

# Army Requires Math Training

By RUTH KAY COLLINS

"Where in the course of four years are youth to find mathematical problems which will extend their intellectual horizons and stretch their mental muscles?" asked Admiral C. W. Nimitz, commander in chief of the Pacific fleet, in a letter written last November to Professor Louis I. Bredvold of the University of Michigan. Professor Bredvold, who is a member of the university advisory committee on military affairs, requested data and figures from the training division of the Bureau of Navigation in Washington, D. C., to illustrate the need of mathematical training in American high schools and colleges to aid the national defense effort.

From the data compiled by the bureau, come the following figures illustrating that other than engineering students, few college men are sufficiently trained in math to qualify for officer's training in the navy:

#### Exam

"A carefully prepared selective examination was given to 4,200 entering freshmen at 27 of the leading universities and colleges of the United States." Of these—

68 per cent of the men were unable to pass the arithmetical reasoning contest.

63 per cent failed the whole test, which included also arithmetical combinations, vocabulary and spatial relations.

#### Not Close

The majority of failures were not merely borderline, but were far below passing grade. Of the 4,200 entering freshmen who wished to enter the Naval Reserve Officers' Training Corps, only 10 per cent had already taken elementary trigonometry in high schools. Only 23 per cent had taken more than one and a half years of mathematics in high schools.

The report by the bureau of navigation showed that this lack of fundamental education is a major obstacle in the selection and training of midshipmen for commissioning as ensigns, V-7.

#### Rejected

"Of 8,000 applicants—all college graduates—some 3,000 had to be rejected because they had no math or insufficient math at college nor had they ever taken plane trigonometry," the bureau writes.

Because of a deficiency in the early educations of the men involved, it was found necessary to lower the standards in 50 per cent of the admissions at one of the training stations. The requirements had to be lowered in the field of arithmetical attainment in order that the necessary number of men might be enrolled.

## Campus Calendar

The Badminton club will not meet for the remainder of spring term.

Fencing club meetings have been postponed for the remainder of spring term.

Sigma Delta Chi will meet today at 4 p.m. in 105 Journalism rather than Monday as was announced yesterday.

## OREGON DAILY EMERALD

Ray Schrick, air raid warden

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### Three New Greeks

Latest additions to fraternity rolls are: Robert Ruber, Delta Upsilon; Herbert Grant, Delta Tau Delta; and Willis E. Elliott, Sigma Alpha Epsilon.

## Yasui Losing Curfew Battle

Minoru Yasui, American-born Japanese graduate of the University, is fast losing his battle to prove the unconstitutionality of the alien curfew laws. He was indicted last Wednesday by the federal grand jury on charge of violating the alien curfew.

It was the first indictment on this charge returned in the United States, according to United States Attorney Carl C. Donough. He forecast that the prosecution would result in a test case, if contested.

Yasui deliberately violated the curfew and then gave himself up to the police, announcing that he planned to test the validity of the curfew order. Donough said that penalties provided fines up to \$5000 and imprisonment up to a year, or both, under the act.

The indictment against Yasui was one of 13 returned by the secret body. Eleven of the 13 were open and 2 were secret.

### Ensign Tells

(Continued from page one)

members of the University defense council met with the naval officer in the faculty club to discuss deferment possibilities.

Dr. Kossack may be reached at his office, 107 Deady hall.

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## Cash Prizes To Top Off Libe Day

Cash prizes for the best personal libraries maintained by Oregon students will be awarded by the University library on its sixth annual library day, May 2.

The contest, which is open to both graduate and undergraduate students, offers two prizes of \$10 and \$5, respectively, for each group.

Students entering the contest must make their entries by noon of April 29 at the librarian's office. The number of books to be displayed must not exceed 50.

#### Judging Points

Judges will consider personal taste used in the selection of the books and the care with which a special interest has been followed; the usefulness of the collection as a whole to the owner; and its value as a nucleus of a library for future years.

Copies of the complete rules and all the points on which the judges will base their decisions may be obtained at the library.

