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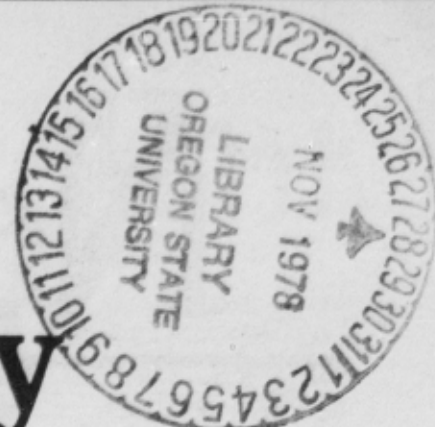
# the daily Barometer

OREGON STATE UNIVERSITY, CORVALLIS, OREGON

VOL. LXXXIV, NO. 44

## tuesday

NOVEMBER 28, 1978



## Temporary blindness provides insight



By DICK CLARK  
Barometer Writer

Temporary blindness afflicted some members of the Aesthetics of Human Movement class Monday morning.

A predetermined exercise in the physical education class made pairs of students observe the campus surroundings without the use of their eyes.

"The purpose of the exercise was to make students more aware of themselves and trust other persons," said Pat Ingram, physical education teacher. "It made them more aware of their surroundings in the environment," she said.

Students divided into partner groups with one person having their eyes covered with patches. The other student aided the handicapped individual by helping them around obstacles.

Members of the class made change in the Memorial Union Commons, and walked through areas on campus. While guided by their partner for the first half of the hour long experience, students separated from touch during the last part.

The process will be repeated Wednesday morning with the guides and blind students exchanging roles.

"At first I was not very trusting of the person accompanying me, but then I became used to the situation," said Steve Christiansen, junior in physical education. "It was really a shock being without sight," he said.

Ingram originated the idea of the blindness exercise at O'Carver High School in Washington where she taught physical education. She incorporated the idea last year into the Human Movement class.

"Students were enthusiastic about the exercise and would like to have done it longer," said Ingram. "I would like to make it from one class period to another if that was feasible," she said.

The Human Movement class teaches appreciation of sport and the beauty of human movement.

"The temporary blindness teaches persons more about the world and makes them depend on other senses," said Ingram.

"It was much more fun than I expected because we explored areas that seemed different without sight," said Dave Conner, sophomore in physical education.

Last year, a deaf day was experimented with the use of cotton in the ears to inhibit the sense of hearing. Ingram would like to try a combined blindness and deafness period to observe student reaction.

"The exercise made me appreciate the ability to see and made me aware of my other senses," said Doug Booster, sophomore in athletic administration. "It as a very worthwhile experience."

Students will be able to communicate with other persons better in the future because of increased awareness from this exercise, said Ingram.

Doug Booster, sophomore in physical education, leads classmate Dave Conner, sophomore in physical education, down some stairs in Snell Hall as part of a class to increase the students' awareness of their surroundings. (Photo by Steve Dipaola)

### inside

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### weather

Good news for skiers. The freezing levels will hold near 6,000 feet because of these storms, providing for the new snowfall in the Cascade ski areas over the next two days.

The first in a series of storms will spread rain over all of western Oregon and Washington today. The arrival of the second storm system on Wednesday will likely increase rainfall rates over western Oregon. This storm will also increase snowfall rates in the Cascades.

Local forecast: Warmer, cloudy with periods of light rain today and tonight. Rain increasing Wednesday. High today near 50, low tonight near 40. Southwest winds 10-20 mph today and tonight.

# NewsWire

## Oregon briefs

### One fatality recorded

SALEM (UPI) — Oregon went through the four-day Thanksgiving holiday weekend with only one traffic fatality and that fact sent Vinita Howard of the Motor Vehicles Division to the record books today.

She said the records only go back to 1970 but this past holiday weekend, even with adverse weather conditions, is the first time since then that the state has recorded only one traffic fatality.

That one came early Saturday when Margie Bradford, Portland, died after her car struck a highway divider in northeast Portland.

### FAA to upgrade control

PORTLAND (UPI) — The Federal Aviation Administration must bring the Portland International Airport's tower up to the authorized staff number and upgrade the control area to improve a dangerous situation, the head of the controller's Portland union said.

Larry Nichols, president of the Portland chapter of the Professional Air Traffic Controllers Organization, said airports like Portland are classed by the FAA as a terminal radar service area. He said these areas are authorized to have a traffic control staff of 49 to 55 workers.

"But we're operating at Portland with just 31 controllers actually controlling air traffic," Nichols said.

Nichols said since the tower is manned 24 hours daily, seven days a week these controllers are spread fairly thin. He said this includes one who is on sick leave and "others working as training officers who are carried as staff but never talk to any airplanes."

### Demos hold caucus

SALEM (UPI) — Despite a 34-26 edge in the state House of Representatives, Democrats have yet to agree on a speaker and are not expected to meet until Saturday to again try and resolve the matter, a House majority office spokesman said Monday.

Democrats met Oct. 11 in an effort to select a speaker from among their ranks but, with members split into three camps, little headway was made.

Among leading candidates, Rep. Hardy Myers of Portland holds the edge for the moment with a reported 21 votes in his camp. He is followed by Rep. Jeff Gilmour of Jefferson, one of a band of eight conservative democrats who has garnered all eight of his colleagues' votes.

House Majority Leader Ed Lindquist, Milwaukie, has five votes committed to his speaker campaign.

### Suspect goes to court

PORTLAND (UPI) — Robert Steve Moore, 34, accused of murder in the death Saturday of Lisa McCaulley, 34, who had been hospitalized after she was allegedly assaulted Thanksgiving day, appeared in district court Monday.

Moore was initially arrested on a first-degree assault charge after the woman was reported to have been kicked in the head and upper part of her body several times.

Police said they were uncertain of what triggered the alleged assault by Moore, who had lived with the victim in the Portland area.

### Lower rates sought

PORTLAND (UPI) — Portland General Electric should reduce electric rates in Oregon by the \$10 million for construction work in progress, a group of consumer and environmental organizations said Monday.

The group said it will present its position at a Public Utility Commission hearing on Wednesday into the effects of passage of Ballot Measure 9 on PGE's pending rate increase request. The measure, passed at the Nov. 7 general election, provides that limitations be placed on public utility rate bases on construction before a project is concluded.

## San Francisco mayor, supervisor die in shooting

SAN FRANCISCO (UPI) — San Francisco Mayor George Moscone and a member of the city's Board of Supervisors were fatally shot in City Hall Monday by a man identified as a former supervisor apparently upset because Moscone did not plan to reappoint him.

Police said Moscone, 49, was shot in the head during a private meeting in his office with former supervisor Dan White less than an hour before a news conference Moscone had called to name another candidate to the post White resigned recently, but to which he subsequently asked for reappointment.

After the Moscone shooting, White allegedly walked across City Hall and fatally shot Supervisor Harvey Milk, 48, an avowed homosexual elected to the board last year.

Within an hour after the shootings, White turned himself in at a nearby police station.

The shootings came while San Francisco, home of most members of the Rev. Jim Jones' Peoples Temple, was still stunned by the mass suicides at the cult's compound in Jonestown, Guyana. There apparently was no connection between the

two cases, although Moscone had appointed Jones as head of the city's Housing Authority in 1976. White, considered a conservative on the board, was not known to have any connection to the Peoples Temple.

The shooting of Moscone took place in the mayor's complex of offices on the eastern side of the city hall building, on the second floor just south of the building's rotunda. After shooting Moscone, the killer exited through a side door onto the main marble corridor and walked along the rotunda balcony to the supervisors' offices on the western side of the building, entered Milk's office and shot him.

In her office a few feet away at the time was Dianne Feinstein, who as president of the board of supervisors is Moscone's designated successor.

It was Mrs. Feinstein who first related the shootings to reporters.

After the shooting, police sealed the building and kept it closed until White was apprehended.

Although City Hall has metal detectors at each entrance and guards on duty who check each person

entering, a guard on duty there said members of the Board of Supervisors are exempt from the security check.

Moscone's press secretary, Mel Wax, said White had an appointment with the mayor and the two of them went into Moscone's office alone. Wax said he and other aides heard noises but did not recognize them as shots.

He said White left by the back door of the mayor's office.

"We went into the mayor's office and he was dead," Wax said.

Moscone, 49, was elected mayor in 1975. He previously had served on the Board of Supervisors from 1963-66 and then served in the California state Senate from 1966 through 1975. He served as majority

leader of the Senate prior to his election as mayor.

Moscone was a native San Franciscan, and attended University of the Pacific and Hastings Law School of the University of California.

He served in the Navy, then began practicing law in San Francisco in 1956.

Moscone and his wife, Gina, have four children ranging from age 14 to 21.

Milk, 47, a camera store owner and leader of San Francisco's large homosexual community, was elected a supervisor in 1977.

At the time of his election, Milk said, "The victory will give hope to minorities, hope to the disenfranchised and to people who always felt the government didn't work. They feel if a gay can do it, they can do it."

## Communist leader Mazurov resigns

MOSCOW (UPI) — Communist Party member Kirill T. Mazurov stepped down from the powerful Politburo Monday and Konstantin Chernenko, a

protege of President Leonid Brezhnev, was made a full member of the top party organization, the official Tass news agency reported.

Tass said Mazurov stepped down after 13 years in the Politburo "on his request because of his poor health." Even in situations where a politburo member is removed, it is almost always announced as occurring at his request.

Mazurov, 64, was one of the younger members of the ruling Politburo. He rose to membership in the top body in March 1965.

The plenum, held in advance of the Supreme Soviet session scheduled Wednesday, also named two new alternate members to the Politburo.

Edvard Shevardnadze, first party secretary of Georgia, was named a candidate along with Nikolai Tikhonov, first deputy chairman of the Council of Members.

Chernenko, 66, the new Politburo member, is viewed by Western observers as a close associate of Brezhnev.

Chernenko, head of the so-called General Department of the Central Committee, was singled out by Brezhnev as a "Hero of Socialist Labor" during the party congress in 1976.

Observers said the move was not unexpected and further solidifies Brezhnev's position and strengthens his hold on the party.

## Parliament group proposes expulsion of Iranian senator

TEHRAN, Iran (UPI) — A parliamentary commission today proposed the expulsion from parliament of a senator listed among prominent Iranians who allegedly siphoned off a fifth of Iran's annual oil revenues into foreign bank accounts within the past two months.

Adm. Ali Rezai, a steel magnate, is charged with business malpractices resulting in losses of millions of dollars to Iran's state-owned steel corporation.

The Senate action came a day after renewed violence Sunday claimed another 14 lives during a clash between troops and anti-shah demonstrators protesting desecration of the holiest Shiite Moslem shrine in Ashad.

