

# Hetzel Union Impresses College Representatives

By PAULA MILLER

Exactly what impression does an outsider receive from the Hetzel Union Building and what does he consider as the most outstanding part of the HUB?

During the last weekend student, faculty, and administrative representatives from 15 colleges and universities gathered on campus to discuss and compare the student union buildings on many campuses.

## Autumn Hop To Feature Competition

A "So You Want to Lead a Band?" contest will be included in the program for the Autumn Hop, to be held tonight by Town Independent Men.

The dance will take place from 9 p.m. to midnight in the Hetzel Union ballroom. No admission will be charged.

The contest will feature the 18-piece Association of Independent Men band, which will play during the dance.

Five couples will be chosen as winners of a spot-light dance. Either the boy or girl from each couple will then lead the band in the contest. The winning couple will receive \$5 gift certificates.

Contest participants will receive a silver dollar. The winner will be determined by an applause meter.

Leonard Richards, All-University secretary-treasurer, will be master of ceremonies at the dance.

Prizes have been donated by local merchants, according to James Tipton, TIM president.

The D and J Jazz Quartet will play during the intermission, from 10 to 10:30 p.m.

## Grad Group

(Continued from page one) have already made commitments to employers.

**Financial Difficulties Possible**  
If they are unable to meet these commitments, they may find it impossible to pay their spring semester fees. Even if this is not the case, the council continued, a financial hardship would be imposed unnecessarily.

The fifth point brought up by the council was that foreign students would be allowed more time to visit in American homes and become acquainted with American life.

**Would Aid Foreign Students**  
As few foreign students are able to spend their vacation at home, most go to nearby homes as guests. Both the council and the foreign student office feel that these contacts are a valuable part of foreign student education.

Students working for a mid-year degree would be given a few additional days to complete academic objectives, the council said.

In conclusion, the council mentioned that Christmas vacation, rather than the between-semester break, has been generally accepted as the preferred time for a recess.

### Ag Society Starts School

The Farmer's High School originated through the efforts of the Pennsylvania State Agricultural Society.

## Approved Fraternities

The following fraternities have been approved by the dean of men's office for the entertainment of women guests tonight and tomorrow night:

Acacia, Alpha Chi Rho, Alpha Chi Sigma, Alpha Epsilon Pi, Alpha Gamma Rho, Alpha Phi Delta, Alpha Rho Chi, Alpha Sigma Phi, Alpha Tau Omega, Alpha Zeta, Beaver House, Beta Sigma Rho, Beta Theta Pi, Chi Phi, Delta Chi, Delta Sigma Lambda, Delta Sigma Phi, Delta Tau Delta, Delta Theta Sigma, Delta Upsilon, Kappa Delta Rho, Kappa Sigma, Lambda Chi Alpha, Phi Delta Theta, Phi Epsilon Pi, Phi Gamma Delta, Phi Kappa Phi, Phi Kappa Sigma, Phi Kappa Tau, Phi Mu Delta, Phi Sigma Delta, Phi Sigma Kappa, Pi Kappa Alpha, Pi Kappa Phi, Sigma Alpha Epsilon, Sigma Alpha Mu, Sigma Chi, Sigma Nu, Sigma Phi Alpha, Sigma Phi Epsilon, Sigma Pi, Tau Kappa Epsilon, Tau Phi Delta, Theta Chi, Theta Delta Chi, Theta Kappa Phi, Theta Xi, Triangles, Zeta Beta Tau.

Pi Lambda Phi and Pi Sigma Upsilon have been approved for tomorrow night only.

## 1913 Graduate Sets Up Award

A scholarship in remembrance of the class of '13 has been established by J. L. Mauthe, a 1913 graduate and a trustee of the University.

University officials will determine the amount of the award each year, which will be supported by income from a fund established by 100 shares of stock of the Youngstown Sheet and Tube Co.

Male students enrolled in mining, metallurgy, fuel technology, ceramics, mechanical engineering, electrical engineering, chemistry, or physics, and who are members of the varsity squad in football, track, wrestling, or gymnastics will be eligible for the scholarship.

Scheduled to begin with the fall semester, 1957, the award may be renewed each year during the student's regular four-year course if the recipient continues to meet the scholastic and moral character requirements for the award.

## Outing Club Plans Dance at Cabin

The Outing Club will hold a dance and party at the Forestry Cabin tomorrow.

Departure time for the cabin is 5 p.m. tomorrow. Attire for the evening is "your best hiking clothes."

