

# The : Pennsylvania : State : College

FDWIN ERLE SPARKS, Ph.D., L.L.D., PRESIDENT

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THE REGISTRAR, State College, Pennsylvania

## MINE RESCUE STATION

Believed to be the First Mine Rescue Station Established by a School of Mines in the United States. Event Inaugurated on Dec. 5, 1910.

There was opened at The Pennsylvania State College School of Mines on the evening of Dec. 5, 1910, what is believed to be the first Mine Rescue Station to be established in the United States by a School of Mines. This station has been established for the purpose of giving instruction in the use of Mine Rescue apparatus to the students of the School of Mines, and to other persons interested.

The station is equipped with two Draeger Oxygen Rescue helmets with all accessory apparatus, one Draeger Pulmotor for causing artificial respiration, safety electric lights, and safety lamps. Other equipment will be added as rapidly as possible.

There is a large "smoke room" built gas-tight, in which noxious and unbreathable gases may be liberated, and in which the men may be trained in the use of the helmets in such atmosphere.

In the smoke room there has been constructed a large wooden structure representing a full sized portion of a Mine Entry with an overcast and students are trained to enter this with the helmets; and working in the noxious atmosphere, to build brick stopping, to climb through the overcast carrying loads, and to do other such work as would have to be done by a rescue party. On the night of the opening, the "smoke room" was filled with the fumes of burning sulphur, followed by nitrous oxide, the smoke becoming so dense that the electric lights carried by men in the room could not be seen at a distance of six inches. The room is provided with glass doors and windows which permit the interior to be observed from the outside.

The opening of the Station was conducted under the auspices of the Engineering Society of the School of Mines, and consisted of an illustrated lecture on Mine Rescue Work and Apparatus, by a Prof. W. M. Weigel, followed by a demonstration of the Pulmotor, and of the Rescue helmets in the Smoke room by Mr. G. T. Halkeman, a representative of the Draeger Oxygen Apparatus company, assisted by members of the Society.

It is the intention of the School of Mines to extend the work by constructing underground mine workings, with ventilation from mine fans, in which the apparatus can be used under actual mining conditions.

It is hoped that the School will be able to obtain the services of some man trained at one of the U. S. Bureau of Mines Rescue stations to take charge of its Station and to give instruction in the use of the apparatus, and in First Aid Work. Both of these subjects are of the greatest importance, and it is felt that all students from the School should be thoroughly trained in them.

Great interest is being taken in this work, and it is believed that this rescue station will be of great service to the student of the School of Mines and to the mining industry of the State of Pennsylvania.

## Debating a College Affair.

Until this year the college debating teams have been managed by the literary society, but from the present time, they will be governed by the Debating council, a body which will be composed of one faculty member, two seniors, two juniors, one sophomore and one freshman.

All of the men who will compose this council have been chosen with the exception of the freshman representation, and this member should be appointed immediately by the president of the class.

The appointed men are: G. F. Zook, faculty member, H. R. Moffitt, '11, M. Smith, '11, H. S. Adams, '12, R. DeCharms, Jr., '12, and R. E. Atkinson, '13.

The men in charge of debating have felt that the debating teams represent our college as well as any athletic team, and therefore have taken steps to make debating a real college affair by organizing a special body, composed of men in all the classes to have charge of debating. The debating council held its first meeting on Tuesday evening Dec. '13, '10.

Professors Frizzell, Zook and Cottrell will coach the teams.

The following men will represent State in debating this year.

Aff. Team: F. C. Dose '14, J. A. Kinney '12, E. H. Seigler '11, H. M. Keebler '11, Alt. Neg team: W. D. Meikle '11, E. S. Ross '14, Jose Osuna '12, J. P. Rossiter '14, Alt.

## Penn State Graduate Injured.

The following article appeared in "The Record" of January 5, 1910.

While experimenting with chemicals in the research laboratory of applied chemistry at the Massachusetts Institute of Technology today Professor William H. Walker and research associates Raymond E. Drake and Charles Almy Jr., received injuries which require treatment at the Massachusetts General Hospital.

Professor Walker was in charge of the experiment when the vessel boiled over and splattered the experimenters with the fluid. His fingers were painfully burned. Mr. Drake was severely burned about the arms and hands and Mr. Almy received slight but painful injuries.

Dr. W. H. Walker is a Penn State man; graduated in 1890 and has since that time taken an active part in world of Chemistry. He is Prof. of Industrial Chemistry at the Massachusetts Institute of Technology and is a Trustee of the Pennsylvania State College.

## Prof. Diemer's Book Popular.

McGraw Hill Book Company report, that Professor Diemer's book, "Factory Organization and Administration," has been adopted as a text by the following Professors:

Professor J. R. Smith, Wharton School of Finance, University of Pennsylvania.

Professor E. J. Kunze, Michigan Agriculture college.

Professor Downey, University of Michigan.

Professor Flather, University of Minnesota.

Professor J. E. Gramlich, University of Syracuse.

Professor F. A. Cardullo, New Hampshire College.

Harvard School of Commerce is using it for reference, having purchased six copies for their library.

## STATE MEN AT LEHIGH

F. H. Johnson and T. W. Piolet Make Strong Addresses Before Lehigh Men.

The weekly Y. M. C. A. meeting held in Drown Hall, on Sunday evening, was led by Knox, '12, and was the best attended meeting this year.

After the customary opening of the meeting, a quartet composed of Schall, '11, Staab, '14, Fuller, '12, and Terwilliger, '12, rendered the vocal selection, "Sweet and Low," very creditably.

The speakers of the evening were Messrs. Johnson and Piolet, both of Penn State College. Both men have been star foot-ball players for Penn State, and consequently much interest was shown in them by the students.

After being introduced by Knox, Mr. Johnson spoke briefly on the Y. M. C. A. work at State College. He stated that, although the Y. M. C. A. is comparatively young there, still a keen interest is taken in it by the student body. The town at which the college is located is small, having a population of only about 1700, so that the town has little or no attraction for the students who therefore have more time to give to Y. M. C. A. work. This interest which the men take in the work shows itself in the form of a good influence of men on the newcomers to college. In closing, Mr. Johnson urged the men to try to make their interest in the Y. M. C. A. practical in every day life about college by helping men in various ways.

The next speaker was Mr. Piolet, who is a graduate of Mercersburg and has spent three years at Cornell. The subject of his brief talk was "Development of Character." In a little preliminary talk, Mr. Piolet gave a very interesting account of his three years at Cornell. After Mr. Piolet's entrance at State College he became interested in the college Y. M. C. A., and has been an earnest worker in that organization ever since. He also reminded those present, especially the older ones, that the spirit of Y. M. C. A. work need not end at graduation, but that much good can be done after leaving college by influencing others in the right direction. From Brown and White, December 20, 1910.

## Wrestling Preliminaries.

The preliminary wrestling meet held prior to the Christmas vacation for the varsity team resulted in some good bouts. Last year's varsity men did not complete, but in the future practices the winners of these preliminaries will meet the old men on the mat to determine who will compose the varsity team. All the wrestlers who partook in the preliminaries are requested to come out and continue in their work no matter whether losers or winners in the recent meet. The winners of the preliminary meet are as follows: 115 pounds class won by Jones in 7 min. 55 sec; 125 pounds, Park in 4 min; 135 pounds, Fisher in 4 min. 40 sec; 145 pounds, Fulkman in 7 min. 20 sec; 158 pounds, Grumblin in 3 min., 175 pounds, Rearig in 1 min. 58 sec, the heavyweight class resulted in a draw between Vogel and McVean.

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