The senate commission recommended that the senate deprive Rezai of his immunity and membership of the house.

Rezai was among 144 top Iranian personalities mentioned in detailed allegations of \$2.4 billion cash transfers to foreign bank accounts, made by Iran's central bank employees Sunday.

Rezai was alleged to have sent abroad \$53 million.

While circumstances in which the huge cash outflows took place were still unclear — the government made no comment on the disclosures — the allegations came as the

shah stepped up his crackdown on family members accused of malpractices.

A three-member committee appointed by him to look into the princely riches began its work today, but no dramatic announcement was expected immediately.

Radio Iran, in a surprise interview with former Prime Minister Dr. Ali Amini, highlighted the country's political problems despite the formation of a military-led government by Premier Gen. Gholam Reza AAhari early this month.

Amini called for "unity of all national forces" and said he was prepared to bring all political forces together to solve the nation's problems.

Amini has been frequently mentioned as the likely next prime minister in the shah's search for an end the deadlock with the clergy-led opposition.

The death toll in Sunday's army shooting in Gorgan, northeast of Tehran, rose to 10 with another 46 injured, according to political sources.

Religious sources said the death toll was higher and that 60 injured were admitted to Gorgan hospitals.

Other Iranian cities hit by rioting Sunday were reported calm.

# Bayh, Dole claim colleges waste talent

By MARK MACMILLAN  
Barometer Writer

A wealth of scientific talent at American universities like OSU is going to waste as a result of bureaucratic red tape and illogical governmental regulations, according to Sen. Birch Bayh (D-Indiana).

Bayh and Sen. Bob Dole (R-Kansas) have announced that they are introducing the University and Small Business Patent Procedures Act to go before Congress.

Bayh explained current federal regulations have prohibited universities and small businesses from obtaining patent rights on inventions if any of the research leading to the invention was supported by federal money.

"The problem, very simply, is the present policy followed by most government agencies of retaining patent right on inventions," Bayh said.

He added that government sponsored research is often basic rather than applied research. Therefore, many of the resulting inventions are at a very embryonic stage of development and need substantial expenditures before they actually become a product beneficial to the public.

OSU has taken a part in this push for more help to inventors so that they may bring their product to a national level by beginning a Student Patent Committee two years ago.

The committee helps students develop their ideas by answering questions and helping those with promising invention ideas with financial aid.

"It's important that students know where to come with their ideas," said Ralph Shay, assistant dean of research and faculty advisor for the Student Patent Committee. "We hope to be able to instill an interest in students and have them come to us."

"By giving a greater outlet to students, we should be able to help stimulate the economy," he added. "Lately the United States has been improving on old inventions instead of new technology, and maybe by providing outlets to students, we can move more towards new technology."

There are some interesting facts to back up claims of people like Bayh and Dole.

The average number of patents granted yearly to Americans has dropped from 45,600 in 1966 to 33,400 in 1976. In contrast, the number of patents issued to non-Americans during the same period has increased from 9,567 to 18,700, almost

doubling.

The major factor that seems to stand out is the federal government, which supports research and development in the amount of \$2.6 billion a year.

The government controls the patent rights that come from these federally funded projects. These are patents on basic research, ideas which have gotten no exposure. Small businesses and universities would like to see these ideas which are presently untested to be developed.

Senator Bayh gave his reason for the proposed bill, saying that it will help the schools and businesses get exposure.

"The bill Sen. Dole and I are introducing will allow universities, non-profit organizations and small businesses to obtain limited patent protection on discoveries they have made under government-supported research, if they spend additional

private resources necessary to bring their discoveries to the public," said Sen. Bayh.

One important provision of the bill will allow the government to recoup its investment in research projects. Under this "pay-back" provision, the federal government would be reimbursed for its research expenditures out of royalties or income in excess of a fixed figure.

"At a time when we want to be careful about how we utilize our hard-earned tax dollars, it seems to me that it makes good sense to have the federal government's investments in research projects pay off," said Sen. Bayh.

Students with ideas for inventions should contact the Student Patent Committee for possible financial aid. The committee meets regularly to review student ideas. Contact Shay for more information.

## Council sets open house for student awareness

by RENEE SCHAFER  
Barometer Copyeditor

An Open House to increase student awareness of cooperative living is being sponsored by the Intercooperative Council this week. The first in a series of three Open Houses begins tonight at 7 in Anderson House, 2406 NW Jackson.

The Open House is for all students and will last approximately 30 minutes, according to Ab VanEtten, ICC president.

"Speakers from the house (cooperative) will explain what a co-op is and a question and answer period will follow. The house will be open for browsing after that," VanEtten said.

According to VanEtten, students don't know enough about housing opportunities on campus to make an informed decision about where to live.

"Most students live in co-ops only after they've been unable to get housing in a residence hall. They are more or less forced into it. This way (through the Open House) they may know enough to make a choice," he explained.

Roger Fricchette, assistant director of housing, said OSU, with 10 houses, has one of the largest cooperative systems in the United States.

"The ICC pamphlet defines a co-op as a 'small living group of 30 to 60 students who

work together to provide congenial, low cost housing.' That's a reasonable definition," he explained.

VanEtten offered more description. "Co-ops are run similar to fraternities and sororities. You live more closely than you would in a dorm, but are allowed more individuality than you'd get in the Greek system."

Expenses for living in a co-op run from \$1000 to \$2500 a year. The people in the house share the responsibility of house upkeep which lowers the cost. Members spend two to four hours a week working around the house doing duties such as vacuuming and washing windows.

Wednesday the Open House will be held at Reed Lodge, 2900 Jefferson Way, and Thursday at Oxford House, 957 SW Jefferson St., will be the host house.

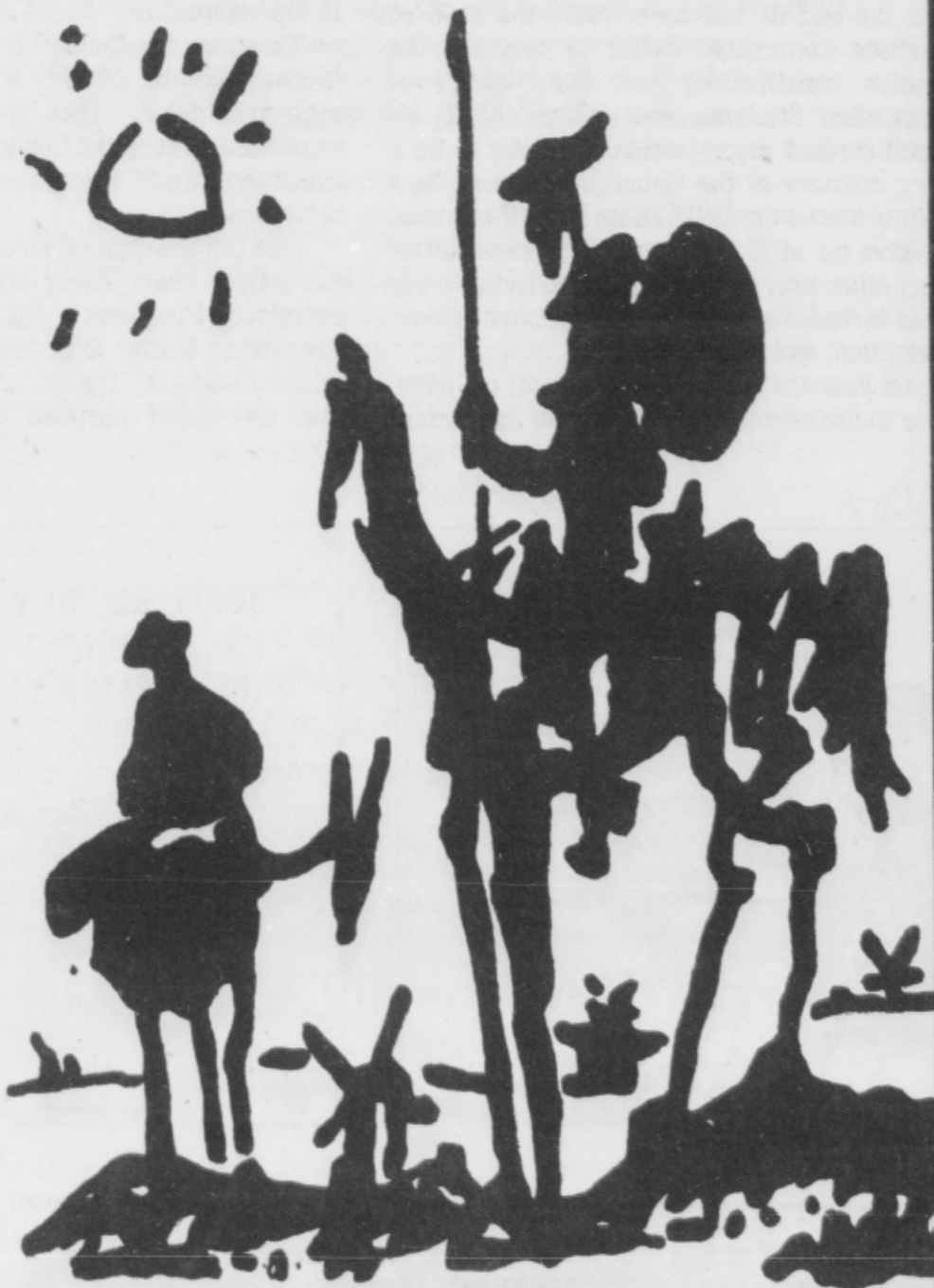
## Guidebook for students ready

The Student Guidebook for winter term 1978 is now available. Copies of the free ASOSU publication may be picked up in the library, residence halls, administration building and the bookstore.

The publication contains information on the structure and content of many courses offered winter term.

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**OSU BOOK STORES, INC.**

Tuesday November 28, 1978

# Opinion

## Scream or pay more tuition

Tuition is on its way up again. According to the Oregon Student Lobby Newsletter, state university tuition will go up for 1979-80.

Tuition will be \$222 per term plus fees for undergraduate residents. This is more than students at OSU paid this fall term. Such a tuition hike comes about for two reasons. The first is that no funds may be laying around to offset tuition, as happened this year. Students saved \$21 on tuition per year, that is \$7 dollars for one term, due to state tuition money not spent.

The second reason is that the Oregon State Board of Higher Education is planning to raise the percent of instruction cost on which tuition payments are based. This year undergrad residents paid 24 percent of their instruc-

tional costs. The OSBHE is changing this figure to 25 percent.

So what can students do to counter this tuition raise? Be vocal! Write letters to state representatives and senators. These are the people who ultimately control money spent on state institutions. Let them know how you feel.

