

## The Knowledge Bank at The Ohio State University

### Ohio State Engineer

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# DEPARTMENTS AND SOCIETIES

## ENGINEERS COUNCIL

At the meeting of the Engineers' Council, January 12, plans were made to present a series of motion pictures of technical interest to the engineering students.

Nominations were made for a representative to the Student Senate to replace William Campbell, who is not enrolled in school this quarter.

At the meeting of the council, January 19, Maurice Eddy, E.E.-3, was elected to represent the College of Engineering in the Student Senate.

Plans are being made for the annual Engineers' Roundup which will be held some time in the near future.

## S. S. I. E.

Mr. C. C. Pruitt, manager of the university branch of the Ohio National Bank, spoke to 54 industrial engineers at their first regular dinner meeting of the new year in Pomerene Hall. Mr. Pruitt's general topic was "Banking and Industry" which related specifically to the functions of the industrial engineer.

During the evening, Stephen Ginal, I.E.-3, rendered a few selections on his banjo.

The routine of business included the appointment of Dwight E. Hufford, I.E.-3, as vice-president to finish out the term of Loren Helser. Also, the I. E.'s are planning a dance to be held sometime in February. An announcement was made that the election of officers would be held at the second dinner meeting around the first of March.

Only one thing was sadly lacking in the meeting; due to the absence of Doc Lehoczky's accompaniment, Pete Morrison was unable to render his beloved "Sylvia."

## A. S. C. E.

A business meeting of the student chapter of the American Society of Civil Engineers was held January 14, at 5 p.m., in Brown Hall. Professor C. T. Morris gave a short explanation of the plans for the national convention of the Senior society which was held the following week in New York City. It was arranged for President John Morrison and George Sargent to attend. Professor Morris also attended.

The necessity of appointing an alternate to the Engineers Council was pointed out to the chapter. After some discussion, Joe Monanchi was appointed.

The question of whether or not to have a picture taken for the *Makio* was raised. After some deliberation, it was decided to follow the precedent of past years and have one made. The *A.S.C.E. News* came out at this meeting with the first issue of the new year. It contained articles by Robert McKee and Athletic Manager Dave Schurger. Civils were surprised and disappointed to note the absence of the usual wisecracks.

## DEPARTMENT OF ARCHITECTURE

W. A. Stowe and Frank Harrison, two senior architectural students, have collaborated with students of landscape architecture, sculpture, and painting in a solution of the annual collaborative competition sponsored by the alumni of the American Academy in Rome.

The purpose of the competition is to encourage students of painting, sculpture, architecture, and landscape architecture to participate in collaborative problems. A prize of \$200 will be awarded the team whose designs are rated highest.

The problem considered is the design of a private art museum, to be built on an artificial island on a lake in a magnificent estate. The architect will design the building, the landscape architect will plan the grounds about the museum, while the painter and sculptor will provide murals, mosaics, and architectural sculpture for the building, and fountains and figures for the grounds. The award will be made on the basis of a distinguished and harmonious presentation by a team rather than on the superior work of one individual.

During the latter part of February there will be an exhibition in Brown Hall of forty or fifty competitive drawings for the buildings of the World's Fair to be held in New York City in 1939.

Contracts for the design of the buildings were determined by a competition in which architects made designs of one of the buildings. The prize winning drawings and others will be shown. The designs are very modern.

## A. I. E. E.

The American Institute of Electrical Engineers invited the students to its meeting on January 14 which featured a demonstration and explanation of the "Fathometer." The meeting was held in the Chemistry auditorium due to the expectation of a large audience. The audience was large and was composed of student members of the A.I.E.E., the faculty of the department of electric engineering, part of the faculty of the department of physics, and the Columbus chapter of A.I.E.E.

The Fathometer is an instrument for measuring the depth of bodies of water in fathoms (a fathom is 6 feet), by transmitting a sound and intercepting the reflected sound (echo). The time required for the reflected sound to be intercepted determines the depth of the water. The instrument is so built that a neon tube arrangement instantly shows the depth of the water in fathoms, no calculations being necessary.

This demonstration was given by Mr. Dorsey of the U. S. Department of Commerce, Coastal Geodetic Survey. Mr. Dorsey has conducted coast geodetic surveys from Maine to Florida, Washington to California, and the island possessions. This survey consists of mak-

ing contour maps of the coast with the aid of the fathometer. Mr. Dorsey predicted that with accurate contour maps of the sea bottom, ships equipped with fathometers will be able to sail safely through fogs by "feeling" the bottom of the ocean.

