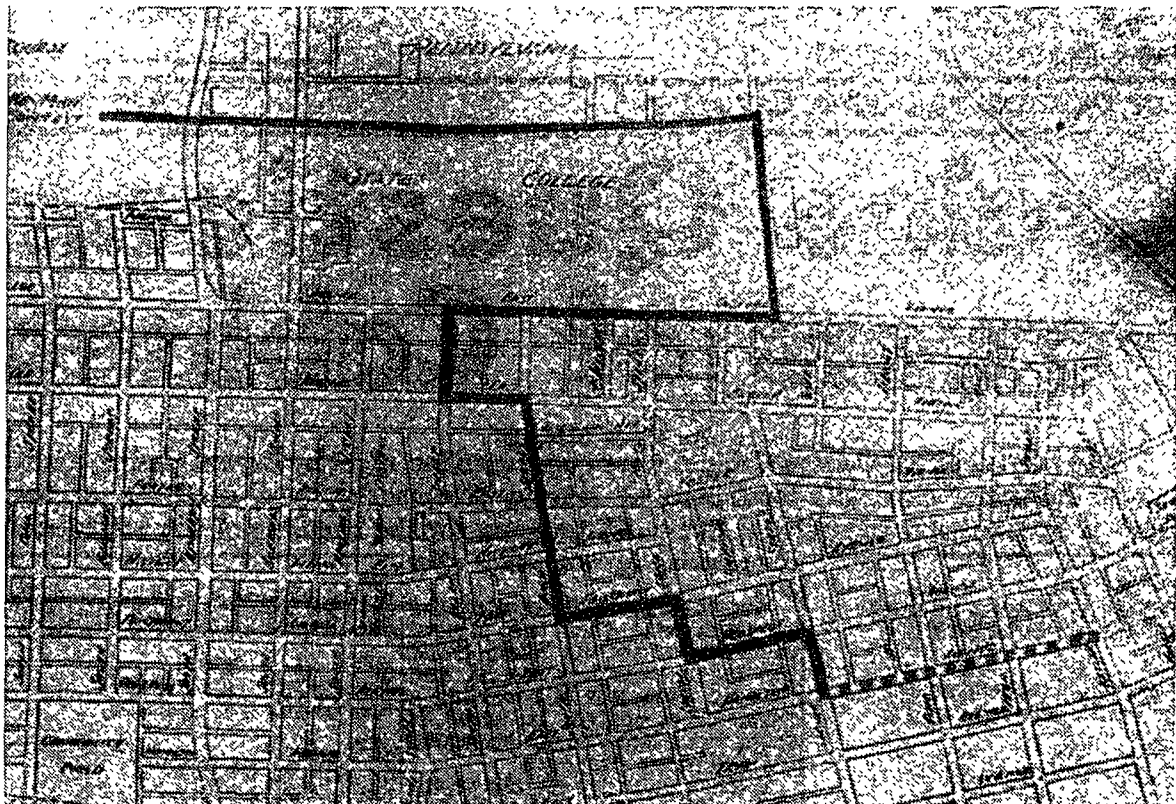


### Costume Parade Route



THE SPRING WEEK Costume Parade (route shown above) will form on Hamilton avenue between Garner and Keller streets as shown by the dotted line and will proceed to the lacrosse field where the All-College He-Man contest will be held. The parade is scheduled to start at 6:30 p.m. Tuesday.

## 6 Bands, 2000 Students Will March in Parade

By BILL JOST

Five high school bands, the Spring Week string band, and about 2000 colorfully costumed marchers will parade in Tuesday night's costume parade, David Bischoff, chairman of the parade committee, announced yesterday.

Forty-nine men are entered in the All-College He-Man contest to be held on the lacrosse field following the parade.

## Chem-Phys To Feature Shock Wave

Shock wave demonstrations, essentially similar to those produced when a bomb explodes or an object travels at supersonic speed through the atmosphere, will be one of the exhibits to be featured at the Chemistry and Physics Open House from 1 to 8 p.m. tomorrow in Osmond laboratory.

Other displays to be shown will feature such fields as acoustics, colloids, and organic chemistry.

The shock wave laboratory exposition is concerned with the study of high amplitude waves in air and other gases. The shock waves are produced in the shock tube by breaking a diaphragm to release a charge of compressed air.

Pictures showing some of the observed phenomena which have no analogy in ordinary reflection of light and sound waves will be exhibited in 14 Osmond.

The acoustics personnel will demonstrate the production of high intensity sound by a powerful siren located in 3 Osmond.

When placed in the siren beam, small insects and animals are killed in a short time. Among the effects demonstrated will be the rapid ignition of cotton when exposed to the siren beam.

In 306 Osmond, the colloid display will be shown. Such common substances as oils, metals, rubber, and water show strange and useful properties when broken into small particles and suspended in liquid.

At this exhibit, visitors will see demonstrated the process used in making rubber gloves, paints, face creams and similar products, as well as pictures and models showing the relative size and appearance of these micro-particles.

"A Snake in the Grass is Worth Two in the Pit"  
**ANA CONDA**  
Alpha Sigma Phi

All the groups that have entered booths in the Spring Carnival to be held Thursday will be entered in the parade. All groups are required to have units in the parade to be eligible for the Spring Week prizes.

