

## Million Dollar Laboratory Houses Naval Research

The newest building on campus—the Ordnance Research Laboratory—covers 30,000 square feet of floor space, and cost a million dollars to construct and equip, according to Eric A. Walker, director of the laboratory and head of the department of electrical engineering.

Designed by the late College architect Phillip Cret, the laboratory adjoining the power plant was begun January 11 and completed in October. The first floor includes laboratories, carpenter shop, receiving room, stock room, photographic room, and machine shop, receiving room, stock room, has as part of its equipment an electric furnace which can produce temperatures up to 2500 degrees Fahrenheit. In addition to this the research machine shop provides staff members with opportunities to try out their ideas for the invention of new equipment by constructing models.

### Second Floor Houses Offices

The building's second floor was designed for the purpose of housing the director's offices editorial offices, a conference room, and the main engineering office. The entire building is constructed to achieve maximum efficiency, even to the well-planned lighting system and floor arrangement.

When the Harvard Underwater Sound Laboratory was set up in July, 1941, by the Federal Office of Scientific Research and Development, the staff at Harvard was able to work independently on projects they considered important and to make the results available to the Navy. This plan enabled skilled scientists to conduct research with academic freedom. The Ordnance Research Laboratory of the School of Engineering

at the College is an outgrowth of this previous organization.

### Laboratory Supervises Field Stations

Various field stations are under the supervision of the Laboratory. The main testing work is carried on at Fort Lauderdale, Fla.; work is done at various Naval bases; and a calibration station is under construction at Black Moshannon State Park.

Of the 152 staff members in the Laboratory, about one-third were State College residents before their appointment. The remainder have moved here from more than 20 states.

## Reede Talks In LA Series

Next speaker on the Liberal Arts Lecture Series will be Dr. Arthur H. Reede, associate professor of economics at the College. Dr. Reede will speak on "Allied Control in Italy" in 121 Sparks at 8 p. m., December 11.

Now back on campus with his classes, Dr. Reede served as an American officer with the Allied Commission for Italy. His speech will present a firsthand picture of conditions in Italy under American governmental control. The talk will be free to both students and townspeople.

Dr. Stuart A. Mahuran, associate professor of journalism and chairman of the Lecture Series committee, will introduce the speaker. Members of the Liberal Arts Lecture Series committee are: Dr. H. L. Krall of the mathematics department; Mrs. H. D. Nesbitt, speech; Dr. H. W. Weigle, German; and Dr. E. J. Nichols, English composition.

Other speakers on the program are: E. L. Whitaker, associate professor of architecture, who will discuss housing on March 19, and a representative from the education department of the national government, scheduled for April 9.

## Math Club Shows Movie, Sets Semester's Plans

Movies on Einstein's Theory of Relativity were shown at the first meeting of the Math Club.

The club plans a series of talks by its members on different topics of mathematics not covered in classroom discussions. The presentations will be judged by faculty members and at the end of the semester a prize of ten dollars will be awarded to the best speaker. Runner-up in this competitive contest will receive five dollars. Prizes are being awarded by the Penn State chapter of Pi Mu Epsilon, national mathematics honorary society.

Ann Pfahler was elected secretary-treasurer at the meeting.

A publication headed by Sarah Risan which will print club discussions is being planned. She will give an elementary discussion on Einstein's Theory of Relativity at the next meeting in 110 Home Economics, December 18.

## Calendar

### TODAY

Collegian Junior and Senior Board meeting, 8 Carnegie Hall, 4:30 p.m.

Lutheran student supper hike to CA cabin, leave church 5 p.m.

Senior Board meeting, Dean of Women's office 6:30 p.m.

Sabbath Eve Services, Hillel Foundation, 7:30 p.m.

Kappa Delta open-house for ex-service men, Northwest Lounge, Atherton Hall, 8 p.m.

Kappa Delta party for all ex-GI's, Atherton Lounge, 8-12 p. m.

### TOMORROW

Cosmopolitan Club tea, Dean F. D. Kearn's home, 3 to 5 p.m.

Saturday Night Club Dance, White Hall, 9 to 12 p.m.

### SUNDAY

Chapel, Schwab Auditorium, 11 a.m., Professor Charles Winthrop Copp, "Our Japanese Enemy and the Revamping of Japan."

PSCA Bible Study Hour, 304 Old Main, 2:30 p.m.

Russian Club election meeting, 417 Old Main, 6:30 p.m.

Lutheran student lecture, church, 6:30 p.m., "Christianity in War," Art Reed.

Nittany clique meeting, nominations for freshmen candidates, 121 Sparks, 7:30 p.m.

### MONDAY

WRA Badminton Club, White Hall gymnasium, 7 p.m.

Orchestra rehearsal, 117 Carnegie Hall, 7 p.m.

PSCA First Semester Club installation service, 304 Old Main, 7:15 to 9 p.m.

Penn State Engineer meeting, 2 Armory, 7:30 p.m.

Cwens meeting, WSGA room, White Hall, 8:30 p.m.

## Joe College Of Today Uses Different Methods To Meet Bursar's Bills

"We're workin' our way through college to get a lot of knowledge which we'll probably never never, never use . . ."

So goes the song of yesteryear when Joe College washed dishes and peddled magazines to meet the bursar's bills.

But times have changed. Today's students still swing a mean dishcloth, but in addition, they supplement those monthly checks from home by doing everything from flying airplanes to teaching dancing.

Among the approximately 200 students who applied at the College's Personnel Relations Office for part-time jobs this semester are qualified bricklayers, chauffeurs, commercial artists, short-order cooks, movie projectionists, proof press operators, welders, radar and radio technicians, soda dispensers, and mail carriers.

