ENGINEERS PLAN PENN DAY STUNT

Wide Variety of Unusual and Interesting Exhibits Promised by Various Departments

"PUT THE ENGINEERS ON THE MAP" TO BE SLOGAN

The Engineering Department has plans under way for putting on a program of stunts on Pennsylvania Day such as the student body has never seen before. "Put the Engineers on the Map" is the general keynote of the affair.

Representatives of the departmental engineering societies together with a few of the faculty members who are interested are planing to hold a huge "Open House" of the entire engineering school on Pennsylvania Day for the benefit of the rest of the collgee and the many visitors who will be in State College that day. The plans came to a head at a meeting of the active members of the Engineering School held last Tuesday evening.

Plans are being rapidly worked into shape by an executive committee which has general charge of the "Open House". Under this committee is a subcommittee in each department of the school whose purpose it is to originate and plan the particular stunts that the department is going to stage. No one is to be barred from participation in the exhibition and it is intended to have such a large program that it will take every member of the student body and faculty to put it across.

"Boost the Penn State Engineers" is the general idea but there promises to be keen rivalry btween the several departments as to which will put on the best part of the show. The electrical enginers expect that with the laboratories of apparatus at their disposal they can stage a wide variety of unusual and interesting exhibits while the industrials intend to give various kinds of useful and interesting souveniers illustrative of the proceses carried on in their shops.

The serious side of the engineer's work is to be featured as well as the humorous stunts. The committee in charge intends that those visiting the engineering buildins shall be given a clear understanding of the work that the students carry on in their regular laboratory courses, for much of the work is novel enough to be interesting to the visitor who is not familiar with engineering activities.

The committee is starting its work on the assumption that the engineers are able to inaugurate an exhibit that will be of interest to the entire student body.

DR. BALL OF U. S. AGRI. DEPT. INSTALLS GAMMA SIGMA DELTA

Dr. E. D. Ball, director of scientific work in the U. S. Department of Agriculture, and national president of the Gamma Sigma Delta, Agriculture Honor Society, was here on Tuesday night, October tenth, to install the Penn State Chapter of the Society. During this meeting Dr. Ball lectured on the "Place of Research in the National Defence."

E. T. COLTON TELLS OF SITUATION IN RUSSIA

Last Tuesday evening in the Auditorium E. T. Colton of Moscow, Russia, lectured on the Russian situation, depicting awful scenes of economic life in Russia and the Russian universities, and appealed to students and professors of Penn State, as a unit of a system, for aid. Mr. Colton explained that it was impossible for us to understand the Russian situation, and difficult for those who have been in touch with it for the past few years to do so.

The lecture was the third of the Tuesday evening series being conducted under the joint auspices of the Student Fellowship for Life Service and the Y. M. C. A. A special musical program was arranged which included vocal selections by C. E. Finley '24 of the Varsity Quartet.

Mr. Colton went on to say that the Russian situation is a result of not one cause, but a series of causes. We must not loose sight of the fact that Russia fought in the War on our side. She fought until she had reached the lowest point of existence, economically. She fought until her government had fallen to rack and ruin, until Paris was safe. When she was unable to rise in the fray, she went out of fight. Then she went into revolution and extreme destruction. Since that time no stone has been left unturned to better theoretically, Russia's standing socially, economically and religiously. Now social and economic conditions, and the church are reeling under the stress and strain of the most aggravating ruin and destruction of revolution. War, bloodshed, the terrors of the failure of Communism, reigned. Mr. Hoover, who is known always to speak conservatively said upon his return from Europe, "Russia is dying".

There are millions of people in Russia who have not been provided for as to every day commodities. The mines are not working. No coal or iron is coming out. There is no lumber, and bricks are not being produced. The government has torn down every frame building in Russia in order that the wood might be used as fuel. The efficiency of the railroads is only seven per cent of the pre-war standard. Four trains a week run between Petrograd and Moscow. The Russian ruble has so depreciated that what used to one hundred and fifty thousand dollars is a street car fare. The average normal economic standing of the Russian family today compares with our population in Pittsburg and New York which is cared for by charity. The standard is below that of safety for life.

The students and profesors are not exceptions to the general case. According to the Soviet scheme the government supplies the student with education, accommodations, and rations. But one third of the students are getting no rations whatever. Those rations received are as bad as none at all. The students actually look like skeletons and they wear overalls. Russia has now appealed to the students and professors of the United States.

Mr. Colton concluded his talk with this plea: Russia is the country of the greatest scientists, the greatest musicians, the greatest composers, the greatest artists, the highest degree of culture and brotherhood. Is it not worth saving?"

