

### MINING SPECIALIST NEW SCHOOL DEAN

E. A. Holbrook, Assistant Director of U. S. Bureau of Mines, Selected by Trustees

Penn State has secured Elmer A. Holbrook, Assistant Director of the United States Bureau of Mines, as Dean of the School of Mines, to succeed former Dean D. S. Moore who leaves Penn State this month to go to the University of Toronto. Dean Holbrook will take over his new duties as soon as the present national coal situation is sufficiently cleared to permit of his being relieved at Washington. It was only after weeks of deliberation on the part of a committee composed of the retiring dean, the heads of the Metallurgy and Mining Departments, Professors D. J. McFarland and W. R. Chesney, trustees, and mining graduates, that Mr. Holbrook was selected upon, and it is believed that Penn State is exceedingly fortunate in securing him.

Is Well-Known Mining Specialist  
Dean Holbrook is one of the best-known mining specialists in the country, and for the past three months has been acting director of the United States Bureau of Mines, where he has been assistant for two years. Before entering upon his work with the Bureau of Mines, Holbrook experienced wide preparation both in mining and teaching. From 1904 to 1908 he was Superintendent of Mines in Montana, and for the three following years he was superintendent of a mining company in British Columbia. The next year (1910) he spent in professional work in Mexico and Canada. Professor Holbrook began his college teaching in the Nova Scotia Technical College, and following this he was Assistant Professor of Mining Engineering at the University of Illinois, and Professor of Mineral Preparation and Utilization at the same institution. In 1917 he became supervising mining engineer and metallurgist with the United States Bureau of Mines at Urbana, and during a leave of absence he was chief mining engineer at the same bureau in Washington. Since that time, all of Professor Holbrook's work has been with the Bureau of Mines. In 1919-1920 he was superintendent of the Pittsburgh Experiment Station. He then became assistant director of the Bureau, and during the absence of the director, he has been acting director. It is interesting to note that Professor Holbrook represented the Bureau of Mines at the inauguration of "Proxy" Thomas.

Professor Holbrook was born in Fitchburg, Massachusetts, June twenty-third, 1880. He received his Bachelor of Science degree at the Massachusetts Institute of Technology in 1904, and a degree of Mining Engineer from the University of Illinois in 1918. He is a member of Phi Gamma Delta, Sigma Xi and Theta Tau, and serves on several important committees of national societies and mining organizations. He is also the author of numerous articles and publications on mining.

Comes at Important Period  
Professor Holbrook will be in charge of the School of Mines during an important period of its development. Plans for the expansion of the School are included in the general plan of development of the college into the Penn State University, and eventually there will be a group of four large mining buildings on the present Armory site on the front campus, those to replace the School's laboratories now housed in the Old Mining Building which is considered a fire-trap and therefore unsafe for the valuable equipment which must be kept there.

The fact that more prospective students have applied for admission to the School of Mines this fall than ever before in the history of the College is also significant of the further growth of the Mining School. Approximately seventy have applied for admission to the School of Mines to date, and thirty-three of these have made application to study Mining Engineering.

HAVE YOU SENT IN YOUR SUBSCRIPTION YET!

#### ALBERT DEAL & SON

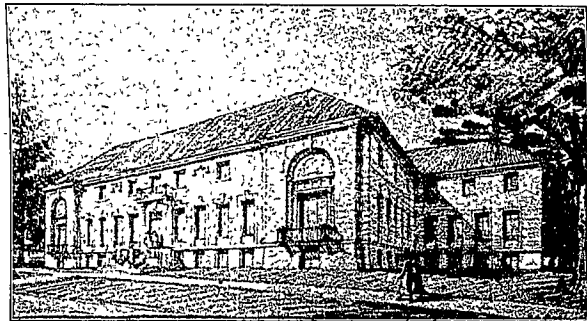
Heating and Plumbing

117 Frazier Street

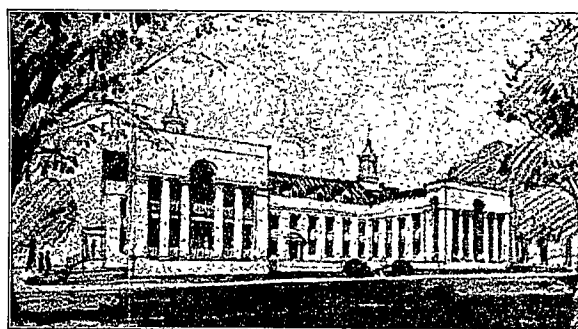
#### FYES'