While wartime training has resulted in an influx of trained workers, the majority of applicants still fall into what the Personnel Relations Office calls "general white collar classification"—baby sitters, and unskilled office help.

The office suggests—but doesn't enforce—a basic pay of 50c per hour, which increases in keeping with the expenditure of either "brain or brawn". Major exception to this rate is for baby tending, where active supervision is classified at 35 cents per hour and inactive, at 25 cents per hour.

## Gershwin Memorial Contest Begins For College Students

Students at the College are eligible to participate in the Second Annual George Gershwin Memorial Song Contest sponsored by B'nai B'rith Victory Lodge No. 1481. A cash prize of \$1000 and full publication rights are being offered by this group for the best work composed in America.

The publication prize includes the issuance of a printed score and the preparation of instrumental parts, if an orchestral work. The winner will also be given a contract by the Music Publishing Holding Corporation, entitling him to the usual royalties on copies sold and fees collected on performances.

### Held At Carnegie Music Hall

Carnegie Hall, New York City, on March 16, 1946 will be the scene of the initial performance of the winning work by the Rochester Philharmonic Orchestra under the baton of Leonard Bernstein.

Judges for the contest include: Serge Koussevitsky, honorary chairman; Leonard Bernstein, chairman; Aaron Copeland, William Schuman, and Rabbi Judah Cahn, ex-officio. Additional prizes may be awarded at the discretion of the B'nai B'rith Hillel Foundations of America who are cooperating with the Victory Lodge. Last year a second prize of \$250 was awarded.

### Contest Rules

Prospective contestants must abide by the following rules:

1—Any composer under 35 who is an American citizen or who becomes one before the closing date of this contest is eligible providing he or she belongs to one of the following categories:

a—If invited by the judges to participate.

b—If representing one of the recognized music schools.

c—If attending a university or college at which there exists a B'nai B'rith Hillel Foundation. (The College falls in this division.)

## 2-Hour Book Returns 2,616 Hours Late

The ambitious student who finally returned on November 19 the two hour book he had taken out August 2 can relax now. Contrary to the statement of the student librarian who computed the fine when he returned the book, he does not owe the library \$258.98. This fine would be correct according to the 50-cents-for-the-first-four-and-10-for-each-additional-hour regulation for two hour books, but another rule states that the maximum fine that can be charged is the price of the book minus 50 cents.

So with this warning, let's hope that this particular book worm will expend more energy next time, and manage to cover his assigned outside reading in less than three months.

2—Any original unpublished composition, vocal, instrumental, or orchestral, which does not exceed 15 minutes in length may be submitted.

3—Only one manuscript may be submitted by each composer.

4—Only compositions of which the composer owns or controls the copyright should be entered. If a composer has an exclusive contract with a publisher, or is a member of a collecting society which controls his rights, he should obtain a release before submitting work.

5—Works must be submitted anonymously. Further details will be found on entry blanks which may be obtained by writing to B'nai B'rith Hillel Foundations, 113 E. 22nd street, New York City.

6—An entry blank must accompany each composition submitted.

7—Manuscripts must be mailed to the above address not later than December 31, 1945.

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## CLASSIFIEDS

FOUND — Girl's multi-colored purse on College Ave. near Pugh St. entrance, Nov. 16, name "Bibe" on zipper tab. Call at trailer No. 84 evenings.

PRIVATE party has 1941 Plymouth 2-door sedan to sell. Excellent condition throughout. Phone evenings after 6:30 State College 711 Ext. 38.

FOR SALE — Finger-tip length, white fuzzy wool evening wrap. Size 14. Priced \$15. Call 6308 after 6 o'clock.

LOST — Diamond solitaire ring in broken setting. Finder please return to Mrs. Rachel Dinsmore, 517 E. Garner St., Phone 3359. Liberal reward.

DON'T STAND. Reserve a seat on a chartered bus to Pittsburgh or Allentown, for Christmas. Call Bette 304 Ath at once for reservation.

LOST — A Parker "51" Pen. Black with silver top. Please call Dottie, 342 Ath. Reward.

FOUND — Gray top Wearever fountain pen. Call at the Collegian office.

LOST — In Chemistry lab man's Crawford wrist watch. Brown leather band. Sentimental value to X-GI. Reward. Call 4143.

LOST — Blue wallet in White Hall or Home Ec buildings. Call Marty 4171. Reward.

LOST — Pink gold and yellow gold bracelet. Finder please call Bernice. 4435.

HONEST—they're not THAT stale. Only slightly. And we stopped smoking, 15 packs of Luckies are waiting—and so are we. Call 5 Ath huh?

FOR SALE—Girl's pre-war bike, slightly used. Call 316 Watts.

NO BEER will be served to tables consisting of minors at the Crossroads Restaurant, Boalsburg, Pa.

ACCORDIONIST available, square dances,, smokers a specialty. Also lessons. Send post card to 246 South Pugh Street.

LOST — One silver hairclip. "Char" engraved on it. If found please call Char Abbott 4296. Sentimental value.

LOST — Gray gabardine top-coat, "Eniweather" label inside. Found and contact Collegian office.

Telegraph Christmas Flowers



Place Your Orders Early

Woodring's Floral Gardens

PHONE 2405 BEAVER AVE. IV

Hi Students!



Thought I'd call you all and let you in on some big news. The Anchorage is reopening on Saturday evening! What kind of food do they have? Steaks . . . chops . . . sandwiches . . . anything you want What time are they open?

6:30 p. m. to Midnite Tuesday to Saturday  
5 p. m. to Midnight Sundays . . .

Well, I gotta' hang up now. I'm going down to the . . .

ANCHORAGE CLANDON'S

216 W. College Avenue.