr.

Cleary, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Mr. H. B. Johnston, Executive Secretary, and, during part of the day, Professor Lloyd Morey, Comptroller, Dean F. B. Noyes, Director C. S. Havens, and Mr. J. E. Millizen.

#### MINUTES APPROVED

The Secretary presented the minutes of the meetings of April 14, 1937, with adjourned sessions of April 26 and May 3, 1937, and of May 13, 1937.

On motion of Mr. Cleary, the minutes were approved as printed on

pages 231 to 270 above.

#### MATTERS PRESENTED BY PRESIDENT WILLARD

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

#### APPROPRIATION TO DEPARTMENT OF ANIMAL HUSBANDRY

(1) A recommendation that the balance of \$3,023.71 in the unappropriated agricultural income account of the Department of Animal Husbandry be appropriated to the Department for the purchase of purebred Hereford cattle.

On motion of Mr. Mayer, this appropriation was made and the purchase authorized as recommended, by the following vote: Aye, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Adams, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Wieland.

#### APPROPRIATION TO CONCERT AND ENTERTAINMENT BOARD

(2) Because of the structural defects discovered in the University Auditorium this spring, the University Concert and Entertainment Board was obliged to rent the Virginia Theatre in Champaign for the presentation of the last attraction of the season—the Trudi Schoop Ballet. The net added cost of this arrangement was \$759.80. The Concert and Entertainment Board asks the University for some reimbursement and suggests that a reasonable settlement would be one-half of this net cost, or \$380.

I recommend that an assignment of \$380 be made from the General Reserve Fund to the University Concert and Entertainment Board as a partial offset of

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On motion of Mr. Mayer, this appropriation was made as recommended, by the following vote: Aye, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Adams, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Wieland.

#### APPROPRIATION TO BUREAU OF INSTITUTIONAL RESEARCH

(3) A request from the Director of the Bureau of Institutional Research for a special appropriation of \$500 for the purchase of a calculating machine as a replacement for an old one which is no longer usable.

On motion of Mr. Moschel, this appropriation was made as recommended, by the following vote: Aye, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Adams, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Wieland.

#### ADJUSTMENT IN ATHLETIC ASSOCIATION BUDGET

(4) A report that the Board of Directors of the Athletic Association on April 26, 1937, made the following assignments from the Association's reserve fund which represent additions to the budget for the current year:

On motion of Mr. Pogue, these adjustments were approved.

#### LEAVES OF ABSENCE

(5) A recommendation that the following leaves of absence be granted members of the staff for the reasons and periods and under the conditions indicated in each case:

1. Ruth Northcott, Junior Clerk in the Dispensary, three months' sick leave without pay from May 24, 1937, in addition to the usual sick leave and vacation allowances with pay to which she is entitled under the University statutes.

allowances with pay to which she is entitled under the University statutes.

2. Alexander Edgar, University Beef Cattle Herdsman, additional vacation allowance of four weeks with pay (a total of six weeks with pay) so that he

may go abroad this summer and visit a number of Shorthorn and Aberdeen Angus herds in Scotland in the interests of the Department.

On motion of Mr. Mayer, these leaves were granted as recommended.

#### LEAVE OF ABSENCE FOR PROFESSOR P. G. KRUGER

(6) A request from Associate Professor P. G. Kruger, of the Department of Physics, that his sabbatical leave of absence on one-half pay for the year 1937-1938 be cancelled. He had planned to spend the year at the University of California in Professor E. O. Lawrence's Radiation Laboratory, but has recently learned that the construction of certain equipment for that laboratory which he had planned to use has been delayed, and this would limit his activities.

Professor Kruger expects to submit another application for leave of absence

later.

On motion of Mr. Pogue, this leave was cancelled as recommended.

#### LEAVE OF ABSENCE FOR PROFESSOR F. P. SHEPARD

(7) Associate Professor F. P. Shepard, of the Department of Geology and Geography, has been given a leave of absence on one-half pay during the second semester of 1937-1938. He has requested an extension of this leave to include the first semester without pay, so that he may have more time for the scientific work he is planning to do, which includes investigations of submarine canyons and other oceanographic studies in the Pacific Ocean. He has received a grant of \$10,000 from the Geological Society of America to aid in his researches.

I recommend approval.

On motion of Mr. Mayer, this leave was extended as recommended.

#### RESIGNATION OF PROFESSOR CHARLES L. ALLEN

(8) Associate Professor Charles L. Allen, of the School of Journalism, has accepted an offer from Rutgers University as Professor of Journalism and Head of the Department and Executive Secretary of the New Jersey Press Association, effective September, 1937. Professor Allen has been on sabbatical leave of absence on one-half pay during the current university year and he requests release from the obligation, as provided in the University Statutes, that a member of the faculty to whom a leave has been granted shall agree to return to the University on the expiration of his leave and to remain in service for at least one year thereafter. To offset this and in part discharge the obligation imposed on him by his leave, he will return to the University at his own expense during the year 1027-1028 to deliver three leatures during each corrector and during the year 1937-1938 to deliver three lectures during each semester and to hold conferences with students and members of the faculty. Professor Allen will also return for the 1937 Summer Session.

The Director of the School of Journalism recommends that he be released under these conditions, and I concur in this recommendation.

On motion of Mr. Cleary, this resignation was accepted as recommended.

#### LEAVE OF ABSENCE FOR ALBERT JORGENSEN

(9) A recommendation that Albert Jorgensen, Associate in General Engineering Drawing, be given a leave of absence from September 1, 1937, to July 1, 1938, with full pay, and that an exchange of instructors with Purdue University be authorized whereby Mr. Jorgensen will teach at Purdue and Mr. J. N. Arnold, Assistant Professor of Practical Mechanics of Purdue University, will teach at the University of Illinois. Each institution will pay the full salary of its appointee and no other financial obligation will be incumbent upon either institution.

I recommend that the exchange proposed by the College of Engineering be approved as a special case and that Mr. Jorgensen be given leave of absence with

full pay from September 1, 1937, to July 1, 1938, to effectuate this plan.

On motion of Mr. Cleary, this exchange was approved and leave was granted as recommended.

#### APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(10) A recommendation from the Committee on Accountancy that Mr. Walter M. LeClear, of Chicago, be appointed a member of the Board of Examiners in Accountancy for three years beginning July 1, 1937, vice Mr. Homer Miller, whose term will expire on June 30, 1937.

On motion of Mrs. Plumb, this appointment was made as recommended.

#### **AUTHORITY TO CONFER DEGREES**

(II) A request for authority to confer degrees in June and in August on candidates who will be duly qualified for such as recommended by the University Senate at its meeting on June 7, 1937.

On motion of Mr. Mayer, this authority was granted.

# CHANGE IN REQUIREMENTS FOR ADMISSION TO THE COLLEGE OF LAW

(12) A recommendation from the University Senate that after June 1, 1939, the following applicants only will be admitted to the College of Law as candidates for degrees in law.

I. Graduates of the University of Illinois and of other colleges and universities of approved standing who have achieved a weighted grade average of at least 3.0 in all work submitted for their degrees.

2. Students of senior standing in the University of Illinois and in other approved colleges and universities who have achieved a weighted grade average

of at least 3.25.

Explanatory note: The grades given in courses at the University of Illinois are indicated by the letters A, B, C, D, and E. These respectively represent the quality of the students' work as Excellent, Good, Fair, Poor, and Failing. For the purpose of computing the weighted grade average of a student, a system is employed in which the following values are assigned to the grades received: A equals 5; B equals 4; C equals 3; D equals 2; E equals 1. When a student offers for admission work done at another college or university, the equivalency of his weighted grade average is determined by the University of Illinois.

On motion of Mr. Cleary, this requirement was adopted.

# CHANGE IN REQUIREMENTS FOR GRADUATION IN THE SCHOOL OF PHYSICAL EDUCATION

(13) The University Senate recommends the following changes in the requirements for graduation in the curriculum in Physical Education for Men, subject to further review when the budget for 1937-1939 has been approved and it can be determined whether the increased cost which this involves can be absorbed:

Major Requirements	Hours
General Courses,¹ as prescribed, including Military Science Foundation Science Courses, as prescribed Education Courses, as prescribed Professional Courses (Activity and Theory), minimum of  Total of Required Courses Electives	27 18 15 40 100
Total Required for Graduation	
MINOR REQUIREMENTS Professional Courses (Activity and Theory), minimum of	. 24

#### INSPECTION TRIP

It is proposed to require the members of the junior class to take an inspection trip. This trip will be a maximum of four days in duration and will cost each student a maximum of \$25.00. The party will travel to Chicago, St. Louis, or some other large community, where they will inspect elementary school, high

<sup>&</sup>lt;sup>1</sup>Students may be exempted from one of these courses if approved by the Director.

<sup>2</sup>All courses taken must be approved by the Director.

school, and college physical education plants, playgrounds, recreational centers, beaches, athletic clubs, etc. Arrangements for observing programs in operation and for attending lectures by prominent authorities will be made. Each student will be asked to write a report on the trip. A grade will be given. No credit will be given.

