

The Daily Collegian

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Build School Spirit For Big Pitt Game

Only one more football game remains in the current season. It is a game which may well prove to be the most important of the 1952-'53 school year. The team's opponent is one of State's greatest rivals.

Despite the fact that it has made poor showings in its last two games, the 1952 football squad is one of the best we've had. So far the student body has been behind the team quite enthusiastically. This is no time to let up in that support. Rather, it is a time when 100 per cent backing should be forthcoming.

Ignore for the moment that a bid to the Cotton Bowl may depend on a win over Pitt. The football team has had a long and hard schedule. By now the players are pretty well tired out. One thing that can perk them up is enthusiastic student support, and they will need this support if they hope to beat Pitt's strong team.

In addition, the team is as downhearted about its showing in the last two games as is the student body. Full student support now could be a great morale booster for the team.

Whether or not a bid to the Cotton Bowl will be forthcoming after a win over Pitt is still speculation. One thing is sure, however. A loss to Pitt would end hopes of a bowl bid. There is no need to discuss the honor and prestige connected with such an invitation.

One way students can demonstrate to the team their faith and support is by turning out en masse at the pep rally scheduled for Thursday. This rally should be the biggest and loudest of the year. To work up enthusiasm, this week has been designated as "Beat Pitt Week." Several groups are already at work on building up school spirit behind the team.

A big time is being planned for Thursday night. Every loyal Penn Stater should keep the evening free to honor Penn State's "bowl-bound" football squad.

AIM Judicial Board Is No 'Spy System'

Before independents raise screams of protest about an editorial appearing in the Daily Collegian Nov. 13 alleging higher scholastic standings among fraternity students than among students living in town or dormitories, they should examine closely one of the reasons cited for this situation.

In reference to study hours, Chuck Oberance said: "Dorm counselors strive to maintain a minimum of noise, but in fraternities almost complete silence is demanded." The rule of complete silence may not always be true in all fraternities at all times, but it is rarely true in any dormitory at any time.

Morgue-like silence may not be necessary to study, but the activities of many dorm students certainly are not conducive to study. These activities include the exploding of "cherry bombs" in dormitories, fights, loud drunks, deliberately smashing College lavatory facilities, loud radios, equally loud arguments in hallways and rooms, and the discharging of fire extinguishers, both in hallways and in a student's room.

These situations are usually expected to be corrected by dorm officers and dorm residents. This does not always work. An example is one student who at first requested quiet and then demanded quiet. His requests and demands were answered in a childish and cowardly fashion by throwing two rocks through his room windows. Notes containing obscene remarks were attached to the rocks.

The answer to these problems may lie in the formation of an Association of Independent Men's Judicial Board of Review. At present, these problems are sent to the Dean of Men's office where there is no student representation. Students may be a bit reticent about turning fellow-students over to the dean of men, but they may not be as kind when there is another group of students to judge the accused.

Arguments have been raised that the proposed board would create a "spy system." This is a peculiar pronunciation of the word government. Certainly some governmental action is needed to protect those who came to the College for at least a smattering of an education. If this results in a "spy system," then let there be one.

—Dick Rau

Mummers Parade Was Big Blunder

The time-tested adage that all projects have their shortcomings, and all good things their sore spots found no exception in this year's Junior Class Week program.

The overall program can be termed successful, but a blunder on the part of the committee ruined the weekend for many persons. That blunder was the proposed mummers parade which was to have preceded the Rutgers game Saturday.

Campus organizations and fraternities spent a great deal of time preparing their floats for the parade. Much of this preparation was done Saturday morning in the rain. Fraternity men who had imports for the weekend ignored them and went without needed sleep to build their floats. Decorations for Saturday's house parties suffered from lack of time spent and time consumed in float preparation.

After hours of wet and cold work, completed floats were driven to Beaver Field for the parade. At the field the floats were met and turned away by Ernest B. McCoy, dean of the School of Physical Education and Athletics.

The reasons: 1. The condition of the track caused by the rain made it impossible for vehicles to be driven over it without doing much damage. 2. The junior class committee members never gained full permission to use the track.

True, the weather was out of the control of the committee, but with only a little foresight, provisions for inclement weather could have been made during the initial planning period. Besides, the chairman of the parade committee had full instructions of what was expected of his group, but failed to follow through completely.

Because this wasn't done, dejected and bitter entrants were turned away from Beaver Field. The parade could still have been held on Pollock road or, with permission, through town. And what will happen to the two proposed prizes for the winners?

How could committee members be so careless as to forget the most important thing about holding such a parade? It is no small error or slight oversight. It was a blunder on the part of the Junior Class Week committee, and nothing more.

The success of the other activities of Junior Class Week may overshadow the discouragement suffered by the persons preparing floats. The committee deserves credit for the success of the class week. We hope that such rubs, however, will provide experience for bigger, better, and more successful class weeks.

—Chuck Oberance

Band Commended For Half-Time Drill

Credit should be given where credit is due, and the Blue Band deserves credit for its drill at Saturday's football game.

Following the Penn game, protest over the band's routine was expressed by many students. Even band members were dissatisfied. Instead of just talking about the matter, however, the Blue Band set to work to remedy the situation. Saturday's routine was the first product of the work.