Mr. W. R. Dumble discussed very interestingly the modern short story, which relieved the technical air which the meeting had developed.

## A. S. M. E.

Interesting reports were given by members of the American Society of Mechanical Engineers at the regular meeting, November 27.

Mr. Kiess told of his experience in the engineering and maintenance department of the Eastman Kodak Company at Rochester, New York. Mr. Hall explained some of the test work done on recently developed products in the General Motors research laboratory at Detroit, Michigan, with which he was connected this past summer. Mr. Peterson spoke of his work with the Dayton Tool Company and the East State Tool Company. Mr. Fox revealed, in his report on the state highway testing laboratory, something of what goes on behind the doors of The Ohio State University experiment station.

The speaker at the December 4 meeting was Professor Harry W. Vanneman, College of Law. By briefly outlining the organizational set-up of the courts, Professor Vanneman showed the engineer's relation to litigation and the practice of law.

Election of officers followed Professor Vanneman's talk. The new officers are: Chairman, Mr. Robbins; vice chairman, Mr. Daberko; secretary, Mr. Darrow; treasurer, Mr. Turner.

Mr. Robbins, the new chairman, presided at the meeting held January 8. Mr. Turner, athletic chairman, reported on the bowling teams and announced that A.S.M.E. volley ball and basketball teams would be formed.

## A. I. C. H. E.

The student branch of the American Institute of Chemical Engineers held a dinner meeting at Pomerene Hall on Thursday, December 3.

After the dinner Dean William D. Turnbull showed a number of interesting slides, which were made from photographs he had taken last summer on his trip through the west. These included pictures of the great natural parks of the west, and with Dean Turnbull's comments and explanations, provided a very enjoyable evening.

Before adjournment a number of business matters were discussed. It was decided that a smoker would be held on January 8, as an opening event for the winter quarter. Committees were appointed to work out the details.

## GLIDER CLUB

The Ohio State University Glider Club under the present plan will remain inactive with respect to actual gliding but during the winter quarter reconstruction will

begin in earnest. President Stowe stated that by the end of the winter quarter the secondary glider should be completely renovated. The club will then have three gliders, two primary and one secondary, at its disposal for spring. In addition to the practical work on the gliders, an educational program in charge of Victor Ketcham, Law-2, is planned.

Due to the resignation of William Hendrix, A-4, Robert Osborn, M.E.-2, was elected treasurer at the regular meeting held January 14, in Derby Hall. Plans were made for the purchasing of a new automobile for club use. Meetings will be held twice a month instead of once a week.

## NEW NAVY BIPLANE

The new silver, observation biplane hovering with ceiling zero over the wind tunnels in Robinson Laboratory is a veteran of the U. S. Navy, having been in service in the Naval Reserve Training Corps stationed at Detroit, Michigan.

The 1931 models, of which this is one, were recently replaced by later models. Through the efforts of Professor K. W. Stinson, department of mechanical engineering, this was lent to the University. To make way for the new, the familiar old yellow ship which for years has watched over engineers-to-be, slipped into its last landing and was dismantled and salvaged.

## MOVIES ON OUR CAMPUS

University Hall auditorium, the scene of many interesting plays and lectures, has been undergoing considerable changes during the last two weeks. Electrical and sound engineers have been installing machinery and altering the auditorium so that when done, Ohio State can boast of a very complete and modern projection and sound apparatus for exhibiting sound pictures.

The walls have been covered with material to deaden the sound, giving more depth of tone and a better quality, and preventing echoes. Two modern projection machines have been installed in a sound proof booth built in the balcony of the auditorium. The screen is set on the stage, and is constructed so that it can be easily removed and will not interfere with future stage productions.

Pictures of an entirely educational variety will be presented. Some will be those produced in Hollywood, others will come from large manufacturing companies to demonstrate the use of their products, and still others will come from educational institutions.

## QUADRANGLE JESTERS

The society, Quadrangle Jesters, has chosen CHARLIE'S AUNT as their spring play presentation. "Chief" Younger urges that all members of the College of Engineering interested in participating in the play should attend the regular meetings in the Industrial Engineering Building every Wednesday evening at seven o'clock.