Also provide feedback to the Oregon Student Lobby through their Salem office or through Mel Ferguson, ASOSU president. And take a minute to express your concerns to the state affairs task force. Co-chairmen Phil Peach and Cindy Whilite may be able to direct you to a good sounding board.

Either scream now or forever pay a bigger bill. SM

Better Solution Dept.

BY CINDY DOWNING



## Guest Editorial: GDI council offers representation

In 1976, in his campaign for ASOSU president, Stan McGehee promised to increase student involvement in ASOSU's governmental system. When his term of office began, he immediately started working to make good on this promise by asking independent students to discuss with him the organization of an association of independent students. Out of these discussions grew the Council of Independent Students.

At the end of fall term 1977, the Student Activities Committee voted to approve the council's constitution, and the Council of Independent Students was recognized as an official student organization. In order to be a voting member of the Council, you must be a full-time student at OSU, must live off-campus, and have no affiliation and-or representation by any other university recognized living group — this includes residence halls, cooperatives, fraternities, and sororities.

Last year the Council had several projects. These included helping develop an apartment

guide, researching parking problems in and around OSU campus and surveying prices at various shopping locations (eventually this developed into an Experimental College class). The Council also sponsored a fund-raising dance and developed a news letter. The news letter is intended to inform independent students about the various activities on campus. It will be coming out two times a term under the title, The Declaration of Independents.

This year the Council is represented on the Student Senate by Jill Stackhouse, council vice-president. This representation is important to keep the Council and its members involved and informed about student activities.

This fall the Council elected new officers for the school year. These officers are: Denise DeSylvia, President; Jill Stackhouse, Vice President; Kathy Olmstead, Secretary; and Diane Douglass, Treasurer. The officers feel that the main purpose of the Council of

Independent Students is to give independent students the opportunity to become more involved and knowledgeable concerning campus affairs. In the past independent students have had little opportunity to become aware of the workings of the student government. The Council hopes to serve as a resource group so students who are not represented by any living group will be able to become aware of the opportunities to be involved.

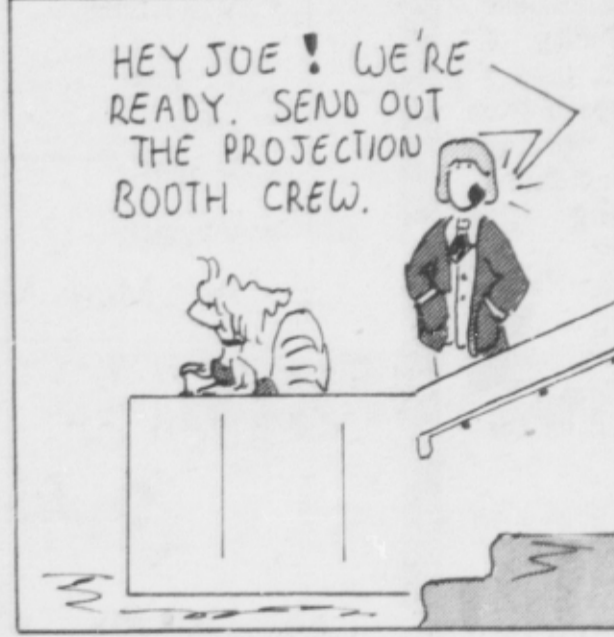
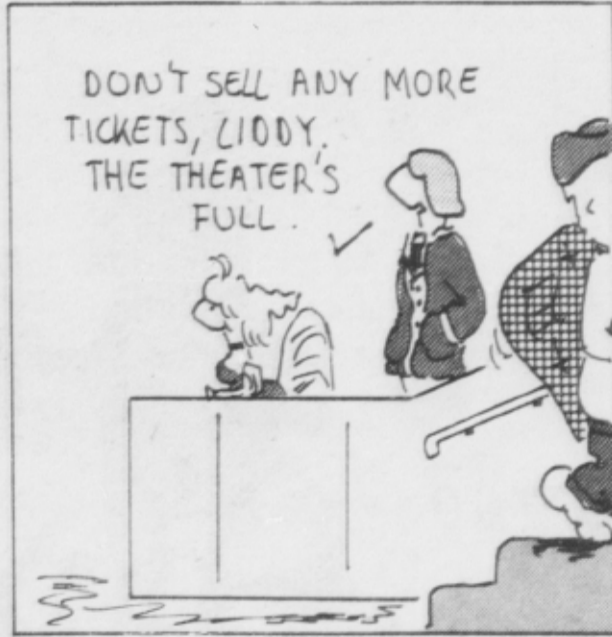
As the representative group for GDIs the council can be a means for the independent student to be recognized as a valuable member of the Oregon State University community. The Council feels that there are many students who have excellent ideas and skills that can be utilized. Unfortunately these people have previously had no unified group to offer them guidance. Through the Council's news letter, The Declaration of Independents, the Council hopes to inform students about various events and activities on campus. The news letter will

also voice the opinions of the Council. The Council hopes that any independent student who has something to contribute or an opinion to voice will see the Council as a means of doing this.

The officers of the Council feel that independent students are not adequately represented and the Council of Independent Students can be used effectively to fill part of this gap. The Council welcomes suggestions and ideas. The next news letter will be printed winter term. If any independent student has something to contribute they may do so. The Council will also accept contributions from any group who feels that they have not had adequate exposure from the conventional campus media. Meetings are posted in the Barometer Calendar and are open to any independent student. Officers of the Council may be contacted by letter through the Students Affairs Office.

Denise A. DeSylvia — President CIS  
Diane Douglass — Treasurer CIS

BARNEY by Bruce Whitefield.



## barostaff

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106 MU East, Oregon State University, Corvallis, OR 97331  
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the club  
Barometer  
Barometer

# Fencing



## Beaver sales

To the Editor:

Next week amidst all of the confusion of registration, please don't forget to pick up a card and order a 1979 Beaver Yearbook. This is basically the last chance to order an annual, so don't miss it. We will be located in the hallway, just before you go to hand in your packet. We'll have a table set up—just pick up a card. The cost is \$9, and it will be added on to your fee statement. Please don't miss this opportunity, it's going to be a super yearbook this year.

Paul Christiansen  
Beaver Book Sales Manager

## OXFAM fast

To the Editor:

I am writing to you in regards to the FAST FOR A WORLD HARVEST which occurred last Thursday. Putting aside the fact that there were numerous errors in your article about it, and the fact that you printed it too late for most people to participate in the fast, I did want to thank you for giving it some attention and coverage.

I think it is very crucial to help make students aware of the larger reality of the world around them. I also wanted to thank all those who participated in the fast. If you haven't already sent your contributions to OXFAM for the fast, here is their address: OXFAM-AMERICA, 302 Columbus Ave. Boston, Mass. 02116. As we come to this time of celebration of Thanksgiving, let us be aware of the many, many people for whom that day will be filled with hunger, poverty, illness

and oppression. Let us truly give thanks for what we have, and yet be ever mindful of our brothers and sisters around the globe.

I would like to urge the Barometer to use its position to more fully announce activities and increase awareness concerning the exploration of global community. Neither humanity nor our planet can tolerate much longer the greed, complacency, blindness, selfishness and oppression which pervades much of our world today.

Climb down out of your ivory towers and your well insulated fortresses and deal with your neighbors and with the true issues of life in the world.

Dave Drake  
Volunteer in Mission  
Westminster House

## Meum et Tuum

To the Editor:

On Tuesday, November 28, the Corvallis Downtown Commission is sponsoring a "welcome party" for the new Downtown Consultant Team, our new Mayor and City Council and the new City Manager. This is an excellent opportunity for all of you to discover the changes that are being discussed for the Downtown core area. In addition, it will also open doors for your suggestions, comments, energy, and enthusiasm in seeing Corvallis as it was and the changes that will be made.

This gathering will be held at the First Christian Church, 602 S.W. Madison, from 4 p.m. - 8 a.m. Drop in as you please! There will be slide presentations covering

several aspects of the Corvallis community. These will be given at 4:30, 6:30 and 8 p.m.

I urge you all to attend. It will be both informative and enlightening. It is a chance to get to know Corvallis and its plans for the future.

Jill Stackhouse, Director  
ASOSU City Affairs Task Force

## Woodcut will help poor

To the Editor:

The ambition and dedication of a group of men from the Lambda Chi Alpha fraternity will be appreciated by a number of local low-income elderly people this winter. On November 4th and 5th these men operated chainsaws, axes, mauls and government trucks as volunteers for the Benton-Linn Emergency Firewood Project.

The fourteen cord of oak wood they cut and cord of kindling will be distributed by other volunteers to the homes of low-income people who heat and/or cook exclusively with wood. Eligibility for this emergency service is determined by calling the Information and Referral office at the Corvallis Human Resource Center (at 757-4221).

Government funds were used in this weekend of work to pay for truck fuel and rent a few chainsaws. Due to the generous donation of their time, volunteers like the men at Lambda Chi Alpha, have made it possible to continue to provide a minimal level of service in a needy area where federal funding has dried up.

On behalf of the 20 to 30 households that will receive this wood, we extend a sincere

thank you. If any other groups of individuals are interested in a worthy community service project they may contact me at 757-6868. We could use chainsaw operators, pickup owner-drivers, wood splitters and other types of donations.

Jim L. Collel  
Energy Coordinator, Benton-Linn Community Service Agency

## RSVP thanks

To the Editor:

On behalf of the two hundred Retired Senior Volunteers who attended a chowder feed in their honor on November 15, we'd like to extend thanks to the men of Phi Gamma Delta and the women of Alpha Delta Pi. These young people set

tables, served the chowder, sang a song and cleaned up afterward. We appreciate their conduct and their assistance at this event; we couldn't have done it without them!

Elizabeth Farley, Director  
Christine Krygier, Ass't. Director  
Retired Senior Volunteer Program



## NIKKOR LENS JAMBOREE

These are the lenses that have been making photographic history. Designed by Nikon specifically for Nikon and Nikkormat cameras, Nikkor lenses are world famous for sharpness and color fidelity. And, there are nearly sixty to choose from—the greatest selection in all photography. Wide angle Nikkors to broaden your horizon... telephotos to bring distant subjects close... Zoom Nikkors to give you complete flexibility... Fisheye and special lenses for every application. Come in and try them... see how much more exciting they can make your photography when you shoot with the confidence of Nikon. And, at our special, low prices you don't have to settle for less than a Nikkor. Our Nikon specialists are ready to help you with your selection!

