

Photos by  
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## Engineers exhibit environmental solutions

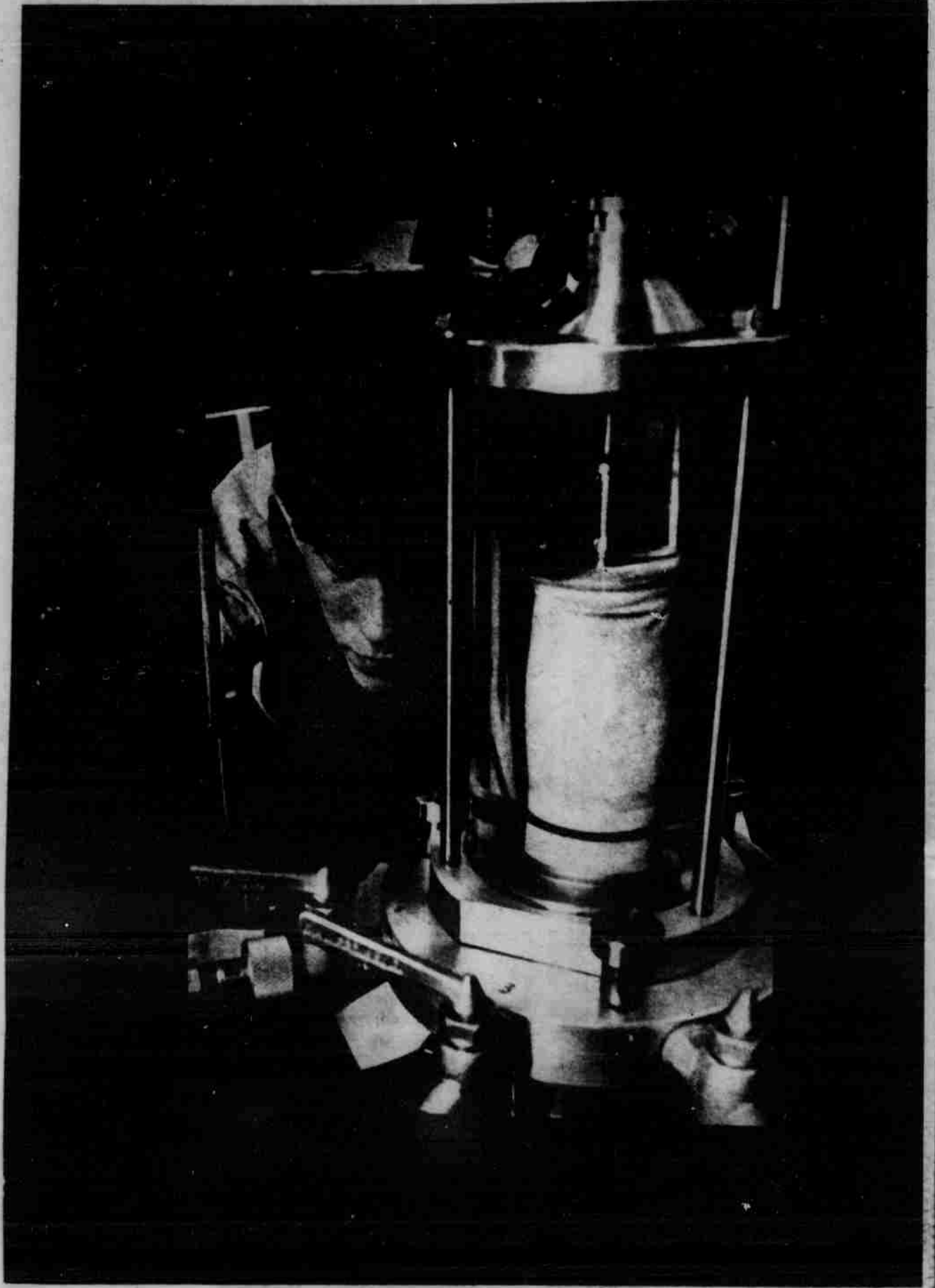


Exhibit. . . Bob Boomer checks a gauge on a soil pressure experiment.

