

Fall Completion Set For Petroleum Lab

A new petroleum laboratory, which will provide housing for larger distillation and extraction equipment as well as other special equipment, is expected to be finished this fall.

The building, one of the General State Authority's projects on campus, will provide increased facilities for research

65 in Choir Entertain In Europe

Over 65 members of the Penn State Chapel Choir headed by Mrs. Willa C. Taylor, recently returned from a summer tour of northern Europe.

The tour, a combination concert tour and educational trip, took the choir from England to behind the Iron Curtain in East Berlin, as well as Warsaw, Poland, and the Scandinavian countries.

The first stop for the group was England. After visiting Oxford and the music festival at Cheltenham, the choir presented a concert at the Canterbury Cathedral. While at Canterbury Mrs. Taylor met and talked with Dean Johnson the controversial Dean of Canterbury.

In Germany the choir gave a concert at St. Peters Church in Hamburg and then flew to Berlin for a short visit behind the Iron Curtain.

According to Mrs. Taylor the change in East Berlin in the last two years is amazing. When she was there last in 1957 with the choir, East Berlin "appeared practically deserted." Today it is a busy metropolis with many new buildings and a growing population. Mrs. Taylor said she believes that its remarkable growth is a result of Russia's constant attempts to surpass the West in the cold war.

In Warsaw the choir drew its largest audience in Europe, including the American ambassador Mr. Beam and his wife, when it was invited to sing at a catholic Mass in the Church of the Holy Cross.

The choir members lived in student hostels while in Warsaw where they met and talked with students from other Iron Curtain countries.

The first chance for recreation came when the choir toured the Scandinavian countries. On one of their side trips, they visited the resort town of Voss, the center of the Norwegian resistance movement during World War II.

Accompanying Mrs. Taylor and the choir were three other University staff members. James Beech, assistant choir director, Dr. Margaret Matson and Dr. Frederick Matson, who were in charge of the educational program for the trip.

Aide's Article Published

Ira B. McMaster, engineering aide at the Research Reactor, has written an article, "Nuclear Fishing," in the September issue of Nucleonics magazine.

The article describes a "clam shell" for retrieving material accidentally dropped into a reactor pool which is 24 feet deep. McMaster designed the clam shell.

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Town Size Grows With University

The present borough of State College was merely a crossroads when the Farmer's High School, now the University, began in 1855.

With a population of 300 the borough incorporated in 1896. Residents of the town at that time were mostly merchants and farmers. From such humble beginnings the town has grown to a population of 21,650.

State College and the University have grown together. Merchants receive a large part of their income from student expenditures and in turn supply students with everything from living quarters to the latest movies.

Besides students, State College houses many faculty and staff members. Visitors often remark at the beauty and dignity of the old homes and fraternity houses. Many of the streets are named in honor of former presidents of the University such as Atherton, Burrowes, Allen and Calder Streets.

The borough has a council-manager form of government. The borough council determines matters of governing policy. The administrative duties are handled by the borough manager and burgess. The manager heads all departments except for the police department. The burgess is in charge of police.

Robert Y. Edwards is the present borough manager and the burgess is Roy D. Anthony. John R. Juba is chief of police.

Eric A. Walker, president of the University, is a member of the borough council. Faculty members who are on the council are Charles F. Leedecker, president of the council and associate professor of political science, and Lawrence Perez, assistant dean of the College of Engineering and Architecture.

Equipment Co. to Give Four \$500 Scholarships

Four scholarships, each valued at \$500, have been established at the University by the Cleveland Brothers Equipment Co., Harrisburg.

Male students enrolled in engineering curriculums will be eligible for the scholarships, provided their home is located in one of 32 designated counties of the state.

and graduate instruction in chemistry and chemical engineering. It is being built on the lawn just south of Forestry Building.

Until early this year, the Petroleum Laboratory's activities were conducted in a frame structure near the main entrance to campus. The old building, which was built as the power plant for the University, was torn down to provide space for the new Hammond Engineering Building.

The laboratory has three principal objectives which are to create new knowledge, to provide advanced training in chemistry and chemical engineering and to help the chemical and petroleum industries and the Armed Services.

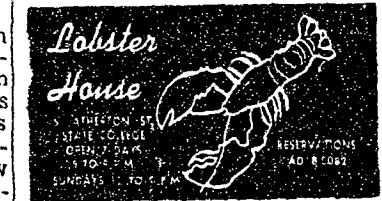
The laboratory is one of the best equipped organizations of its type in any academic institution where petroleum chemistry and refining are under investigation. It is important to Pennsylvania which ranks among the first three states in refining capacity.

Because of its facilities and the diversity of its research projects, the laboratory offers research training leading to the master of science and doctor of philosophy degrees in chemistry and chemical engineering. Many members of its staff are now enrolled in the Graduate School and are working for advanced degrees.

The staff consists of 40 full-time people, about 30 of whom are graduate chemists and chemical engineers. Seven of the scientists have been on the staff for 20 or more years. This continuity of staff makes it possible to carry out long-range research as well as to provide the solutions to many short-range problems.

The new building, now in the framework stage, is designed for maximum space utilization, flexibility, and safety. The building, when completed will have about 30,000 square feet. A pilot-plant wing of approximately 1000 square feet will have headroom of over 50 feet so that taller distillation, extraction and other separational units as well as special equipment for chemical reactions and conversions can be installed.

Also deferred was construction scheduled for the 1961-63 biennium. Included were: alteration to the main Home Economics Building, an animal industries building, a journalism and communications building and a new College of Business Administration building.



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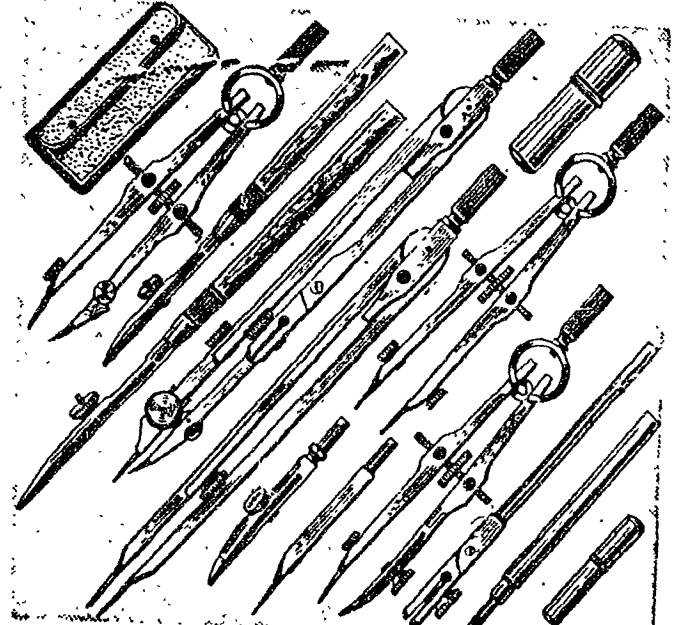
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