

GRAHAM & SONS

Established 1896

Every day new callers at our store are surprised at the assortment and high quality of our candies, with prices almost the same as cheap candies. Our direct buying does it.

Written Guide Prepared For Visitors to Campus

(Continued from last week)

Then comes the largest experimental apple orchard in America, with all leading Pennsylvania varieties, and where different pruning and spraying methods are followed so that Pennsylvania farmers may keep abreast of the times. During the summer months horticultural students work there, getting actual experience. One sees some fine beef steers, sheep and hogs on the journey over the farms, and learns why Pennsylvania was able last year to equal the record of the best corn belt state in raising single liters of pigs to weigh a ton in six months' time.

The model dairy barn is a big attraction. All the leading breeds are represented in the sixty-nine milking cows seen there, each in its own stall with its name and record above. The herd is used for research and instructional purposes, and supplies certified milk at 18 cents a quart, said to be the lowest price for certified milk in the United States.

Two State Champion Jersey cows are in the group, and there are many others with high milk and butterfat records to their credit. There are some with records ranging from 11,000 pounds of milk a year for 3-year-olds, to well over 21,000 pounds of milk a year for five years, over ten tons a year, a returning of \$500 a year over her feed cost. Pennsylvania dairymen have donated many of the purebred cows now in the college herd.

The School of Agriculture operates a creamery in which students are trained in dairy manufacturing, said to be the best equipped of its kind at any college in the country. Dairying is the leading Pennsylvania farm industry, and a proportionate amount of attention is given it at State College. The creamery has an annual production of 227,000 pounds of butter, 36,000 gallons of ice cream, 25,000 pounds of cheese, and retails 250,000 quarts of milk and 32,500 quarts of cream.

Next in interest to visitors is the animal respiration calorimeter, the only apparatus of its kind now in operation in the world. It is in a building by itself, occupying all space there, and the apparatus includes a triple-walled cell in which a live cow is placed for a week or more at a time while observations are made on what the animal body does with the food it consumes.

The net energy of the food is calculated, and in experiments that extend over 25 years, these investigators in the Institute of Animal Nutrition have worked out the balanced ration and revolutionized farm animal feeding. The beneficial results of this work have been felt in every civilized country in the world.

In the calculations of these experiments, even the dandruff and hair falling from the animals while they are in the test is taken into account. The air, water and food is all carefully measured and its temperature taken. Plans are now under way to undertake studies of sheep and hogs, the studies to this time having centered on beef steers and cows.

From the agricultural school one passes through woodlots to the vastity athletic fields where 20,000 spectators can be accommodated, past several dormitories and fraternity houses on the campus, and comes to the mining buildings, the college radio station W.P.S.C. which will resume broadcasting this summer after being off the air for two years, and the engineering group.

All buildings contain valuable equipment for training students in the industrial professions, ranking with that at the best schools in the country. Over 1,300 students are enrolled in the School of Engineering and the School of Mines and Metallurgy. One of the attractions in the mining department is the largest collection of mine safety lamps in the world, and a miniature coal mine tunnel.

The drill field, armory, liberal arts building, women's dormitories, home economics laboratories, the Pond Chemical Laboratory and Old Main Building complete the tour of the fine campus. These buildings, at the central group and house the administration.

LEARN TO DANCE

The latest steps in Ball Room dancing. To beginners or advanced students. Individual instruction.

The Hubbell School of Dancing

402 1/2 West Beaver Avenue

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OPEN EVENINGS

SENIORS HOLD INITIAL GRADUATION MEETING

Members of Class Will Wear Caps and Gowns—Speaker Scheduled Now

A meeting of all students expecting to receive degrees at the end of this summer session was held in Old Chapel, Tuesday evening by Registrar W. S. Hoffman. He announced that the usual summer school graduation exercises would be held Thursday night, August 12, at which time some fifty students would receive diplomas.

Any candidates for graduation at an advanced degree who have not yet given their names to Registrar Hoffman, should do so at once so that there may be no possible chance for error.

Formal Graduation The graduation exercises, in keeping with the dignity of the occasion, will be made as formal as possible. The members of the graduating class will be required to wear the conventional caps and gowns. A prominent speaker, whose name has not yet been released, has been engaged to deliver the address at the ceremony. Further arrangements, pertinent to the graduating class, will be made at a meeting to be held later in the session.

The distribution of caps and gowns is in charge of G. H. Cook at the Alpha Chi Rho fraternity house. A charge of \$3.50, one dollar of which will be returned, will be made for the rental of the graduation robes. Those expecting to take part in the exercises should see that Cook has their name, height, weight and cap size not later than Sunday, July 18 so that orders for the caps and gowns may be placed without delay.