#### COURSES LISTED BY TYPE

Non-Professional Courses	Hours
General Courses	
Rhet. I. Rhetoric and Composition Rhet. 2. Rhetoric and Composition Mil. Sci. 4 semesters (Theory and Practice) Sociol. I Principles of Sociology Pol. Sci. 1a American Government Greek 15. Greek and Roman Sports Econ. 2 Elements of Economics Journ. 7 Sports Publicity Speech I Principles of Effective Speaking	3 4 3 2 3 3 3
FOUNDATION SCIENCE COURSES	27
Physiol. 3a. Physiological Anatomy. Physiol. 3b. Physiological Anatomy. Hygiene 5. Elementary Hygiene and Sanitation. Hygiene 10. Advanced Hygiene Psych. 1 Introduction to Psychology.	5 5 2 2 4
Education Courses	18
Ed. 6.       Principles of Secondary Education.         Ed. 10.       Technic of Teaching.         Ed. 25.       Educational Psychology.         Ed. Pr. 1       P.E. for Men.         Ed. Pr. 2       P.E. for Men.	3 3 3 3
Professional Courses	15
ACTIVITY COURSES  P.E.M. I Basketball. P.E.M. 2 Individual Tumbling and Formal Activities. P.E.M. 14 Dancing and Group Sports. P.E.M. 4 Football. P.E.M. 6 Boxing and Wrestling. P.E.M. 8 Baseball. P.E.M. 10 Apparatus and Double Tumbling Stunts. P.E.M. 11 Swimming (Prerequisite: Ability to swim 100 yards) P.E.M. 12 Track and Field. P.E.M. 17 Adult Sports (Tennis, Archery, Golf). P.E.M. 15 Recreational Sports (Soccer, Handball, etc.). P.E.M. 5 Prescribed Sports (Casting, Horseshoes, etc.).	2 2 2 2
THEORY COURSES	24
P.E.M. o. Introduction to Sports. P.E.M. 18. The Curriculum in Sports. P.E.M. 7. Training and First Aid. P.E.M. 13. The Program in Extracurricular Sports. P.E.M. 3a. Theory of Sports (1st semester). P.E.M. 3b. Theory of Sports (2nd semester). P.E.M. 9. The School Program in Health. P.E.M. 19. Recreation. P.E.M. 16. The History of Sport. P.E.M. 70. Inspection Trip.	2 2 3 3 2

#### SUMMARY

JUMMARI	
	Hours
General Courses*	27
Foundation Science Courses	
Education Courses	15
Total Non-Professional Courses*	60
Professional Activity Courses*	
Professional Theory Courses*	
Total Professional Courses*	46
Total All Courses*	106

#### COURSES LISTED BY SEMESTER

#### FIRST YEAR

	I. IK21	ILAR	
First Semester	Hours		Hours
Group A1		Group A1	
P.E.M. 4—Football	2	P.E.M. 4—Football	2
P.E.M. 1—Basketball	2	P.E.M. i—Basketball	2
Group B1		Group B1	
P.E.M. 2-Individual Tumbling		P.E.M. 2—Individual Tumbling	
and Formal Activities	2	and Formal Activities	2
P.E.M. 10—Apparatus and		P.E.M. 10—Apparatus and	
Double Tumbling Stunts	2	Double Tumbling Stunts	2
P.E.M. o-Introduction to Sports	2	Physiol. 3b—Physiological Anatomy	5
Physiol. 3a—Physiological Anatomy	5	Rhet. 2—Rhetoric and Composi-	_
Rhet. 1—Rhetoric and Composi-	•	tion	3
tion	3	Mil.Sci.—Theory (½) Practice (½)	I
Practice (½)	I	Hygiene 10—Advanced Hygiene	2
Hygiene 5-Elementary Hygiene		Greek 15—Greek and Roman	
and Sanitation	2	Sports	2
Total	17	Total	17
:	SECOND	YEAR	
Group A1		Group A1	
P.E.M. 12—Track and Field	2	P.E.M. 12—Track and Field	2
P.E.M. 6—Boxing and Wrestling	2	P.E.M. 6—Boxing and Wrestling	2
or Group B <sup>1</sup>		Group B <sup>1</sup>	
P.E.M. 14—Dancing and Group		P.E.M. 14—Dancing and Group	
Sports	2	Sports,	2
P.E.M. 11—Swimming (prerequi-		P.E.M. 11—Swimming (prereq-	
site: ability to swim 100 yds.)	2	uisite: abilitytoswim 100 yds.)	
Psych. I—Introduction to		Econ. 2-Elements of Economics	3
Psychology	4	Speech I—Principles of Effective	
Journ. 7—Sports Publicity	3	Speaking	3
Mil.Sci.—Theory (½)		Mil.Sci.—Theory (½)	-
Practice (1/2) Pol. Sci. 1a—American Govern-	1	Practice (½) Electives	1 6
ment	3		Ü
Electives	3		
Total	18	Total	17

<sup>\*</sup>Not all required. See preceding page.

3Students who take Group A first semester must take Group B second semester. Students who take Group B first semester must take Group A second semester.

#### THIRD YEAR

m . 41	First Semester	Hours		Hours
P.E.M. 5- P.E.M. 9-	-Baseball -Prescribed Sports -School Program .h	2 2 3	P.E.M. 8—Baseball P.E.M. 5—Prescribed Sports P.E.M. 9—School Program in Health	2 2 3
or Group B <sup>1</sup> P.E.M. 17 P.E.M. 13	—Adult Sports —Recreational Sports —Recreation	2	or Group B <sup>1</sup> P.E.M. 17—Adult Sports P.E.M. 15—Recreational Sports P.E.M. 19—Recreation	2
Ed. 25-Ed	rinciples of Sociology ucational Psychology	3 3 3	P.E.M. 70—Inspection Trip Ed. 6—Principles of Secondary Education Electives	o 3 6
Total		16	Total	16
		Fou <b>r</b> th	YEAR	
Group A <sup>1</sup> P.E.M. 7-	-Training and First		Group A <sup>1</sup> P.E.M. 7—Training and First	
P.E.M. 7- Aid P.E.M. 13	Training and First Program in	2	Group A <sup>1</sup> P.E.M. 7—Training and First Aid P.E.M. 13—Program in	2
P.É.M. 7- Aid P.E.M. 13 Extract	-Training and First	2	P.E.M. 7—Training and First Aid P.E.M. 13—Program in Extracurricular Sports	2
P.E.M. 7- Aid P.E.M. 13 Extract or Group B <sup>1</sup> P.E.M. 16	Training and First Program in	2 3	Group A <sup>1</sup> P.E.M. 7—Training and First Aid P.E.M. 13—Program in Extracurricular Sports or Group B <sup>1</sup> P.E.M. 16—History of Sport P.E.M. 18—Curriculum in	3 2
P.E.M. 7- Aid P.E.M. 13 Extraor or Group B <sup>1</sup> P.E.M. 16 P.E.M. 18 P.E.M. 3a-	Training and First  Program in Irricular Sports  History of Sport  Curriculum in Sports	2 3 2 3 2	Group A <sup>1</sup> P.E.M. 7—Training and First Aid P.E.M. 13—Program in Extracurricular Sports  Group B <sup>1</sup> P.E.M. 16—History of Sport P.E.M. 18—Curriculum in Sports	3 2 3
P.E.M. 7- Aid P.E.M. 13 Extract Group B <sup>1</sup> P.E.M. 16 P.E.M. 18 P.E.M. 3a— Ed. 10—Tec Ed. Pr. 1—I	Training and First Program in Irricular Sports History of Sport Curriculum in Sports	2 3	Group A <sup>1</sup> P.E.M. 7—Training and First Aid P.E.M. 13—Program in Extracurricular Sports or Group B <sup>1</sup> P.E.M. 16—History of Sport P.E.M. 18—Curriculum in	3 2

On motion of Mrs. Plumb, these changes were approved as recommended, subject to budgetary considerations.

### CHANGES IN CURRICULA IN THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

(14) A recommendation from the University Senate that the following changes in the organization of the curricula of the College of Commerce and Business Administration be authorized, but subject to further review when the budget for 1937-1939 has been approved and it can be determined whether the increased cost which this involves can be absorbed:

#### SUMMARY

- 1. A distinction is drawn between the work of the first two years and that of the last two.
- 2. The work of the first two years (lower division) is organized into a single, prescribed program for all freshmen and sophomores.

  3. The work of the last two years (upper division) is organized into "Fields of Concentration" rather than into curricula of prescribed subjects and group electives.
- 4. In place of having no definite standards for advancement from the sophomore year to the junior year, certain specific requirements are interposed

<sup>&</sup>lt;sup>1</sup>Students who take Group A first semester must take Group B second semester. Students who take Group B first semester must take Group A second semester.

for admission to the upper division. (At least 60 hours of prescribed courses taken in the lower division and a scholastic record of not more than 15 hours below "C").

5. The requirements for the bachelor's degree in commerce are changed so that the "quality test" shall be "C-average" for the work taken in the upper

division.

6. The probation rules of the college are changed so they will be in harmony with the distinctions which are being made between students in the lower division and those in the upper division.

#### DETAILS OF THE CURRICULA

#### Freshman and Sophomore Years (Lower Division)

The work of the first two years is organized into a single "Program for the Lower Division" consisting of specifically prescribed courses and restricted group electives. The program of study is arranged primarily to prepare students to enter a Field of Concentration in the upper division; but for those who can stay in college only for two years, it will afford a well-balanced combination of general education and business education.