CHEM. AG DEPARTMENT BEGINS WEEKLY SEMINAR

Series of Lectures Relating to Chemical Agriculture Prepared for Winter

A number of interesting lectures on subjects relating to Chemistry and Chemical Agriculture, will be given during the winter by the Department of Chemical Agriculture. These lectures will be held at four-thirty in the afternoon on the days specified, in Room 206 of the Agricultural Building, and everyone interested in these subjects is invited to attend the meetings.

On October tenth a report will be given by G. A. Shuey, Assistant in Chemical Agriculture, on the Pittsburgh trip recently taken by the members of the faculty of the Department, when they attended the meeting of the American Chemical Society. A number of industrial plants around Pittsburgh were visited and details of the manufacture of glass and processes used in a commercial bakery will be explained.

A lecture on Molecular Structure will be given on October twenty-fourth by Dr. W. R. Ham, of the Department of Physics. Dr. J. S. Shott, of the Department of Chemistry will give an outline of some of the recently developed fermentation processes from an industrial standpoint.

On November twenty-first Dr. E. B. Forbes, head of the Institute of Animal Nutrition, will deliver an address on the Mineral Metabolism of the Milch Cow. The data for this report is based upon four years work at the Ohio Agricultural Experiment Station. Six cows at a time were used in these experiments and complete accountings were made for the income, storage and outgo of all the mineral nutrients and nitrogen. Sixty such balance tests were made and seventeen men were necessary to conduct the experiments. This is the most extensive program of research that has been conducted thus far on this subject.

A Review of Enzyme Research will be given on December fifteenth by Dr. D. E. Haley, Associate Professor of Chemical Agriculture. Work on this subject has been conducted since the last century and Dr. Haley will give a review of the work and an account of the new theories developed in this important line of organic chemistry.

On December nineteenth Mr. M. W. Lisse, Assistant Professor of Chemical Agriculture, will give a review of the literature on valence and will explain some of the newer conceptions in regard to this subject.

MASSCHUSETTES TECH TO HAVE FROSH CHESS TEAM

At Massachusettes Institute of Technology two chess tournaments have been started. There is to be a freshman team of eight men this year besides the varsity. The tournaments are in preparation for the coming meets with Harvard and other teams around Boston.

THIRTY CONCERNS ASK ENG. EXTENSION HELP

At a recent meeting held in Philadelphia under the auspices of the Pennsylvania State College Engineering Extension Department over thirty industrial firms requested the services of the Department to survey their present conditions and lay out a training program for their employes.

This great increase of business is mainly due to the abnormal development of business in the industrial world, and to the College Publicity Campaign. It has been with much regret that the Extension Department of Engineering has refused many requests for their services.

The chief reason for this meeting in Philadelphia was to explain to the presidents and managers of these concerns the facilities available at the College for extension work among industries.

TWO-YEAR AGS SHOW ENROLLMENT DECREASE

The annual reception given by the second year class in the Two Year course in Agriculture for the men of the first year class was held last week in the I. O. O. F. hall. Instructors of the Two Year men's sections and the incoming group were guests of the advanced class.

A program of speeches by Professor Bressler, A. A. Borland, E. S. Reider, F. L. Bentley, F. N. Fagan, and W. B. Lincoln opened the meeting, following which J. B. Hart entertained the gathering with several clever impersonations.

The Two-Year men got into the spirit of the occasion with an enthusiastic demonstration of cheering and singing. A plea from E. D. Meyers, President of the second year class, for entire participation in the student drive met with a hearty response from the former leaders.

Enrollment Decreased

The enrollment of first year men in the Two-Year course shows a considerable decrease this year. Penn State was the last institution to be affected by the decrease in agricultural students enrolled; however the nation wide slump in farm products prices is being felt in this state as shown by this year's enrollment figure. There are one hundred and eighty-five men enrolled in both years, this year's enrollment of eighty-three first year men shows an appreciable decrease over last year's enrollment of one hundred and three.

STUDENT BRANCH OF ENGIN. SOCIETY HOLDS ELECTIONS

At the recent elections of the student branch of the American Society of Mechanical Engineers the following men were placed in office:

Chairman—H. W. Moran '23
Vice Chairman—R. P. Grimes '24
Secretary—H. M. Wood '24
Corresponding Secretary—R. D. Fellows '23
Treasurer—J. F. Hillier '23

NEW HEAD APPOINTED FOR BACTERIA DIVISION

Professor Knutsen To Succeed Professor Hunter, Who Goes To Univ. of S. Dakota

Professor Martin H. Knutsen, of the bacteriological division, has been made head of that division to succeed Professor C. A. Hunter who has gone to the University of South Dakota. Professor Knutsen's position is wholly an administrative one.

