

-Collegian Photo by Bill Goodman DERBY DAY SKILLS: An unidentified coed attempts to maintain her composure while doing the "limbo" in the Sigma Chi-sponsored event. Other participants look on, awaiting liheir turns. Kappa Delta sorority took the honors in this event.

Derby Day Awards Presented

awards ceremony Sunday evening.

Derby Day activities began Thursday with a derby snatch which lasted until Saturday night. On Sunday afternoon sororities competed in eight events on the Hetzel-Union lawn.

Thetae Phi Alpha sorority was X1 Delta, the pie-eating contest; named the over-all winner of the Alpha Epsilon Phi, the milk-Sigma Chi Derby Day at an drinking contest; Alpha Delta Pi, the fire call contest and the flour Awards presented included 10 contest; Kappa Delta, the limbo plaques and a trophy. contest; and Delta Delta, the broom and ball contest.

Theta Phi Alpha, won the egg throw as well as the fish and egg contest. The sorouty also cap-tured the derby snatch with a total of 38 derbies. Kappa Kappa Winners of plaques were Alpha for the best spirit.

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Research Review

New Radio Telescope Used In Observing Energy of

By CLAUDIA LEVY

Bursts of energy from the surface of the sun, generally identified with sun-spot regions, are being observed by researchers via the University's new radio tele-

Information from the activeareas of the sun is being related to activity on earth, John P. Hagen, professor of radio astronomy and director of telescope research, said. Hagen, a former National Aeronautics and Space Administration associate director, said that the telescope uses radio waves in the same manner an optic telescope uses light rays.

"ACTUALLY WE 'hear' signals from the sun more than we see

The radio astronomy program is now a part of the Ionosphere Research Laboratory in the Department of Electrical Engineer-

gram will be to relate solar activity with changes in the ionosphere the transition zone be-tween the earth's atmorphere and space and the governor of all long-range communications, Hagen said.

He defined solar astronomy, a branch of astronomy that deals if this changes conditions we can with poserving the sun and interpreting the outer envelope. preting the outer envelope of the sun through analysis. This study gives insight into the nature of the interior of the sun and the search for the processes of energy from within the sun.

In the central regions of the sun, energy change is made by conversion of matter to energy, as in a nuclear reactor, he explained. On earth the conversion is one of fusion similar to energy created in a hydrogen bomb. The sun

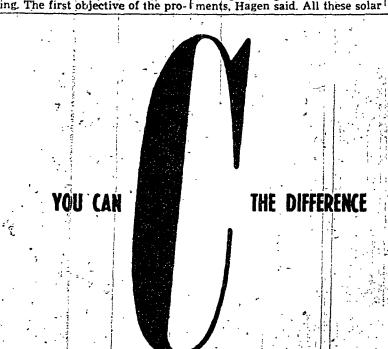
phenomena will be studied as they affect the path of signals passing through the ionosphere and as the signals reach the earth

Chages in the galaxy will also be studied.

"The galaxy act; as a radio transmitter to receive signals detect it by signaling in different ; frequency levels."

The radio astronomy work will expand in scope when the rerearchers start making observations of the moon and planets as well as other galaxian radiation from distant stars, Hagen said.

"RADIO ASTRONOMY is the newest active field in astronomy, he explained. "Questions asked in radio astronomy are directly re-lated to the space program. The creates tremendous heat by con- connection leads to a better undernecting hydrogen to heavier ele-i standing of the solar system as a



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Students Will Need Matric and Activity cards.

If You Vote In Dining Hall, Will Need Meal Ticket.

POLL HOURS

HUB & MALL DINING AREA

9:30 a.m. - 5:30 p.m. 11:30 a.m. – 1:00 p.m.

4:30 p.m. - 6:30 p.m.

Floating Polls will be starting at 6:30 p.m., Tuesday evening. Will cover Fraternity and T.I.M. area. Fraternity men must have fraternity plus or membership cards