G. L. Brumfield, Delta Upsilon fraternity house, has charge of ordering announcements, and invitations for the occasion. He will be at Cop corner, Thursday evening at seven o'clock to take orders for all those who desire announcements. A special rate on all numbers over 150 has been obtained and it is desirable that the order be placed at the earliest possible date.

Old Main was started in 1859, its five stories being built of native limestone. The first students helped with the construction, and it was not completed until 1861. It is now used as the main administration building and for class room space. It is the oldest traditional spot on the campus.

Penn State is Pennsylvania's Service Institution.

PATRONIZE OUR ADVERTISERS

USE MORE ICE

Manufactured From Pure City Water

HILLSIDE ICE CO.

BELL 136

NORTH PATTERSON

College Man's Shop

NOW SHOWING

FULL LINE SPORTWEAR

Tailor Made Clothes . . . \$25.00 to \$50.00

Palm Beach Suits \$15.00

Extra Trousers \$3.75 to \$6.50

Suits Cleaned, Pressed and Repaired

HARRY SAUERS

Allen St.

State College

VOCATIONAL SPEAKER TO BE NOTED AUTHORITY

(Continued from first page)

requiring continuation school attendance and eleven maintaining co-operative trade courses. The later takes care of more than seven hundred and fifty boys in some twenty-five trades while the former group supplies educational facilities for forty-two thousand students.

Any new movement must of necessity undergo criticism, he explained. All the faults are found in the system and none of the other elements are considered until a certain point is reached and the movement has established itself. He illustrated this by the present public schools. No one would think of abolishing public schools now because of certain inevitable defects.

Crossman went on to say that he thought that from now on the criticism would be of a more constructive nature and would give a great impetus to the work, the first stage being represented as a retarding influence. He stated further that he thought the vocational education had come to stay and that it was being made an integral part of the systems by all progressive school authorities.

In closing he said that the part-time schools were primarily for adults. But the continuation schools are for younger men and women who do not have the opportunity of continuing their education after their grade school days. The future demand will bring a remarkable expansion of the present program, he predicted.

WATER SUPPLY MEN OPEN FIRST CONFERENCE HERE

(Continued from first page)

Difficulties in handling river water to make it suitable for drinking purposes will be told by C. F. Drake, superintendent of the Pittsburgh filtration plant, at the meeting today for filter plant operators. Among others on the program are P. E. Darvel, chemical engineer, and H. F. Moser, assistant chief engineer, at the State Department of Health.

R. L. Sackett, dean of the Penn State School of Engineering will speak at both conferences. Professor Walker has been making an extensive study of creamery waste treatment, and will take the sewage operators to the college sewage disposal plant.

PENN STATE PLAYERS TO STAGE "THE FIRST YEAR"

(Continued from first page)

something just slightly better than the usual high calibre of Players' productions. Tickets for the production went on sale at White Masseur's store last night and continue today. The nominal price of seventy-five cents will be charged for every seat in the house.

THE NEW CAFE

PINE GROVE MILLS

An Ideal Place For That Next DINNER PARTY

Large, Airy Dining Room, Efficient Service, and a Menu of Your Own Selection

Phone 927 R 13, State College Exchange

Hoffman's Superior Ice Cream Full Line of Confections Cigars and Cigarettes

Ask for NEE-HI

The Latest, Most Popular Beverage

SORTING MACHINE TO GRACE OFFICE OF W. S. HOFFMAN

New Tabulating Device Promises To Lighten Work Entailed By Figured Lists

PUNCHED PERSONAL CARD REPLACES WRITTEN TYPE

Sorter Expected To Do Work of Two Men in One-Tenth of Time Now Used

According to Registrar W. S. Hoffman, it will not be long until the Registrar's Office takes a step forward in keeping with Penn State's progressive policy. A new tabulating machine, known as a "sorter" and manufactured and rented by The Tabulating Machine Company of New York City, is to be installed presently in the office, and will be one of the most welcome time-savers ever brought to Penn State.

Every year, said the Registrar, many queries reach him asking for general tabulations. A question such as: How many students will graduate whose fathers are Reformed members?

STATE WOOL POOLS TO REACH 500,000 POUNDS

More than two thousand Pennsylvania farmers have delivered their 1926 wool clip of pools and had them graded, according to a statement today by W. B. Connell, sheep extension specialist of the College, who superintends the grading. Over three hundred thousand pounds of wool have been graded, and fifteen hundred more growers will deliver two hundred thousand pounds additional before the season ends.

All pools are absent of records of the past two years, Connell states. All old members are showing a smaller quantity of rejected fleeces, in many cases as low as half of one percent. The percentage of rejects in the wool of new members has run from 8 to 10 per cent.