Professor Knutsen is well able to fill the position, and will make a capable head. He has been an instructor at State College ever since he was discharged from the Army in September, 1919. While in the Army, he received a commission in the Sanitary Corps and served as an assistant laboratory officer. Previous to his enlistment in the Army, he was an instructor of bacteriology at Washington State College. He received his B. S. and M. S. at the University of Wisconsin in 1914 and 1916 respectively. While in the Service Professor Knutsen attended the Yale Army Lab School. Professor Knutsen is originally from Wisconsin, but since his connection with the college his residence has been at State College.

The Bacteriological Division handles students from every school in the college. At the present time there are over one hundrd and fifty students in elementary courses. As an instance of how important this division is held we cite the recommendation of the Research Committee that was here last June. They recommeneded that the Division should be made a separate department and that it should be housed in the Dairy Building.

Profesor Hunter, who has left the College this year, has a position as a professor of bacteriology at the University f South Dakota and as Assistant Director of the State Board of Health Laboratory at Vermillion, South Dakota.

GIRLS' VARSITY QUARTET TO BE ANNOUNCED SOON

Final quartet trials for admission to the men's Glee Club will be held tonight at the Auditorium at six forty-five. Director Grant will then bend every effort to select a club of forty men who will present a program on Pennsylvania Day. Inasmuch as the Glee Club is to give the entire program this year on that occasion, it will mean much additional rehearsing.

Announcement will be made to the members of the Girls' Glee Club at the rehearsal which will be held next Monday evening as to Director Grant's choice for the girls' varsity quartet. On this evening final trials for admission into the Girls' Glee Club will take place. The girls are very enthusiastic over the progress that has been made and the college may look forward this winter for some very interesting programs furnished by their club.

ANNA CASE OPENS "Y" MUSICAL COURSE TONIGHT

(Continued from first page)

success may be attributed to the versatile gift of being able to bring at one moment a brilliant and florid aria, and the next, a sustained selection delivered with a wealth of emotion and pathos. And this is not to include her bewitching humor and personality of wondrous charm.

The country-wide appeal of this rare artist may be judged from the fact that during the past season she has been heard at such widely seperated places as Tampa, Florida; Los Angeles, Cal., Seattle, Washington; and St. John, New Brunswick, Canada. Miss Case sang fifty concerts in thirty-five states and travelled over twenty-five thousand miles.

The program for tomorrow evenings concert follows:

1. (a) While I Listen to Thy Voice.
   (b) Lithuanian Song--------Chopin
   (c) Chantons les Amours de Jean (Old French)
   (d) Sleep Why Dost Thou Leave Me?
   (e) Old Swedish Folk Song
2. (1) Chanson Douce----------Renard
   (2) L'insect Alle--------Emile Nerini
   (3) Princessen----------Soderman
   (d) Il neige----------Bemberg
   (e) Le Beau Reve--------A. Flegier
3. Aria "Mi chiamano Mimi" La Boheme
4. (a) Angelus--------Ohrstom-Renard
   (b) The Night Wind----------Farley
   (c) Rain----------Pearl Curran
   (d) Synnoves Song----------Kjerulf
   (e) Song of the Robin----Anna Case

Edouard Gendron at the piano.

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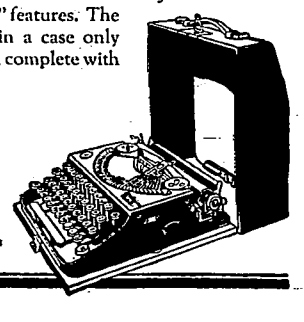
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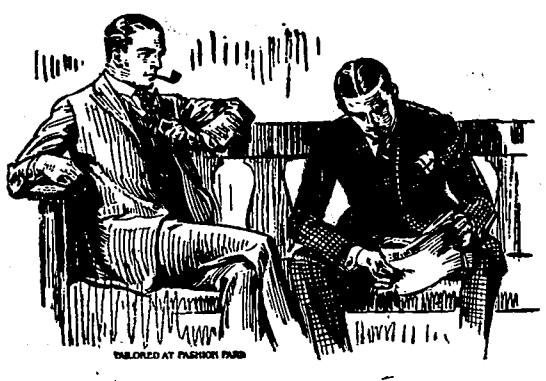

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