

THE UNIVERSITY OF KENTUCKY PRESS BULLETIN

PUBLISHED BI-WEEKLY BY THE UNIVERSITY OF KENTUCKY.

Entered as second class matter at the post office at Lexington, Ky.

February 15, 1919

LEXINGTON, KENTUCKY

Vol. II. No. 3

LEADING SPEAKERS ON PROGRAM OF HIGHWAY ENGINEERING COURSE

The program for the fifth annual short course in highway engineering to be given at the University of Kentucky, February 24-28, has the following interesting features:

MONDAY, FEBRUARY 24TH
Morning
8-10 A. M. Registration. Civil Engineering Building.
10:00 A. M. Opening Address—President McVey, President of the University of Kentucky.
Response—W. H. Edwards, County Road Engineer, Woodford County.
"Object of the Meeting"—D. V. Terrell, Professor of Civil Engineering.
Afternoon—1:30
Topic—"The Outlook for Road Building in 1919"
For the Eastern Section—Fred Geslinz, County Road Engineer, Boyd County.
For the Central Section—R. P. DuValle, County Road Engineer, Franklin County.
For the Western Section—A. P. Woody, Mayfield, Ky.
Discussion—The representative from any county may at this time outline the work that he expects to do in 1919.
Topic—"What Kentucky Should do in Road Work in 1919"—Rodman Wiley, Commissioner of Public Roads, Fayette County.
Topic—"Road Surveying"—F. G. Phillips, Division Engineer, Frankfort, Ky.
Discussion—F. E. Kerzenknebe, County Road Engineer, Fayette County; R. C. Griffin, County Road Engineer, Hopkins County; J. M. Flanagan, Department of Public Roads, Louisville, Ky.
Topic—"Grade Crossings with Railroads. Their Treatment from an Engineering Point of View"—R. B. Smith, Division Engineer, Frankfort, Ky.
Discussion—C. B. Arnold, County Road Engineer, Boyle County; B. F. Bedford, County Road Engineer, Bourbon County; H. C. Fields, County Road Engineer, Whitley County.

TUESDAY, FEBRUARY 25TH
Morning—8:30
Topic—"The Earth Road. Construction and Maintenance"—T. Smith, Division Engineer, Frankfort, Ky.
Discussion—R. C. Griffin, County Road Engineer, Hopkins County; Hollis Ford, Sedalia, Ky.; P. W. Friel, County Road Engineer, Boone County; W. B. Fields, County Road Engineer, Marshall County.
Topic—"Culverts and Small Bridges. The Proper Method of Mixing Concrete by Hand and Machine. Form Building."—C. D. Snead, Bridge Engineer, Department of Public Roads.
Discussion—A. P. Woody, County Road Engineer, Graves County; D. R. Poindecker, County Road Engineer, Harrison County; R. C. Griffin, County Road Engineer, Martin County.
Topic—"The Relation of Specifications to the Work"—M. D. Ross, Division Engineer, Frankfort, Ky.
"College of Engineering"—Dean F. Paul Anderson.
Address—Governor A. O. Stanley. Subject: "It is Our Patriotic Duty to Build Roads."

Afternoon—1:30
Topic—"Proper System of Accounting Regarding Road Work"—L. O. Taylor, Chief Clerk, Department of Public Roads.
Discussion—Herman W. Taylor, Assistant Engineer, Department of Public Roads, County Road Engineer, Hartwood County.
Topic—"Bridge Painting and Maintenance"—C. D. Snead, Bridge Engineer, Department of Public Roads.
Discussion—R. M. Scott, County Road Engineer, Greenup County; W. B. Crouch, County Road Engineer, Gallatin County.
Topic—"Gravel Roads. Construction and Maintenance"—Fred Geslinz, Division Engineer, Frankfort, Ky.
Discussion—J. R. Thomson, County Road Engineer, McCracken County; J. W. Spurrier, County Road Engineer, Norton County; Andy Jones, County Road Engineer, Bath County; M. C. Chamblin, County Road Engineer, Anderson County.
Topic—"Proper Method of Spreading Stone"—W. P. Paynter, Division Engineer, Frankfort, Ky.
Discussion—W. H. Beverly, County Road Engineer, Grant County; J. E. Robertson, County Road Engineer, Shelby County.
Topic—"How Our Present System of Macadam and Gravel Roads may be Saved by Proper Maintenance"—B. C. Heath, Road Engineer, Department of Public Roads.
Discussion—W. H. Edwards, County Road Engineer, Woodford County; J. E. Robertson, County Road Engineer, Shelby County; J. E. Ratcliff, County Road Engineer, Campbell County.
Address—Dr. Frank McVey, President, University of Kentucky. Subject: "The Economic Value of Roads."