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MUPC PRESENTS



**MYSTICAL MAGICAL CHRISTMAS**  
**Sunday, Dec. 3, Memorial Union**

*This Annual Childrens Christmas Party Will be from 2:00-5:00 p.m.*

Pictures with Santa \$3.00



Tuesday November 28, 1978



Marie Jordan, sophomore in microbiology, readies herself for a bout of fencing. Jordan has studied fencing since she was a junior at Hood River High School. (Photo by Lorraine Stratton.)

## Sophomore fencer not afraid of hurts

By KELLY PALMER  
For the Barometer

Take old Errol Flynn films and an inquisitive mind, mix with a fascination for the past and you have the reason Marie Jordan fences.

Jordan, sophomore in microbiology, laughed as she explained, "The only reason I started fencing was because I really got off on old Errol Flynn movies."

"I started fencing as a junior in high school because it was offered as a P.E. class," she said, pushing her long brown hair away from her face.

"It was taught by the librarian, who had taken fencing in college and was interested enough in fencing to teach it to other people," Jordan said. "She used to take me to Portland for my fencing lessons. At that time I lived in Hood River."

"Most fencers are men. For quite a few years they didn't want women to compete in anything but foil, that excludes epee and saber. Even now in national competition women only compete in foil," Jordan said with a sigh "I tried last year to compete in epee in the Junior Olympics but they said I couldn't because it wouldn't be sanctioned by the AFLA (Amateur Fencing League of America)."

"The men say that women shouldn't compete in epee and saber because the epee and saber cause unsightly bruises. But you get bruised up badly enough with the foil," Jordan said disgustedly, "Or they say that women wouldn't be aggressive enough. But you have to be aggressive in foil to win."

Then she grinned, "A lot of guys get a kick out of watching a woman beating a guy fencing!"

"Either the guys are over aggressive when fencing with a woman or they're afraid of hurting a woman by hitting them. But I always tell them that if I was afraid of being hit I wouldn't be there," Jordan explained.

"I always practice against guys here at OSU because there aren't that many women at OSU who fence but in Portland I practice against both," she explained.

"I love fencing," Jordan said enthusiastically. "I like it because it is different, and I get a kick out of people coming up to me and making comments about what they've seen."

"When you first start fencing you never think about all the practice and technique there is behind it. That really turns some people off but that's what I like about it," she said with a smile, "you have to think as well as act. You have to be thinking all the time about your strategies."

"One funny thing is that I find myself living in a land of fencing," Jordan said with a grimace. "The first time I saw the fencing section in the Barometer with the little fencing drawings I thought 'Oh wow! A section on fencing.'"

One problem she said is that fencing equipment is expensive. She was seated on the floor with all her equipment scattered around her.

"I've got about \$200 worth of equipment here and it isn't even that much," she said with a laugh. "you should have extras on hand in case something goes haywire."

There are changes in the sport because of the change in equipment. Now they have electronic scoring, with only one person judging instead of five. Also, there is less hand work and more foot work than in the past because the fencers are just trying to touch the metallic vest with the electronic foil. A bout lasts five minutes or five touches, according to Jordan.

"Fencing was very popular in the 17th century. It was the gentleman's or nobleman's sport. Only these men were taught how to fence. It was outlawed at the time because so many men were being killed in duels. But that didn't stop them from dueling."

"In fact," she said with a giggle, "I heard that the fencers stance with one hand held up was not only to show that they didn't have another weapon, but because when it was outlawed they had to hold a candle in one hand and their sword in the other. Can you imagine trying to fence in the dark?" she asked, her blue eyes sparkling.

"Fencers have a deep respect for the past," Jordan said thoughtfully, "I think of them as being gallant. Because there is an etiquette to the sport. Because it was the sport of noblemen."

"I guess the best way for me to describe how I think about fencers is a quote from Cyrano DeBergerac 'Courage, honor, and defiance to the end.'"

John Wayne, Honorary Crusade Chairman



American  
Cancer  
Society

## Number of fatalities rises

(UPI) — The Thanksgiving weekend traffic death toll, grimly aided by stormy weather during the homeward rush, today topped the 540 mark — well past the minimum number of deaths predicted and past last year's total.

A major snowstorm in the upper Midwest hampered traffic and air travel and contributed to numerous accidents during the final

hours of the death count, which began at 6 p.m. local time last Wednesday and ended at midnight.

The National Safety Council predicted 480 to 570 travelers would die in traffic accidents during the period.

A UPI survey showed at least 542 people had been killed in traffic accidents by 11 a.m. EDT today. That compared to 498 killed during the same period in 1977.

A breakdown of accidental deaths: Traffic 542, fires 53, planes 14, total 609.

California led the count with 65 traffic deaths, followed by Ohio with 38 and Texas with 32. Florida had 26, Illinois 25, Pennsylvania and Virginia 23 each, Michigan 22, Georgia 18 and North Carolina and South Carolina 17 each.

Alaska, North Dakota, Oregon and Rhode Island reported no traffic deaths.

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Advance ticket sales in the  
MU East Activity Center



Barometer  
Barometer

# Cancer causing drug topic of OSPIRG workshop

By TOM DEJARDIN  
Barometer Writer

Most people are unaware of the problems surrounding diethylstilbestrol (DES) — a synthetic hormone once given to pregnant women to prevent miscarriages. But for the sons and daughters of mothers who took DES during pregnancy, concern has developed over the linkage between the drug and various forms of cancer.

DES will be the subject of a workshop Thursday, Nov. 30 in MU 110. Sponsored by the Oregon Student Public Interest Research Group (OSPIRG), the workshop runs from 2:30-4:30 p.m.

Susan Click, vice-chairperson of OSPIRG, said the purpose of the workshop is primarily informational.

"We (OSPIRG) wanted to do a series of workshops on important issues and since the DES has been politically active, we decided it would be a good topic to focus on," said Click.

"The DES workshop is intended to inform people of the drug itself and the various problems and controversies involved with it."

During the late 1930's through the early 1950's, DES was used chiefly for three purposes. It was given to pregnant women as a method of preventing miscarriages and also used as a post-coital contraceptive. Agriculturally, DES was used in animal feed as a growth stimulant.

The problems concerning DES and its effects surfaced when medical students began revealing some startling facts about the drug. It was found that female offspring of women who took DES during pregnancy have developed higher than normal rates of cervical and vaginal cancer, pre-cancerous conditions in the vagina and cervix, and cervical and vaginal abnormalities. There are an estimated 106 million young women currently classified as "DES daughters."

Male offsprings have developed higher rates of urinary and genital abnormalities. There is also some evidence of higher rates of sterility

among males whose mothers took DES.

Other results showed some evidence of higher rates of cancer in women who take DES. In addition, several questions have arisen about impact on the general public from eating meat from animals whose feed has had DES in it.

In spite of the alarming track record of this synthetic hormone in after-the-fact testing,

DES is still being given today in the form of the morning-after-pill, a leading contraceptive handed out at many university health services.

G.H. Constantine, associate professor of pharmacy at OSU, will explain the DES situation at the Thursday workshop. He will focus on the aforementioned problems and tell how to detect and treat DES related medical problems.

## International Ed slates open house

Students and faculty will have an opportunity to get acquainted with the Oregon State System of Higher Education (OSSHE) study programs in France, Germany, Japan and Mexico from 7:00-10:00 p.m. at Westminster House, 101 N.W. 23rd, Wednesday, November 29th.

The open house, sponsored by the Office of International Education, will give students and faculty members an opportunity to talk with returned participants and Resident Directors about their experiences. Program details on costs, curriculum, housing, financial aid and scholarships will also be discussed.

Many students simply are not aware of the various possibilities to study in foreign countries. Students in all academic fields are encouraged to investigate what is available. Former participants have found their experiences to be worthwhile both in terms of academic goals and personal growth.



### Fine Arts

Les Rowell, sophomore in business administration, ponders over whether or not to buy a painting included in a sale in the MU Ballroom East, Monday. Rowell was searching for something to dress up his dorm room. (Photo by Rick Stevenson)

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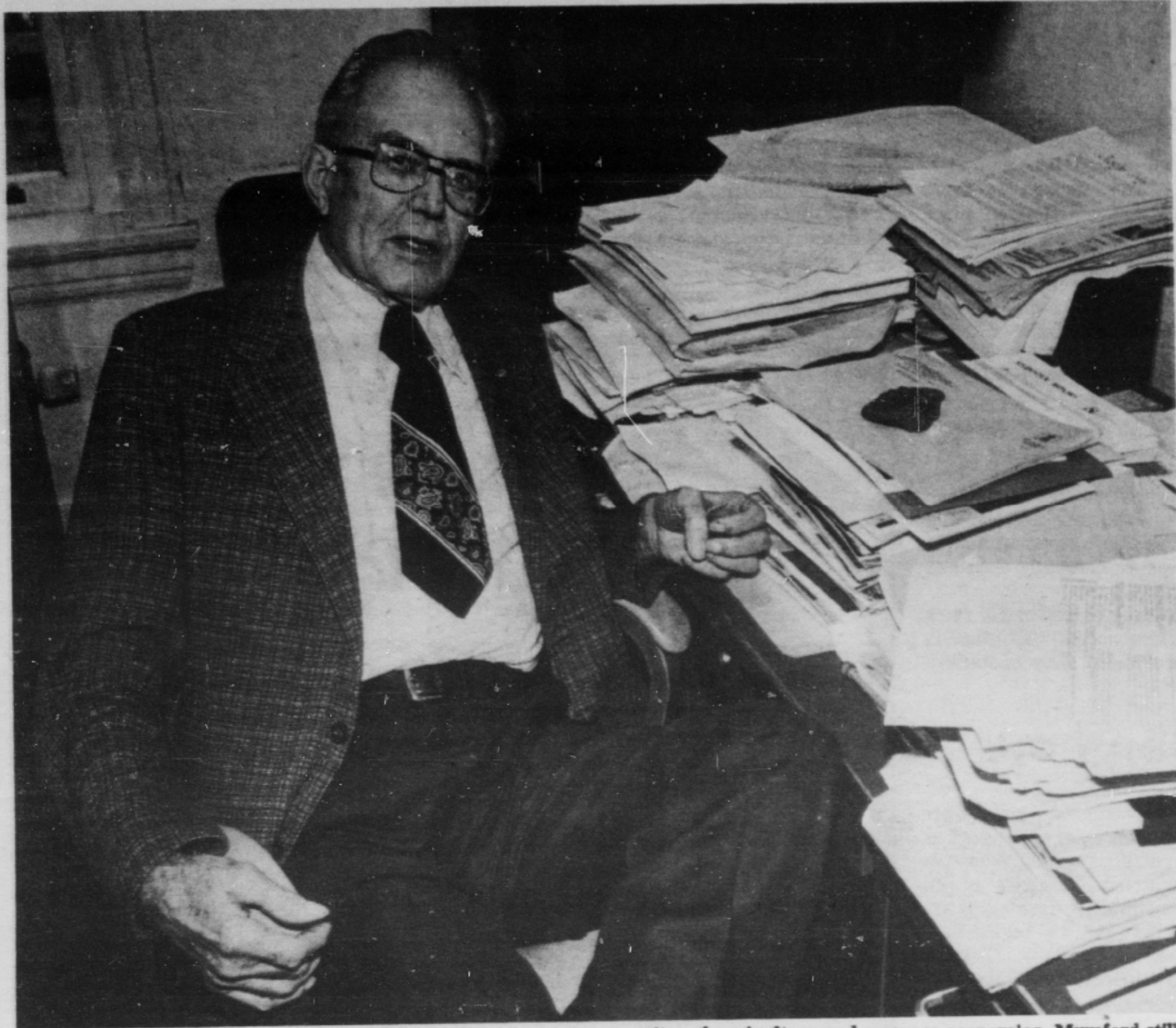
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## OSU BOOK STORES, INC.