A student may be registered conditionally in a Field of Concentration in the junior year of the upper division if (1) he has completed fewer than 60 hours, but including all of the required courses or their equivalent as stated in the "Program for the Lower Division," or (2) if more than 15 of the credit hours offered to secure registration in a Field have a grade below "C."

#### Program for the Lower Division

Registration must not be for less than 15 or for more than 18 credit hours in one semester.

	FIRST	Year	
First Semester	Hours	Second Semester	Hours
Econ. 22	3	Econ. 27	. 3
Accy. 1a		Accy. 1b	
Rhet. I	3	Rhet. 2	
Math. or Science <sup>2</sup>	5	Science or Math.2	
Mil. and P.E	11/2	Mil. and P.E	
Electives	21/2	Hygiene	. 2
Total	18	Total	. 171/2
	SECOND	YEAR	
Econ. 1	5	Accy. 2b	. 3
Accy. 2a	3	Statistics 70	
Languages or Literature	4	Languages or Literature	. 4
Rhet. 10 or Speech4	2-3	Speech or Rhet. 104	. 2-3
Mil. and P.E	1½	Mil. and P.E	. I ½
Electives	21/2-11/2	Electives4	1/2-31/2
Total	- Ω	Total	T.S.
		I UMP	. 10
Total for two years—61-63 l	nours.		

¹A student who has substantially met the requirements may be admitted to a Field of Concentration in the Upper Division on condition that he remove promptly his deficiencies. 

\*Mathematics-Science.—All first-year students must elect Math. 2 or 3. In addition to the prescribed course in College Algebra they must elect sufficient additional courses in mathematics or science to amount to 5 hours each semester or a total of 10 hours for the year. These courses may be taken from the following subjects: astronomy, bacteriology, botany, chemistry, geography, geology, mathematics, physics, physiology, zoology. A student who enters without at least one unit of laboratory science must include 5 hours of a laboratory science in the Mathematics-Science requirement.

\*Industrial Administration.—No recommendation is being made at the present time on this Field of Concentration.

this Field of Concentration.

\*\*Language.—Students must obtain credit in at least 8 hours of English Literature, or obtain a reading knowledge of a modern foreign language (French, German, Italian, Spanish) equivalent to that resulting from four semesters of study of a foreign language when com-

#### JUNIOR AND SENIOR YEARS (Upper Division)

The work of the last two years is organized into nine Fields of Concentration: Accountancy, Banking and Finance, Commerce and Law, Commercial Teaching, Economics, Industrial Administration, Marketing, Management, and Public Affairs. In the Field of Concentration the courses are grouped around the subject of the student's major interest. The programs of study should not be considered as specifically designed for vocational training, but rather as different avenues of approach to a life-time of living and working in the midst of a business civilization.

To be graduated with the bachelor of science degree, a student must have completed (1) the requirements of one of these Fields, (2) a total of 130 credit hours (including the prescribed Military and Physical Education) of which not less than 60 credit hours must be in courses given in the College of Commerce (except that in the Field of Commerce and Law this shall be 45 hours), and (3) must have an average grade of not less than "C" in the courses taken at the University of Illinois while registered in a Field of Concentration.

#### Fields of Concentration in the Upper Division

Accountancy: for those preparing to follow industrial or public accounting.

Primary List (At least 43 hours including not less than 18 hours in accountancy and including the courses shown in italics must be selected from the following): Accountancy 3a, 3b, 4a, 4b, 5a, 5b, 13, 20, 30; Economics 3, 10, 11, 36, 72; Bus. Law 1a, 1b, 10; Rhetoric 22; B.O.O. 1, 2.

Secondary List (Fifteen hours of electives must be chosen from courses in

history, philosophy, political science, psychology, sociology.)

Banking and Finance: for those preparing to enter banking or finance.

Primary List (At least 21 hours including the courses shown in italics must be selected from the following): Econ. 3, 10, 11, 72; Bus. Law 1a, 1b, 10; Accy. 4b, 30; B.O.O. 1, 2.

Secondary List (Fifteen hours of electives must be chosen from history, philosophy, political science, psychology, sociology.)

Technical List (At least 15 hours must be selected from courses in either or

both of the following two groups):

(A) For Banking—Econ. 4, 5, 6, 8, 9; Math. 23; Agr. Econ. 15.

(B) For Finance—Econ. 6, 36, 51, 55, 81, 92; Accy. 3a; Math. 23.

COMMERCE AND LAW: for those who wish to combine commercial and legal studies and obtain both the degree of Bachelor of Science and the degree of Bachelor of Laws in six years (see also requirements for graduation from the College of Law). In their fourth year, students who have received credit in at least 100 credit hours of pre-legal work will be regularly registered in the College of Law, but must file copies of their study-lists in the office of the Dean of the College of Commerce and Business Administration at the beginning of each semester.

Primary List (A sufficient number of hours must be selected from the following courses to make a total of at least 45 hours in Commerce for the three years of work): Econ. 3, 10, 25, 51, 65, 92, 42, 44, 61; Accountancy 32, 13,

20; B.O.O. 1, 2, 20.

Secondary List (Twelve hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.)

menced in college. For the purpose of this requirement a candidate is assumed to have a reading knowledge of a modern foreign language if he has passed French 2b or a more advanced course, German 5 or 6 or a more advanced course, Italian 2b or a more advanced course, or Spanish 2b or a more advanced course, or if he has passed a proficiency examination equivalent to the final examination given in any of these courses.

Students expecting later to elect Government Foreign Service as a Field of Concentration (See Public Affairs, on page 280) or Foreign Trade as a Field of Concentration (See Public Office of Speech.—Students taking Rhetoric 10 the first semester must take Speech 1 the second semester; those taking Speech 1 the first semester must take Rhetoric 10 the second semester.

second semester.

- Technical List (30 hours of freshman law required in the senior year in the College of Commerce): First Semester—Law 1a, 2a, 3, 4, 5; Second Semester-Law 1b, 2b, 10, 11, 12.
- COMMERCIAL TEACHING: for those who are preparing to teach commercial subjects in the secondary schools.
  - Primary List (At least 18 hours including the courses shown in italics must be selected from the following): Econ. 3, 51, 61, 65; B.O.O. 1, 2, 7, 8; Bus.
  - Law 1a, 1b; Accountancy 4a, 4b, 30.
    Secondary List (Fifteen hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.)

Psychology I is a prerequisite for courses in Education.

- Technical List (At least 15 hours including the courses shown in italics must be selected from the following): Education 6, 10, 25, 5, 30; B.O.O. 12, 13. The two latter courses carry no University credit.
- Note: See the general catalogue regarding requirements for a teaching certificate in the State of Illinois.
- Economics: for those who desire a broad undergraduate preparation in economics. Students who contemplate taking graduate work in economics should elect this field of concentration.
  - Primary List (36 hours must be selected in not less than four of the following Secondary List (30 hours must be selected in not less than four of the following subdivisions, including the courses in italics in the subdivisions elected):

    Economic Theory and History—Econ. 3, 19, 20, 24, 25, 44, 61, 65; Finance and Banking—Econ. 3, 4, 5, 6, 8, 9, 10, 11, 36; B.O.O. 2; Utilities and Transportation—Econ. 81, 82, 83, 92, 94, 95, 96; Insurance and Statistics—Econ. 55, 56, 72; Foreign Trade—Econ. 29, 30, 31; B.O.O. 2; Labor—Econ. 41, 42, 43; B.O.O. 1; Public Finance—Econ. 3, 51, 52.

    Secondary List (Fifteen hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.)
  - history, philosophy, political science, psychology, sociology.)
- Management: for those who desire a broad undergraduate preparation in management.
  - Primary List (At least 34 hours including the courses shown in italics must be selected from the following): Accy. 4a, 4b, 30; B.O.O. 1, 2, 3, 4, 7, 8,
  - 14, 15, 20, 24; Econ. 3, 10, 11, 30, 31, 41, 43, 51, 61, 92, 99; Bus. Law 1a, 1b. Secondary List (Fifteen hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.)
- MARKETING: for those who are preparing to enter some branch of distribution. Primary List (At least 22 hours including the courses shown in italics must be selected from the following): B.O.O. 1, 2, 3, 7, 8, 17, 20; Econ. 3, 10,

30, 43, 92; Bus. Law 1a, 1b.
Secondary List (Fifteen hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.)

- Technical List (At least 12 hours must be selected from the following, preferably in one or two groups only. No course may be counted as satisfying the requirements in both the Primary and the Technical Lists.)

  (A) For Selling and Merchandising—B.O.O. 3, 8, 17, 20, 22, 24;
  - Speech 2.
  - (B) For Advertising—B.O.O. 8, 18, 22; Rhet. 21, 22; Journalism 12,
  - 25, 26. (C) For Foreign Trade—Foreign Language; Econ. 8, 24, 29, 30, 31, 94; Political Science 6a.

- (D) For Transportation—Econ. 92, 93, 94, 95, 96. (E) For Agricultural Marketing—Agr. Econ. 14, 30, 34, 36, 37.
- PUBLIC AFFAIRS: for those who are preparing to enter some branch of public service.
  - Primary List (At least 18 hours including the courses shown in italics must be selected from the following): Econ. 3, 10, 29, 41, 51, 52, 65, 81, 92; B.O.O. 2.

Secondary List (Fifteen hours of electives must be chosen from courses in

history, philosophy, political science, psychology, sociology.)

