



TRYING THE EMERALD subscription contest trophy for size in Hendricks Hall are Susanne Krier, left, and Julie Ann Smith, right. The contest is being carried on between all women's living groups.

Activity Points

Positions are open for chairmen and committee members on the Dad's Day Hostess Committee. Included are judges, elections, and general secretary committees.

Petitions are being called for by the Special Events Committee for Dad's Weekend. Positions open are chairmen for registration, visitation, and publicity committees and also committee members for the above jobs.

The YWCA is now sponsoring a membership drive. All girls who are interested in participating in the Y's various activities should join now. A girl may participate without joining the Y or she may join by paying the membership fee of \$1.50

Women interested in doing volunteer work at Sacred Heart hospital to assist in the children's ward or with the admittance of patients should contact the YWCA office or report to the hospital. Hours for the work would be during the afternoon after 2 p.m. and during evening hours.

Women students may petition for AWS offices until January 31.

Petitions are to be on AWS blanks and are to be returned to the petition box on the third floor of the Student Union.

Only juniors may petition for president, only sophomores for secretary or treasurer, and only freshmen for historian or reporter.

Chairmen and committee members for the Dads' Weekend luncheon committee are needed. Petitions will be due for the posts at 5 p.m. Friday in the ASUO petition box, Student Union third floor.

Committees open are favors, table decorations, ushering, publicity, and committee secretary. Further information is available from co-chairmen Chris Carnefic and Ellen McMurtry at DI 4-7834.

KWAX needs record librarians. Anyone interested see Donalee Dunkeson, KWAX broadcasting studio, third floor, Villard Hall.

Subchairmen and committee members are needed for Dads' Weekend ticket committee, according to Carolyn Hesch and Kenneth Lansing, co-chairmen.

Petitions for the posts will be due Friday at 5 p.m. Further information about the positions is available from Miss Hesch at Ext. 489 or from Lansing at DI 5-5672.

There are now vacancies on the following SU committees: Creative Arts, Dance, Coffee Hour, Publicity, Talent, Art Gallery Public Relations, Jazz and Recorded Classics.

People interested in filling these positions must file their petitions prior to 5 p.m. Friday, according to Diane Duncan, chairman of the SU Personnel Committee.

Petitions for general chairmen of the AWS apple polishing party, to be held during Women's Week (February 10 to 14) must be turned in to the Student Union petition box by Friday, according to Sue Walcott, AWS president.

Petitioners will be interviewed by the AWS cabinet the following Tuesday at 4 p.m. in the AWS office.

Women To Meet About Scholarship

All women below a 2.0 for fall term and women's organization scholarship chairmen are asked to meet in the Student Union today at 4 p.m., according to the office of the dean of women.

Enrollment Drops At Portland State

PORTLAND (AP) — Portland State College has enrolled 3,086 students for the winter term.

The figure represents a drop of 113 students from the peak enrollment in the fall term.

Libby Foresees Bright Future . . .

(Continued from page 1)
active isotopes, which are atoms having the same electronic structure but different nuclear structure.

Atom Weights Differ

Because the electronic structure (the outer part) of an atom determines its properties, and thereby its name, atoms may have different weights but rightfully have the same name. As the difference of the structure varies, so may the weight.

Because of this uranium may weigh 235 or 238 or more. The deviation from the normal weight of an element creates an isotope.

"Many isotopes are radioactive, that is, they emit particles and electric charges as their nuclear nucleus nuclei change and collapse," he said. These radiations are very uniform in quantity and duration. They are measured by a geiger counter.

Thus the wear on machine parts made mildly radioactive can be measured by the amount of radioactivity in the used oil from the machine. Tiny bits of the worn metal are in the oil.

Libby went on to explain the problems of producing atomic power. "The atomic fuel burned changes quickly into plutonium which at present we do not know how to 'burn' other than in atomic bombs," he said.

Harnessing this plutonium ash and finding uses for still other radioactive ashes hinders the nation's progress in producing cheap atomic power.

Commissioner Libby ended by saying that England was likely to get large scale atomic power first, since there such power is profitable to produce. It is not profitable in the United States.

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Well, perhaps, if you want to be strictly literal.

And yet, when she reaches college age will she be too late? Too late to get the kind of higher education so vital to her future and to the future of her country?

It all depends.

There is in the United States today a growing threat to the ability of our colleges to produce thinking, well-informed graduates. That threat is composed of several elements: an inadequate salary scale that is steadily reducing the number of qualified people who choose college teaching as a career; classrooms and laboratories already overcrowded; and a pressure for enrollment that will double by 1967.

The effects of these shortcomings can become extremely serious. Never in our history has the need for educated leadership been so acute. The problems of business, government and science grow relentlessly more complex, the body of knowledge more mountainous. The capacity of our colleges—all colleges—to meet these challenges is essential not only to the cultural development of our children but to the intellectual stature of our nation.

In a very real sense, our personal and national progress depends on our colleges. They must have aid in keeping pace with their increasing importance to society.

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