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CAMPUS NOTES

THE ENGINEERS' ROUNDUP

That the Engineers' Roundup held in the Armory Friday, December 16, was a complete success, will be vouched for by everyone of the nearly one thousand engineers who were present at the affair. From the time the curtain rose on the first act of the evening, until it fell at eleven-thirty on a crowd of very tired engineers, everything went off with a snap and precision equaled only by the foremost productions of professional showdom.

The big show started with a boxing match, which, figuratively speaking, was a knockout, as Tex Rickard would have said. Music during the match was furnished by the 12-piece Engineers' orchestra which also played for the minstrel show. This show, especially engaged for the occasion, came direct from the isle of Madagascar, where it had just finished a twelve-month tour playing before the Crowned Heads of the South Seas. The intelligence displayed by the end men, Dingley and Ebrighto, and their knowledge of the cruelties and persecutions practiced by faculty members was rather surprising, albeit amusing. Their intelligence and intuition were exemplified by their unerring ability to pick certain professors from a large audience.

The faculty debate on the question: "Resolved, That final examinations shall be abolished for Engineers," was one of the features of the evening. The affirmative was ably supported by Prof. W. D. Turnbull of the Department of Engineering Drawing, whose arguments against "this antiquated custom which has wrought untold misery to generations of students" brought prolonged applause from the hundreds of students in sympathy with the movement to abolish exams. Prof. C. E. Sherman, in upholding the negative of this question, based his arguments principally on the necessity of the retention of examinations, "if the exams were abolished," argued Prof. Sherman, "Engineers would have absolutely nothing to do. Unlike Arts students, who have plenty to do, anyway, they would stagnate from inactivity." The decision of the judges, Dean Hitchcock, Profs. C. T. Morris, and H. C. Lord, was that exams would not be abolished, but the questions would be handed out ten days in advance.

Hot Dogs, Liquid Lightning, Cripple Creek, Paving Blocks and other refreshments were sold over the bar and the receipts therefrom used to help cover the expenses of the party. During the intermissions, the Jazz Engineers rendered some difficult compositions by the modern masters.

Taken all in all, the Roundup was a huge success, and showed conclusively what engineers can do, when once they get together. Not an engineer left there, but what had felt the influence of a stronger relationship and interdependence between the different branches of engineering, and a stronger spirit of co-operation. And this is the spirit which the Council would foster and encourage among engineers. It is hoped that the Engineers' Roundup will become an annual affair.

ARCHITECTS

On November 16, 1921, the Architects' Club was pleased to have former Professor Smith as speaker for the evening. His absence from the campus was very apparent from the large turnout which greeted him. The talk he gave on "Traveling as an Inspiration to Architects," was one which was greatly enjoyed by all who were present.

Mr. Adams of the Law Department, talked to the club on November 30th. He kept the audience intensely interested on various forms of law relative to the architect and the engineer. The meeting was well attended and the lecture was the kind which the club has long been wanting to hear.

SMOCK DAY

December 10th, was the day of big days in the department. In the morning, the Sophomores garbed in dazzling yellow smocks, were ushered to our famous Corinthian capital. Prof. Chubb gave a short talk on the traditions of the smock, and as a token of sincerity, each one was made to kiss the capital. The evening was celebrated in the customary manner by having a Smock Dance. The dance was held at the Elks' Country Club and the time enjoyed by all was symbolical of the spirit that prevails in the department.

MECHANICALS

The Student Branch of A. S. M. E. have recently held two well attended smokers at the Ohio Union. Prof. Marquis and Prof. Norman were the speakers at the occasions and both gave very interesting talks on engineering subjects. The society expects to hold smokers regularly every month during the second semester.

Mr. Beitler has taken Mr. Swigert's position on the laboratory instructional force of the department.

Prof. Carl Norman of the department, will deliver a lecture before the society of Automotive Engineers in Chicago during the holiday vacation. The subject of his talk will be "What Happens in a Gas Engine Cylinder" and will be based partly upon experimental work performed here by Prof. Norman and Charles Marvin of the Senior class.

Mr. Bright of the Senior class, will give an illustrated talk on the "Jones Underfeed Stoker" in the Auditorium early in January. Everyone is invited to hear this talk and it should be of especial interest to the members of the Junior class who are taking M. E. 103 and 104.

Miss Vera Fulton, the talented and popular child dancer, represented the mechanicals on the Roundup program December 16.