\$1.50 DANCE \$1.50

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CHI PHI HOUSE

SATURDAY 8 till 12

BULLOCK'S PENN STATE EIGHT

Serve them with the best

Smith's Ice Cream Factory

Bell 250 State College, Pa.

Nittany Quick Lunch and Restaurant

Before you try the rest try the best

Strictly Home Cooked Food

BEST COFFEE IN TOWN

GRO KEPREOS Proprietor

Industrial Engineering Department

CEDAR CHESTS \$3.50 to \$24.00

Student Desks and Chairs, Student Tables

CHIFFONIERS \$12.50

TYPEWRITER TABLES . . . \$4.00 to \$8.50

CHAIRS \$3.50

DESKS \$12.50 to \$25.00

TABLES \$5.00

COSTUMERS \$2.00

GATE-LEG TABLES \$5.50

DRAWING BOARDS . . . \$1.25 to \$3.00

SWINGS \$5.00 to \$10.00

PICTURE MOULDING . . . 3c to 20c per foot

BOOK SHELVES \$3.50 to \$5.50

MAGAZINE RACK \$1.75

ROOM 106, UNIT B

WATCH THIS AD

sters in Berks county? will be answered with ease by the new contrivance. In addition to questions such as the above, Mr. Hoffman will be able to complete all necessary registration and administrative tabulations in probably one-tenth of the time now required, and with a great reduction in the amount of labor necessary.

The machine stands about four feet high and is fed with cards from the top. The cards, each one containing data punched at assigned spots, are sorted into any number of classes up to twelve. Any ordered index may be completed at the rate of three hundred cards per minute. As an example, Mr. Hoffman pointed out the sorting of Summer Session registration cards into an alphabetical index. This work took two men three days to finish, while the machine would be able to run off the cards in one hour with one man feeding the machine.

A month was taken to complete the registration by courses and alphabetical index found on pages 414 and 417 of the regular catalog, while Mr. Hoffman intimates that this work could be accomplished in a day, with one man tending the mechanical sorter.

When a student fills out his regular registration card, all information such as sex, age, color, fraternal connections, occupation of father, religious preference, previous records in regular and summer sessions and so forth, will be transferred in the Registrar's Office from the written card to the machine card, and punched in the assigned spots.

The punched holes fit over extensions set before the operation, and consequently any question on which information is punched can be decided by running the cards through the sorter.

At the annual Convention of College Registrars at Minneapolis during

Boalsburg Tavern

FOR

FAMOUS CHICKEN and WAFFLES

Boalsburg Phone 13-R-4

ing Easter recess, Mr. Hoffman supervised a demonstration of the sorter together with other types of indexing devices, and incidentally presented a paper concerning the use of such machines by the college registrar.

The obtaining of the sorter, which

BILL'S INN

A new building with room to eat and dance. Picnic grove with electric lights. A nice cool place to spend the evening. Come and see us. Good eats.

PINE GROVE MILLS

Groceries, Fruits, Vegetables

Soft Drinks On Ice

R. V. HOY & SONS CO.

123 Frazier Street Phone 429

A Special Sale of Unusual Interest

Beautiful Colored Glassware at Prices You Will Find Sensational

This glassware is simply wonderful in its richness and you will not find the equal anywhere in this city. We are introducing it for the first time and have priced it so low that you will find it almost sensational.

ELECTRIC SUPPLY CO.

Peoples National Bank Bldg. 121 S. Allen St. State College, Pa.

You Can Get It At Metzger's

Join our Library of Fiction. Costs only 25 cents to join; then a rental fee of 5 cents for each book.

25 NEW BOOKS JUST ADDED

All 15c Cigarettes 13c

L. K. METZGER 111 Allen St.

AL'S Shop

Special Sale

510 Pair

Women's Footwear

THURSDAY

Friday and Saturday

Regular \$7.50 to \$10.00 Values

AT

\$6.95 and \$5.95

A special purchase, combined with our present stock, makes this event possible.

AL'S Shop

"The Walkover Store"

must be rented from the company since it cannot be purchased outright, will fulfill a desire of Mr. Hoffman's which has pressed him for several years, and will enable the Registrar's Office to take better care of the processes of administration there.

KEEP FIT and RIDE A HORSE

Penn State Riding Academy

Rear of Cathaum Theatre

Groceries, Fruits, Vegetables

Soft Drinks On Ice

R. V. HOY & SONS CO.

123 Frazier Street Phone 429

A Special Sale of Unusual Interest

Beautiful Colored Glassware at Prices You Will Find Sensational

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