

### ENGINEERING LIBRARY IS AID TO STUDENTS

Total of Sixty-four Magazines on Current Subjects Offer Wide Range of Reading Matter

The School of Engineering provides a great many advantages for its students, but one of the most helpful, and at the same time the least used, is the engineering library, maintained by the various engineering departments for their students. A movement is now on foot to get students to make use of the library and acquaint them with the many advantages to be derived from its use.

The library is now located at 101 Engineering E, in a well-lighted room, which is easily accessible to all students. The former location in Engineering F, was so inaccessible, that the change was thought advisable.

The several departments of the engineering school spend a yearly aggregate of five hundred dollars in general upkeep, subscriptions, and such expenses, and more enthusiastic use of the library facilities is necessary to make this expenditure worth while in the future.

A total of sixty-four magazines is on hand, which includes commercial magazines, the journals of the leading engineering societies, all the leading American technical periodicals, besides several English and French magazines. The reader can thus keep in touch with both in the United States and other countries.

The library is primarily a library of current reading, and not a library of reference. For this reason, only the current issues of the magazines are kept on the library shelves, while all back numbers are sent to the Carnegie Library.

Practically all issues of periodicals prior to 1917 are bound and available at the Carnegie Library, but lack of funds has prevented the binding of issues from 1917 to the present time. The later numbers are consequently unavailable at the present time.

As no one is in charge at the reading room, the Library Commission cannot allow magazines to be taken out of the room, so many readers fail to bring them back.

Smoking is permitted in the Library, and even encouraged, as no other place in the engineering buildings will tolerate it. It is hoped that students will use the library during vacant hours, as it has been placed in such a convenient place, and contains so many aids to engineers, if they will but use them.

### PENNA. NOW RANKS FIFTH IN CULTURE OF POTATOES

"Make Pennsylvania first among the potato growing states." That is one of the projects of the college for the benefit of the Commonwealth, which is being backed by Dean Watts and Professor Nixon.

Through the efforts of the college, its experiment station and agricultural extension work carried on through the county agents in sixty-three of the counties of the state, Pennsylvania has been brought to a high position in respect to potato culture.

In the ten years from 1910 to 1920 Pennsylvania advanced from twenty-sixth to fifth place in this phase of agriculture. Millions of dollars have been added to the earnings of the state through this development and it is now considered a "money crop."

Although potatoes have held a prominent place in this extension work there has been valuable service given on other crops. The "Pennsylvania 44" wheat is as impressive and it shows the whole spirit of the work which is being carried on at the college. Valuable experiments have been made on beans, peas, cabbage, tomatoes, and fruits.

"Experimenting with plants may not pay the experimenter," said President Thomas, "but it pays the world. The plant breeder can secure no copyright or patent. Once his seed is given or sold to the public it is the property of anyone who cares to raise it. And thus it is that the college laboratories of the country and the public supported research bureaus alone can afford to undertake such problems for the good of humanity. Every penny that is put into State College for instruction, for experimentation, and for the extension service will come back to the commonwealth many fold."

### FBI LAMBDA UPSILON ELECTIONS

- James Boyd Allison
- Emerson Wheat Bird
- Luther Crouthamel
- August George Fruehan
- Ralph Paul Jones
- Joseph Vincent Maucher, Jr.
- Dewain Elwyn Montgomery
- Robert Alexander Naegely

### D. H. SHORT COURSE HAS AN EXTENSIVE SCOPE

Under the supervision of the Dairy Department the Thirty-first Annual Creamery Short Course will be given January fourth to March third, 1923. When this course was installed only Creamery Butter making and Milk separation was taught because there was little demand for such products as ice cream, fancy cheeses, condensed milk, and powdered milk at that time. Today, however, the Creamery Short Course is designed to give men fundamental instruction in the manufacturing of all these products, and also in bacteriology, creamery accounting, and market milk. This course will meet the demands of both the experienced and the unexperienced man for many men have come to Penn State knowing nothing about plant work and have gone into important positions and made good. The college maintains a practical creamery which today is handling the milk from about three hundred patrons and during the past year has done a business of three hundred thousand dollars. This large supply of raw material affords a most excellent opportunity for the study of Dairy manufactures and Market Milk. The creamery has the facilities for manufacturing these products and this equipment is open for the use of the students and is practically operated by them.