It is very probable that the electricals and mechanicals will combine their forces in staging the Engineers' Exhibit this year. Last year was the first attempt the mechanical engineers had made at putting on such an exhibition and they met with great success. The electrical show has been

an annual event of interest to the engineering students and the combination of the two should be a very successful undertaking.

CIVILS

The C. E. Club held a combined meeting and dinner at the Ohio Union for the November meeting of the club. After the dinner the club enjoyed a talk by Mr. E. G. Bradbury, County Sanitary Engineer of Franklin County. An orchestra and quartet furnished the musical part of the program. The meeting was well attended by both the faculty and students.

The new column testing machine which was originally intended to be housed in the extension to Brown Hall, has arrived and will be temporarily housed in a wooden building during the winter.

This is perhaps the most important single piece of laboratory apparatus received at the University. Owing to the fact that it will take a building more than two stories high to contain it, and due to lack of appropriation for a wing on Brown Hall, it has been decided to house it in a separate building, which is to be the nucleus of a new engineering experiment building at the University. A complete highway materials testing laboratory may also be added to the building later, when funds become available.

The Civils won the indoor baseball championship in their league. They lost to the Ceramics, the runners-up for the University championship in the finals. They received second place in soccer, losing 2 to 1 in a third period game with the Ags. The Civils have two basketball teams entered.

Prof. F. H. Eno of the department, has been made a member of the new Planning Committee of the city of Columbus, provided for by the city council during the past year. Mayor Thomas is chairman; Director of Public Service Duffy, secretary; the other three members being Mr. Frank Packard, architect; Mr. J. E. McChreu and Prof. Eno, who is chairman on a sub-committee on thoroughfares.

The board of Engineers on Rivers and Harbors of the United States Army, will hold a hearing at Columbus on January 23, as to the merits of the proposed water way connecting Lake Erie with the Ohio River, known as Route 3 through central Ohio. This route is a proposed slack water river route across the state, using the channels of the Sandusky and Scioto rivers throughout most of their length, connecting these by a nine-mile summit-level cut across the divide near Marion. The Chamber of Commerce has delegated Prof. C. E. Sherman, head of the C. E. Department, to prepare the material for this hearing and he has employed a staff of assistants during the holidays to aid in getting the exhibits ready. At the hearing it is expected that representatives of all the cities along the route from Detroit, Mich., to Charleston, W. Va., will be present.

Col. Edward Orton, former Dean of the Engineering College, and now President of the Columbus Chamber of Commerce, has appointed Prof. C. E. Sherman to head a committee of 15 prominent Columbus citizens to make an extensive study of city traffic problems expected to develop in the

near future. Included in this problem are the questions of a new passenger terminal for the city, transportation to the stadium, exploration of the franchises of the Columbus Railway, Power and Light Company, the future possible bus lines, thoroughfares, and future automobile traffic. Professors Sherman, Hoagland, and Eno are members of the committee from the University. Numerous theses made during the past few years in the department of Civil Engineering on various city transportation problems are proving of great assistance to the committee.

ELECTRICALS

The Freshman party will be held at Robinson, January 7, 1922. This is for the benefit of all Freshmen Electricals.

Next semester the facilities of the department will be taxed to the limit due to the fact that there will be twice as many Juniors as of any previous class. In view of this fact Prof. Caldwell will not teach Transmission but will spend all his time with the Junior Alternating Current work. Mr. Puckstein will teach the Transmission course. Prof. Wright will also have a class in Direct Current.

Prof. Caldwell, head of the Electrical Engineering Department, is a member of the Council of the Illuminating Engineering Society and in this capacity has had to make several trips to New York City to attend meetings of the Council. He is also Chairman of the Educational Committee of the same society. Prof. Caldwell is also a Contributing Editor to the E. M. F. an encyclopedia, dictionary, and trade directory of the Electrical Industry. His topics were transformers, converters, and rectifiers.

The following students were honored by being elected to membership in Eta Kappa Nu Honorary Electrical Engineering Fraternity: Seniors R. S. Sheely, C. J. Linxwieler, and A. W. Wise; Juniors Wimbigler, Cissna, Kellog.

R. H. Wood, Senior, was leading in the "Constant Lover" one of the Christmas plays given by Strollers.

The Seniors are busy on their theses. They have to spend three hours a week on it the first semester and fifteen hours a week the second semester. Some interesting subjects have been chosen by the men for their theses.