Technical List (At least 15 hours must be selected from the courses listed under any one of the following sub-heads; other courses necessary for graduation to be chosen with consent of the adviser to the Field. No courses may be counted as satisfying the requirements in both the Primary and Technical Lists.)

(A) For General Service: Courses must be chosen from economics, accountancy, or B.O.O., to prepare the student for the type of work which he plans to enter, such as trade and civic secretaries, management of public industry, management of a governmental unit, or service in the tax, banking, labor, insurance, or other

governmental departments.

(B) For Government Foreign Service: Foreign language; Econ. 8, 6, 24, 31; Pol. Sci. 6a, 6b, 7, 8; B.O.O. 2, 7, 8; History 29, 32b.

(C) For Social Service: Econ. 42, 43, 55; Psych. 1; Pol. Sci. 12, 13;

Sociology 1, 2, 3, 4, 8, 9.

On motion of Mr. Cleary, these changes were approved as recommended, subject to budgetary considerations.

# CHANGES IN REQUIREMENTS FOR MASTER'S DEGREE IN ORTHODONTIA

(15) The College of Dentistry offers a graduate course, Orthodontia 101, which covers a year's work for students taking the master's degree in Orthodontia. The University Senate recommends that the course be extended a minimum of one-half time for an extra semester in the case of candidates for the master's degree.

On motion of Mr. Cleary, action on this recommendation was deferred pending the receipt of a full report from the College of Dentistry.

#### CONTRACT CHANGE ORDERS FOR MEDICAL AND DENTAL BUILDING

(16) Under the authorization of the Board of Trustees on May 27, 1936, the following contract change orders for the second unit of the Medical and Dental College Laboratories Building, as recommended by the Physical Plant Department, have been authorized and are being presented for confirmation by resolution, as required by the State Director of the Federal Emergency Administration of Public Works:

Be it resolved, that the Board of Trustees hereby approves the action of the President of the University in authorizing the following change orders for the second unit of the Medical and Dental College Laboratories Building:

#### I. General Contract

Change Order No. 33 Change Order No. 34 For furnishing and installing additional marble and hollow tile for Change Order No. 36 Clean and wire brush exposed plumbing pipes and paint one prime coat lead and oil paint, add...... \$1 080 00 Size with hard oil all covered piping installed by heating contractor, add..... Total Addition..... \$1 560 00

Piping in Mechanical Rooms not included.
Omit one coat of paint on all exposed piping, deduct \$ 409 00
Omit one coat of paint on all covered piping, deduct 424 00
Total Deduction
\$ 667 00
Plus 5% 33 35
\$ 700 35
Plus 10% 70 04
Net Addition \$ 770 39
II. Plumbing Contract
Change Order No. 18
For furnishing and installing on present roughing-in openings in Dark Room No. 842, one 20 x 20 x 6" deep inside alberene stone sink with 12" high box back and left hand end piece, 1½" chemical lead drain plug with stopper, strainer and tailpiece, 1½" chemical lead P trap, No. 540 C.F. Co. swing spout faucet underslung type, rim of sink to set 38½" high, add the sum of \$81 55
III. Electrical Contract
Change Order No. 12
Additional labor and material required to install twenty-four (24) ceiling outlets on 12th floor ceiling due to substitution of Perfa-
tile ceiling for plaster ceiling, add the sum of
to omission of this partition, add the sum of
room #1108 and add conduit stub in room #1106, add the sum of 12 54 Additional labor and material required to move exit outlet due to change in door buck in passage to stairs in room #927, add
the sum of
soffit at wickets near Column B-5 Room #512, add the sum of 24 00
Total Addition
Omit three (3) bracket outlets in south and north walls of room         #1409, deduct the sum of       3 00         Net Addition       \$95 09
On motion of Mrs. Plumb, the resolution was adopted.

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### AGREEMENT WITH ASSOCIATION OF AMERICAN RAILROADS FOR INVESTIGATION OF CONTINUOUS WELDED RAILS

(17) A recommendation from the Dean of the College of Engineering for the approval of an agreement with the Association of American Railroads for a cooperative investigation of the strength, ductility, and toughness of continuous welded rails by the Engineering Experiment Station.

The agreement is drawn for a period of two years from May 1, 1937, unless previously terminated by the Association on at least three months' notice in advance, and the Association agrees to contribute up to \$20,000 to cover the expenses of the investigation. The agreement conforms to the University Statutes and policies governing such cooperative research projects.

On motion of Mr. Cleary, the execution of this agreement was authorized as recommended.

# INVESTIGATION OF SANITARY STANDARDS OF MILK BOTTLE CAPS (18) The Associated Milk Dealers Incorporated of Chicago have asked the University to undertake the investigation of problems relating to sanitary milk

bottle caps. The proposed enterprise is to consist of: (1) an investigation of present sanitary standards of milk caps in general use in Chicago; (2) preparation of specifications for an "ideal sanitary milk cap."

Such an investigation is important from sanitary and health standpoints not only in Chicago and Illinois but for the entire country. It is estimated that the cost of the investigation would be approximately \$5,400 and would cover the salaries of research assistants and supplies. The funds would be supplied by the Associated Milk Dealers Incorporated, and there would be no expense to the University except for the use of laboratory space and such heat, light, power, and water as might be needed to conduct the investigation. It is the practice of the University to supply such services in accepting funds for cooperative research investigations of this kind.

I request authorization of the acceptance of this grant and the execution

of an agreement covering this investigation.

On motion of Mr. Moschel, the execution of this agreement was authorized as recommended.

### AGREEMENT WITH MONSANTO CHEMICAL COMPANY FOR INSECTICIDE RESEARCH

(19) The Dean of the College of Agriculture recommends approval of an agreement with the Monsanto Chemical Company for a special industrial investigation to be carried on jointly by the Agricultural Experiment Station and the State Natural History Survey Division of certain insecticides prepared and submitted by that Company.

This agreement is drawn for a period of one year effective when it is executed, and the Company has agreed to contribute \$4,500 for the expenses of the research. The agreement is to replace a similar agreement with the Crop Protection Institute (the funds for which have heretofore been provided by the Monsanto Chemical Company) which expires July 14, 1937.

On motion of Mr. Pogue, the execution of this agreement was authorized.

#### AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(20) A report of the extension of the following agreements for cooperative investigations:

I. American Dry Milk Institute, Incorporated: (a) Study of "The Utilization by Animals of the Calcium of Whole Milk and of Liquid and Dried Skim Milk and Their Values as Sources of Calcium in the Diet in Comparison with Other High Calcium Foods," for one year from July 1, 1937; the Institute has agreed to contribute an additional \$4,200 to cover the expenses of this investigation. (b) Investigation of "The Effect of Milk Solids on the Mineral Metabolism of Children," for one year from July 1, 1937; the Institute has agreed to contribute an additional \$3,300 for the expenses of this investigation.

2. Associated Seed Growers, Incorporated, the Sioux City Seed Company, and the Vaughan Seed Store, Incorporated, agreements covering the release, production, and distribution of seeds of varieties of tomatoes and lima beans developed by the Agricultural Experiment Station, for two years from January

On motion of Mr. Moschel, the extension of these agreements was approved.

SERVICE CHARGE FOR DEFERRED FEES

(21) On March 29, 1937, the Board reduced the service charge for deferred fees providing for a minimum of \$1 in every case and a maximum charge of \$3. In recommending this change the Comptroller recommended that the minimum charge of \$1 be not refunded in any case, but the action of the Board did not specifically contain this provision. I recommend that the action of the Board of March 29 be modified to provide that the minimum charge of \$1 for deferred fees be not refundable.

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

#### SCHOOL OF JOURNALISM

(22) The Illinois Press Association at a meeting held on May 15, 1937, adopted the following resolution:

RESOLVED: That the Illinois Press Association, in convention assembled in the Sherman Hotel, Chicago, Illinois, May 15th, 1937, does hereby request the Board of Trustees of the University of Illinois to immediately change the name of "The School of Journalism" to "The College of Journalism," thereby complying with the requirements of House Bill number 285, approved by the Illinois Legislature June 17, 1927, and duly signed by the then Governor of the State; that our request for this formal change in the name of the Journalism course is based on our desire to have the teaching of Journalism placed on an equal basis with Law and Medicine as was clearly intended by the wording and intent of said law as sponsored by the Illinois Press Association.

This same question has been raised by the Director of the School of Journalism, but no action has been taken by the Board. The University Counsel has secured from the Attorney-General the following opinion covering the interpretation of the statute:

June 1, 1937

Hon. Sveinbjorn Johnson, Legal Counsel University of Illinois, Urbana, Illinois

DEAR SIR:

I have your letter of recent date, in which you call my attention to the title to "An Act establishing a college of journalism at the University of Illinois, and making an appropriation therefor." You also quote the first two sections of this act, which use the words "college of Journalism," and say the question has been raised, whether, in view of this act, the board of trustees is justified in calling the "institution established" a "school of journalism" rather than a "college of journalism."

You also call my attention to certain minutes of the board of trustees which refer to this department as a "school" rather than as a "college," and ask, "in what sense did the legislature use the word 'college,' which appears three times in the bill,—once in the title and once in each of its two sections?"