FOR Groceries Notions Dry Goods

## New Structures To Be Built On The Campus



PHYSICAL EDUCATION BUILDING FOR WOMEN



PENN STATE HOSPITAL

### USE OF COLLEGE ROOMS IS GOVERNED BY RULES

Small Fee Will Be Charged Non-Collegiate Organizations by New Regulations

The following rules and regulations to govern the use of class and lecture rooms for collegiate activities for the coming term were announced last Thursday by R. I. Weber, Superintendent of Grounds and Buildings.

The college will permit of the use of class and lecture rooms, including the Auditorium and Old Chapel, for other than collegiate purposes under the following regulations which are in addition to any regulations now in force.

Recognized students of college organizations will be allowed to hold meetings in rooms designated by the school concerned under such regulations as may be authorized by the Dean of the school or the Superintendent of Grounds and Buildings for the Auditorium and Main Building.

Non-collegiate organizations may be authorized to use rooms with the consent of the Dean concerned and the Superintendent of Grounds and Buildings jointly. The Auditorium and Main Building will be under the charge of the Superintendent of Grounds and Buildings.

No charge will be made for the use of rooms by recognized student or faculty collegiate organizations for class or club meetings where no charge is

made for entertainment and where the room is left in the same condition as found.

In all other cases a charge will be made to cover heat, light, janitor and maintenance services. Any costs for decorations, hauling, or similar services must be assumed by the organization using the room.

The word "entertainment" is here used to cover such meetings as lectures, stage performances, dances, convocations, athletic returns, and business or social meetings, but these regulations are not intended to debar faculty members, resident in the college dormitories, from acting as host in social or business affairs.

Auditorium: To be used by Collegiate organizations only. For entertainments with admission charge, three per cent (3%) of gross receipts (\$20.00 minimum). For entertainments without admission charge or programs, no charge.

Foyer: Not used except for special purposes and by special permission. No general student meetings.

Old Chapel: For entertainments with admission charges, three per cent (3%) of gross receipts (\$5.00 minimum). Non-collegiate organizations with admission charge, three per cent (3%) of gross receipts, (\$5.00 minimum). Without admissions five dollars (\$5.00).

Armory: Entertainment by recognized collegiate organizations five dollars (\$5.00). Entertainments when admission is charged and profit accrues to individuals three per cent (3%) of gross receipts (\$20.00 minimum).

Class Rooms: Capacity over 75 three dollars (\$3.00) per meeting. Capacity under 75 one and one-half dollars (1.50) per meeting.

### MAJOR WELTY WILL HEAD R. O. T. C. UNIT

Announcement has recently been made of the appointment of Major M. D. Welty to succeed Lieutenant Colonel George B. Comley as Professor of Military Science and Tactics at Penn State. Major Welty will be placed in full charge of the R. O. T. C. here.

Lieutenant Colonel Comley, who has been at the head of the Penn State Military Department since September ninth, 1920, left a few weeks ago to assume command of the New Jersey National Guard Cavalry, at Newark, New Jersey.

Major Welty has been at Penn State since July thirtieth, 1919, and is well known to most of the upper classes. In 1919 he was detailed by the government to succeed Major James Baylies who retired from active service at that time. Major Welty had just returned from Europe where he was engaged in the Meuse-Argonne offensive with the 806th. He was graduated from West Point in June 1910, and served the government in the Philippines during the campaign against the Moros, and on the Mexican border, besides having made a noteworthy record in the World War.

Before assuming complete charge of the Military Department at Penn State, the Major is acting as a headquarters field man in the interest of the two million dollar campaign, and is 'lining up' the alumni for the big drive.

