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# CAMPUS NOTES

## ARCHITECTURE AND ARCHITECTURAL ENGINEERING

Beginning with the school year of 1930-31 the department of architecture will abandon the present four-year courses, and five years of study will be required for the degree. Many American schools of architecture are already on this basis. Harvard, Columbia, Princeton, and California go so far as to require a Bachelor of Arts degree before granting the degree of Bachelor of Architecture.

A slight change has been made in the grading policy of the department here in that the grading among the higher drawings is more lenient and among the lower ones is rather more strict.

This month's cover was drawn by Dick Grant, Arch. 3. Dick received a Bachelor of Civil Engineering degree in 1925, and up to last fall was engaged in construction and design work. His classmates of '25 say that he always was interested in sketching and design, so it was not so much of a surprise when he came back last fall and enrolled in the department of architecture.

The Architects Club has decided to revive the custom of the Beaux Arts Ball this year. The officers of the club are: Fred Parris, president; John Severinghaus, vice-president; Elizabeth L. Munson, secretary and treasurer.

## CERAMIC ENGINEERING

At a recent meeting of the Student Branch of the American Ceramic Society, the following men were elected officers: President, Gilbert Soler; Vice-President, Glenn Bernard; Secretary-Treasurer, Ralston Russel; Representative to the Advisory Board of the Ohio State Engineer, Warren F. Copp; and Corresponding Secretary, Glenn A. Hutt.

The Ceramic Dept. office has moved downstairs into the offices formerly occupied by the College of Engineering office. Professor Watts has the Junior Dean's office, Professor Carruthers and King the southern part of Miss Glasgow's room, and the stenographer is in the Dean's former hide-out.

The engineering staff of the United States Gypsum Company in cooperation with the Student Branch of the American Ceramic Society presented a series of lectures and demonstrations on the manufacture and uses of Gypsum products, in Lord Hall January 15 and 16. Professor Arthur S. Watts, head of the Department of Ceramic Engineering, and Gilbert Soler, Cer.E. 4, chairman of the local branch of the society, were in charge of the meetings.

Four students, Arthur Drake, Walter Hayes, Stanley Leaver and Milton Waldschmidt, have been honored with membership in Keramos, honorary ceramic engineering fraternity.

Election into this society is based on four

points: scholarship, leadership, technical ability and personality.

Honorary memberships were awarded to Professor Robert M. King, associate professor of ceramic engineering, and Doctor George A. Bole, research professor and also president of the American Ceramic Society and general secretary of the Ohio Ceramic Industries Association.

Professors Arthur S. Watts and George A. Bole, of the department of ceramic engineering, were speakers at the third annual session of the All-Ohio Safety Congress held in Columbus January 14, 15, and 16, under the auspices of the Industrial Commission.

## DEAN McPHERSON BECOMES PRESIDENT OF THE AMERICAN CHEMICAL SOCIETY

William McPherson, dean of the Graduate School of Ohio State University, became president of the American Chemical Society on January 1 as a result of the Society's annual election. Dean McPherson will serve during 1930, succeeding Dr. Irving Langmuir.

Moses Gomberg, professor of chemistry in the University of Michigan, was chosen president for 1931. In accordance with a recent change in its constitution, the Society now elects each year a president and a president-elect, who serve in successive years.

Prof. McPherson was born in Xenia, Ohio, July 2, 1864. From Ohio State he received the degree of bachelor of science in 1887, and the master's degree in 1890. He took the Ph.D. at the University of Chicago in 1899. Ohio State conferred upon him the degree of doctor of science in 1895.

Professor McPherson has been a member of the Ohio State Chemistry Faculty since 1892, rising to a full professorship in 1897, and to the leadership of the Graduate School in 1911. He was acting president of the University in 1924.

He was a lieutenant-colonel in the Chemical Warfare Service during 1918-19, and was adviser to the Trench Warfare Section of the Ordnance Department. He is a fellow of the American Association for the Advancement of Science, and a member of the Deutsche Chemische Gesellschaft. He is the author of numerous textbooks on chemistry, and an extensive contributor to scientific publications.

Nineteen chemical engineering students participated in the annual inspection trip to Blissfield, Mich., and northwestern Ohio on Nov. 15.

