**By DON SHOEMAKER** 

of the Ford Foundation has granted \$43,845 to the University for research in teaching by closed-

circuit television. The study at the University will

er for any longer than brief per-

ourses

television picture will not be transmitted over the air as commercial television, but will be sent from camera to receiver over a coaxial cable.

The study at the University will mark the first time a program of this type has been undertaken on a large scale. Studies on the use of television for teaching have been conducted at other institu-tions on a limited scale, but nev-

About 50 students will attend from the Dage Thompson Co., in class in the room from which the television is being transmitted About 150 students will watch the Two cameras will be used in

of teaching in each of the three situations will be evaluated.

According to Dr. Carpenter, it is hoped that the equipment will be installed by Jan. 10. The equipment for use in one of the two rooms has already been purchased and is now being tested. The equipment for the other room will be purchased over Christmas vacation. The equipment is being bought

By DON SHOEMAKER Several sections of psychology and chemistry 2 will be taught by television at the University next semester. With an eye toward solving some of the problems which will be created with the expected in-crease in college enrollment with-in the next few years, the Fund for the Advancement of Education

In addition to providing a pos-sible solution to the anticipated shortage of instructors, class rooms and laboratory facilities rooms and laboratory facilities students who are watching the that will come with the expected the lecture on television receivincrease in enrollment, teaching ers may want to ask? by television may have other ad- Dr. Carpenter pointed out that by television may have other ad-vantages, according to Dr. Carpenter.

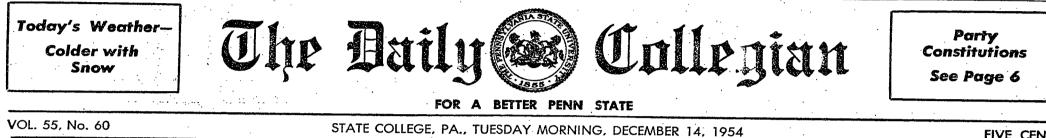
1. It may enable a team of instructors, each a specialist in his own field, to conduct a basic course for large numbers dents.

2. It may enable hundreds of students to see every detail of an experiment or demonstra-tion that can only be seen now by students who sit in the front

The purpose of the study is to answer several questions: 1. Will teaching by television

be acceptable to the student? 2. What about questions that

students who are receiving the instruction in the room from which the television is being transmitted will be able to ask (Continued on page eight)



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Centennial Party Invitations Mail

Invitations and reservation application blanks for the Centennial Birthday Party to be held Feb. 22 in the Hetze' Union Building were mailed yesterday and the program for the dinner has been released.

The dinner, which will mark the opening of the Centennial celebration at the University, will be held at 6 p.m. in the

Debaters Second—

# FIVE CENTS University Is Ninth otal Enrollmen

The University, with a total enrollment of 13,110 full-time students, was ranked ninth in the nation among colleges and universities in a survey conducted by Dr. Raymond Walters, president of the University of Cincinnati. The University ranked 11th last year.

The enrollment this year, which includes full-time students at University centers as well as on campus, shows an increase of 1472 over last year's total of 11,638.

The survey, however, did not include the full-time enrollments of the University of Illinois nor the University of Texas. Both of these universities are believed to have larger enrollments than the University. The University of Illinois ranked sixth in the nation last year and Texas University was ranked below the University.

## **Snow Flurries** Are Expected Throughout Day

will continue to receive some snow, a spokesman for the weather station said areas to the east of State College will get much

In grand totals, which includes both full and part-time students, the University remained in 19th place. New York University re-mained on top in this category with a grand total of 39,401 students.

### Covered 846 Schools

inch or two of snow that was ex- colleges-94.5 per cent of all such

ten in full-time enrollment are the University of California, 35,273; State University of New York, 22,849; University of Min-nesota, 20,399; University of Min-igan, 18,750; Ohio State Univer-sity, 18,084; University of Wiscon-sin, 14,952; New York University, 13,955; Michigan State College, 13,780; the University, 13,110 and University of Indiana. 12.497. Donald Werb, seventh semester aeronautical engineering major, suffered minor leg injuries when the car he was driving collided with another operated by Peter R. Smith, State College, Saturday Lane, State College police said. Damage was estimated at \$200. In a three-car collision, police said a car operated by Peter Kief-University of Indiana, 12,497.

**AutosDamaged** In Collisions

One student was injured and the autos of four other students

said a car operated by Peter Kiefer, fifth semester arts and letters major, skidded and hit the rear

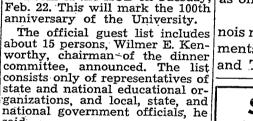
**Debaters 2nd** In Bucknell **I** ournament said.

Penn State debaters placed sec-ond in the Bucknell "Good Neighbor" Tournament last week-

Sidney Goldblatt and Carl Saperstein debating the affirmative of the national debate topic "Re-solved: That the United States should extend diplomatic recognition to Communist China" defeated the Penn State Women's Debate Team, Scranton College, and Bucknell University. They lost to Wilkes College.

Scranton, and Wilkes.

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#### Invitations to Apply

ballroom of the HUB on Tuesday,

All others, including members of the Board of Trustees and mem-bers of the dinner committee, will be invited to make application for reservations.

Board of Trustees, Executive Board of the Alumni Association, Council of Administration, University Senate, Faculty Advisory Council, All-University Cabinet, The negative team of David Meckler and Jonathan Plaut de-feated Kings College, Bucknell, State College Bucknell,

Cranton, and Wilkes. Goldblatt ranked third in in- and officers of selected student

Snow flurries throughout the The survey covered 846 ap-day are expected to add to the proved universities and four-year

pected to fall last night, the Uni-versity weather station has re-ported.

In keeping with the first snow of more than an inch at the University during December, the weather turned colder last night. Temperatures today will hover around freezing.

Although the Borough did and