Afternoon—1:30
Topic—"The Proper Method of Resurfacing an Old Macadam Road Filled with Ruts and Holes"—W. N. Boster, Division Engineer, Frankfort, Ky.

Discussion—J. W. Crow, County Road Engineer, Allen County; J. H. Dillman, County Road Engineer, Christian County; J. Frank Grimes, County Road Engineer, Mercer County; L. Hartman, County Road Engineer, Trimble County.
Topic—"Proper Method of Patching Old Macadam"—Jack Galbreath, Division Engineer, Frankfort, Ky.
Discussion—R. P. DuValle, County Road Engineer, Franklin County.
Topic—"The Twenty Cent Road Tax"—L. D. Hollingsworth, Division Engineer, Frankfort, Ky.
Topic—"Mistakes in Road Work"—Rodman Wiley, Commissioner of Public Roads.
Note: Use the Question Box.

THURSDAY, FEBRUARY 27TH
Morning—8:30
Topic—"The Parole System of Maintenance"—H. E. Reed, Division Engineer, Frankfort, Ky.
Discussion—By any County Official that has had the system in operation.
Topic—"Concrete Roads"—C. D. Franks, District Engineer, Portland Cement Association.
Discussion—M. D. Ross, Division Engineer; E. O. Mills, County Road Engineer, Kenton County; F. E. Kerzenknebe, County Road Engineer, Fayette County.
Topic—"The Roads of France"—Sergeant Shirley Cunniff, Former Division Engineer, State Road Department.
Topic—"County Road Machinery"—J. R. Johnson, Division Engineer, Frankfort, Ky.
Afternoon—1:30
Topic—"Relation of Traffic to the Type of Road"—Hush Crozer, Division Engineer, Frankfort, Ky.
Discussion—W. B. Paynter, Division Engineer, Frankfort, Ky.
Topic—"Resurfacing with Asphalt Concrete"—C. R. Carey, President Carey Reed Co., Lexington, Ky.
Discussion—"The Proper Relation Between the State Highway Department and the County Highway Department"
For the Engineer, Department of Public Roads.
For the Counties—W. H. Edwards, County Road Engineer, Woodford County.
Discussion—Otho Hayden, Jr., County Road Engineer, Simpson County; M. E. Bunch, County Road Engineer, Butler County; W. S. Ganning, County Road Engineer, Henderson County.
Topic—"The Need of a State Highway System"—D. V. Terrell, Professor of Civil Engineering.

FRIDAY, FEBRUARY 28TH
Morning—8:30
Topic—"Rock Asphalt Surfacing"—W. N. Boster, Division Engineer, Frankfort, Ky.
Discussion—"R." W. Davis, Louisville, Ky.
Topic—"Production and Use of Tarvia for Road Building"—C. W. Collins, Chicago, Ill.
Topic—"The Organization of a County Highway Department"—Merrill Drake, County Road Engineer, Jefferson County.
Discussion—M. H. Cain, County Road Engineer, Carlisle County; J. L. Booth, County Road Engineer, Carroll County.
Topic—"Day Labor and Force Account vs. Contract, Unit Price and Cost Plus"—J. E. Webber, Division Engineer, Frankfort, Ky.
Discussion—M. C. Crey, County Road Engineer, Wayne County.
Afternoon—1:30
Inspection of roads and streets in the city of Lexington and Fayette county led by F. E. Kerzenknebe, County Road Engineer, Fayette County.

All meetings will be held in the Civil Engineering Building, University of Kentucky. No fee will be charged. All lectures will be open and the public is invited.
Fully equipped laboratories for the testing of rock, sand, cement, brick, asphalt and road oils have been installed and work will be in progress in these laboratories every afternoon.

INFORMATION ON HEROES OF UNIVERSITY ASKED

President McVey and Chairman R. C. Stoll of the Executive Committee have been requested to procure the names of men, students or alumni, of the University who lost their lives in the Great War or Spanish American War, in order that the memorial tablet be erected by the University may be complete. Preliminary inquiries have been made by the committee, and friends or relatives of fallen heroes possessing facts concerning their sacrifice will confer a favor on the committee by sending their statements to the registrar of the University.

CROUSE IN CHARGE OF COURSE IN METALLURGY

To equip young men for careers of usefulness and activity in iron and steel centers the course in Metallurgy and Assaying at the University of Kentucky has been enlarged and will be offered the second semester in its broader field. Professor C. S. Crouse will take charge of the work next term in this new branch.
The University desires to introduce more progressive and vigorous methods into the course and Professor Crouse is devoting the time before the opening of the next semester to arranging the laboratory and equipment.

