

Banquet

The evening banquet is the climax of the Engineers' Week events, and because only five hundred tickets are available, the banquet tickets are being limited to students and faculty, thus making it a stag affair. This limita-

tion will permit more engineering students to attend the banquet than would be possible otherwise. At the banquet, besides the field day and the Engineers' Week awards, the winners of the O. J. Fee award, the Blue Print awards and the Sigma Tau freshman scholarship award will be announced.

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Engineering Mechanics

The EM department will illustrate their work with displays of drawings made by students from all levels of drawing courses, illustrations of operation of blue-printing and black & white reproduction systems with souvenirs for all visitors, and displays of drawings and models of engineering kinematics and mechanisms. Also on display will be various drawing and lettering instruments in operation including the revolutionary new vari-graph device.

In addition there will be many exhibits of the EM department operated by civil engineering students. These include special demonstrations of the methods and techniques of soil testing, a working model of a typical concrete plant, standard tests on cement, samples of material from each stage in the manufacture of Portland cement, and a special demonstration of testing machinery. One of the chief features will be the operation of the giant 440,000 lb. hydraulic testing machine which crushes large concrete cylinders. Other testing devices will be seen examining the torsion and ension of steel bars, the compression tests on brick, concrete, and wood, and impact tests on automobile safety glass.

Mechanical Engineering

Chief features of interest in the ME lab will be the liquid air demonstrations and the foundry operation. All of the labs and shops will be open to the public and operated by students at Open House. These include the machine shop and demonstrations of pattern making, the operating power lab, the metallography lab, and the fuels and lubricants lab.

Spring Outwits Inquisitive Cub

BY EARL KATZ.

What is Spring?

According to the dictionary which lists 18 different definitions Springs is (1) A source of water; a springing; a rising; (2) Act of springing, rising suddenly, jumping or the like as: a leap, bound, jump, leaping darting.

Scoop, the rag reporter, was baffled. Here it was Spring but he had seen no evidence of student in the "act of springing or rising on the campus or in classes suddenly, jumping or the like as: a leap, bound, jump, leaping or darting?"

Was Webster wrong? Did the dictionary actually err? These thoughts passed sluggishly thru Scoop's spring-fevered brain.

His Boss had told him to write on Spring, but Scoop just didn't have the energy. Spring fever had set in. He sat at his typewriter trying to collect his wandering thoughts. (One thought wandered over to the Union, another wandered over to the Dorm.

Scoop was fighting a losing battle. His head began to nod. The dictionary fell from his nervous fingers. That unknown quantity—Spring—had overcome him.

When last seen by his friends, Scoop's only comment on the subject was z z z z z!

"May I ask what your son is doing?" one clubman asked another.

"But of course," was the reply. "He's a naval surgeon."

"Goodness!" cried the first, "how doctors do specialize!"—L. Duke Slohm.

Agricultural Engineering

There will be an exhibit and demonstration of agricultural machinery with emphasis on a comparison of the automatic wire tie baler and the roto-baler. Also there will be a demonstration of tractor power, an exhibit of the new "cub" and "pony" types, as well as the operation of the constant running power take-off shaft. In addition there will be a display on rural electrification and the diesel-electric generating system. Also there will be two movies shown after dark: A feature on soil conservation and a feature on beet harvesting, an important part of western Nebraska agriculture.

Military Engineers

The engineering students of the ROTC have prepared exhibits to illustrate their special field of engineering. There will be a display of various weapons from small arms, machine guns and other automatic weapons, the 60 and 81 mm. mortar, up to the big 105 mm. howitzer. There will also be exhibits of the various instruments used for fire control including the aiming circle, the 80 cm. base finder, the BC scope and the plotting boards. In addition there will be a display and demonstration of military signal communication equipment which will include field phones, the BD-71 switchboard, and the SCR-300 radio system.

The U.S. Army Engineers office at Omaha is also represented by a complete photo display of their field work in the Nebraska Area which clearly illustrates their important work.

In addition, a movie on prospecting for oil, exhibits on welding, on metal spraying, operating motors, a complete B-29 propeller assembly, and numerous other displays located throughout the building.

Naval Engineering

The Naval ROTC has prepared demonstrations and exhibits to show the special character of engineering as applied to naval problems. One display will be the large gunnery exhibit of the famous five inch naval gun complete with director and computer, and a demonstration of loading technique for this weapon. There will also be a 20 minute technicolor film of the purposes and work of the NROTC. Highlight of the display will be a complete Sonar trainer in operation. This is the famous device used by the Navy to detect enemy submarines and other craft, a sort of under-water radar. This equipment will be operating and accompanied by a short movie on a special Sonar problem. Besides these exhibits there will be demonstration of various navigational devices, instruments, and methods.

Elec. Engineers ...

Continued from Page 3

ingenious gadgets and displays that will attract attention, hold the interest, and at the same time illustrate clearly the almost unlimited uses of electricity.

Highlights of the EE show will be a system for writing your name electronically on a cathode-ray tube, an electric organ, a music-sensitive rainbow color sign, and a continuously pouring coffee pot. Also there will be displays of generating machinery in the power lab where the public will have the opportunity of operating the machines themselves, where they can test their strength, get a personality analysis electrically, and try their hand at synchronizing generators. In addition to these exhibits there will be the curious tesla coil, exhibits of dial and mobile telephones, safety and burglar alarms, and a high frequency pop corn popper.

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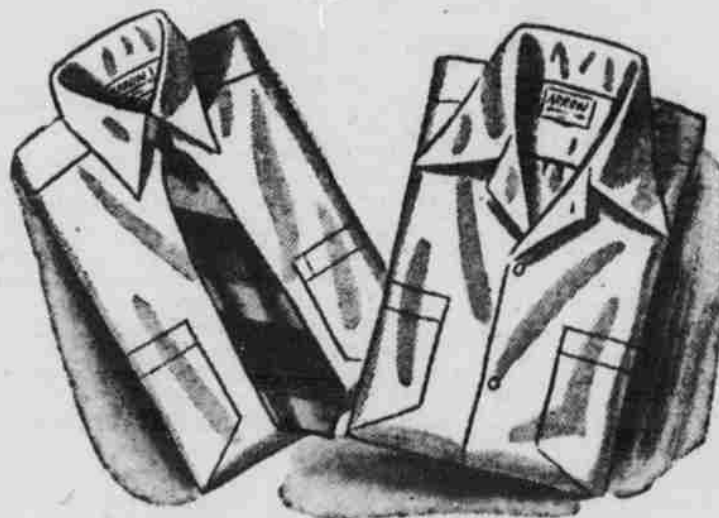
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