Dr. Hummel Fishburn has long been in charge of the band's routines. Although he had always asked band members to bring ideas for routines to him, few, if any, were forthcoming. It is easy to understand why over the years some dullness crept into many of the displays. Now, however, a permanent committee composed of the officers of the band is working on the routines with Dr. Fishburn. With these officers changing each year, new ideas are bound to be brought into play.

The band's act on Saturday was the first effort of this committee. It was not the best routine the band has ever performed, but it was better than average. The bandmen worked long and hard to carry out the plan. The routine which had originally been planned was thrown out, and the group started from scratch.

Penn State has always been proud of its Blue Band. It should be even more so now, because the band has proven it can survive adverse criticism and come out on top.

Safety Valve— Parade Confusion

TO THE EDITOR: It was not only water which rained Saturday noontime, but also much confusion was precipitated in relation to the parade which was scheduled to circle the football field before the Rutgers game.

Probably the beginning of the trouble was that permission had been secured to use the track; however, through misunderstanding in procedure for requesting Beaver Field additional people should have been contacted. This the committee was not aware of. This of course was secondary in importance once we witnessed the inclement weather. When contacted, Dean McCoy announced that floats would not be permitted on Beaver Field, because vehicles on the wet track would ruin its surface.

Alternate plans were made, and permission given, to conduct the parade on campus. However, groups which appeared early were not allowed to enter Beaver Field so they returned home. Other floats saw the returning floats and followed, making the parade nothing but a short trip to and from campus.

—Junior Class Officers

Little Man on Campus By Bibler



"I'm sorry, young man, but this class is only open to psychology majors."

Talk About Our New 'Hell' Bomb

By JIM GROMILLER

See Story Page 3

We have it. The Atomic Energy Commission's announcement of Sunday coupled with the reports of servicemen connected with the Eniwetok experiments has convinced Dr. Harold Urey, one of our foremost physicists, and even the most skeptical are only saying that it will be a matter of months before a strategically practical hydrogen bomb will be ready.

Actually the principles behind the "hell" bomb were well-known among physicists when July 16, 1945, a few hundred select persons saw the atomic age dawn on the New Mexico desert.

One of the most startling facts learned about deuterium or "heavy water" after its discovery in 1932 had been that it offered potentialities as an atomic fuel, or an explosive of tremendous energy, provided one condition could be met. This condition was a "match" with which to light it. Here is where the catch crept in—the flame of this "match" would have to have a temperature of 50 million degrees on the centigrade scale.

The atomic dawn over New Mexico gave man the "match" with which to send us into the hydrogen fusion era.

The men working at Los Alamos in those days realized that they could build a superduper bomb of a thousand times the power of the atomic bomb by incorporating deuterium in the A-

bomb, the explosion of which would act as the trigger for the super explosion.

The United States, however, in 1945 with the war over, and hopes for world peace combined with the belief that the United States alone would hold the secret to the atomic bomb for a long while—did nothing to bring the "hell" bomb into reality.

No one knew it then, but in the midst of the inner atomic circle in those days stood a modern Benedict Arnold in the name of Klaus Fuchs. As he confessed five years later he betrayed to Russia the most intimate details not only about the A-bomb but about the H-bomb as well. He was a member of the theoretical division—top rung on the secret ladder of Los Alamos.

The shock when Russia exploded her first A-bomb much sooner than expected, topped by the second shock that Fuchs had handed Moscow all our major secrets on a platter, brought us out of our doledrum. President Truman's announcement to build "the so-called hydrogen bomb or superbomb" came within three days of the Fuch's confession.

There were still problems to be solved with regard to the hydrogen bomb—questions which we now can presume have been answered. The big one was this: "Will the match lit by the atomic explosion burn long enough for its flame to act. In trying to light a match in a strong wind, the wind can blow out the match before your cigarette is lit.

The match for lighting deuterium—the A-bomb—burns only for about a hundred billionths of a second. Is this long enough to light the "cigarette"?

And if not what combination of deuterium and tritium, another form of hydrogen which long ago disappeared from nature and is now being created in atomic furnaces, would ignite when exposed to the "flame" for that brief instant.

The answer was important: Tritium costs nearly a billion dollars per kilogram, while a similar quantity of deuterium can be obtained for about \$4500.

The problem has apparently been answered successfully, but (Continued on page eight)

Gazette...

- Tuesday, November 18
- ART EDUCATION STUDENT FORUM, 136 Temporary, 7 p.m.
- BELLES-LETTRES CLUB, NE Lounge Atherton, 7 p.m.
- BLOCK AND BRIDLE CLUB, 206 Agriculture, 7 p.m.
- COLLEGIAN business candidates, 1 Carnegie, 7 p.m.
- COLLEGIAN circulation staff, junior and intermediate boards, Collegian office, 6:30 p.m.
- COLLEGIAN editorial candidates, 2 Carnegie, 7 p.m.
- FROTH advertising staff, Froth office, 7:30 p.m.
- GERMAN CLUB, McElwain lounge, 7 p.m.
- PANHELLENIC COUNCIL, Alpha Omicron Pi suite, 6:30 p.m.
- PENN STATE CLUB, 405 Old Main, 7 p.m.
- P.R.E.-VETERINARIANS, 109 Agriculture, 7 p.m.
- PSYCHOLOGY CLUB, 204 Burrows, 7 p.m.
- TRIBUNAL, 201 Old Main, 7 p.m.
- W.R.A. BADMINTON CLUB, White Hall gym, 6:30 p.m.
- W.R.A. OUTING CLUB, White Hall game room, 7 p.m.