

**The Knowledge Bank at The Ohio State University**  
**Ohio State Engineer**

**Title:** Campus Notes

**Issue Date:** Apr-1931

**Publisher:** Ohio State University, College of Engineering

**Citation:** Ohio State Engineer, vol. 14, no. 6 (April, 1931), 11, 22.

**URI:** <http://hdl.handle.net/1811/34792>

**Appears in Collections:** [Ohio State Engineer: Volume 14, no. 6 \(April, 1931\)](#)

## CAMPUS NOTES

A recent United States Department of Commerce Bulletin, "The Mineral Industry and the Young Engineers," by Scott Turner, Director of the Bureau of Mines, contains a great deal of sound advice and worth-while information for the graduating senior. After reading it over, we have come to the conclusion that one could write a dozen sermons and innumerable editorials on the ideas furnished in this invaluable publication.

Dean Hitchcock informs us that copies are available at the College of Engineering office for distribution among members of the senior class.

### CHIEF OF ENGINEERS SPEAKS

Major-General Lytle Brown, Chief of Engineers, United States Army, spoke at a combined meeting of the Student Branches of the American Society of Civil Engineers and the American Society of Mechanical Engineers held April 7, in Campbell Hall Auditorium. His talk covered the work of the Army Engineers, especially in the way of harbor and inland channel improvements, and was illustrated with numerous lantern slides.

In the large audience were quite a number of the Army personnel, both from the local R.O.T.C. unit as well as from the Fort Hayes post.

Dr. James R. Withrow, Miss Yun Hoo Feng, George Tinzalian, and Robert Kintner attended the meeting of the American Chemical Society held in Indianapolis the week of March 30. Miss Feng, Mr. Tinzalian, and Mr. Kintner, who are candidates for the Ph.D. degree this June, presented papers at this meeting.

Regular meetings have been held since the beginning of the quarter at which several interesting talks have been heard. Election of officers will take place the latter part of April.

Dr. Howard E. Fritz, '23, who is now chief engineer of the chemical engineering division of B. F. Goodrich Rubber Company, Akron, Ohio, delivered an address before a large number of engineering students, graduate students and members of the faculty recently. He spoke on "Rubber as an Engineering Material." Dr. Fritz was at one time an instructor in the chemical engineering department.

He impressed upon the students at the meeting the importance of learning subordination and ability to follow directions and proper methods of investigation.

### METALLURGICAL

Professor Demorest recently attended the meeting of the American Chemical Society held at Indianapolis, Indiana.

Mr. Henry Holz, head of Lord Fellowship, recently resigned this position to go to the Metallurgical Laboratories located in South Chicago, Illinois. Mr. Kirk, who was graduated from The Ohio State University the winter quarter of 1930 is to succeed Mr. Holz.

The members of the Prospectors Club recently saw a three reel film on "The Mechanization at Wild Wood Mine." This film was presented by J. H. Fielding, Jr., who is assistant to the president of the Butler Consolidated Coal Company.

### ARCHITECTURAL

Gilbert Coddington, a member of Tau Beta Pi, was awarded a scholarship for 1931-32.

Professor A. J. Fairbanks, professor of aeronautics, department of mechanical engineering, accompanied by two members of the Glider Club, visited the Detroit Air Show on Saturday, April 11. Professor Fairbanks reports that the present trend of the new models on display at the show is toward the light plane class. The new "air flivver," designed by Stout, recently advertised in the newspapers, was on display. A model of the autogyro was giving demonstrations at the Detroit airport. Professor Fairbanks stated that despite the contrary comment he had heard in regard to this type plane, he was quite impressed by the performance of the "flying windmill."

On the return trip from the show the group visited the aeronautical laboratories at the University of Detroit and the University of Michigan. The University of Detroit possesses a new wind tunnel capable of testing wing sections from four to six feet long. This is one of the largest in this section of the country.

### Industrials Turn to Dramatics

Professor John Younger recently attended a meeting in New York called by Mr. Sam Lewisohn at which the heads of industrial engineering departments of various universities discussed teaching methods. A novel plan which had been tried at Yale and which has since been tried here was described at the meeting. It is a dramatization of the different viewpoints between employer and employee.

The experiment was tried as an application in time study and the demonstration took place in an I. E. 603 class. Without being previously informed, two students were selected to put on the demonstration. One represented the time study man, the other, a very dissatisfied worker. The conversation between the two was totally extemporaneous and the ensuing discussion between them brought out the viewpoints of both factions.

Another experiment of similar nature was tried later. The "drama" was based on the idea that the manager of a plant had asked the personnel director to cut the force. Mr. Smith of the Timken Company represented the employer and a student took the part of the employee. After these dramatic sketches the class criticized the arguments put forth. Professor Younger says that the real value of the experiment lies in the fact that it tends to enable a man to rise and meet any condition not outlined in his text book.

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 CAMPUS NOTES

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## INDUSTRIAL INSPECTION TRIP

Under the leadership of Professor Younger and Mr. Lehoczky the industrial engineers went on their annual spring inspection trip during the spring vacation. This year the party went to Cleveland where a number of industrial plants were visited. Those visited were, The Lincoln Electric Co., National Acme Co., Fisher Body Co., Cleveland Twist Drill Co., Richmond Bros. Clothing Co., Ferro Foundry and Machine Co., Winton Gas Engine Co., Nela Park, White Motor Co., and three plants of the American Steel and Wire Co.

At the latter plant a special arrangement was made which enabled the group to see two Bessemer converters in operation. This was very unusual as it is very dangerous to view this process unless special provisions are made. At the Lincoln plant different types of arc-welding were demonstrated. The visit to the Ferro Foundry plant revealed a very highly conveyORIZED plant with excellent control of material and proper timing which are essential to the manufacture of certain products. At the White Motor plant various executives spoke of different phases of the work.

The last dinner meeting of the Student Society of Industrial Engineers to be held during the spring quarter was held Wednesday, April 15.

Allen McKnight, past president of the S.S.I.E., was awarded the prize for the most outstanding senior. He was also presented with the traditional gavel which is a token of the presidency of the organization.

The following men were initiated into Tau Beta Pi on April 8, 1931.

R. L. Schaefer	M. P. Buck
D. S. Renner	H. G. Bailey
C. L. Lucal	R. E. Smith
S. R. Rudin	C. R. Porthouse
H. F. Carroll	J. K. Campbell, Jr.
R. Russell, Jr.	T. W. Brooks
P. S. Johnston	H. W. Quigley
P. F. Lockett	C. D. Moehring
E. W. Earhart	G. H. Latimer

APRIL, 1931

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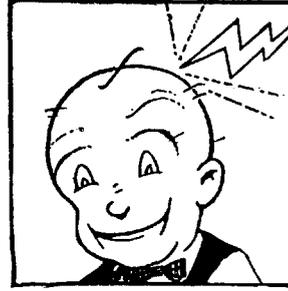
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