In this connection I call your attention to the fact that the words "college of journalism" appear not only in the title and the two sections of the act to which you refer, but also in the third section of that bill, as originally enacted (Laws of Illinois, 1927, page 184), which appropriates \$30,000 for the biennium (July 1st, 1927, to June 30th, 1929), for the purpose of establishing "such college."

There are many definitions of "school" and "college." A "school" may mean (1) "any place of learning"; (2) "a place for instruction in any branch or branches of knowledge"; (3) "the institution or the collective body of teachers and learners in such a place"; or (4) "a faculty or institution for specialized higher education, usually within a university, as a medical or law school, a school of education."

"In the case of a university with but a single (or a single surviving) college, the terms 'college' and 'university' become practically synonymous. . . . . Finally, 'college' is applied to an institution of higher learning affiliated with a university. In the United States, the college is primarily an institution of higher learning, receiving approved graduates of preparatory schools and offering instruction in arts, letters and science, leading to the Bachelor's degree; there is, however, no clear line of demarcation, as institutions have retained the name college while extending their instruction to university scope. In the universities, the name college is usually given to the division of the institution which provides instruction in the liberal arts and sciences, leading to a Bachelor's degree; in some universities, the various divisions, including graduate and professional schools, are named colleges." (Webster's New International Dictionary, 2nd ed.)

In other words, in one sense a "school" may be an institution, teaching any branch or grade of learning, that is, elementary high school, academy, college or university, while a "college" is limited to those schools which offer higher learning, receiving graduates of preparatory schools who have completed high

school or more advanced work, only.
In another sense, a "school" or "college" means a division of a university, which offers a specialized higher education as a school of medicine, law or education, or a college of medicine, law or education, and for all practical purposes when used in this sense, the terms are synonymous.

While a "college" which is a division of a university, usually (although not

necessarily) has a dean and grants a particular degree, it may or may not have separate buildings and courses; a "school," which is such a division, may or may

not have all of these.

As I see it, either a "school" or a "college" may be, and many times is, except in the professional or graduate schools, merely a branch of a larger division under a dean of that larger division (although ordinarily in either case there is a separate dean.)

Depending upon the university, and its finances, either may or may not have separate buildings and very often the courses offered intermingle with or are a

separate buildings and very often the courses offered intermingle with or are a part of the general courses offered in the "school of liberal arts."

I am not familiar with the particular or local use of these terms on your campus, and reading merely the title to the act, it is broad enough to cover either situation. However, a statute is construed as a whole (People v. The W. S. T. & S. Bank, 362 Ill. 607) and in the light of existing circumstances, contemporareous conditions what shiest the local-ture source the attained to contemporaneous conditions, what object the legislature sought to attain, the necessity of the act and the language used therein. (First Nat'l. Bank v. Wedron Silica Co., 351 Ill. 560, at 571; see also Sycamore Works v. C. & N. W. Ry. Co., 366 Ill. 11, at 15.)

If the title is broader than the act itself, it is limited by the act. I am advised that prior to 1927, no courses were offered by the University in journalism, and your letter states that the trustees had, during 1926, been urged to esablish a "school" or "college" of journalism. In doing so, the legislature called it a "college of journalism" and in the first section of the act "authorized and directed" its establishment at the University. As you say, the authorization added nothing which could not have been done by the University under its general powers. However, when the legislature "directed" this department to be established, it then became mandatory upon the University to do so.

Section 2 directs that a course of instruction be offered which will best serve to train and equip persons for that profession. However, section 3, which appropriates \$30,000 for the biennium (\$15,000 a year) seems to be especially

enlightening.

Certainly with that sum of money, separate buildings could not be erected, and a dean and instructors for an entire four year course could hardly be em-

ployed for that small sum nor could many new volumes be added to a library.

Of course, some instructors and perhaps a dean could be employed and a particular degree in journalism, if desired, be offered, but from the small amount appropriated, it is my notion the legislature evidently intended to direct the University to offer courses to students who had completed their preparatory work (high school or its equivalent) to best fit those students who wished to make journalism their profession, for that work, and grant a special degree. In such case, I see no reason why the same courses offered in the "school" or "college" of liberal arts might not be offered as a part of the course in journalism for one or more years, so long as these courses furnish the student an opportunity to best train and equip him for service in the profession of journalism. Of course, some special courses must be given, but in the main, it seems to me those offered in the "school" or "college" of liberal arts will serve as at least preparatory courses to the later special instruction.

From a reading of the entire act, it seems to me to make little difference whether this department of the University is called a "school" or a "college," however, since the legislature has used the word "college," I should call the

department by that name.

Very truly yours,

Otto Kerner Attorney General

On motion of Mr. Moschel, this matter was referred to the Committee on General Policy for investigation and report at a subsequent meeting.

#### BIDS FOR EQUIPMENT FOR NEW MEDICAL BUILDING

(23) The following report of the Comptroller and the Director of the Physical Plant Department on the bids for equipment for the second unit of the new Medical and Dental College Laboratories Building.

June 9, 1937

President A. C. Willard, 355 Administration (W)

DEAR PRESIDENT WILLARD:

In accordance with your instructions, we have studied the problem of equipment for the Second Unit of the Medical and Dental Building and submit this report and recommendations.

We have proceeded in accordance with the following principles which were stated by you in your letter of May 29 to Deans Davis and Noyes and in

further conversation with us:

(1) The College of Dentistry is to be moved from its present old building into the new unit and the operation of the old building suspended.

(2) In moving the College of Dentistry an effort has been made to provide the absolute minimum of equipment to enable it to operate in the new building and to make possible the closing of the old building.

(3) Some relief has been provided for the College of Medicine.

(4) In the purchase of fixed equipment only that amount of such equipment has been retained to enable us to make use of bids received on the original (Failure to follow this principle would have made it impossible to make use of bids already received and would have necessitated calling for new bids and further delay incident thereto as well as increased cost.)

In accordance with the foregoing principles and in conferences with the deans and in certain cases the departments concerned, we submit the attached summary schedule showing: (a) Original estimates of equipment needed.
(b) Bids received on reduced schedules of equipment. (c) Proposed allotments of the available appropriation of \$350,000.

Dentistry.—In the case of Dentistry the reductions have been carried out

along the following lines:

(1) By reducing the number of special cabinet units from 84 to 80.
(2) The proposed reduction in fixed laboratory equipment contemplates: (a) Omission of vacuum breakers, performance bond. (b) Omission of the purchase and installation of all of the equipment in certain rooms, the purchase of certain equipment but omission of its installation in other rooms, and the reduction of equipment in certain rooms.

The above reductions have been carried out through conferences with the

dean and heads of departments.

(3) Reduction in the total for movable equipment to come within the ag-

gregate of available funds.

Medicine.—In the case of the College of Medicine, the amount available for this division, after taking care of Dentistry along minimum lines, is only \$81,583 out of an original request of \$204,163 and out of bids amounting to \$197,255. This means the complete elimination of equipment for the Department of Radiology and substantial reductions in the requests of all other departments in the College. It should be pointed out that the urgent needs in the College of Medicine were for new quarters and facilities for Hospital Laboratory, Department of Bacteriology and Public Health, and the Department of Pathology, the total estimates of which alone were \$127,292.

General.—Allowance must be made for certain general expenses including architectural fees, moving of departments into the new building, and certain general building equipment not covered by previous contracts. The sum of \$25,318 is reserved for this purpose, including a small margin for contingencies. Any amount not required for these purposes will be added to the College

allotments.

In accordance with the above recommendation as to allotment of funds, we recommend the award of the following contracts:

- (1) General Fireproofing Company.......\$69 893 96 For steel laboratory equipment for Dentistry only. (For the purchase and installation of certain equipment and the purchase only of the balance.)
- ..... 84 788 88 Medicine.
- 36 dental chairs.
- (5) Ritter Dental Manufacturing Co...... 10 646 69 6 bench lathes
  - 5 dental engines
- 6 dental furnaces
  - I dentocal outfit

All of the above recommendations are based on awards to the low bidders, with the exception of the item of the dental chairs. In the case of this item the Dean of the College of Dentistry has recommended that the contract be awarded to S. S. White Dental Manufacturing Co. at a cost of \$587.11 more than the low bid. If the award is made to the White Manufacturing Co., the allotment for other movable equipment in the College of Dentistry must be reduced by this sum.

We further recommend that the proposed allotments of the State appropriation of \$350,000 as shown in the attached schedule be approved by the Board so that the purchase of other items of movable equipment may go forward in accordance with our regular procedure.

Cordially yours,

C. S. HAVENS Director of Physical Plant Department LLOYD MOREY Comptroller

#### SUMMARY OF ESTIMATES AND BIDS ON EQUIPMENT FOR MEDICAL AND DENTAL COLLEGE LABORATORIES—SECOND UNIT

Dentistry	Original estimates	Bids received on reduced schedules	Proposed allotments of appro- priation
Dental cabinet units	\$295 631 89 500	\$ 67 308 17 920 67 052 160 794	\$ 64 250 17 193 <sup>1</sup> 60 557 <sup>2</sup> 101 099
Total		\$313 074	\$243 099
Medicine Movable equipmentFixed laboratory equipment	143 048 61 115	74 775 122 480	28 000 53 583
TotalGeneral and Contingent	\$204 163 79 212	\$197 255 24 400	\$ 81 583 25 318
Grand Total		\$534 729 ommented on it	\$350 000 in detail.