MINING AND METALLURGY

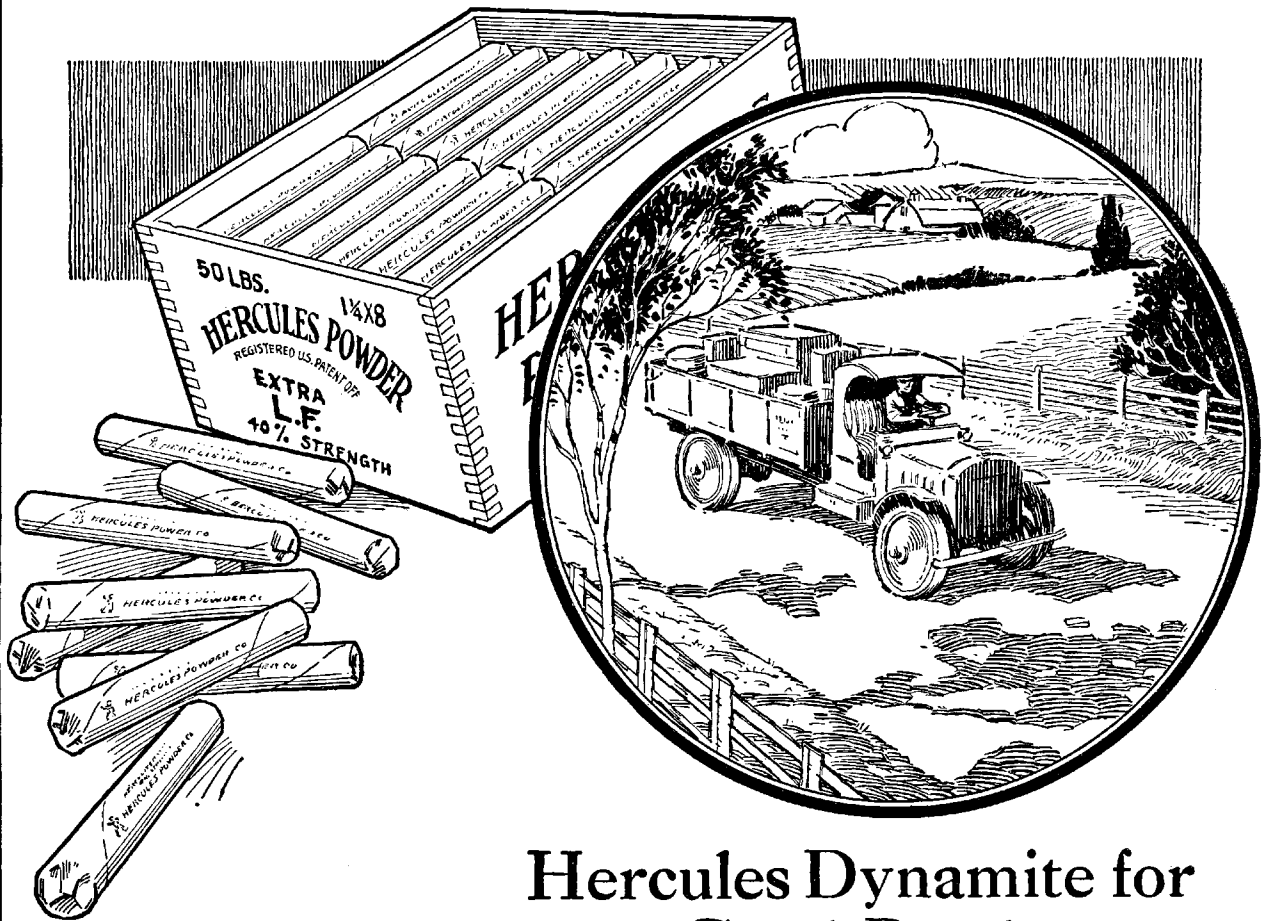
The Miners and Metallurgists held their annual banquet Tuesday evening, November eighth, in the banquet hall of the Southern Hotel. Over forty students and ten members of the faculty were present.

A delicious four-course dinner was served. After the dinner, smokes and speeches were in order. "Bill" Clark ably acted as toastmaster for the occasion. Professors Nold, Demorest, Bownocker, McCaughey, Mueller, and Decker gave very interesting talks to the students. Several of the students were also called upon for speeches.

Everyone present enjoyed the evening and all are looking forward to the next banquet.

On Friday evening, November eighteenth, the

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MINING AND METALLURGY

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Mining Society showed three pictures of the Bureau of Mines in the lecture room of Chemistry Hall.

The first two reels were on limestone. They were taken at one of the famous quarries in the Bedford, Indiana, limestone district. It showed the complete process of the preparation of the limestone from the quarries to the finished product ready for some new building. The pictures showed the removal of the overburden, the handling, planing, turning, and carving of the limestone.

