

Editorials and columns appearing in The Daily Collegian represent the opinions of the writer. They make no claim to reflect student or University consensus. Unsigned editorials are written by the editor.

The Safety Valve

Fragments of Glass

TO THE EDITOR: The onlooker's explanation for the explosion of Rea and Derick's heat strengthened polished glass door is most ridiculous. Air is not "pumped into" the glass.

To temper a glass plate it is heated uniformly until it begins to soften. There is free molecular movement and the entire mass is expanded. The plate is quickly moved to a position between two blasts of air which must be uniformly distributed over the surface with equal pressure on both sides.

The surface thus becomes chilled and rigid. Due to the poor heat conductivity of the glass, the interior portion of the plate cools more slowly and remains molten for some time.

Solidification of the surface by rapid chilling fixes the dimensions of the plate while it is expanded. As the interior cools, it shrinks and tries to draw the surface inward. This it cannot do as the surface is already fixed in size.

Tempered glass is many times stronger than regularly annealed glass and can be deflected nearly six times as far without breaking.

When a severe blow fractures the edge or surface, the characteristic "lace curtain" type of fracture occurs — disintegration into relatively small and harmless fragments as compared to ordinary annealed glass.

—R. G. Ehman, Division of Ceramics

• Letter cut.

Edit. Brief

• Girls who have late permissions for "Hamlet" next week must present reserve seat stubs on returning to their dorms. Is that so a girl can get a refund if her date went sour?

The Daily Collegian

Successor to THE FREE LANCE, est. 1887

Published Tuesday through Saturday mornings inclusive during the College year by the staff of The Daily Collegian of The Pennsylvania State College. Entered as second class matter July 5, 1934, at the State College, Pa., Post Office under the Act of March 3, 1879. Subscriptions — \$2 a semester, \$4 the school year.

Represented for national advertising by National Advertising Service, Madison Ave., New York, N.Y. Chicago, Boston, Los Angeles, San Francisco.

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Spring Week's Comin'

Spring is here at last! Its arrival brings more than budding trees, buzzing bees, nesting birds, sweated coeds and lightly-turning young men's fancies.

To the campus it brings the first annual Penn State Spring Week, which is destined to take its rightful place among the renowned festivals of the eastern colleges.

Big plans have been laid for a tremendous All-College celebration, with a sufficient variety of events to stimulate 100% participation.

Among the outstanding features of the Week is the fact that some of the profits which will be realized as an incidental part of the fun, will aid unfortunate students in the Philippines, through the World Student Service Fund.

The list of events is an imposing one, starting with a Faculty Talent Show and intramural wrestling finals, building up to a gay street Carnival, climaxed by the IFC-Panhel Ball and music by Tommy Dorsey.

But that's not all. The last two days of the Week offer a break-fast radio program from the TUB, a bebop concert, houseparties (independent as well as fraternity) and the Men's Glee Club concert.

Much hard work, original thought and careful planning have been poured into the project to assure its success. It will have been futile if students fail to get into the spirit of the festivity.

Never let it be said that Dartmouth and Cornell can outshine Penn State in "Big Weeks."

Church Calendar

University Baptist

"Religious Resources in Our Library" will be discussed by Elsa C. Lisle, circulation librarian, at the Roger Williams Fellowship student service, 6:30 p.m. Sunday. Supper will be served from 5 to 6:30 p.m.

Reverend Eads will talk on "The Future Life" during the church school college-class hour, commencing at 9:40 a.m. Sunday. At 10:45 a.m. his morning worship topic will be "The Church and Pilate's Washbowl."

On April 2 and 3, the Roger Williams Fellowship will participate in a cabin party.

St. Andrew's Episcopal

Regular services will commence at 7:45 a.m. and 10:45 a.m. Sunday. Supper at a charge of 25 cents will be served at 5:15 p.m. Sunday. After the meal, the Inter-church Student Fellowship will commence.

The public is invited.

Wesley Foundation

Students interested in attending the cabin party at Watts Lodge tomorrow are requested to be at the Foundation at 1:30 p.m.

Sunday morning discussion groups will assemble jointly under the leadership of Mrs. Hibbs. Rev. Frank Montgomery will con-

duct the morning worship, preaching a sermon on the subject, "In the Midst of Conflict." Supper will not be served Sunday night. The vesper service in the Upper Room at 6:30 p.m. will feature a film on "College Students As Missionaries in Japan."

St. John's Evangelical

Rev. Harry M. Buck will preach at the 9:30 a.m. service Sunday on "The Road to Freedom." The student class will convene at 10:20 a.m. and be taught by the pastor. At the 7:30 p.m. service, the sermon, "The Road to God," will be presented by Reverend Buck. A nursery will be conducted from 9:30 a.m. to 11 a.m.