There will be a charge of \$1.75 a person, which will pay for three meals and a sleeping bag for those staying overnight. Those not staying until Sunday will be furnished rides back to campus Saturday night.

Sunday there will be a work party on the ski trail. The club will return to campus by 3 p.m. Sunday.

# Panofsky Conducts Wind Effect Study

The frequency and strength of gusts of wind are being studied by Dr. H. A. Panofsky, professor of meteorology, in a research project on atmospheric turbulence sponsored by the U.S. Air Force.

The Air Force is interested in the research because of the effect of wind movements on the riding qualities of aircraft, Dr. Panofsky explains. Other practical uses to which statistical data on wind fluctuations can be applied are in the fields of bridge and tower construction and of air pollution dispersion.

### Measures From Towers

Dr. Panofsky, who has been working on related phases of this subject since 1951, takes measurements on wind fluctuations from towers. He observes wind gusts from slightly above ground level to heights of about 400 feet. He measures both vertical and horizontal wind fluctuations.

The basic purpose of the study is the prediction of the character of gusts from easily available data such as average wind speed, temperatures and roughness of terrain.

### Air Movement Studied

Another U.S. Air Force research project on which Panofsky is working also deals with air movements. He is trying to determine the effect of vertical movements of air on weather conditions to help improve the accuracy of weather forecasts. At present forecasts are determined mainly by measuring the horizontal movements of air, although at present large-scale vertical motion is being forecast by a group of scientists in Maryland working with electronic computers.

Panofsky has found that forecasts of vertical air movements alone are not helpful, but when combined with data on the moisture of the atmosphere some accurate conclusions can be reached regarding the probability of precipitation.

### Weather Predicted

For instance, he explains, if the atmosphere is dry and the air is descending, there is almost a 100 per cent probability of clear weather. On the other hand, if the air is moist and is ascending, there is a 67 per cent chance of rain.

The Penn State scientist makes extensive use of local and national weather maps and has used material from the National Weather Bureau Record Center. He has completed his studies of vertical air movements in winter and has started working on the effects of up and down air movements on the probability of thunderstorms in summer.

### Hillel Services Announced

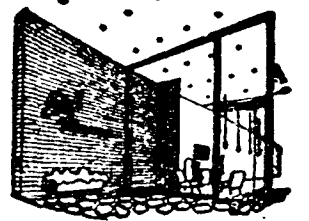
Sabbath Eve services will be held at 8 tonight at Hillel. Rabbi Benjamin M. Kahn will officiate.

## Marines to Mark 181st Anniversary

The University Marine detachment will celebrate the 181st anniversary of the founding of the United States Marine Corps tomorrow.

A traditional cake-cutting ceremony will take place at a party held at Delta Chi fraternity to commemorate the occasion. The party will begin after the Penn State-Boston University football game.

Uniforms have been requested for the occasion. Members of the Platoon Leader Class may wear civilian clothes.



## Through the Looking Glass

by Jan

There's an old Spanish saying that goes, "a kiss without a mustache is like bread without yeast." So glad Skitch is playing for Mil Ball.

### Stereotype?

Have you grown tired of the stereotyped ivy-look in ties? Do stripes and foulards bore you? Well, the country may not be ready for a change, but you certainly are. Through the Looking Glass you'll be able to find the most original collector's patterns in wool, broadcloth, and silk ties. Colors and patterns that are really startling in tie and belt sets, regular length ties and bow ties.

### A penny saved is...

Do you find yourself caught during blue book week without enough money to buy a bluebook? ... Here's a cure ... start saving now! Ethel's has the perfect storing medium. Banks! Everything from penny jars to nest eggs, (embossed with real pennies). There is also an imitation pocket-watch that says, "Time to Save," and a "pin-money" purse that all add to a unique collection.

### Mooooo...

The most convenient mode of toting pencils, paper, books, lunches, pajamas or anything else your heart desires, is a cowhide pocketbook. Most of the bags are large enough to carry all these various and sundry items and more too. Ethel's has an overwhelming selection of these hand-stitched and polished hand-bags starting at \$6.

Don't forget the Christmas shop, it's all ready and waiting for you.

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## MOTHER'S DAY

Room requests for Mother's Day, reservations for Friday and Saturday, May 10 and 11, 1957, will be accepted starting at 8:00 a.m., Saturday, November 10.

WRITTEN REQUESTS ONLY

**Nittany Lion Inn**