## Retired professor busier than ever

By MELINDA ROSE  
For the Barometer

"I am busier now than when I was working," said a 78-year-old professor emeritus of agriculture and resource economics.

Curtis Mumford has been employed at OSU since July 1938 but retired in 1970. However, his work with the university didn't stop at that point, and now he is in his 40th year of service.

OSU has retained Mumford as a part-time researcher. One of his most recent projects is a study comparing OSU academic staff salaries with those of 18 other universities.

"Now I work for practically nothing and they were kind enough to let me have an office," Mumford said.

Mumford said, "If possible one should be in a job that one would do even if not getting paid for it." His duties also include being on the Faculty of Economic Welfare.

For relaxation and enjoyment, Mumford has a rose garden with 125 varieties of roses. He has won several silver trophies at the Portland Rose Show. He said he enjoys the thrill of competition and the efforts in trying to produce a perfect rose.

In 1963 Mumford was the first faculty member honored for enthusiastic support at OSU athletic games.

"I received the award for being the most avid, wild or whatever, faculty fan," he said. He and his wife are

ardent Beaver rooters. They have flown three times to Hawaii with the basketball team.

In between job responsibilities and recreational activities, Mumford is a member of several community organizations. They include the Kiwanis Club, the Men's Garden Club, the Triad Club, First United Methodist Church and faculty advisor of a fraternity.

As members of the First United Methodist Church, he and his wife have been helping to refurbish the building; damages were done by a fire two years ago. Since the beginning of Farmhouse in 1963, Mumford has been faculty adviser.

Mumford and his wife have four children, three daughters and one son, all of which attended OSU. They have one granddaughter attending.

"Oregon State is a wonderful place. Students are the most important product," said Mumford.

Before coming to Corvallis he attended several universities. He was born in Michigan, graduated from the University of Illinois in 1923 and then went to Texas to be a cowboy for a little over one year.

He then attended Cornell, Minnesota and Harvard before taking a government job in Washington, D.C. After that he proceeded to become department head of farm management at OSU in July 1938.

"If possible one should be in a job that one would do even if not getting paid for it," said Curtis Mumford, professor

emeritus of agriculture and resource economics. Mumford still works as a researcher for OSU even though he retired in 1970. (Photo by Dave Harrison)

## Castro releases first wave of prisoners

MIAMI (UPI) — The first of some 3,600 political prisoners Fidel Castro has promised to

### Zwahlen named to ONPA board

Fred C. Zwahlen, OSU journalism department chairman has been named to the board of directors of the Oregon Newspaper Publishers Association. He was also named to the Oregon Newspaper Foundation.

The appointment was announced by Fred Stickel, publisher of the Oregonian and president of ONPA.

Zwahlen has been OSU journalism department chairman since 1967. He received his bachelor's degree from OSU in 1949 and his master's from Stanford in 1952.

free flew to Miami Sunday and said as his red, white and blue plane crossed over the Florida Keys, "Now I feel like a free man."

Alfredo Izaguirre Rivas — who spent 18 years in Cuban prisons — set foot on U.S. soil with his wife of one week, Maria de los Angeles Munero, and his mother, Rosa Rivas, who was one of 75 Cuban exiles who met with Castro last week.

Izaguirre's family in Miami chartered the plane painted in patriotic colors. His sister, Blanca, whom he has not seen since his arrest, was at the airport to greet him, along with other relatives and friends.

"My main worries are my fellow prisoners and their freedom," Izaguirre said shortly after landing.

Rosa Rivas was a surprise guest at her son's wedding. Izaguirre said Cuban officials told him in September he would be allowed to marry the next month. Ten days before the wedding, they gave him the exact date, but he had no idea his mother would attend.

Izaguirre's mother was in Cuba by invitation from the Cuban government to talk to Castro about the release of political prisoners and their families. Castro promised to release about 3,600 prisoners if the U.S. would accept them.

The day of the wedding, Izaguirre said he looked up and saw his mother standing by a car.

"I didn't know she was coming. I wanted to do a somersault. I just started embracing her, pressing her,

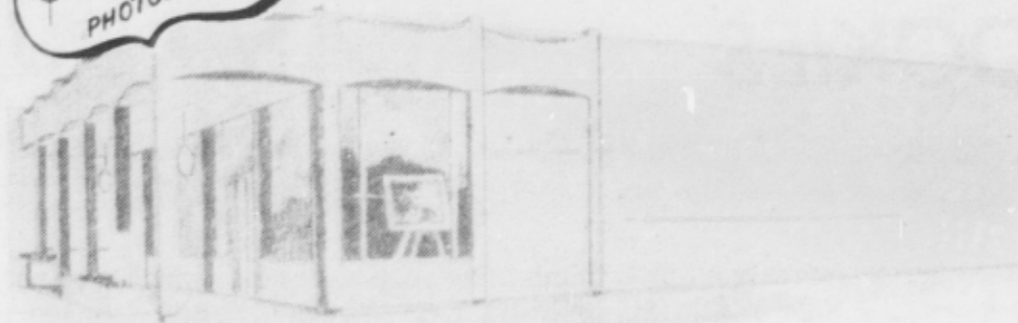
until my wife, my wife-to-be at that time, pulled me away, saying, 'You're going to kill her, you are pressing her too much.'"



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# Drought effects still felt in Oregon

The dust has settled, and the official figure is in: Oregon's cattle ranchers took a beating of more than \$85 million during the drought of 1977.

W. Edward Schmisser, OSU agricultural and resource economist, presented results of a drought impact survey to members of the Oregon Cattlemen's Association during the group's annual meeting at the Portland Sheraton Nov. 17.

Highlights of the survey, to which nearly one-fourth of the cattle producers in 18 eastern Oregon counties responded, revealed that:

—Eighty percent of the ranchers suffered some economic loss because of the drought.

—More than 130,000 animals sold because of drought conditions. The sales represented an estimated \$40 million loss to ranchers due to smaller calf-crop, selling feeders at lower weights and selling breeding stock at slaughter prices.

—Ranchers bought 210,000 tons of additional hay, 20,000 tons of grain and 13,000 tons of supplements that would not have been needed during

a normal year.

—Twenty percent of the ranchers hauled additional water to their animals, up from the seven percent who normally haul water. Total water hauled was 40 million gallons over 500,000 miles. Hauling took an additional 78,000 hours of labor and cost ranchers more than \$325,000 in extra gas, labor, vehicle maintenance and depreciation.

“That \$85 million figure excludes losses to grain crops and any additional losses due to the health of the animals or breeding problems brought about by the drought. Additional interest payments on loans that ranchers had to take out also were not included in that total,” Schmisser said.

Yet, few of the ranchers indicated they would quit the business following the hard year.

“Of those rebuilding, half the ranchers plan to rebuild their herds within the next two years, and another 35 percent said they will take between two and four years to rebuild. And most of those who plan to rebuild will raise most of their own replacement animals,” Schmisser said.

Anticipating that drought conditions could occur again, 40 percent of those questioned by Schmisser and fellow economist David Holst said they were buying additional water equipment or had become involved in water development programs such as new ponds and springs.

“The industry continues to be vulnerable,” he said. “Ninety percent of those we surveyed said they rely on dryland range or hay to feed their cattle and both are weather-dependent sources of feed. Only 42 percent of the cattle producers grow enough hay to meet their winter feed

needs, and anything that threatens that situation could cause problems.”

The future is not bleak, however, Schmisser said, as rangeland improvements are one of the ways to combat drought.

Financing for the survey came from the Oregon Legislature and was administered by the Agricultural Experiment Station and the OSU Extension Service. Schmisser said a side benefit of the survey was increased insight into Oregon's cattle industry.

The researchers learned that half the operations were cow-calf-yearling operations. For the study, those ranches with less than 20 brood cows were not taken into consideration.

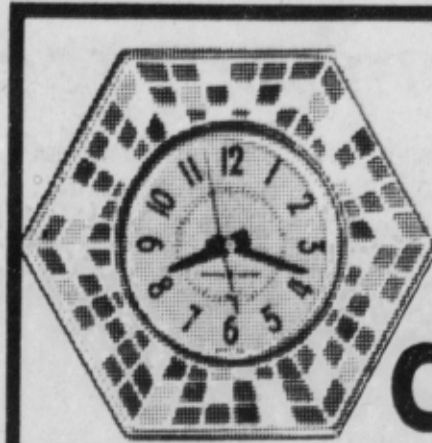
## OSU economist dies of cancer

Frederick Henry Dahl, extension agricultural economist at Oregon State University from 1948 to 1956, died Saturday in Silverton of Cancer. He was 61. Memorial services will be at noon Wednesday at St. Edwards Episcopal Church in Silverton.

Dahl received his bachelor's degree from OSU in 1940 and his master's degree in agricultural economics in 1952. He left the university to work for the U.S. Department of Agriculture in Washington D.C. and later served as deputy food and agricultural officer through the Department of State in Central American and Africa.

After retirement in 1971, Dahl returned to Silverton, where he was born, and was active in the World Hunger Program for the National Committee of the Episcopal Church.

About 20 percent of the ranchers with brood cow operations also purchase weaners and stockers. Weaners are young animals six to 12 months of age. Stockers are yearling animals allowed to remain on pasture during the summer and sold the next fall.



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**OSU BOOK STORES, INC.**

## OSU sponsors free lecture by UC psychologist

“Belief Systems and Behavior” will be the topic of a public lecture today at 4 p.m. in MU 105.

O.J. Harvey, from the psychology department at the University of Colorado, will speak at the lecture sponsored by the OSU departments of anthropology, education and psychology.

The lecture is free, and everyone is welcome to attend.