Grace Lutheran

Dr. Dwight Putnam, president of the Central Pennsylvania Synod of the United Lutheran Church, will address the annual Senior Banquet Smorgasbord sponsored by the LSA at 6 p.m. today.

The Bible class will meet at 9:30 a.m. Sunday after which the church service will follow at 10:45 a.m. At the 6:30 p.m. LSA service, Bernhard Gruber, student from Germany will speak. Nominations for next year's off-

Continued on page four

Collegian Gazette

Sunday, March 27

PENN STATE Bible Fellowship, 410 Old Main, 4 p.m.

Monday, March 28

JUNIOR Hotelmen of America, 417 Old Main, 7 p.m.

COLLEGE PLACEMENT

Arrangements for interviews should be made in 204 Old Main at once.

Colgate - Palmolive - Peet Co., March 28, June grads with B.S. and M.S. degrees in ME, ChE, also EE in upper third of class more interested in general engineering than in strictly EE.

Pennsylvania State Civil Service Commission has just announced examinations for the position of senior visitor in the department of Public Assistance. Applications must be submitted by March 31.

Atlantic Refining Co., March 29 and 30, June grads in ChE and Chem. They will also see a few juniors in Chem and ChE or graduate students in Chem who have a 2.0 average or better and would be interested in summer work.

Eli Lilly and Co., March 29 and 30, June grads with bachelor or advanced degrees in Chem, Ag and Bio Chem, Bact, ME, ChE, and Ind Eng.

Army Security Agency, March 28, June grads with B.S., M.S. or Ph.D. in EE (communications). Also math majors for positions as research analysts.

Long Island Lighting Co., March 31, June grads in EE.

Corps of Engineers, March 31 and April 1, June grads in Arch Eng, EE, ME, and CE.

Bell System, March 30, 31, and April 1, June grads with 1.5 averages or better. Bell Telephone Co. of Pa., EE and a few IE grads for engineering planning and or technical operations. Bell Telephone Laboratories, EE grads with 2.0 or better and graduate degree candidates in EE, Phy, and Chem. Although Western Electric Co. will have no employment requirements, their representative will be glad to answer any questions regarding their organization.

EBASCO Services, Inc., March 30 and 31, June grads in ME, CE, and EE, for initial positions in their design and drafting department.

Procter & Gamble Co. will receive applications from sixth semester men from the following for summer employment: ME, IE, EE, Chem Eng, CE, and Metallurgy.

Calvert Distilling Co., March 31, June grads in ME and Chem Eng to start as operators in distillery eventually leading to supervisory work, 1.8 or better, single men only. Also girls for stenographic work and for supervisory work.

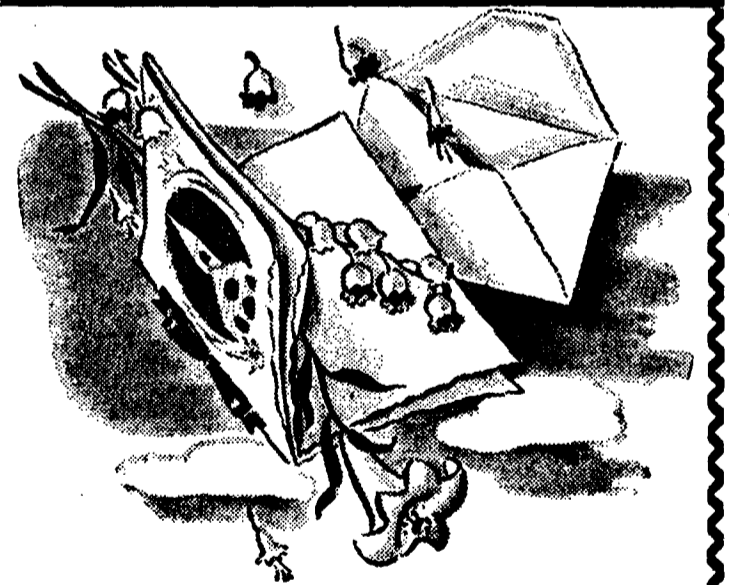
Factory Mutual Engineering Division, formerly Associated Factory Mutual Fire Insurance Co., April 4, June grads for prevention work with industries either as a consulting service or in fire prevention research, Chicago or possibly Cleveland from EE, IE, CE, ME, Chem Eng.

Burroughs Adding Machine Co., April 4 and 7, June grads in C&F and Accounting.

Sears, Roebuck & Co., April 4, 5, and 6, June grads interested in retailing as a career.

AT THE MOVIES

CATHAUM—Criss Cross.
STATE—Paisan.
NITTANY—Great Dawn.



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