## ELECTRICAL ENGINEERING

The first meeting of the American Institute of Electrical Engineers for this quarter was held in Pomerene Hall with William H. Alexander, director of the local branch of the United States Weather Bureau, as the speaker. The meeting was a dinner meeting.

Ten electrical engineering students, chosen from the highest fifth of the class, have been elected to membership in Eta Kappa Nu, honorary electrical engineering fraternity. They are: seniors, Emerson W. Garling, Lewistown; Aldo E. Crisante, Mingo Junction; V. Gilbert Sprague, New London; and Carl Bayer, Columbus; juniors, Roy J. Black, Cuyahoga Falls; Henry J. Chanon, Cleveland; Russel W. Steenrod, Maple Wood; Norman J. Hoenie, Rockford; James E. Thornton, Franklin; and Russel W. Patterson, Columbus.

Professor F. C. Caldwell has resigned as head of the department in order to spend more time in teaching and research, and is succeeded by Professor Erwin E. Dreese. Professor Dreese comes here from the Lincoln Electric Company where he has been chief engineer for the past four years. Prior to his association with this Cleveland company he taught at the University of Michigan, from which he had graduated in 1920.

#### OHIO STATE RADIO CLUB

Radio W8LT, the transmitting station of the O. S. R. C., has not been on the air as consistently as was desired, due to a breakdown in the power supply. Very good reports of the transmissions have been received this month from all the U. S. districts except the first and seventh. Only two foreign countries have reported this month. These were Spain and Australia. A very good report was received from Australian VK2LJ at Stanmore, New South Wales. Its contents, when translated from the radio lingo into readable English, are something like the following:

"Hello, Radio W8LT. Your station was heard by me and communicated with on Nov. 2, 1929, at 5:50 a. m., Columbus time. Readability was excellent and the signals were strong enough to be heard on the loud speaker. Your signals were the best of all the U. S. stations that I have heard for a long time."

Code classes are being continued on a more elaborate scale than heretofore. These classes are open without charge to anyone interested. Several of the men who have been in these code classes passed the government code tests with high marks.

On Dec. 13, a dinner meeting was held at Pomerene Hall. At this meeting the members of the Club joined in offering congratulations and best wishes to two of our men, "Pete" (C. A. Petry) and "Hizer" (C. A. Hiser) who were graduated last quarter.

#### A. I. E. E. HOLDS DINNER MEETING

The American Institute of Electrical Engineers held its first meeting of the quarter Thursday, January 9, at Pomerene Hall. Mr. Alexander, Ohio's "Weather Man," gave a very interesting illustrated lecture on the Weather Bureau and Weather Prediction. A large portion of the membership and a number of the faculty of the department were present.

Professor C. T. Morris attended the Cleveland division meeting of A.S.C.E. on January 16.

## CIVIL ENGINEERING

### A.S.C.E. DINNER MEETING

The combined meeting of the student branch of the American Society of Civil Engineers and the Columbus division was held at the Ohio Union, January 21. William C. Groeniger, noted British Engineer, gave an address on "Water Supply in the Holy Land." Mr. Groeniger was one of the engineers in charge of transporting water to the British Army during the conquest of the Holy Land. In order to supply water to the front line it was necessary to construct a pipe line 150 miles long and capable of delivering 500,000 gallons per day. This line transported water from the Nile River in Egypt under the Suez Canal, and overland to the British troops.

Several of the prominent engineers of the city were present at this meeting.

### A.S.C.E.

The seventy-seventh annual American Society of Civil Engineers meeting, held in New York City recently, was attended by Professor C. T. Morris. Perhaps the most important educational feature of the varied program was the boat excursion. Two of the most important features on this trip were the visiting of the Kill Van Kull Bridge and the Hudson River Bridge.

The Kill Van Kull Bridge has a single arch span of 1,675 feet and will cost approximately \$16,000,000. It connects Bayonne, N. J., to Port Richmond, Staten Island, and has a four-lane roadway which is so designed that it can be altered to accommodate three extra vehicular lanes.

The Hudson River Bridge, connecting Fort Lee, N. J., and Fort Washington, New York City, presents an inspiring spectacle of engineering construction. It is of the suspension type, the main span being 3,500 feet long, supported by four cables, the diameter of each being 36 inches. Each cable consists of 26,674 strands of wire with a specified strength of 220,000 pounds per square inch. The estimated cost of the initial stage is \$60,000,000.