Professor Crouse was graduated from the Minnesota School of Mines in the class of 1911. He was three years assistant state mining engineer on the Minnesota Iron Ranges and three months with the Cananea Consolidated Copper Company, of Cananea, Sonora, Mexico, where he revised the system of keeping engineering records. He left there when the revolutionary forces compelled the operators to close the mines. He has also been with C. A. P. Turner, consulting engineer of Minneapolis, Minnesota, on estimate and design of reinforced concrete and with the Ray Consolidated Copper Company of Ray, Arizona, as engineer in charge of underground transit work and contracts at their largest mine. He spent six weeks in the early part of 1918 at the army school of intensive training for engineers of tests at Carnegie Institute of Technology, Pittsburgh. While there Professor Crouse had post-graduate in metallurgy, metallography and pyrometry, specializing in heat treatment of steels. He afterwards studied at various plants, including that of the Bethlehem Steel Company and the ordnance department of the Symington-Anderson Company, Rochester, N. Y., put him in charge of heat treatment of major forging for 75 millimeter cannon and of the pyrometrical equipment.

MISS CRANE LEAVES; MISS BERKELEY SUCCEEDS

Miss Adelaide E. Crane, House Director of Patterson Hall since September, 1917, left January 22 for Washington, D. C., where she will take a course of instruction in social service work in preparation for her work as a member of the commission which the American Committee for Assyrian and Armenian Relief is to send to Turkey to assist in carrying on relief work among war sufferers in that country. Miss Crane expects to sail in a few weeks for Constantinople.
The transport on which Miss Crane will sail, will be furnished by the Navy Department probably in February. About three hundred workers, including nurses and teachers, will sail on the transport. The food administration will furnish food from a Mediterranean base, so that the cargo capacity of the ship may be used in carrying motor trucks, clothing, agricultural machinery and other supplies to increase food production in the stricken countries.
Miss Crane is classed as a social worker and will probably find service in an Armenian orphanage.
Miss Crane is succeeded as director of Patterson Hall by Miss Dora Berkeley, of Lexington, who assumed her duties in this capacity January 23.
Miss Berkeley was appointed by President McVey on the recommendation of the board of supervisors of Patterson Hall, and is well equipped for the work.

JAMES SPEED AGRICULTURAL EDITOR

James Speed, Editor of Farm and Family, Louisville, has been appointed editor for the College of Agriculture, University of Kentucky, in the service of the Extension and Experiment Station lists.

TEACHERS' INSURANCE PLAN IS PRESENTED

At the meeting of the Executive Committee of the Board of Trustees of the University of Kentucky, President McVey presented a brief statement of the plans of the Teachers' Insurance and Annuity Association of America, indicating that the following provisions are made for three methods of insurance and annuities for teachers: (a) plan by which the teacher pays the premium; (b) plan by which the premiums are paid partly by the teacher and partly by the institution and (c) plan by which the institution pays the premium.
President McVey said that he would like to see some arrangement by which perhaps the University might arrange to carry a system in part for its teachers. The question will be considered by the committee at another time.

ORGANIC EVOLUTION COURSE TO BE OPENED

A new all-science elective two-hour course in organic evolution will be given at the University of Kentucky during the spring semester. The lectures will be given on Tuesday and Thursday in room 203, Science Hall, each one lasting two hours. They will be given in the following sequence:

- I. Introduction and History of Evolution
1. Feb. 25, 1919, Introductory Outline. Professor Miller
2. Feb. 27, 1919, Introductory Outline. Professor Miller
3. Mar. 4, 1919, History of Evolutionary Thought. Professor Miller
4. Mar. 6, 1919, History of Evolutionary Thought. Professor Miller
5. Mar. 11, 1919, Cosmic Evolution. Professor Jilson
6. Mar. 13, 1919, The Origin of Life. Professor Jilson
II. Evidences of Evolution
7. Mar. 18, 1919, Invertebrate Paleontology. Professor Miller
8. Mar. 20, 1919, Invertebrate Paleontology. Professor Miller
9. Mar. 25, 1919, Paleontology. Professor Shull
10. Mar. 27, 1919, Vertebrate Paleontology. Professor Jilson
11. Apr. 1, 1919, Fossil Fishes, Amphibians. Professor Jilson
12. Apr. 3, 1919, Fossil Reptiles. Professor Jilson
13. Apr. 8, 1919, Fossil Birds. Professor Jilson
14. Apr. 10, 1919, Fossil Mammals. Professor Jilson
15. Apr. 15, 1919, Geographical Distribution Animals. Professor Jilson
16. April 17, 1919, Embryology and Comparative Anatomy. Professor Funkhouser
17. Apr. 22, 1919, Monkeys and Men. Professor Funkhouser
18. Apr. 24, 1919, Early Races of Men. Professor Miller
19. Apr. 29, 1919, Early Races of Men. Professor Miller