<sup>&</sup>lt;sup>1</sup>Increased to \$17,780 by action of Board. <sup>2</sup>Decreased to \$59,970 by action of Board.

On motion of Mrs. Plumb, the State appropriation of \$350,000 for equipment for the new Medical and Dental College Laboratories Building was appropriated for the purposes intended by the Act, by the following vote: Aye, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Adams, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Wieland.

On motion of Mr. Moschel, contracts were awarded as recommended, including the contract for dental chairs at a price of \$587 more than the lowest bid, on the ground that the purchase of this equipment is more advantageous to the teaching needs of the

University.

# SCHOLARSHIPS IN AGRICULTURE, HOME ECONOMICS, AND CERAMICS

(24) At its meeting on May 13 the Board postponed further consideration of the question of suspending the award of scholarships in Agriculture and Home Economics for a period of two years and of discontinuing permanently the scholarships in Ceramics until this meeting to give representatives of the Illinois Farmers' Institute and of the Illinois Clay Manufacturers' Association an opportunity to be heard. (It was suggested that these representatives appear at the afternoon session of the Board at 2:30 o'clock.) A number of representa-

I also present a letter from the Chicago Section of the American Ceramic Society, dated June 4, 1937, and resolutions adopted by the Chicago Brick Exchange on May 28, the Chicago District Enamelers Club on June 3, and the Illinois Clay Manufacturers' Association on May 22, 1937, copies of which documents are being given to the Secretary of the Board for record.

Friends of the Department of Ceramic Engineering were introduced as follows:

Dr. Ross C. Purdy, General Secretary of the American Ceramic Society, Columbus, Ohio. (First Instructor in the Department of Ceramic Engineering.)

Mr. G. G. Hanson, President of the Chicago Section of the American Ceramic Society. (Vice-President, Colorado Feldspar Co., Chi-

cago, Illinois.)

Mr. George P. Macknight, Managing Director, Porcelain Enamel Institute, Chicago, Illinois.

Mr. Douglas Stevens, President, Illinois Clay Manufacturers' Association. (President, Acme Brick Co., Danville, Illinois.)

Mr. John W. Stipes, Member of original Legislative Committee for the organization of the Department of Ceramic Engineering.

Mr. E. F. Plumb, President, Streator Brick Company, Streator, Illinois.

Mr. V. H. CARTWRIGHT, Manager, Peoria Branch, Hydraulic Pressed Brick Company, Peoria, Illinois.

### Advisory Committee

- Mr. F. W. BUTTERWORTH, President, Western Brick Company, Danville, Illinois.
- Mr. Frank E. Hodek, Jr., (Secretary, Chicago District Enamelers Club), President, General Porcelain Enameling & Mfg. Co., Chicago, Illinois.
- Mr. Fred L. Steinhoff, Vice-President, Industrial Publications, Inc., and Editor, Brick and Clay Record, Chicago, Illinois.

Mr. J. W. WRIGHT, Ceramic Engineer, Owens-Illinois Glass Company, Alton, Illinois.

Mr. E. H. VAN SCHOICK, President, Chicago Retort & Fire Brick Company, Ottawa, Illinois.

#### Engineering Staff

Dean M. L. Enger, Dean of the College of Engineering.

Dean H. H. JORDAN, Associate Dean of the College of Engineering. Professor C. W. PARMELEE, Head of the Department of Ceramic Engineering.

Professor R. K. Hursh, Department of Ceramic Engineering. Professor A. I. Andrews, Department of Ceramic Engineering.

President Karraker explained the purpose of the meeting and asked Dean Enger to take charge of the hearing. Dean Enger in turn introduced Mr. Butterworth and asked him to act as master of ceremonies. Mr. Butterworth introduced the representatives of the industry and presented the following resolution, as well as a brief and other resolutions and letters on the matter of the scholarships in Ceramics and Ceramic Engineering.

At a meeting of the Advisory Committee of the Department of Ceramic Engineering with representatives from the Enamelers Club of Chicago, the Porcelain Enamel Institute, the Illinois Clay Manufacturers' Association, the Chicago Section of the American Ceramic Society, the American Ceramic Society, the Illinois Paving Brick Manufacturers' Association, and representatives of Clay Products, Enamel Products, Glass Industries, Dealers in Ceramic Materials, and the Ceramic Press of the state, the brief on Ceramic Scholarships, was fully discussed and was approved in its entirety by a unanimous vote including especially the recommendations of the College of Engineering.

#### Advisory Committee

F. W. BUTTERWORTH, President, Western Brick Company.

Frank E. Hodek, Jr., Vice-President, Porcelain Enamel Institute; Secretary, Chicago Dist. Enamelers Club; President, General Porcelain Enameling

& Mfg. Company.

Fred L. Steinhoff, Vice-President, Industrial Publications, Inc.; Editor,
Brick and Clay Record.

J. W. WRIGHT, Ceramic Engineer, Owens-Illinois Glass Co. E. H. VAN SCHOICK, President, Chicago Retort & Fire Brick Company.

Ross C. Purdy, General Secretary, American Ceramic Society. G. G. Hanson, President, Chicago Section of the American Ceramic Society; Vice-President, Colorado Feldspar Company, Chicago, Illinois.

GEORGE P. MACKNIGHT, Managing Director, Porcelain Enamel Institute.
E. F. Plumb, President, Streator Brick Company.
Douglas Stevens, President, Illinois Clay Manufacturers' Association; President, Acme Brick Company.

JOHN W. STIPES, Member of original Legislative Committee for the organization of the Department of Ceramic Engineering.

V. H. CARTWRIGHT, Manager, Hydraulic Pressed Brick Company.

The resolution and brief were supported by several of the friends of the Department present, including Mr. Stevens, Mr. Hodek, Mr. Wright, Dr. Purdy, and Dean Enger.

Mr. Karraker thanked these gentlemen for their interest, and they

retired.

The following friends of the College of Agriculture were introduced:

Mr. H. O. Allison, Secretary, Illinois Farmers' Institute, Springfield. Mr. F. V. Wilson, President, Illinois Farmers' Institute, Edgewood.

Mr. George F. Tullock, Member of the Board of Directors, Illinois Farmers' Institute, Rockford.

Mr. HARRY WILSON, Member of the Board of Directors, Illinois Farmers' Institute, Pinckneyville.

President Karraker explained the purpose of the hearing in the light of the present economic situation, and asked Dean Mumford to take charge of the hearing. Dean Mumford introduced Mr. Wilson, Mr. Tullock, and Mr. Allison, who spoke briefly in support of the scholarships in Agriculture and Home Economics.

Mr. Karraker thanked these gentlemen for their interest, and they

retired.

On motion of Mr. Cleary, the President of the University was instructed to discontinue the issuance of new scholarships in Ceramics and Ceramic Engineering, effective for the academic year 1938-1939.

On motion of Mr. Mayer, the President of the University was instructed to see that the number of new scholarships in Ceramics and Ceramic Engineering issued for the year 1937-1938 be not in excess of the number of new scholarships granted during the year 1936-1937.

On motion of Mr. Cleary, the proposed suspension of scholarships in agriculture and home economics, as an economy measure, was deferred until the revenues of the University for the next biennium are definitely determined.

#### APPROPRIATION TO DEPARTMENT OF HORTICULTURE

(25) A recommendation that the balance of \$2,285 in the unappropriated income of the Department of Horticulture be appropriated to the Department.

On motion of Mrs. Plumb, this appropriation was made as recommended, by the following vote: Aye, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Adams, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Wieland.

#### PAYMENT OF ACCIDENT COMPENSATION CLAIMS

(26) The University Committee on Accident Compensation for Employees has submitted a list of seven accident compensation claims involving University employees, totaling \$359.27, which it recommends be paid from the University funds as in the case of certain similar payments.

A copy of the Committee's report with a list of the cases is being given

to the Secretary of the Board for record.

All of these cases have been reviewed by the Committee and none involves permanent disability. Provision for such payments has been made in the budget for the current year.

On motion of Mr. Mayer, the payment of these claims was authorized.

#### BIDS ON TENNIS COURTS IN CHICAGO

(27) The Director of the Physical Plant Department submits the following schedule of bids received on June 1 for the construction of tennis courts at Polk and Wood Streets for the use of the students and faculty of the Chicago departments:

	Base Bid	Alternate # 1	Alternate # 2
Banner Construction Co	\$4 995 00	\$ 787 oo	\$ 158 00
Bulley & Andrews	7 388 00	800 00	I 081 001
John Kinnare, Inc	5 555 00	555 00	888 oo
Morgan Park Construction Co	5 377 00	929 00	568 oo
Moses Construction Co		1 304 00	779 00
J. W. Snyder Co	7 516 oo	1 710 00	I 230 00

He recommends that the contract be awarded to the Banner Construction Company, the lowest bidder, on its base bid of \$4,995. Provision has been made in the budget for this work.

On motion of Mrs. Plumb, this contract was awarded to the lowest bidder as recommended.