At this meeting also honorary memberships were conferred on Mr. E. A. Fisher, Mr. Gustav Lindenthal, and Professor G. F. Swain.

The next convention will be held in Cleveland, Ohio, in July, 1931.

### OTHER NEWS ITEMS

The A.S.C.E. has won its first bowling game and, by the time this magazine goes to press, we hope to have entered a basketball game on the credit ledger. Then, we also have a rifle team entered in the intramural shoot.

### INDUSTRIAL ENGINEERING

The tower that was seen at the eastern end of the oval during homecoming week was erected by the Student Society of Industrial Engineers. It was an aerial beacon tower, loaned by the International Derrick and Equipment Co., and was 51 feet high. Eight tons of sand were placed on the base as ballast. The actual construction work was done by Fred Moran, Archie Dilley, Jack Sturtevant, and Harlan Cunningham.

(Continued on page 26)

## CAMPUS NOTES

(Continued from page 17)

Francis J. Markey, one of the I.E.'s big activity men, made five trips in one day to Baker's Art Gallery recently to have his picture taken with five different organizations. This probably constitutes a record of some kind.

Professor John Younger was elected vice-president of the Society of Automotive Engineers at the annual election of officers, January 10.

The Student Society of Industrial Engineers has elected M. Jackson Sturtevant, I.E. 4, to fill out the unexpired term of Howard W. Allison, I.E. 4, as the society's representative on the Engineers' Council. Allison is not in school this quarter.

The Department of Industrial Engineering is to have a new textbook written by Professor John Younger. This book is entitled *Work Routing* and is one of the few books on this new phase of engineering. The book is to be off the press by the middle of February and will be used by industrial engineering students in I.E. 701.

John A. Lane, '29, is one of 20 honor men from 15 leading colleges and universities in the United States who are members of Frigidaire Corporation's junior executive training group.

Four senior industrial engineering students, Durerler, Moran, Dugan, and Cunningham, are

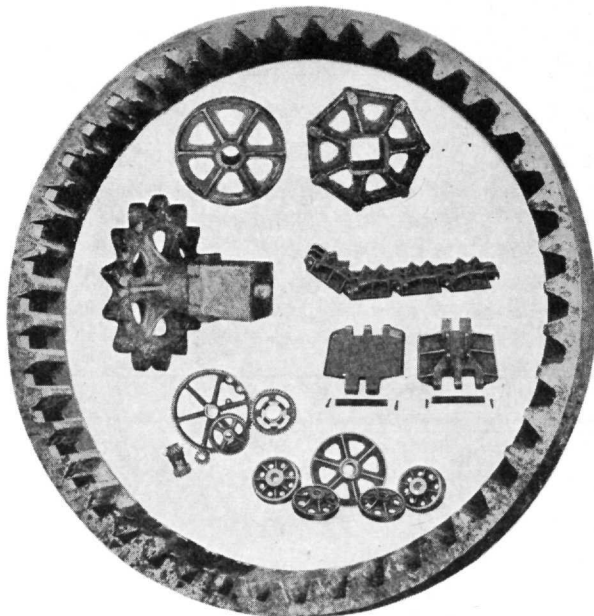
working on a plant layout and routing plan for a firm in Westerville.

The new lathes in the machine shop are being set up by Mr. Morrison's millwrighting classes.

The Student Society of Industrial Engineers is starting out for a big quarter of activity. A business meeting was held to discuss the society's plans and program. The membership now numbers eighty-seven men. Several prominent engineers have been secured as speakers for this quarter's meetings, and all interested in "Human Engineering" are welcome to attend these meetings.

Caleb Osborn, C.E. 4, was awarded the loving cup which is annually presented by the Clark County alumni to the most outstanding student from their county.

On the first night of finals, Wednesday, December 18, the lights in a certain section of town went out. This in itself would be of little concern were it not for the fact that a number of streets near the campus were affected. To have the lights go out during final week is a catastrophe of the major order, so in one house at least, and doubtless in many others, candle light was substituted for the more brilliant electric light. When the lights went out at the Triangle Fraternity house, Sam Carpenter, C.E. 4, rushed out to a drug store and bought 15 big candles. Maybe that's the reason he's such a bright student.



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