- III. Theories of Evolution
20. May 1, 1919, Natural Selection in Plants. Professor Shull
21. May 6, 1919, Natural Selection in Animals. Professor Funkhouser
22. May 8, 1919, Mimicry and Protection. Professor Funkhouser
23. May 13, 1919, Orthogenesis. Professor Funkhouser
24. May 15, 1919, Mutations. Professor Shull
25. May 20, 1919, Experimental Production Mutations. Professor Shull
26. May 22, 1919, Mutations and Orthogenesis. Professor Shull
27. May 27, 1919, Mendelism. Professor Shull
28. May 29, 1919, Other Theories of Evolution. Professor Funkhouser
IV. Application of Evolution
29. June 3, 1919, Genetics. Professor Shull
30. June 5, 1919, Eugenics. Professor Funkhouser
Final Examination

UNIVERSITY ASKS FOR GERMAN TROPHY CANNON

President McVey, of the University of Kentucky, has been authorized by the Executive Committee to communicate with the Honorable J. C. Cantrell, representative of the Seventh District of Kentucky, J. C. W. Beckham, George B. Martin, senators from Kentucky, and the Secretary of War, requesting that one of the German cannon to be brought to the United States be presented to the University of Kentucky.

PROBLEMS CONFERENCE TO MEET AT UNIVERSITY

The State conference on Kentucky problems will be held at the University of Kentucky, March 4 and 5. The program arranged by President McVey and Judge E. W. Hines will present men and women of national prominence, among them: Dr. Ewood Mead, of the University of California, adviser to the Department of the Interior; Gov. Henry J. Allen, of Kansas; Miss C. O. Williams, of Memphis; J. E. Roger, field secretary of War and Camp Community Service; Dr. Henry E. Jackson, U. S. Bureau of Education; Surgeon L. L. Lunsden, of the U. S. Public Health Service. Other speakers will be Mrs. Cora Wilson Stewart, Fred M. Sackett, Rodman Wiley, Mrs. Lafon Riker, Dr. A. T. McCormack, J. Virgil Chapman, E. L. Harrison, Judge Hines, President McVey, Professor W. R. Jilson and Professor George Baker. Governor A. O. Stanley, Matt S. Cohen, V. O. Gilbert, Judge Hines and President McVey will preside at the sessions which will be held in the Administration building of the University.

UNIVERSITY TO ENTER BROADER EXTENSION WORK

The University of Kentucky on the recommendation of President McVey has entered into an agreement prepared by the Division of Educational Extension of the Department of the Interior proposing to co-operate with the University in the work of University Extension for the purpose of bringing the University more closely into touch with the people of the State and project its educational forces beyond the limits of the campus in order to interest all communities in higher education, public enterprise and self improvement.
In order to carry out this program the Department desires to establish an official relationship with Extension Division of state universities that have formally organized extension divisions or departments and are now ready to work out a plan of cooperation with state universities that have no formally organized extension divisions.
There is a possibility that if the work of this division proves worthy Congress will appropriate money to continue it after June 30, and such an appropriation may carry with it Federal aid for university extension, similar to that now given to land grant colleges for the cooperative extension service they render to the Department of Agriculture.

SUBJECTS ANNOUNCED FOR BENNETT PRIZE

Students of the University contesting for the Bennett prize of \$20 have been requested to have manuscripts in the hands of President McVey not later than May 1, 1919. The subjects assigned by the committee are: "Compulsory Military Service in the United States" and "The New German Revolution and Its Significance." All undergraduates are eligible to compete for the prize, which will be awarded in the chapel of the University in June.

REPRESENTATIVES CHOSEN FOR UNIVERSITY MEETING

In compliance with a request made by Judge E. W. Hines, John R. Downing, president of the Lexington Board of Commerce, has asked S. T. Harbison, Charles L. Thompson, J. E. Bassett, J. W. Porter, J. I. Hutcheson and W. P. Averitt to act as delegates to the State Conference on Kentucky Problems to be held at the University of Kentucky under the auspices of the Kentucky Council of Defense March 4 and 5. It is expected that 2,000 persons will be present at the meeting.