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# NROTC members receive scholarships

Oregon State University's Naval ROTC unit, one of the largest and most highly-rated of the 54 in the U.S., has some three-fourths dimensions to it this fall.

Three-fourth of the 200 students who make up the unit hold national NROTC scholarships, says Capt. Courtland D. Ball, unit commanding officer and professor of naval science.

About 25,000 students apply for the scholarships each year; about 1,700 are selected from across the country. The scholarships pay tuition-fees, books and \$100 a month living expenses. They are worth nearly \$15,000 for non-resident students (who pay higher tuition than Oregonians) and \$8,500 for Oregon residents over four years.

Three-fourth of the 200 are in an engineering or "hard science" field, Ball noted. Ships, planes, communication systems and weaponry are so sophisticated now that the modern Navy needs those special science-engineering skills, he explained.

And three-fourths of the 200 are sons-daughters of fathers who have been in the military, Ball said. But the fathers are about equally divided among all branches of the military. It

isn't just a case of Navy attracting Navy, records show.

More than half of the students in the OSU Naval ROTC program every year are from out of state, Ball observed, "an indication of the national reputation that OSU and its academic and ROTC programs enjoy." In some past years, the out-of-staters have made up nearly three-fourths of the total.

National scholarship holders can go to any of the 54 U.S. universities that have Naval ROTC units along with major work in the academic area of their choice, Ball pointed out. The strong science and engineering programs at OSU have much to do with the unusually large number of scholarship holders who come to Corvallis, he added.

More than half of the scholarship recipients who start as freshmen complete the program and commissioned at graduation. They then go immediately on active duty for at least four years. Their commissions are in the regular Navy and many make the military their career, according to Ball.

Non-scholarship students receive a U.S. Naval reserve commission and serve at least three years on active duty.

Since the OSU Navy unit was established in 1945, more than 1,000 officers have been commissioned, Ball reported.

Fifteen of the 200 student in the unit this year are women. They were first admitted to ROTC officer preparation programs in the early 1970s.

OSU has commissioned seven women in the Navy and Marine Corps (an option under the Naval Science program). But more are seen for the future because "of the excellent and varied career opportunities available," Ball reported. The national ROTC scholarship programs are open to women, of course, he continued.

OSU also had the distinction in 1975 of commissioning the first husband-wife team from an NROTC unit in the U.S., Ball said.

Along with the Naval science unit and its Marine Corps officer option, OSU also has Air Force and Army ROTC programs, Ball

stressed. OSU is one of only 33 universities in the U.S. that offers officer training in all branches of the military service.

ROTC students take one military course a term — military history, defense organization and operations leadership skills, etc. — along with their regular academic work. Special summer training is also included. For Navy national scholarship holders, there is training every summer throughout the four years of college.

## NOTICE PHARMACY STUDENTS PRE-REGISTRATION ADVISING

**Freshman Meeting**  
Thursday, November 30, 4:30 p.m.  
in Pharmacy 305

All other Pharmacy Students must see their advisors during Nov. 30, December 1 or 4.



### Brrr... get ready!

January 17 is gonna be  
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Sponsored by the MU Program Council  
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## Philosophy department sponsors open house

An open house, sponsored by the department of philosophy, will be held today from 3-6 p.m. in the conference room at Westminster House.

Students, both majors and non-majors, who are interested in meeting the faculty in an informal setting will have an opportunity to learn about special course offerings, guest lecturers and scholastic awards for future terms.

According to Peter List, chairman of the department of philosophy, most students who take philosophy courses are non-majors, and many students take courses "just for one's self."

The open house, List said, is oriented for those students, as well as for those students majoring in philosophy.

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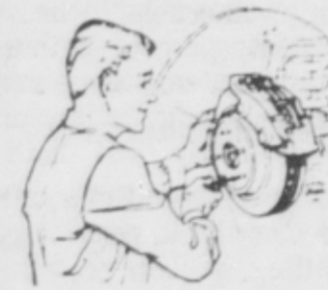


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Barometer

# Climatic forecasts possible in future

Climatic forecasts, issued several months in advance and good for several months, should be possible for many places in the near future, says an OSU oceanographer-meteorologist.

William H. Quinn is proving the point with successful forecasts for some equatorial and South Pacific areas.

"The short-term climatic forecasts will be broader in scope than the more detailed, day-to-day spot weather forecasts," Quinn explained.

"When perfected, however, they should be of great value to the public and to many other groups such as those engaged in agriculture, fishing, forestry, and economic planning. They will be useful, for example, in preparing for unusually cold winters, droughts, floods, etc."

But Quinn is quick to point out that a vast amount of research is still required. "Sometimes it seems like one is picking away at a mountain with a spoon.

"And some areas of the world, such as the Pacific Northwest, pose particular challenges. Information available from the west—the expanses of the Pacific Ocean—is limited in both quantity and quality," he pointed out.

In his study of the short-term climatic changes over the equatorial and South Pacific, Quinn has been monitoring a global fluctuation called the Southern Oscillation. The fluctuation is particularly noticeable in the atmospheric circulation and pressure distribution over the tropics and

subtropics of the Pacific and Indian Ocean regions.

"It involves changes in atmospheric pressure, winds, rainfall and temperatures, as well as changes in ocean currents, sea temperatures, and sea level, all of which can be useful in the monitoring process," Quinn explained.

For his predictions, Quinn relies most heavily on sea level pressure data. His indicators involve pressure differences between sites located in the Indonesian equatorial low pressure cell and the subtropical high pressure cells of the North and South Pacific.

By projecting the plots of differences in pressure between various station pairs, such as Easter Island and Darwin, Australia, into the future, he can predict climatic changes over the equatorial region. And he believes that climatic changes over various parts of the globe—including the Pacific Northwest—are tied to what is going on in the equatorial region. Some of his case history data go back to the early 1700s.

The dreaded "El Nino" is a consequence of equatorial Pacific meteorological and oceanographic changes, and is of particular interest in Quinn's forecasting research.

When El Nino occurs, warm waters replace the usual cold and nutrient-rich upwelled coastal waters that sustain what was the world's greatest anchovy fishery off Peru and southern Ecuador prior to 1972.

"A strong El Nino with its invading, less productive warm waters has a disastrous

effect on the anchovy fishery," Quinn noted. "The fish stock disappears or is at least no longer available to fishermen, and the marine birds which feed on the fish die in large numbers. The fish harvest dropped from a peak of more than 12 million tons in 1970 to less than 2 million in 1973, following the strong El Nino of 1972."

A very weak El Nino occurred in early 1975 and a moderate El Nino in 1976, both predicted in advance by Quinn. As a result, the fishery never has recuperated from the 1972-73 situation; in fact, the catch for 1977 was only about 2 million tons.

Nothing can be done to prevent an El Nino, of course, Quinn observed, "but by knowing one is coming, fishery management may be able to minimize its impact by judicious regulation of fishing practices and the fish catch."

The accuracy of Quinn's climatic forecasts for the past four years has drawn international interest. His outlook for the December 1977-March 1978 season called for sea temperatures along the coast of Peru to return to normal and this is what happened.

Quinn expects the current anti-El Nino type conditions to continue during the critical December 1978-March 1979 period, good news for the

governments of Peru and Ecuador.

"It's important worldwide too," Quinn said. "The world market of fishmeal for animal feed banks heavily on the anchovy harvest." Lowered catches have brought price increases and the need for substitute protein sources.

Quinn's outlooks are put out several months in advance. He used detailed charts that show various weather and ocean data gathered from designated key sites to follow the changes as they take place and to verify the forecasts.

"When indices are high the equatorial low is deep, the subtropical high is strong, the southeast trade winds and equatorial easterlies are strong, and enhanced equatorial upwelling causes low sea surface temperatures. At this time rainfall over the central and western equatorial Pacific is unusually low.

"However, under such conditions, the rainfall over Indonesia and India is enhanced during their east and southwest monsoons respectively. This is known as a high index or anti-El Nino condition. It contrasts with the low index, El Nino type condition which usually results in an east monsoon drought over Indonesia."

The true El Nino (the child) usually sets in during the

early part of the year, Quinn noted.

"A symptom which is common to El Nino is an invasion of unusually high sea surface temperatures along the coasts of southern Ecuador and Peru," he continued. Other

frequently noted features include a southward moving coastal current, heavy rainfall, red tide, invasion by tropical fish and mass mortality of various marine organisms, including the guano birds.

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# farber afield

# Sport fishing for science

by JON FARBER  
Barometer Outdoor Columnist

On the docks at 7:30 on a still, gray morning, low tide in the harbor uncovers pilings strewn with barnacles and algae. Squawking sea gulls and a brood of jabbering ducks break the silence as we load gear onto the boat and turn the hesitant engine over.

Glen DeMott, Tom Minihan and I climb aboard the idling Oregon dory and putter across to the gas dock to top off the fuel tanks.

We're headed for a day of bottomfishing out of Depoe Bay, but it will be an unusual type of sportfishing for Tom, a senior in business, and myself. Glen, a graduate student in fisheries, is working on a fish tagging study, trying to help determine seasonal movements and migrations of Oregon's neritic, or near-shore reef fishes.

These fish include the

lingcod and the yellow-eyed rockfish, or red snapper, the two most sought after species. Other fish include the black blue, china, canary and yellow-tailed rockfishes and the cabezon.

The 27-foot Tooshqua, property of the OSU Department of Fish and Wildlife, glides smoothly out of the bay, under the bridge and through the inlet into the Pacific swells. The sun has just begun peeking over the Coast Range, taking the chill out of the morning air.

Everyone is hoping for a calm day offshore, both for our stomachs' sake and for a quick ride up to Cascade Head, the northern boundary of the study area.

"We're concentrating on the reefs between Government Point and Cascade Head, because they receive year round fishing pressure from the private and charter boats out of Depoe Bay," DeMott

said.

On our trip north, Glen is constantly eyeing the depth finder which gives an accurate description of the reefs below us and oftentimes will show schools of fish in the water column.

In the distance, long lines of common scoters are flying past, just a few feet off the water. Occasionally, the glassy surface of the ocean is broken by dorsal fins from a pod of porpoises.

"We'll be trying to catch, tag, measure and release as many fish as we can during the day," DeMott explained, "so don't think I'm impatient if I move the boat every few minutes when the fish aren't hitting. There are certain areas on the reefs where the fish will congregate and just a couple minutes of jigging will determine whether or not we stay."

Our tackle will consist of stiff, six-foot boat rods and saltwater reels loaded with 30 to 50 pound test monofilament. A pair of colored rubber squid or "hoochies" tied on above a 12-ounce lead will serve as our terminal tackle.

