

University Has Daily Quakes

Explosions and earthquakes are occurring every day on campus, but no one seems to notice them.

There is no need for alarm, however, for the explosions are produced on a small scale as part of a research project being conducted by the Department of Geophysics. The project is under the supervision of Dr. B. F. Howell, Jr., head of the department.

Howell and his associates are trying to get significant information on the difference between earthquake waves and waves originating from underground nuclear blasts.

THE PROJECT is being carried out under the auspices of the Federal Government on the assumption that nuclear test ban talks in Geneva might prove successful, Howell said.

He added that the information he receives from his experiments will then enable him and other men in his field to determine whether detected earth waves are

of natural origin or are from a nuclear blast.

In order to simulate actual circumstances, Howell has built a model of the earth which is in the form of a disk, one-eighth of an inch thick and 26 inches in diameter.

ON THE MODEL he has placed simulated mountain ranges, cracks in the earth's crust, changes in the thickness of crust and other variations. The disk is rotated to provide the effect of the earth's rotation.

Elastic waves from earthquake

sources are simulated by a small device on the inner wall of the model. The device simulates waves from earthquake sources by expansion and contraction of a crystal.

The waves produced are so faint that only the most sensitive detection apparatus on the surface of the model can record the shock produced.

The project is being carried out under a \$6,700 grant from the Air Research and Development Command, U.S. Air Force.



SALESMAN ILLEGALLY TRIES TO SELL MAGAZINES to a group of coeds. Under the guise of taking a public opinion poll, he and other salesmen tried to get students to buy magazines. In doing so they violated a University ordinance prohibiting the sale of such items on the campus.

Magazine Salesmen Invade Pollock Rd.

By JUDY SCAFFIDI

Young magazine salesmen who were in evidence along Pollock Road near the center of campus yesterday may not be around long today.

According to Lt. Paul Stewart of the Campus Patrol if the young men are seen by any of the patrolmen or if the fact

that they are back is brought to the patrol's attention the salesmen will be informed of the University policy on such matters and asked to leave.

According to George L. Donovan, co-ordinator of student activities, it is against University policy for a business "to use university property for private gain."

THE YOUNG MEN sought to sell magazine subscriptions by stopping students purportedly for a survey of their magazine preferences.

According to several students they were asked which they preferred among two or three magazines and then asked if they would like a free subscription.

The students said that they were then told that they would have to pay handling and postage for the long term subscription.

One of the salesmen, James Wilts, who claimed to earn between \$125 and \$150 "in a good week," said that three salesmen plan to be working on campus until Friday. Then their trip, he said which brought them to the campus yesterday from Syracuse, will take them to Washington, D.C., on their way south.

ALTHOUGH, he said, they usually approach students and offer two or three magazines, they sell any one of 25. After working awhile he claimed "you can tell whether a student would be more interested in a fashion magazine or a news magazine.

Wilts had a one-day peddling permit for the Borough of State College. According to Donovan this is not valid on the campus.

Two Men Escape From Rockview

Two inmates escaped from the Rockview Correctional Institution early yesterday morning. The escapees were working in a saw mill when they were reported missing.

One of the men is Merle Fleming, 25, who was serving a term of from two to five years for forgery. Fleming is five feet, 9 1/2 inches in height and weighs 170 pounds. He is of medium build, has hazel eyes, brown hair and a medium dark complexion.

The other escapee is Robert Frankouser, 26, who was serving a term of from 2 to 10 years on 14 counts of burglary. Frankouser is five feet, 11 inches in height, weighs 158 pounds, is of medium build, brown eyes and hair and medium dark complexion.

Lafayette Chaplain To Speak Sunday

John M. Currie, Chaplain of Lafayette College, will give the sermon, "Words of Music and Faith," at 9 a.m. Sunday in the Helen Eakin Eisenhower Chapel for the summer chapel service.

Currie led a study seminar in the Middle East for six weeks in 1957 and led similar groups throughout Africa in 1957.

ed by Willa Taylor, will sing "Christ, Be Thine the Glory" by Heinrich Schuetz.

A word or

TWO'S ENOUGH

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