All through the eight weeks period every man in this course will receive lectures in cheese making, ice cream, condensed and powdered milk, manufacture and in dairy bacteriology and market milk, and he will be given practical work in the creamery under the supervision of the creamery men.

### ALICE-SIT-BY-THE-FIRE IS BRILLIANT COMEDY

The play "Alice-Sit-By-The-Fire," by Sir James M. Barrie, will be the next performance of the Penn State Players. The performance will be staged Friday evening, November twenty-fourth, in the Auditorium.

"Alice-Sit-By-The-Fire" is going to be a brilliant performance and is quite fitting for the opening of the Players' season. The play was released for performance only last year and the Players are very fortunate in securing it for production.

The leads are played by W. J. O'Donnell '23 and Miss Mary Butcher in an admirable way. Mr. O'Donnell interprets the part of the "Colonel" and is strongly supported by Miss Butcher, who plays the part of "Alice."

The play is delightfully Barrie-like from beginning to end and has been run with extraordinary success on the professional stage. It is whimsical, it is delightful; it is entertaining; and so Barri-esque—all in one.

### MINING GEOLOGISTS TAKE FIELD INSPECTION TRIP

The class of senior mining geologists have just completed a five day field and inspection trip under the direction of Professor C. A. Bonine. In addition to the study of the geology of southeastern Pennsylvania and parts of Maryland and Delaware, the party visited chromite, iron, kaolin, and feldspar mines. Rock, mineral and fossil specimens were collected and shipped to the School of Mines. The last two days of the trip were spent in Washington, D. C. at the U. S. National Museum. The method of collecting, preparing, and mounting various types of fossils was studied at the U. S. Geological Survey and the class was shown the complete process of map making at printing.

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### Tech General



JIMMIE ROBERTSON CARNEGIE TECH QUARTERBACK

### LIEBIG SOCIETY HEARS HISTORY OF CHEM. AG.

At the meeting of the Liebig Society, which is composed of students specializing in agricultural chemistry, Dean Stoddart former head of the department gave an address in which he told of the history of Agricultural Chemistry since the beginning of Penn State. Dr. Pugh, first president of the college, was a prominent agricultural chemist in his time. Dr. Armsby and Dr. Frear were two members of the department who were known the world over.

Dr. Dutcher, present head of the department, concluded the speeches by stating the future policies of the department.

### Some Distinctive Features of Osteopathy

The features of Osteopathy that differentiate it from all other adjunctive systems of therapy are that while the other manipulative systems seek to limit the boundaries of all therapy to a little narrow strip running up and down the back and embracing the backbone—which constitutes only the ABC's of Osteopathy—ADJUSTMENT to the Osteopath means seeking out the cause of the illness of whatever nature and removing it, if possible, and if not, the institution of the appropriate palliative treatment.

This cause may be a subluxated spinal vertebra or other bone, in which case the Osteopath simply adjusts it. Again it may be that such a pathological process has set up in some part of the body that only excision of the part will suffice, and in this case the Osteopath calls in the services of a Surgeon—providing that he himself does not practice surgery, and has the proper operation performed. Yet again, the cause may lie in anemiasis due to auto-intoxication which in turn is due to wrong habits of diet, in which case no remedy will suffice save proper adjustment of the patient's diet and the Osteopath is an accomplished dietitian.

Perhaps the whole trouble lies in some mental disturbance—likely as not to some freak of the subconscious mind. That being the case, the Osteopath by making a careful psycho-analysis of the patient is often able to rid him of the offending mental habit and cure him of his resultant illness.

It is in this BROADER sense that Osteopathy is an adjunctive system of therapy and, as such, is easily the PREMIER of them all.