According to DeMott, we need plenty of weight to jig straight up and down, just off the bottom. If the current or boat movement angles your jig across the water, you're liable to hang up on the bottom, which necessitates moving the boat to try to free the jig rather than losing tackle.

When asked about the reason for using such heavy line DeMott explained that many times two or more fish strike at the same time, and there's always the chance of locking onto a huge 30-pound lingcod. When one of those toothy critters hits, you have got to have a powerful rod and heavy line to bring it off the bottom, before it makes a

hasty retreat back into its rocky home.

He pulled back the throttle after a 45-minute run and steered the boat in wide circles, checking the depth finder to locate a reef suitable for fishing.

When the engine stopped, we had our cue to let out the lines, bouncing the jig just off the bottom. With no strikes, Glen held true to his word and ordered the lines up, moving the boat to another spot 50 yards away. When the motor stopped, down went the lines and bam! Tom struck into the first fish. Within seconds, I also had one on and, as soon as Glen could get his lure overboard, his rod tip was jerked down by a fish.

Tom hauled in his catch, not one, but two black rockfish over the rail and into the live well, where fresh sea water was pumped into a garbage can. The rest of the fish followed, with everyone getting the hooks out in a hurry and putting the lines back down.

While Tom and I continued to fish, Glen tagged them, inserting a small, plastic T-

shaped tag into the muscle below the dorsal fin, measured and then released them. I recorded data as Glen called out the information for each fish.

So began a long day of constant action aboard the Tooshqua. By the day's end, some 78 fish has been boated, including nine different species.



Glen DeMott, a graduate researcher in fisheries at Oregon State, surveys his catch, a yellow-eyed rockfish (red snapper) on recent fishing trip to the Oregon Coast.



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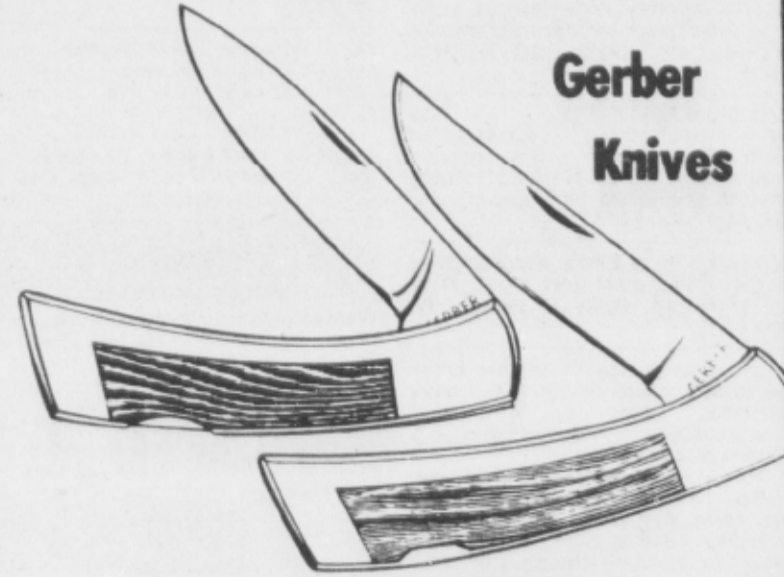
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# Calendar

The deadline for calendar notices is 2 p.m. the day before publication. Information must be turned in at the Barometer classified ad office, Snell 117A, on the forms provided.

## TUESDAY MEETINGS

Native American Club — 3:30 p.m. — OSU Longhouse. Discuss upcoming events which will create interest. Bri. Mike Power (EE) or Andy Rood (CS).

Dairy Club — Withycombe 120. Annual OSU Dairy Club X-mas cheese sale. 3-Bar (\$5.00) and 5-Bar (7.50), assorted Tillamook cheeses. To order call, 754-4563 (8 to 5). Hurry while supply lasts.

Student Fees Committee — 2:30 p.m. — Ads 622D. Discuss summer term budget proposals.

## VOLUNTEER

Volunteer Services — Do you have a car and a few spare hours? Experimental College needs you to help spread the word. For more information contact Volunteer Services MU East 754-2101.

Theatre Arts Dept. — Anytime — Mitchell Playhouse. SHOWBUSINESS! People are desperately needed for technical crews for the musical "Stop the World I Want to Get Off." If interested contact either C.V. Bennett 754-2853 or Randy Stein 752-3833 or sign up in the Mitchell Playhouse office.

Talons — 6:15 p.m. — MU 206. Important meeting! PICTURES WILL BE TAKEN FOR YEARBOOK! Our last meeting of the term and we will discuss pre-registration!

## WEDNESDAY MEETINGS

Amateur Radio Club — 6:30 p.m. — MU 213 B. There will be a presentation on our microprocessor controlled repeater. Anyone interested is invited.

Encore Central Committee — 6:30 p.m. — MU 102. All members please attend.

Beaver Staff — 6:43 p.m. — Workroom. All staff members-vital staff meeting, information on last deadline for Fall term. Contact me if you can't come-Jane.

Phi Chi Theta — 6:45 p.m. — MU Stairs. All members. Fall informal party!! Come get re-acquainted. Meet on the MU stairs for rides or meet at 528 NW 21st at 7 p.m.

International Education — 7 p.m. — Westminster House. Study abroad open house! We'll have refreshments, slides and information on study abroad programs in France, Germany, Japan and Mexico. See ya there!

Hotel & Rest. Society — 7:30 p.m. — Bexl 202. Speaker from the Victoria Station. Job opportunities will be discussed. Everyone is invited.

Dairy Club — 7:30 p.m. — Withycombe 203. Organize cheese sale. Future activities. Everyone welcome. Refreshments served.

Campus Ministry — 7:30 p.m. — MU 207. Prayer Pow-wow. All warriors come and pray for OSU and Corvallis.

Sigma Tau Alpha — 8 p.m. — MU 110. Please attend this meeting. Last one this term. We will be discussing this weekends projects.

Chi Delphia — 8 p.m. — Chi Omega. Meeting.

RHC — 9 p.m. — MU Council Room. Residence Hall Association President's Council meeting. Open to all interested.

## CLASS

Experimental College Square Dance Class — 7 to 8:30 p.m. — MU Ballroom. Lessons continue tonight, and there will be a special dance for beginners at Benton Center this Sunday-details at the dance Wednesday night. For more information call Mark at 754-5184.

## ENTERTAINMENT

OSU Promenaders Square Dance Club — 8:30 to 10 p.m. — MU Ballroom. PICTURES TONIGHT! Dress should be full outfits. This is the yearbook picture, so make it look good. We'll also have a short meeting and a dance. For more information call Mark at 754-5184.

## MISCELLANEOUS

Marketing Club — 7:15 to 5 p.m. — Bexel Hall (First floor, outside of Student Lounge). "Do you remember the finals munches?" The Marketing club will be selling MacDollars from November 29 thru November 31, to help you survive.

## PEANUTS® by Charles M. Schulz



## downtown by Tim Downs



## ACU awards students bridge scholarships

Three OSU students were awarded the Duplicate Bridge Scholarship sponsored by the Association of College Unions, the MU Program Council announced recently.

Alan Maddux, junior in Electronic Computer Engineering, and two graduate students—Katie Adams, Microbiology and Lester Burton, Chemistry Science, are the recipients.

Funds were contributed by the American Contract Bridge Leagues Charity Foundation (ACBL) in recognition of Don Chillrud and Tummi Tomasson, OSU students who were finalists in the 1977-78 intercollegiate bridge championship.

Through these scholarships, the ACBL hopes to promote bridge as an important student activity.

# Classified

## Help Wanted

Young Ladies — If you are looking sharp and would like to be a cocktail waitress at a fun place, then talk to Larry Thomson at Flapper Alley Tavern, 6780 SW Philomath Blvd., Philomath, 929-5046.

OVERSEAS JOBS — Summer-full time. Europe, S. America, Asia, etc. All fields. \$500-\$1200 monthly, expenses paid, sight-seeing. Free info. — write: International Job Center, Box 4490-DE, Berkeley, CA. 94704.

MEN! WOMEN! Jobs — Cruise ships! Freighters! No experience. High pay! See Europe, Hawaii, Australia, So. America. Winter, summer! Send \$2.75 to Seaworld, Box 61035, Sac., Ca. 95825.

Woodstock's Pizza Parlor now accepting applications for part-time work. 21 or older preferred, apply in person, 945 Kings Blvd.

Nights and weekends. Must have knowledge in solid state circuitry and basic electronics. Apply at Kilmarlins' Amusement Center, corner of 4th & Jefferson or call 754-7142.

HEADNOTES needs notetakers for winter term. Are you a good notetaker and typist, have a high GPA? Many science and business classes still open. Good pay. Apply now Mondays, Thursdays or Fridays. HEADNOTES 1561 Monroe.

Part time waitress or waiter — evenings. Apply Dungeon Pub & Grub, 1110 NE 2nd — 752-6903.

Albany Democrat Herald now accepting applications for a part-time clerk to assist sports department in gathering high school and college sports news. Evening hours, must have car. This is an ideal spot for the person planning a career in journalism and with an interest in athletics. To apply, call 926-2211, ask for Bonnie Cooper, Personnel Administrator.

## For Sale

University Sound Difusicon 8 speakers in cabinet \$180.00 pr. BIAmp 10 octave graphic equalizer \$175.00. 753-8418.

Story & Clark spinet piano with bench, \$595. 752-2795 after 5.

Jeans size 13 Pentimento \$20. Donyne 753-4249.

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## Wanted

Wanted — living room furniture. Couch, chair, demi-sofa. 754-8416 anytime. (Keep trying!)

Female Roommates to share comfortable fully equipped old home 1 block off campus. Must see to appreciate. \$85.00 plus utilities. Phone 752-2566.

## Classes

Scuba lessons \$49.95, national certification. For information call 752-DIVE, Aqua Sports.

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HEADNOTES are still available for fall term classes. More complete and accurate notes for you to study. HEADNOTES 1561 Monroe.

## Roommates

Seeking female to sublease quad winter and spring terms. \$109 per month (includes utilities). 752-7348.

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Unfurnished apts. close to campus. 1 bedroom \$175, 2 bedroom \$210. includes water, cable. 753-0885 after 6 p.m.

## Special Notices

Pregnant? ... Can't help ya ... Gotta get up in the morning? ... Think I can help ya ... — Brian Casey, mornings on KGAL ... not just another pretty voice.

Join a writer's club. Call 753-3217.

Kisses, Kisses, Kisses! Get your mistletoe! 50 cents — Batchler Hall 204 10:00 A.M. to 2:00 P.M.

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## Lost & Found

Found: Girl's engagement ring near track by tennis courts. Call or contact Steve Hupe, 605 W 11th Apt. No. 12, 754-8592, for identification.