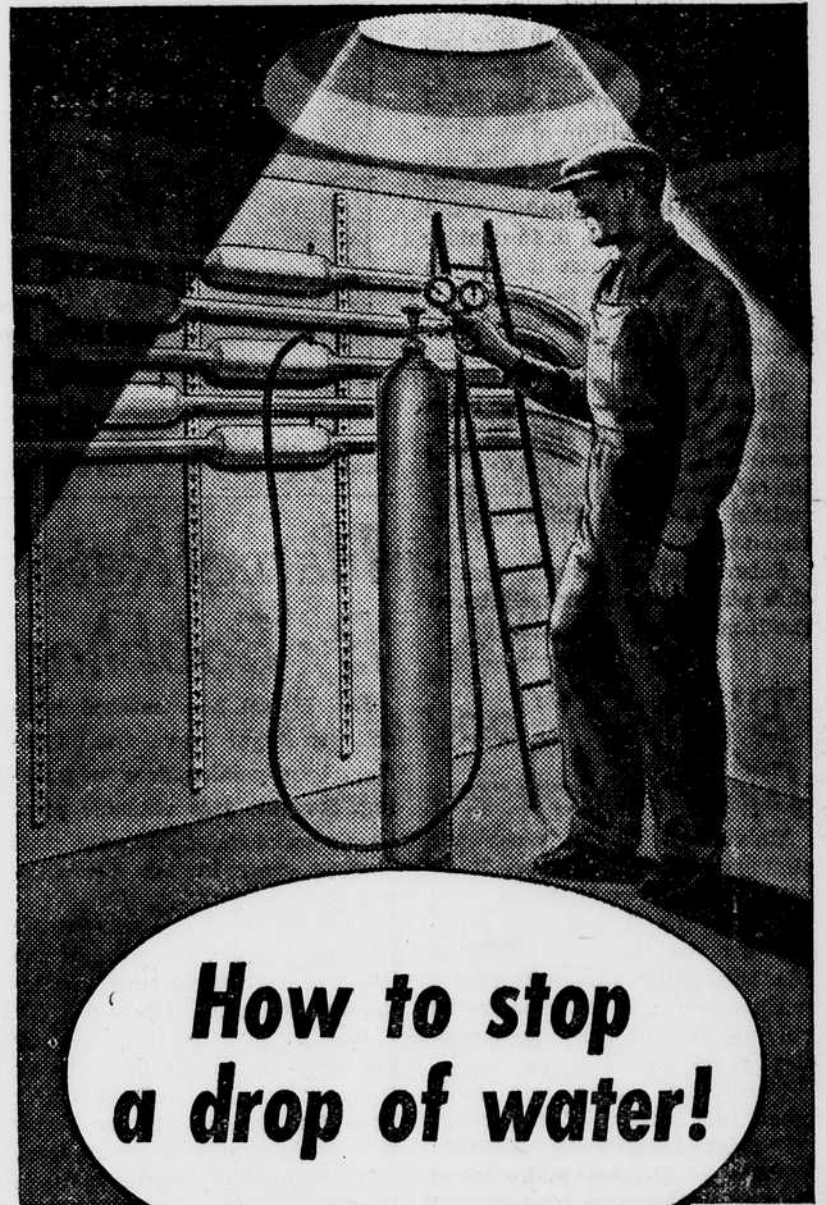
## Oregon Grads Featured In Magazine Articles

Two prominent University alumni have been featured in national magazines within the last week, it was learned here yesterday. They are Lester Steers, world champion high jumper, now living in Portland, and Vivien Kellems, president and founder of the Kellems products company, and one of the few women manufacturers in the nation.

The magazine that featured Steers was Colliers, which contained an article, tracing his early athletic training up until the time when he broke the world's high jump record as a sophomore at the University. Steers is now employed by the Oregon shipbuilding corporation and has dropped his high jumping for the "duration of the war."

Miss Kellems, one of the foremost women manufacturers in the nation, was featured in a Saturday Evening Post story. Her outstanding business career was described at great length. As president of the Kellems product company, manufacturers of electrical cable grips, Miss Kellems is playing an important part in the nation's defense effort.

A proposed college of veterinary medicine at the University of California has been deferred until after the close of the war.



## How to stop a drop of water!

A tiny pin-hole in a telephone cable can admit moisture, causing short circuits and service interruptions. But Bell System men have found a way of beating this trouble to the punch.

They charge the cable with dry nitrogen under pressure. Then should a leak develop, the escaping gas keeps moisture out. Instruments on the cable detect the drop in pressure... sound an alarm at a nearby station... indicate the approximate location of the break. A repair crew is quickly on its way.

To maintain and improve America's all-important telephone service, men of the Bell System are constantly searching for the better way. Pioneering minds find real opportunity in telephone work.



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