

NO ONE'S AN EXPERT

Good Term Turn-out Hoped For by WRA

By Tina Fisk
Emerald Feature Writer

"WRA's for everybody, and we hope to have a good turn-out for the events this spring," Nikki Trump, Women's Recreation association president, has declared.

She emphasized that nobody has to be an expert to participate in women's sports. There's activity for everyone.

Main intramural sports this term are tennis and softball. There will be individual as well as doubles competition in tennis. In addition, softball teams representing the living organizations will be organized for competition, she said.

Activities Listed

Besides the intramural program there are the activities of the WRA's three major clubs: amphibians, field hockey and outing. These, too, are open to anyone who is interested.

Amphibians, women's swimming honorary, will be holding try-outs soon, according to Sally Stadler, president. Selection for membership is based upon the girl's swimming ability and interest in aquatic activities.

Pageant Planned

The "amphibs" program will be active again this spring. The gala water spectacle "Under the Big Top" will be presented before visiting high school seniors during Duck Preview weekend, April 23 and 24. This novelty water pageant, played two nights during the winter term as one of the WRA's money-raising activities. The only other source of raising funds is the WRA Carnival, a campus-wide event held during winter term each year.

"If you'd like to enjoy some of the sunshine and get a little exercise at the same time, join the hockey club," urges Charlotte

Martin, president. The teams, the "Cascades" and the "Evergreens" play against each other throughout the year. However, the high point of the activity was last fall when the girls went to the Pacific Northwest Field Hockey tournament at the University of Washington. It included teams from colleges in Oregon, Idaho, Washington and Canada.

Or, there's the outing club for those who just like to be out-of-doors.

"We've a varied program," says Judy Counts, outing chairman. It includes breakfast hikes, outings into the mountains, weiner roasts, some novelty hikes, and an overnight trip to the coast as the final spring outing. Last year the club finished their outings with a visit to the coast which included the Oregon Caves and the House of Mystery.

The club isn't a selected group declared Miss Counts. All that's necessary to join is interest and participation.

Novices Welcome

"Interest and participation" are the key words to all activities in the WRA. Novices are welcome in all sports. There's no need to be an expert because women's physical education instructors will show beginners all they need to know to have fun.

Each living organization has a WRA representative to keep her group posted on events. The yearly program for intramural competition concentrates on two sports each term. Activities change every three months.

This year's program included volleyball and bowling in the fall and basketball and badminton during the winter. Tennis and softball will be played this spring.

Quorum Lacking For Senate Meet

(Continued from Page One)

Koppe, April 6, to discuss the mill-race.

Clubb read a report on the Mill-race which will be turned over to the city council for study. Wrightson said two alternative plans were suggested in the report but expressed doubt that any action will be taken by the council in the near future.

3 To Attend

Wrightson also announced that he, Al Karr and Bob Summers will attend a meeting at Southern Oregon College of Education, May 1. The meeting will be divided into five discussion groups and plans will be laid for the Oregon Federation of Collegiate Leaders, convention next fall.

Sam Vahey and Janet Gustafson reported that the rally board has made tentative plans to select the fall term yell king during spring term.

Miss Gustafson also told the senate of a tentative plan to select the rally squad from sophomore and junior women rather than freshmen, so that the entire squad would be organized when school opens.

Any decision by the rally board for changing the selection dates for yell king and the rally squad would have to be approved by the senate.

Don Bonime, co-chairman for Duck Preview, was unable to attend the meeting to present a scheduled report.

Committee Urges Preview Invitations

Students going home this Easter weekend have been urged by the Duck Preview invitations committee to contact high school seniors about the senior visitation weekend, April 23 and 24.

Chairmen Donna Lory and John Vazbys also reminded students to write letters immediately to their high school friends telling them of the weekends activities.

Scheduled for the visitors are a "vodvil" show, tours of the campus, group meetings with their future professors and the Saturday night Duck Preview dance.

Sammies Withdraw From Float Parade

Two changes in the Junior Weekend float parade pairings listed in Wednesday's Emerald have been announced by Mary Wilson, parade co-chairman.

The changes were made necessary by the withdrawal of Sigma Alpha Mu from participation and the decision to have Carson hall participate as a unit instead of dividing according to floors, Miss Wilson said.

Phi Gamma Delta, previously paired with Carson three and four, will be paired with all of Carson, and Phi Delta Theta, previously paired with Carson one, two and five, will replace SAM in the pairings with Alpha Phi and Stitzer hall.

Spring Pledging Nears End; 30 Now Signed Up

Men students who wish to pledge this term must sign up in the Office of Student Affairs by Saturday noon. The final day for pledging is April 24.

Thirty students have signed up already this term, the office of Student Affairs announced.

Cobalt Weapon Dwarfs H-Bomb's Radioactivity

by Associated Press

During the Korean War, the suggestion was made unofficially that a radioactive no-man's-land be created across which the Communist could not pass. That, it was argued, would solve everything. Aggressors would be cooped up behind a combination of the Great Wall of China and the Maginot Line.

However, the life of available radioactivity was highly overrated. Whatever the other aspects of the proposal, the experts said it just wasn't practical to sow radioactivity on such a broad scale. Most of the radioactivity from an atomic bomb, for instance, disappears within a few minutes.

In London early this year, however, an atomic physicist—Professor Otto Frisch—speculated that the key to prolonged radioactivity was at hand after all. He said it was possible with the cobalt bomb, a conventional hydrogen bomb in a case of cobalt metal.

Normally a hydrogen bomb would have a case of steel. Steel becomes only mildly radioactive in the fusion explosion. The radioactivity disappears rapidly.

It Takes 5 Years

Cobalt, on the other hand, would become intensely radioactive . . . 320 times more radioactive than radium. Moreover, cobalt loses half its radioactivity in 5 years, instead of in a matter of minutes as with many other radioactive products.

What makes cobalt radioactive? Bombardment by neutrons, one of the components of atoms, turns the metal radioactive. That has been done in the laboratory.

Cloud Brings Death

The heat of the bomb blasts would be calculated to vaporize the cobalt. The result, so scientists see it . . . a radioactive cloud that would bring death wherever it drifted.

From there on, of course, all is speculation. No cobalt bomb has ever been tested, and none is likely to be. It is considered impossible to contain the resulting cloud.

This speculation runs to the possible explosion of cobalt bombs far at sea in such a manner that the radioactive cloud would drift across the enemy homeland.

Albert Einstein said back in 1950 that the hydrogen bomb would make possible radioactive poisoning of the world. Professor Leo Szilard of the University of Chicago has estimated that 400 one-ton cobalt bombs would do the trick.

Objections Raised

On the other side of the coin, experts may point to this:

First of all, 400 hydrogen bombs, or the materials to make

them, probably do not exist. Nor are they in immediate prospect.

Second, once a cobalt bomb was exploded and the deadly cloud released, it would be beyond the control of the aggressor as well as the attacked. With a half-life of 5 years, it would almost certainly turn against its user; it would just be a matter of time

Poison gas was given up by the military forces of the world not only because it was considered inhumane, but because it's tricky to use, anyway.

The radioactive cloud from a cobalt bomb would move relatively slowly, with the prevailing winds. It would probably take a day or so to reach the coast of an attacked nation. It would take several days thereafter to drift across the nation.

That would permit a considerable period of warning . . . far more, for instance, than is now in prospect were a hydrogen bomb attack to be made directly on our cities.

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