The 56th annual Engineer's Week will be highlighted by the dedication of the Nebraska Engineering Center and over 75 engineering displays, according to Bob Mullendore, E-Week co-chairman.

"E-Week, April 10-15, is an annual display of our college's engineering talent for the benefit of the general public," Mullendore said. He added the "best part about E-Week" is that it is planned and carried out by the students themselves.

Roger Bantz, E-Week co-chairman, said: "Some very new ideas have been set forth in many projects which may well become important to society in the near future and may indeed prove to be the keys to our survival."

Interim Dean George Hanna, Jr., echoed the social relevance of Bantz's statement. He said, "E-Week displays will depict the activities of the various engineering disciplines and deal with problems of our society and environment. Engineering applications to the solution of some of these problems will be demonstrated in such areas as structures, energy conversion, wastewater treatment, transportation, electronics, communications, food production, computer applications and many others."

The world renowned Russian Scientist Yuri Sarkisyan will speak at a convocation Friday at 11:00 a.m. in the Nebraska Union. Sarkisyan, who is currently a guest professor at Stanford University, has published numerous books on kinematics and related engineering mechanics subjects, Mullendore said. Sarkisyan's first book, he added, was published when he was 22 years old.

Mullendore said there will be an open house at the new Nebraska Engineering Center from 2-10 p.m.

Friday. Visitors will view engineering displays from eight departments and from several high schools.

The dedication of the Nebraska Engineering Center will be Saturday. The \$5.1 million building has space for teaching and research laboratories for civil, mechanical, electrical, industrial and systems management engineering and engineering mechanics. A bronze plaque engraved with the names of the regents and the state seal will be unveiled at the ceremony. The Center will be open to the public from 10:00 a.m. - 5:00 p.m.

E-Week activities will end with a banquet Saturday night featuring Louis Lungstrom.

Lungstrom received both his B.S. in mechanical engineering in 1937 and his master's in 1939 from NU. He received an honorary doctor of engineering degree from NU in 1962. Lungstrom was appointed director of the General Motors Environmental Activities Staff in April 1971. Lungstrom began his career with GM in 1939 as a test engineer.

E-Week has not always been the calm, organized activity that it is today, according to Gael Kennedy, E-Week Board secretary. E-Week activities were initiated in 1894 and due to their success were continued annually, he said.

Parades, floats, banquets and field days used to highlight E-Week activities, Kennedy said.

"During the early years of E-Week's existence the Daily Nebraskan ran an article referring to the engineers as 'shop men' and 'calloused, grimy handed, north-side tenement dwellers.' The engineers retaliated by stealing the press and running their own editions."

Departmental rivalries between engineers, law students and pharmacy students over the years have resulted in mass free-for-all with "clubs, milk bottles, table leaves and chairs," Kennedy said. One time four hundred engineers stormed the law college throwing eggs, breaking windows and a door. Police were called to break up the "fun" and four lawyers were hospitalized.

An increase in attendance is expected for E-Week this year, largely due to the new engineering complex, predicted student Rod Moseman. Through the State Math and Science Teachers Association over 2,700 math and science teachers were contacted and encouraged to attend E-Week with interested high school students. High school students who show an interest in engineering or who have pre-registered for engineering for next fall were sent brochures explaining E-Week and encouraging them to attend, Moseman said.

Moseman said attempts had been made to involve local industries with E-Week activities, but that response has been slight.

The benefits of E-Week are numerous, according to Moseman. The students involved with E-Week learn to work together and to work effectively, Moseman said. He stressed that E-Week projects are put together in a manner similar to industry, which provides valuable training for the students.

Moseman added that E-Week attempts to display a positive constructive activity to the public eye. He noted that the Lincoln community, students' parents and the college community all have a chance to view some of the educational facilities at UNL during E-Week.