

# Fruit Fly Discoveries Made by C. W. Clancy

C. W. Clancy, associate professor of biology, has found that fruit flies, which inherit black tumors of the eye, also have their kidney-like organs splashed with a dark-red pigment.

The discovery was announced this week by the American Cancer Society which supports Clancy's research.

Clancy is investigating the pigmented eye tumors in fruit flies which is caused by a broken and healed section of one stringy chromosome. Genes are displaced on the broken chromosome making it impossible for the flies to manufacture nucleic acid, an essential compound in the living substance. However, if the fruit flies are fed the nucleic acids they are unable to make, the large black tumors of the eye can be corrected.

The unusual color effects may be due to a broken chromosome in either the male sperm or fe-

male egg, or it may be caused by some indirect effect.

Clancy has found that as eye tissues deteriorate, the animals' excretory organs redden. He wants to know whether the cells collect pigment from the black tumor of the eye, or whether the broken chromosome strand is directly responsible.

## Awards Given at Library Banquet

The Association of Patrons and Friends of the University Library will hold its annual dinner meeting Saturday evening at 6:30 in the Student Union.

Harry C. Bauer, director of libraries and professor of librarianship at the University of Washington, will be the guest speaker at the dinner and will discuss "The Best Competition."

Also at the meeting, Librarian Carl Hintz will present awards to winners of the Student Library Contest and the Peter Pauper Press essay contest.

Visitors are welcome to the meeting and reservations can be made through Tuesday. Tickets are priced at \$1.75 each.

## ROTC Teams Vie For Drill Trophy

The Army and the Air Force ROTC drill teams will compete Tuesday afternoon at 2 o'clock for the Master Sergeant Walter Ledbetter award. The award is given annually to the winning drill team.

Hayward field is the site of competition and the public is invited. In case of rain Tuesday, the competition will be held Thursday afternoon at 1 o'clock.

M-Sgt Ledbetter is a technical assistant at the ROTC department. He initiated the award last year when it was won by the Air Force drill team.

## Professor Emeritus To Conduct Seminar

George Polya, professor emeritus of Stanford university, will conduct a math seminar for faculty members and students Thursday night.

Topic of discussion will be the "Definition of Probability." Polya will speak at a joint meeting of the University and Oregon State college mathematics students Tuesday at Corvallis. He will trace mathematics "From Elementary Solid Geometry to Differential Geometry."

## Professors on KOAC Give Panel Discussion

A panel discussion "Why Is America Misunderstood?" will be broadcast on KOAC tonight at 8:30. The program will feature Max Ascoli, editor and publisher of The Reporter magazine,

E. S. Wengert, dean of the political science department, and Charles T. Duncan, professor of journalism, will act as moderators.

## Employee Assn. Receives Report

The Oregon State Employees' Association on campus was host to the Eulane (highway employees) chapter at a recent meeting in the Student Union.

The two groups met together for the purpose of hearing a report by two state officials on the recent legislature's acts which affect state employees. The speakers were Rudy Meffert, assistant state executive secretary of the association, and Ross Newcombe, district director.

Also at the meeting new officers were elected for the local chapter. The new officers are—William C. Strong, physical education department, president; Clarence Elliott, foods and dormitories department, vice-president; Gladys Smith, registrar's office, secretary-treasurer; Vera Harrington, Student Union, assistant secretary-treasurer; Elliott, delegate to the state convention, and Newcombe, recommended for district director.

## Barker Wins Award in RO

Richard Barker, junior in business administration, was awarded the Jimmy Burleson scholarship Thursday afternoon at the Army ROTC drill.

The award was presented to Barker by Lt. Col. James Burleson of Dallas, Texas, a former Oregon student. Lt. Col. Burleson is the ROTC co-ordinator for the state of Texas.

The award is presented annually to the outstanding Army ROTC junior who is specializing in accounting. Last year's winner was Gary McAdams, senior in business.

"E" company was named the outstanding company on the basis of the previous drill hour's performance. Don Crawford, first year student in law, is the cadet company commander.

## Campus Calendar

Noon	ORDN Lunch	110 SU
	Spanish Tbl	113 SU
6:30	Orides	Gerl 3rd Fl
7:30	Co-op Bd	110 SU
8:30	RE Wk Exec	YM SU

**Don't Miss 'The Prior Claim' Unusual Science Movie**  
TUES.—7 P.M.—Science 123  
Sponsored by IVCF

## What young people are doing at General Electric

### Young scientist works on new ways to handle "hot" radioactive fuel

Whenever uranium is "burned" in an atomic reactor, certain valuable elements such as plutonium are left behind in the "ash."

These products are highly radioactive, but they must be recovered because of their great value to the atomic energy program.

This is the job of 31-year-old H. Ward Alter, Supervisor of the Separations Chemistry Unit at the AEC's Knolls Atomic Power Laboratory, which General Electric operates in Schenectady, N. Y.

#### Alter's Work Is Vital, Important

Alter is doing his job well. He has already received the Coffin Award, General Electric's highest honor, for developing an apparatus that makes possible faster, safer, and more efficient recovery of the valuable elements in the "ash."

The work done by Alter and his group helps lower costs, increase efficiency and expand our knowledge of the chemical processing of spent radioactive fuels.

#### 25,000 College Graduates at General Electric

When Alter came to General Electric in 1948, he already knew the work he wanted to do. Like each of the 25,000 college-graduate employees, he was given his chance to grow and realize his full potential. For General Electric has long believed this: When fresh young minds are given freedom to make progress, everybody benefits—the individual, the company, and the country.

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**H. WARD ALTER** joined G.E. in 1948 at Knolls Atomic Power Laboratory after receiving a B.A. in 1943 and Ph.D. in Chemistry in 1948 at U. of California. He served with the Manhattan Project at Oak Ridge, 1944-46.

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