#### PURCHASES AUTHORIZED

- (28) A report of the following purchases authorized by the President of the University in accordance with the authorization of the Board of Trustees under its action on July 26, 1935:
- 1. 250 one-year old, shorn, crossbred, whitefaced ewes, for use in pasture experiments and to be kept on the Urbana farm until late in the summer and then sent to the experimental farm at Dixon Springs. (Reason for emergency: In order to take advantage of the pasture that is now ready.)
  - Book paper as follows:
- A. For Agricultural Experiment Station and Extension Service (paid for from Federal Funds):

10,000 reams 83/8 x 107/8—16 lb. White No. 4 Sulphite Bond 100 reams 8½ x 13-16 lb. White No. 4 Sulphite Bond

B. For Office Supply Store, for general University printing:

2,250 reams 83/8 x 10/8—16 lb. White No. 4 Sulphite Bond

48 reams 17 x 28—201/2 lb. White No. 4 Sulphite Bond

48 reams 19 x 24—191/2 lb. White No. 4 Sulphite Bond

64 reams 17 x 22—16 lb. Canary No. 4 Sulphite Bond

48 reams 17 x 22—16 lb. Pink No. 4 Sulphite Bond

48 reams 17 x 22—16 lb. Pink No. 4 Sulphite Bond

12 reams 19 x 24—19½ lb. Goldenrod No. 4 Sulphite Bond
1½ tons 17 x 22—16 lb. White No. 4 Sulphite Bond
from the Chicago Paper Company, the low bidder, at a price of \$3,843.95.
(Reason for emergency: In order to use Federal funds delivery must be completed by June 30th. Delivery will require about four weeks.)

On motion of Mr. Pogue, the action of the President of the University in authorizing these purchases was approved and confirmed.

#### REPORT ON INVESTMENT OF THE KATE NEAL KINLEY FELLOWSHIP FUND

Mr. Mayer, for the Finance Committee, reported as follows:

The Finance Committee recommends that the following securities, purchased as investments of the Kate Neal Kinley Fellowship Fund, be sold at the current market:

\$2,000 Par, New England Power Company, First A, 31/4%, 1961. Cost 104. Current market about 100.

\$3,000 Par, Southwestern Bell Telephone Co., 1st and ref. B, 3½%, 1964. Cost 108. Current market about 1051/2.

The Committee recommends that the proceeds be invested in the following

\$2,000 Cincinnati Union Terminal, First C, 5%, 1957. Price about 1071/2.

\$2,700 Indianapolis Power and Light, First A, 5%, 1957. Price about 106.

<sup>&</sup>lt;sup>1</sup>Void-not accompanied by certified check.

Under the terms of the deed of gift, this fund must be invested separately. This change will make a considerable increase in the income of the fund.

Finance Committee:

OSCAR G. MAYER KARL A. MEYER LOUIS C. MOSCHEL

On motion of Mr. Cleary, this sale of securities and reinvestment of funds was authorized.

### RECOMMENDATION OF FINANCE COMMITTEE CONCERNING INVESTMENT COUNSEL

Mr. Mayer reported also as follows:

The Comptroller has placed before the committee the difficulties with which he is faced with respect to securing adequate information on problems relating to the investment of our endowment funds. He feels the need of a reliable source which will supply information at all times both as to desirable changes in securities held and as to desirable purchases when funds require investment.

After carefully reviewing the matter the committee is convinced that some regular arrangement for assistance of this kind should be concluded. The Comptroller has reviewed the problem with several Chicago banks and has secured proposals from them for this service. The University now has a custodial agreement with the First National Bank of Chicago which is also the depository of University funds in the hands of the University Treasurer. The custodial arrangement provides for safekeeping of all securities and collection of interest coupons. The cost of this service is approximately \$425 a year.

The First National Bank is willing to extend this service to include all necessary advice concerning investments at a total cost, based on the present total of our investments, of not over \$1,000 a year. This amount is considerably less than the regular rates charged for this service in Chicago banks and is as

good a proposal as any bank has offered.

Under this arrangement our list of securities would be checked continuously by the Trust Department of the bank and whenever any change is found to be desirable a recommendation would be submitted to the finance committee. When funds become available for investment, recommendations for investment also would be submitted. All such recommendations are made from lists approved by investment committees of the bank of which the Treasurer of the University, Mr. Frank M. Gordon, is a member, so that the benefit of his advice on our particular problem would always be available. No purchases or sales of securities would be made without approval of the finance committee or the Board of Trustees.

The committee recommends that this arrangement be authorized beginning July 1, 1937, and that provision for the added expense of approximately \$600

a year be included in the budget for 1937-1938.

The Finance Committee of the Board of Trustees:

KARL A. MEYER LOUIS C. MOSCHEL OSCAR G. MAYER, Chairman

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

# RECOMMENDATION OF FINANCE COMMITTEE FOR SALE OF SECURITIES

Mr. Mayer presented also the following report:

The Finance Committee requests authority to sell the following low-yield securities as favorable opportunity is presented, and to reinvest the proceeds in other securities of quality similar to those previously approved by the Board:

Par	Issue Per cent	Maturity	Book value	Yield	Current price
\$5 000	Duquesne Light Co 3½	1965	106.75	3.12	105
5 000	Niagara Falls Power Co 3½	1966	107.25	3.16	1021/8
2 000	Southwestern Bell Tele-	•		-	
	phone Co 3½	1964	108	3.05	1051/4
10 000	City of New York 4	1940	105	2.80	105
3 000	U. S. Treasury 3½	1944	103.95	2.63	$106^{12}_{32}$
8 500	U. S. Treasury 4	1944	114.4	1.85	11117/32
10 000	U. S. Treasury 3	1938	100.67	2.60	102
	· -		OSCAR G.	MAYER,	Chairman
			KARL A. 1	MEYER	
			Louis C.	Moschel.	

On motion of Mr. Mayer, this sale of securities and reinvestment of funds was authorized.

#### PURCHASE OF SECURITIES AS INVESTMENTS OF **ENDOWMENT FUNDS**

Mr. Mayer also reported that the Comptroller reports the purchase of the following securities, authorized by the Finance Committee, as investments of endowment funds:

\$5,000 par, Iowa Power & Light, 1st 4½%, 1958 at 106 \$5,000 par, Virginia Railway, 1st 3¾%, 1966 at 104½ \$5,000 par, Goodycar Tire & Rubber Co., 1st Collateral, 5%, 1957 at 104%.

On motion of Mrs. Plumb, this action was approved.

#### TREASURER'S BOND

Mr. Mayer reported also as follows:

The Comptroller reports that the Fidelity and Casualty Company, which has furnished the bond for Mr. Frank M. Gordon as Treasurer of the University, has reduced the premium on this bond from \$4.00 to \$2.50 a thousand, effective March 11, 1037, the date of renewal of the present bond. This represents a

reduction of \$750 a year in the premium.

The members of the Finance Committee have approved the renewal of the bond with this Company on the reduced premium basis.

On motion of Mr. Mayer, this action was confirmed, and the bond of the Treasurer was accepted.

#### INSTALLATION OF EQUIPMENT IN NEW MEDICAL BUILDING

On motion of Mrs. Plumb, the Committee on Chicago Departments and Mr. Havens were authorized to confer with the existing contractors on the imperative need to install equipment in the new Medical Building and to secure further information on the cost.

#### REPORT OF CONTRACTS AND PURCHASE ORDERS

(29) The following report from the Comptroller of contracts and purchase orders executed since the last report:

#### CONTRACTS EXECUTED BY THE COMPTROLLER May 8, 1937, to June 4, 1937

Cooperative investigation authorized by Board of Trustees in meeting of May 13, 1937 (Minutes, page 262):

		received by the	•
With whom	For	University	Date
Chicago Vitreous Enamel	Investigation of	\$3,500 per year for	May 17, 1937
Product Company	enamel frits	two years	

Renewal of cooperative agreement originally authorized by Board of Trustees in meeting of July 11, 1934 (Minutes, page 4):

With whom American Dry Milk Institute For

Investigation to study the utilization by animals of the calcium of whole milk and of liquid and dried skim milk, and their values as sources of calcium in the diet in comparison with other high calcium foods.

Amount to be received by the University Date \$4,200 May 11, 1937

Agreement executed under general regulations of Board of Trustees:

Amount to be paid by the University

With whom
Illinois Bell
Telephone Co.

For Rental of two program supply circuits for Radio Station WILL University Date \$32.30 per month April 19, 1937

This report was received for record.

#### MATTERS PRESENTED BY PRESIDENT WILLARD

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

#### PROPOSED INCREASE IN STUDENT FEES

(30) The Board has under consideration a proposal to increase student fees and particularly the fees charged non-State students until this meeting. A standing faculty Committee on Fees and Scholarships, which has considered and made reports on such proposals in previous years, was asked to consider this proposal, and it has submitted the following recommendations:

I. No further increase in the resident fee at the present time.

2. No further increase in the non-resident fee at the present time but that if, in the judgment of the Board, such an increase is imperative, it do not exceed \$25 a year.

On motion of Mr. Cleary, the President of the University was requested to recommend appropriate fees to be paid by students who are not residents of Illinois registered in the Colleges of Medicine, Dentistry, Pharmacy, and Law, and the Graduate School, based on a contemplated fee of \$125 a semester for non-resident students in the undergraduate colleges. The President was asked also to estimate the financial effect of such an increase in fees.

#### SECRETARY'S REPORT OF CONTRACTS

(31) The Secretary reports the following contract executed by the President and the Secretary of the Board and deposited with the Secretary since the last report.