### HEALTH SERVICE WILL BE ACTIVE THIS YEAR

Believing that "an ounce of prevention is worth a pound of cure," the College Health Service wishes to urge the men and women in college this fall to take advantage of the Health Service at the first sign of illness or injury. Dr. J. P. Rittenour, the College Health Director, and a staff of two registered nurses will be on duty at the infirmary in the orchard during the hours from eight thirty in the morning until five thirty at night when classes are in session. During these hours, any student may secure medical advice and treatment without charge, the only charge to be made being that of a nominal fee to cover any medicines or dressings used.

In case of serious illness the College Hospital affords inexpensive and expert care with its well equipped wards and sick rooms. The fee charged during any illness is only sufficient to cover

the food and room rent and is no more expensive than is to be secured in town.

### PENN STATE INSTRUCTOR

#### MAKES CORN COB VARNISH

Corn cobs, which, according to the Department of Agriculture, have just been successfully used in the production of a variety of hard rubber, will take on a still further commercial interest if an experiment practically completed in the Pond Chemical Laboratory of the College proves to be successful. Marion S. Badollet, an instructor in the chemistry department, has completed the making of a small amount of varnish from corn cobs and has subjected it to tests that thus far indicate

that it has all the merits of the best varnishes, is pliable when applied to the fabric used in aeroplane wings, and may be boiled without impairment when applied to wood. The varnish, it is said, will probably prove to be much cheaper to manufacture than brands on the market. A compound made from corn cobs is being used in the new product instead of resin.

### AG PROFS EXPERIMENT ON CASTOR BEAN LIPASE

Professor D. E. Inley and Mr. H. B. Pierce, of the Department of Agricultural Chemistry are nearing the conclusion of an experiment to determine the activity of the castor bean lipase, in order to find the optimum conditions under which it can be hydrolyzed.

This is a problem that has long been studied by Agricultural Chemists all over the country, with varying success. Owing to the fact that the vessels which contain the oil, lipase and water used in the experiment must be kept in constant agitation at a constant temperature, in order to secure results that will possess a sufficient degree of accuracy, it was necessary for the experimenters to devise a machine that would keep the vessels in motion twenty-four hours each day.

Inley and Pierce succeeded in constructing an apparatus that answers the purpose so satisfactorily that the success of the experiment is almost assured. A description and drawing of the machine will probably appear when the results of the experiment are made known.

Professor Haley, who has been Associate Professor of Chemical Agriculture at Penn State for some time, received the degree of Doctor of Philosophy from Ohio State University, last June. His thesis on the "Availability of Potassium in Orthoclase, for Plant Nutrition" will be published in "Soil Science" in the near future.

## The College Men's Shop

- Green Caps
- Laundry Cases
- Black Ties
- Pennants
- Banners
- Pillows

Cleaning Pressing Repairing

## HARRY W. SAUERS

Robison Block State College

DON'T FORGET THE STATE COLLEGE HOTEL AND RESTAURANT

### Use Steero Beef Cubes Every Day

Quick, delicious, always in demand for camping parties, also in cooking.  
MAKE A STEERO TOMATO CONSOMME—Drop Steero cube in cup, pour on boiling water; stir; add teaspoon of good ketchup, few drops of Worcestershire Sauce.  
MAKE STEERO WITH MILK—Drop Steero Cube in cup, pour on hot milk.  
Your Druggists: Ray D. Gilman, Robert J. Warner.  
Your Grocers: Fye's Grocery, W. R. Gentzel, Struble's Grocery, J. H. Musser, Hoy & Neidig.

## Crystal Cafe

Try our regular meals and you will see for yourself our clean and wholesome food, our home cooking and service can't be beaten.

## Crystal Cafe

\$2.50 Meal Tickets \$2.25

## Get Full Value for Your Clothes Money

It's not what you pay-- But what you get that counts

Prices Range from \$18 to \$65

Get them Made-to-Measure at

## Smith's Tailor Shop

127 Allen Street

Cleaning--Pressing--Repairing

## LOOK US OVER

We Develop and Print Your Views.

We have a complete line of Eastman Kodaks and Films, Scrap Books, Scrap Book Prints, Ever-sharp Pencils, and Kodak accessories.

## THE PENN STATE PHOTO SHOP

Portrait and Commercial Photography.