### Other High School Bands

Prize-winning costumed groups will receive points toward the Spring Week prizes. The best costumed group will earn 150 points, the best comic group, 100 points, the most talented group, 90 points, and the group with the most original idea, 75 points. Judges will be stationed at the Pugh street gate on College avenue. No group will win more than one set of points.

In addition to the string band, high school bands from Centre Hall, Lewistown, Port Matilda, Spring Mills, and Tyrone will be in the parade.

Parade groups will form on Hamilton avenue. The positions in which the groups are to form will be marked, Bischoff said.

### Shorten Marathon Race

No motor vehicles are being allowed in the parade, but horses may be used.

Bischoff said that the participating groups are going "all out" for this parade, and added that, if the weather cooperates, he expects more than 2000 costumed men and women to participate in the event.

The marathon race scheduled to follow the parade route has been shortened, Jame Geffert, chairman of the Spring Week committee, announced. Under present plans, (Continued on page eight)

## Phys Ed Ends Nominations

All nominations for the offices of the Physical Education Student Council must be turned in today at Moffatt Cottage or to any of the present officers of the council.

Council elections for all offices will be held Monday and Tuesday.

The nominations must include the name of the nominee and the position for which the person is nominated. The present officers of the council are William Mihalic, president; Herman Sledzik, vice president; Margaret Lamaster, secretary; and Nancy Rust, treasurer.

Any student with a 1.0 all-College average or better may nominate himself or be nominated by someone in the school for the council posts.

Only members of this year's junior class are eligible to run for the offices of president and treasurer. The offices of vice president and secretary must be filled by candidates from the present sophomore class.

## Bucknell Student Killed

A Bucknell senior, Frank John Pilarek, 25, was electrocuted Wednesday night while installing a neighbor's television antenna, the Associated Press reported yesterday.

# \$45,000 Would Buy Press Equipment

(This is the third in a series of articles providing background on the five senior class gift suggestions for which members of the Class of 1952 began balloting Tuesday.)

This is the fifth year a senior class has been asked to set aside its gift to the College for the establishment of a student press. Three of the past four class gifts have gone for that purpose, with the classes of 1948, 1949, and 1950 giving all or part of their gifts for the press.

As of this year, \$22,475 has been set aside for the establishment of a student press.

According to a study completed by the student press committee of the Board of Publications, approximately \$45,000 would be needed in capital outlay for the establishment of an offset process student press. Such a press would be able to handle all student publications, including the Daily Collegian, Froth, the Penn State Engineer, and the Penn State Farmer, according to Marvin Krasnansky, former chairman of the Board of Publications and a member of the student press committee.

### Held Cost Investigation

Although this estimate of the cost of a press is by no means complete down to the last piece of machinery, Krasnansky said, it is accurate enough to give a pretty good idea of what a student press will cost. This is the first time students have been presented with a concrete figure on the costs of a press, he said.

"The committee has conducted an exhaustive investigation of the costs of establishing the press," Krasnansky explained, "because we thought it would not be fair to the students if we again asked them for money without giving them some idea of the costs involved. We have made this investigation, and we now feel justified in once again asking the senior class for its support."

In addition to this study of the costs of establishing the press, the committee has also conducted a survey of the student publication work being done by Penn State organizations. According to this report, almost \$60,000 is spent each year by student organizations for printing costs. The survey covers 20 campus publications and 49 fraternity groups, but does not include sororities, political parties, Thespians and Players, and other groups which do irregular and sporadic printing throughout the year.

### Press Would Pay for Self

The committee is now in the process of estimating as best it can the approximate amount of money students can save by establishing a non-profit student press, Krasnansky said. That study will be completed shortly, he said, but there have been some estimates that up to 20 per cent of present costs could be saved. Using the \$60,000 figure, he continued, students could save

## ME Display To Feature Tour, Show

Displays from Industries and a tour of the new Mechanical Engineering Laboratory wings will be features of the ME displays in the School of Engineering open house to be held from 1:30 to 8 p.m. tomorrow.

The displays and the companies which are sponsoring them are a ball bearing bouncing unit, similar to the display in Franklin Museum, Philadelphia; a misalignment tester, SKF Industries; a miniature section of a boiler, animated to show the flow of gas and water, Combustion Engineering Superheat Co.; a miniature model of a Smith-Kaplan turbine, S. Morgan Smith Co.; a regular room air conditioning unit, York Corp.; and an oomphmeter, Westinghouse Corp.

Several steam, internal combustion and diesel engines, and an air compressor will be demonstrated in the laboratory.

A display of drawings and various laboratory reports will be shown in the exhibit. Drawings will be displayed from drawing 12, design 5 and 7, and reports from Mechanical Engineering laboratory 5, 6, 7, and 8.

Other displays have been scheduled for the Architecture, Industrial Engineering, Electrical Engineering, Aeronautical Engineering, and Civil Engineering departments.

Chester Howells, a member of the student coordinating committee for the open house, said that a tour for guests has been routed, starting at Main Engineering, where a copy of the Penn State Engineer magazine will be given to the visitors.

up to \$12,000 a year on their organizational printing bills.

The press would pay for itself within a few years, Krasnansky said, and as such would be the only one of the five class gift suggestions which would serve both a useful and productive purpose as well as affect a saving for students.



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MENU

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FRENCH FRIED SHRIMP  
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DINNER 5 - 7:30 p.m.  
Reservations after 6:30