The second picture showed the operation of the Electrical Precipitator. Its usefulness was shown in the removal of the smoke and dust nuisance in large industrial establishments, and in the recovery of the chimney losses in refineries and smelters.

Professor Nold gave a short explanatory talk before showing the last picture on gold dredging. He told how the gold originally came to the placer deposits and a brief outline of its recovery.

Dr. Shaw, Assistant Chief Chemist of the United States Bureau of Mines, was the speaker at the four o'clock meeting of the Student Branch of the American Institute of Mining and Metallurgical Engineers on Friday, November 5th, 1921. Dr. Shaw is detailed here at the Columbus Station, located in Lord Hall, for special work and investigation in ceramics.

His address to the meeting was on the subject "The Bureau of Mines." He told of its divisions and their relation to the other government divisions and bureaus. An outline of the work carried on at the different stations, such as mine disaster prevention at Pittsburgh; petroleum at Tulsa; iron ore, coal, and coke at Birmingham; oil shales at Reno; ceramics at Columbus; etc., was given. The greatest work accomplished by the Bureau, and the one most emphasized by Dr. Shaw, is that of utilization, such as the utilization of waste products, the substitution of American products for imported ones, etc.

Dr. Shaw's address was greatly appreciated, and it is hoped that the society may be able to have him address them on one of his own investigations for the bureau.

CERAMICS

The Student Branch held its regular monthly meeting Tuesday, December 13. Prof. McCaughy gave a talk on the subject "The Synthetic Process of Making Precious Stones." It was of double interest, being very enlightening in itself, and also creating an interest among the underclassmen. The officers of the society were pleased with the turn-out of the Freshmen and Sophomores and urge them to continue their interest. We are interested in you. Be interested in us. Attend.

The Student Branch of the American Ceramic Society was included in a joint meeting with the Central Ohio Branch and the National Committee on Research and Development. The meeting continued through two days, November 16 and 17. The program of events was:

(1) Wednesday, all day, meeting at Lord Hall,

of members at large to consider policies and to devise plans.—L. I. Shaw, Chairman in charge.

(2) Wednesday, 6 p. m.—American Ceramic Society dinner, Ohio Union, R. C. Purdy in charge.

(3) Wednesday, 7:30 p. m.—Joint meeting of Central Ohio Section and O. S. U. Student Branch, Councilor A. S. Watts in charge. A well balanced program of addresses on vital topics was arranged. Auditorium Ohio Union.

(4) Thursday, 9:00 a. m.—Lord Hall, meeting of whole committee on Research and Development, open to all members of the Society. L. I. Shaw, Chairman in charge.

(5) Thursday, 2:00 p. m.—Lord Hall addresses on Technical and Scientific Problems in Ceramics. R. C. Purdy in charge.

CHEMICALS

The new chemistry building is nearing completion. According to the latest information, it will be ready for occupancy by March 1st.

The Senior Chemical Engineers recently enjoyed an inspection trip to the plants of the "Continental Beet Sugar Refining Co." and the "National Refining Company" at Findlay, Ohio. A very enjoyable and instructive day is the consensus of opinion of all those who made the trip.

Harry K. Linzell, a fellow in Industrial Chemistry, on December 23, 1921, began research on a new problem, "Can Two Live as Cheaply as One?" We all extend to Mr. and Mrs. Linzell our heartiest best wishes, and wish for them all success and joy possible.

Our usual gas attack took place December 21, when a broken bottle of ammonium sulfide made necessary the dismissal of a few classes, much to the distress (?) of the students.

At a recent meeting of the Student Chemical Society, two films from the Bureau of Mines were shown. One film was "Radium," the other "Dynamite."

We have had the pleasure of hearing a lecture by Doctor J. Johnson of Yale, under the auspices of the Columbus section of the American Chemical Society. His subject was "Basis of Theories of Metastability." This lecture, following those of Dr. Cohen, of Utrecht, on the same topic, was enjoyable to all. Dr. Johnson compared the department very favorably with the department of chemistry at Yale University.

Dr. R. C. Moore, chief chemist of the U. S. Bureau of Mines, gave a very interesting lecture on "Radium." The lecture was accompanied by illustrations and demonstrations with radium, radium emanation, and mesothorium.

The graduate students of the department lost in the semi-finals in indoor baseball to the Ceramics.

One of the Big Expenses of a coal mine is the continual pumping of water to keep it dry. In the average anthracite mine 18 tons of water is hoisted from the mine for every ton of coal mined, and in some mines it runs up to 27 tons.