Name Pacific Flush Tank Co. Date Amount
May 14, 1937 \$4,000

Purpose
Assignment of patents No.
1,838,474, and No. 1,838,475
for Sewage Treatment.

This report was received for record.

# SALE OF BUSWELL PATENTS TO PACIFIC FLUSH TANK COMPANY

(32) In accordance with the authorization of the Board the Buswell patents covering a sewage treatment process have been sold to the Pacific Flush Tank Company for the sum of \$4,000. This has been placed in a separate reserve fund pending any decision which may be made by the Board for any specific use for it.

On motion of Mr. Mayer, this matter was referred to the faculty committee on patents for consideration and recommendation to the Board committee.

#### PROPERTY ON JOHN STREET

(33) The Director of the Physical Plant Department reports that the property on John Street immediately west of the present Illinois Union Building is for sale at a price of \$5,500. It is a desirable piece of property for the University to acquire and the price is low, but it appears unlikely that the University will have any funds to spare for this purpose.

No action was taken on this matter.

#### STATE NATURAL RESOURCES BUILDING

(34) A report that the Director of the State Department of Registration and Education was notified by letter (May 17, 1937) of the action of the Board on May 13, relative to the proposed State appropriation for a Natural Resources Building to be located on the grounds of the University at Urbana.

This report was received for record.

#### OFFER OF PASTEUR MONUMENT TO UNIVERSITY

(35) The Chicago Park District Commissioners have offered the College of Medicine a Pasteur monument which now stands in Grant Park west of the Field Museum, on condition that the University assume the expense of moving it. A faculty Committee on Works of Art, which advises the President of offers to the University of art objects, has recommended the acquisition of this statue by the University if it is at all possible. The monument was erected in 1928 at a cost of about \$80,000 from the designs of Leon Hermand, sculptor, and Edwin H. Bennett, architect.

The Director of the Physical Plant Department estimates that it will cost at least \$4,500 to move this piece from its present location to the College of Medicine and to install it on a suitable foundation. Since no funds are available for this purpose, the University is not in a position to accept the offer, but before it is declined the matter is being brought to the attention of the Board

for its advice.

On motion of Mr. Cleary, this gift was accepted with thanks.

#### DEMOLITION OF OLD MEDICAL AND DENTAL BUILDING

(36) The Director of the Physical Plant Department reports that estimates he has secured of the cost of razing the old College of Medicine Building (now used by the Goodwill Industries) and of the old Dental Building, indicate that this will be a minimum of \$2,000 for the Medical Building and approximately \$1,000 for the Dental Building.

He recommends that in view of the present status of the budget and the shortage of funds for other work, no funds be expended on razing these build-

ings for the present.

No action was taken on this matter.

## UNIFORMS AND ACCESSORIES FOR ADVANCED-COURSE R.O.T.C. STUDENTS

(37) The Comptroller, the Purchasing Agent, and the Professor of Military Science and Tactics recommend the award of a contract to the Associated Military Stores of Chicago for uniforms and accessories for advanced-course students in the R.O.T.C. for the year 1937-1938 (approximately 250 sets), including Blouse—16 oz. Whipcord

Cap—16 oz. Whipcord

Blouse—16 oz. Whipcord Cap—16 oz. Whipcord Breeches—22 oz. Cavalry Twill Belt—Sam Browne—8 oz. Cowhide Belt—Web Sabre Chain Tie

at a price of \$36, which is the Government's allowance for such uniforms. This is the same equipment which was furnished at this price last year except that the shirt which was listed at \$1.25 has been omitted due to the increased cost of

other equipment. Competitive bids have not been secured, but the award of this contract to the Associated Military Stores of Chicago is recommended for the following reasons:

1. The uniform they have furnished has been very satisfactory as to materials, workmanship, and fit, and they have rendered excellent service in taking

measurements and making deliveries.

2. In view of present market conditions it does not seem probable that competitive bidding would result in obtaining a better uniform at the price.

3. This company was awarded the contract in 1935 as a result of competitive bidding.

On motion of Mr. Mayer, the Comptroller was instructed to take bids on this equipment.

### MEMBERSHIP IN HOSPITAL ASSOCIATION AND STUDENT FEE FOR MEDICAL AND HOSPITAL SERVICES

(38) On March 9 the Board of Trustees referred to its Committee on General Policy, and to a special faculty committee to be appointed for that purpose, a proposal from the Student Senate of the University that all undergraduate students be required to pay a hospital or health fee which would entitle them to free hospital service and medical attention.

The faculty committee has submitted a preliminary report which was transmitted to the Committee on General Policy, and a copy of which is being given to the Secretary of the Board for record. In this report the Committee submits

the following preliminary suggestions:

1. No substantial improvement in the Hospital service to students can be expected until present hospital facilities are increased. The University should look forward to a compulsory fee plan in the near future, and an increased capacity in McKinley Hospital amounting to fifty beds concurrently with the adoption of a compulsory fee plan, to be increased later to one hundred beds.

2. Though some members of the Committee believe plans (a) and (b) to

2. Though some members of the Committee believe plans (a) and (b) to be fundamentally sound and more likely to meet the needs of the students at a reasonable cost, plan (c) seems more practicable and offers better prospect of immediate adoption. All factors considered, therefore, the Committee is inclined to approve plan (c), with adequate safeguards, provided it is approved by the local medical society and provided upon expert advice the plan seems to be actuarily sound.

3. A compulsory annual fee in the sum of \$10.00 should become an essential part of the Hospital service plan; and a summer session fee of \$2.50 should be

collected from each student.

4. The services available for this fee should embrace complete hospitalization and usual medical care for a period not to exceed 28 days per semester (excluding, however, extra and unusual services).

5. Eventually a competent psychiatrist should be added to the staff.

This report was received for record and for the information of the Committee on General Policy.

#### DORMITORIES FOR MEN

(39) On March 9 the Board referred to its Committee on Student Welfare and to a special committee of the faculty to be appointed for that purpose a report on housing conditions for men students and a request that the University build dormitories, submitted by the Men's Independent District Association, an undergraduate body representative of the non-fraternity men.

The special faculty committee has submitted a report, copies of which were sent to the members of the Committee on Student Welfare and a copy of which is being submitted to the Secretary of the Board for record. Briefly summarized

the committee's report and recommendations are:

1. The report of the Men's Independent District Association on student

housing is a fair and true presentation of the situation.

2. The committee does not recommend that the University proceed with the proposed low-cost housing project in the West Side of the Stadium at this time because—

- A. Such type of project should not be an initial step in a dormitory program. B. This type of housing might impair the future of the dormitory program by placing it in a bad light with students and faculty.

C. It might be subject to public criticism.

D. The initial cost would be prohibitive.

E. The distance of the Stadium from the campus.

F. The price which would have to be charged for the accommodations.

3. The committee is unanimous in its opinion that the University should start on a program of dormitory facilities for men as soon as possible—a long-term program looking toward a series of units to be constructed according to term program looking toward a series of units to be constructed according to the demand for such facilities and resources for financing them.

4. The committee further unanimously recommends that the University establish an approved list of houses for men; that contracts be provided by the University to be used by house mothers and students in such houses only, and that the University insist upon enforcing the contracts only in approved houses. As a practical measure it may not be possible to establish such an approved list for the year 1937-1938 because due to the anticipated increase in enrollment probably every available room, good or bad, will be required.

5. The committee suggests that details in its recommendations will need further study and consideration, and awaits further instructions.

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

#### APPOINTMENTS MADE BY THE PRESIDENT

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

Hoover, William Farrin, to give instruction in Geology, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of two hundred fifty dollars (\$250) for the session. (June 2, 1937)

Jameson, Inez, Stenographer in the Department of Agricultural Engineering, in the Extension Service in Agriculture and Home Economics, for three months beginning June 1, 1937, at a cash compensation at the rate of eighty-five dollars

(\$85) a month. (June 3, 1937)
Watson, Richard Elvis, to give instruction in Physics, on one-half time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (June 2, 1937)

#### RESIGNATIONS AND DECLINATIONS

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

Beiler, A. C., to give instruction in Physics, in the Summer Session of 1937 -resignation effective June 21, 1937.

Burton, Charles J., Scholar in Physics-resignation effective September I,

Cagle, Fred Ray, Scholar in Zoology—declination effective September 1, 1937. Cromer, Stuart P., Assistant Superintendent of the Dispensary in the Col-

lege of Medicine—resignation effective July 15, 1937. Dizikes, Jim, Scholar in Dairy Husbandry—declination effective September

Flanders, Dwight P., Fellow in Economics—resignation effective September

Gardner, J. W., to give instruction in Geology, in the Summer Session of 1937—resignation effective June 21, 1937.

Getz, Mrs. Carol Crabbs, Stenographer in the Department of Chemistryresignation effective July 1, 1937.

The date in parenthesis is the date on which the appointment was made by the President of the University.

Howell, Kenneth Lyle, Assistant in Pharmacy-resignation effective June 1,

Leppla, Mrs. Martha Bond, Cataloger in the Chicago Medical and Dental Library—resignation effective May 31, 1937.

Richards, Gordon V., Scholar in Civil Engineering—declination effective

September I, 1937.
Rosenberg, Albert A., Scholar in Mechanical Engineering—declination effective September I, 1937.

The Board adjourned, to meet on the call of the President.

H. E. Cunningham Secretary O. M. KARRAKER President