DR. R. L. CAPERS Office above Varsity Store Phone 71-M Office Hours: Tuesday, Thursday, Saturday, 10-10

### N. Y. ALUMNI STAGE AN INTERESTING RECEPTION

"Prexy" Thomas, Dr. Sparks, "Bez" and Members of First Official Grid Team Attend

New York Alumni Association members held one of the most interesting dinners in their history as an organization last week when they gave an informal reception to President John M. Thomas, Dr. E. E. Sparks, Athletic Director Hugo Besdek, and ten members of the first official football team of the college.

Mr. W. H. Heibel, President of the Association, opened the meeting and called for nomination of officers for the ensuing year. Doctor W. B. Jackson '90, as chairman of the nominating committee, read the list of nominees and was instructed to cast an unanimous ballot in favor of Mr. H. B. McLean '90. Mr. Heibel then turned the chair over to Mr. McLean who occupied it long enough to make a brief speech of acceptance in which he made a plea for "not a too radical reconstruction of Old Main."

He then turned the chair over to Colonel H. H. Jackson, member of the first official football team of the Pennsylvania State College, around which the program of the dinner was centered. Col. Jackson introduced President Thomas who spoke briefly but strongly in connection with the building program of the college, urging the continued support of the alumni in the work that has been started.

President Thomas was given a splendid ovation and received very enthusiastic applause. The chairman then introduced Doctor Sparks who was greeted most heartily by the alumni. The Ex-Prexy told a number of his usual good stories. Hugo Besdek was next called upon and spoke on the athletic situation of the college with particular reference to football. He then formally introduced and presented to each of the members of the first official team a certificate awarding the letter "S", and a gold football properly inscribed.

It is notable that the ten men constituted a one hundred per cent attendance of the living members of the team of '87. A great deal of credit must be given to George H. "Lucy" Lines for bringing the reunion to such a successful conclusion.

### Carnegie Coach



"WALLY" STEFFEN CARNEGIE TECH COACH

### QUAKER OATS CO. TO SHOW POULTRY FILM

Two motion picture films on the "Judging of Hens for Egg Production", released by the Quaker Oats Company, will be given Friday afternoon at two-thirty in Room 100 Horticulture by H. E. Fry who graduated here last year as president of the two-year agricultural class. Mr. Fry now represents the Feed Department of the Quaker Oats Company from their Pittsburgh headquarters.

These pictures, taken at Cornell, portray in detail all the latest developments in the judging of poultry, and they were produced under the personal direction of Dr. O. B. Kent, one of the best authorities on the subject. Dr. Kent recently resigned from Cornell University to take charge of the Feed Department of the Quaker Oats Company with headquarters at Chicago.

E. W. Gerner Merchant Tailor Next to Post Office

### REGISTRAR TO HEAD DRIVE HEADQUARTERS

President Thomas announced this week that Professor A. H. Espenshade, Registrar of the College and Secretary of the College Senate has taken charge of Campaign Headquarters and that R. F. Duncan, of New York, formerly in charge, has gone to Philadelphia to assist in the campaign office on Juniper street. Professor Espenshade will carry on his duties as Registrar simultaneously with the campaign work, and Headquarters will continue at Room 228, Old Main. Professor Espenshade announces that his office hours as Registrar will be from four to five daily except Saturday and Sunday. He will be assisted in the Campaign Office by Professor David D. Mason of the Department of Romance Languages.

This change in organization will mean that the Philadelphia Committee, headed by John E. Snyder '95, will be assisted by Dean R. L. Sackett of the School of Engineering, E. N. Sullivan '14, Vice-Chairman of the Campaign Ex-

ecutive Board, and R. F. Duncan. The Philadelphia Committee announces that it hopes to complete its work by Thanksgiving at the latest.

### LEHIGH LETTER MEN ORGANIZE VARSITY CLUB

Varsity letter men at Lehigh have recently organized a club which is to be known as the Varsity Club, its purpose being the bringing together of the various athletes.

The First National Bank STATE COLLEGE, PA. W. L. Foster, President David F. Kapp, Cashier

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