Found — pair of blue ski gloves and brown hat near Covell. Claim at Barometer.

Found — in field NW of campus a Saint's medal — call YRT office and ask for Katy to identify. 754-3041.

Lost — Blue E.M.S. rainparka with wool hat & gloves in front of MU on Friday 11-17. Call 753-5717 evenings.

## Personals

To poling 4's Greatest: Vic and Jois. Welcome to your new home! Can't wait! Barb

PHI PSI STARLITES: We're having a dinner at 6:15 Wednesday the 29th. Looking forward to seeing you. PHI PSI

GDI MAR: Is it your 21st today, OR WHAT?! Party hearty tonight, but watch the schmutz! Your wild & crazy roomies with to say, "Have a good one!" on your special day! GDI's C & D

TO MY PALS The personal was grand The board, divine The little notes made it fine. The well wishes were dandy And the support, Sweet as candy. Made it all for a big day Which I lost so grandly. Thanks for it all, Love KATE P.S. Thanks for the beverage.

LuAnn, "Excuuuuuuuuuse Me!!" Wild and Crazy Ironman

Callan, I'm more than psyched, pumped, motivated and keyed. Cause I've got the "h.b.s" real bad. Can't wait to see my honey on the 14th. Till Then, Nurd

Barney Metcalf Are SAE's really different? Big Empty

4 days until CP-1 DAY! Be there

HAPPY BIRTHDAY GOLFER Sorry for the late tee-off!

## Personals

Sandy, Merci beaucoup a voir rendu cete soveie si speciale. Vous nous com-prenons maintenant d'une nouvelle maniere, tu penses "roses jaunes." mais je pense "roses roses". Ton Sauvage et dinque Delta Sig P.S. Quelquefois tu peux etre toi aussi assez sauvage et dinque P.P.S. Rappelle toi, je n'ai jamais ditque l'aban donnerais.

BUZZI Happy 22nd. Almost forgot to put this in. Good Luck this winter in Montana, Idaho, Utah... Superman

Michael Reid K; Thanks for another fun-filled evening at the Delta Sigma Phi House Dance. I look forward to many more; especially one at Otter Crest — just like you described: Your Nuggie: Anna

OEA—FBLA—DECA Larry Hall, executive director of FBLA-DECA will be speaking tonight at 7:00 in Batchelor 105 during an OEA meeting. Feel free to attend.

Monique Baby Happy 19th! Does this mean you get to read the book you showed me? Almost 21 Baby

P.J. HAPPY BIRTHDAY! Have a great day and fantastic year being 20. Love, Jo

Robin, Happy Birthday, I wish you a wonderful day. Love Brian

CONGRATULATIONS KRISTI AND JOHN!! I wish you all the happiness in the world! Much love always, Terri

# Beavers miss out on net Nationals

By ANNE BREYNE  
Barometer Sports Writer

This weekend proved disappointing for all Oregon State volleyball team members except Gail Yamamoto, who was awarded a second team all-star berth at the Regional Tournament in Pullman, Wash.

"It was a very disgusting situation," said OSU's head volleyball coach Rita Emery. "Washington State would not accept a second berth to go to nationals. The administration said that the team could go only if they won first."

So the University of Oregon, with a losing record, is being sent along with regional champs Portland State to Nationals. The Beavers played five games with U of O before finally falling to the Ducks in the last game, 15-8.

"Our gals performed very well. It makes me wonder who the tournament was for, the athletes, the coaches, or the administration.

"I wasn't the only coach that felt that way," Emery continued. "There were others who shared my concern."

Emery feels that there is no prestige to the regional contest because all the teams participate. The coaches in the league held a meeting last Thursday where they discussed the topic for 2½ hours.

"University of Oregon shouldn't be going to Nationals and I predict that PSU probably won't get past the second round," Emery said. "After seeing the programs in other states where they have year-round volleyball and scholarships it's hard to compete."

"I see the same thing happening in volleyball as happened in softball," she observed. "This region can only send one entry in the national tourney because the quality of play is so poor."

The Beavers finished 27-21 this year, improving considerably over the last five years. All the starters will be returning except senior Linda Parmele.

"Linda will be hard to replace," Emery said. She wants to be a coach and she should be a good one."

Emery looks for Anne Fischer and Sandy Huntley to become powerful all-around performers for the Beavers next year and expects Lisa Hoogesteger's superb backcourt techniques to expand to net play.

"Gail (Yamamoto) came to us as a walk-on and proved to be a real asset to this team. She just walked in the day of registration and asked if she could try out for the volleyball team," explained Emery.

Melinda Farm hit the 85 percent or better mark with her serves and is expected to chip in with her super backcourt achievement.

Belinda Overall injured her ankle during the season and, according to Emery, was missed by the team. Both Shannon Miller and Tonja Reigle are unrealized potential material.

The final starter, Cathy Gregg, is noted for her ability to read plays before she attacks. This is one of the areas the team has been working on and Gregg seems to have caught on to it very well.

"The girls learned a game that was difficult to learn," Emery praised. "We'll improve and we'll be better next year."

In season opener

# Creighton downs tired OSU

By NICK DASCHIEL  
Assistant Sports Editor

It's a pretty sure bet that 12 OSU basketball players fell asleep Saturday night before their heads hit the pillows.

Beside the fact that in the previous 36 hours the Beavers had been in four different cities and in the air for 14 hours, they had also had to play a basketball game with Creighton University, one which the Beavers would probably just as soon forget.

Creighton took it to OSU, 69-55, in a non-league game at the Civic Auditorium in Omaha, Nebraska Saturday night. It was the opener for both teams.

Foggy conditions at the Portland International Airport kept the Beavers wondering whether or not they would make it to Omaha Saturday night. After scratching Plan A, the original, the team bussed up to Seattle, then took a flight to St. Louis, and managed to make it to Omaha by Saturday. The traditional day-of-game practice scheduled by OSU coach Ralph Miller was cancelled.

Had it not been for a hot hand by sophomore forward Jeff Stout, the Beavers might have really been in a hole.

When fatigue sets in, it has been said, the first thing to go is the shooting. 27 of 70 was all OSU could muster up, but Stout hit 10 out of 17 shots from the field for his 20 points. Worse yet, the Beavers hit a miserable one of nine from the charity stripe.

All factors aside, plus the fact Creighton has a better than average ball club, the Beavers still managed to stay close for a good portion of the game.

It was a slow start by both teams, as Creighton held a seven point lead at the 9:30 mark left in the first half at 17-10. That's when Miller inserted the Lake Oswego-bred Stout into the game, and he made his mark. His deadly shooting and some pressure by Dwayne Allen somehow gave OSU a 34-33 lead at halftime.

But Creighton put the Beavers away in the second half behind the efforts of John Johnson and David Wesley with a burst of 15 unanswered points. Johnson had 16 points for the winners, and Wesley chipped in 13.

OSU didn't help itself out on defense either, as the referees

saw fit to whistle the Beavers for 31 infractions, which Creighton cashed into free throws. The Bluejays were 25 of 37 from the free throw line.

No other Beaver beside Stout hit double figures. Ray Blume pumped in eight, while Steve Johnson had seven. Julius Allen hauled down a game-high 10 rebounds in his first major college game.



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## Men, women invited to IM swim contest

The Intramural Department will be holding its annual Men's and Women's All-University Swim Meet Thursday, Nov. 30 at 7:30 p.m. Entry blanks must be filled out and turned in to the IM Office by Wednesday, Nov. 29 at 5:00 p.m.

Only three persons per team may be entered in each event. The meet will begin at 7:30 p.m., pool is open at 7:00 p.m. A person may swim two individual events and one

relay or one individual event and two relays.

Events to enter in include the medley relay, 100 freestyle, 200 freestyle, 300 freestyle, 100 backstroke, 100 breaststroke, 100 butterfly, freestyle relay and 400 individual medley.



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## Soccer shootout

The Department of Intramural Sports is sponsoring a Fall Term "Soccer Shootout" on Tuesday evening, Nov. 28.

The contest is scheduled from 7-9 p.m. in the Langton Hall auxiliary gymnasium. Participants will be given six shots as an unoccupied goal with points being awarded for accuracy.

Trophies will be given individual champions at the conclusion of the double elimination competition.

Men and women undergraduate and graduate students are encouraged to sign up in Langton Hall 125 by 5 p.m. Tuesday, Nov. 28.

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TALL BLONDE MAN 9:45

Tuesday November 28, 1978

# BaroSports

Oh, those turnovers!

## Beavers hand Oregon 24-3 decision



Freshman linebacker Harv Childress, filling in for senior Kent Peyton following Peyton's knee injury earlier in the game, grabs Oregon running back Dwight Robertson, brother of NFL star Isiah Robertson. Robertson got away three times for

touchdowns on other occasions, though, leading UO to a 24-3 season-ending victory over the Beavers Saturday afternoon at Parker Stadium (Photo by Steve DiPaola)

## Cagers rebound, lasso Wyoming by 15

By NICK DASCHER  
Assistant Sports Editor

The temperature outside in Laramie had reached only a day high of 30 degrees.

Thirty degrees was probably the environment where the University of Wyoming should have done its shooting, because inside War Memorial Fieldhouse Monday night in a game with Oregon State the Cowboys were ice cold.

The Beavers nearly didn't take advantage of the freezer-type shooting of Wyoming from their own enemy, turnovers, but managed to hang on and lasso the Cowboys 71-56.

The Cowboys hit only 20 shots in 56 attempts for the night, many coming on tip-ins. Wyoming was especially cold when OSU got its offense cranked up.

The Beavers were generous in their own sense with 24 turnovers, 14 of them coming in the first half.

Aside from the turnovers, though, this Beaver team that stepped on the floor Monday night looked more like the team that defeated the Russians than the one that was bombed by Creighton Saturday night.

OSU hit over 50 percent from the field for the night, and hit

23 of 30 free throws, quite an improvement over the one of nine foul shooting of Saturday night.

Steve Johnson was the catalyst in the win over Wyoming, although several Beavers contributed mightily to the cause. Johnson hit for 21 points, and blocked five Wyoming shots along with hauling down seven boards.

Mark Radford, who was the leading cause last year with 24 points in a 79-69 win over the Cowboys, had 17 points to pace the guard corps. Ray Blume pumped in 13 points as the other Beaver in double figures. Julius Allen led the OSU attack on the boards with eight.

OSU started strong on defense as it did not let Wyoming put up a shot in the first three and a half minutes of the game. But the widest the Beavers could lead by in the first half was nine, at 32-23, because of the rash of turnovers.

It was the early blitz in the second half that buried the Cowboys. A 19-6 spree by OSU, led by Johnson and Blume, paved the way to a 17-point lead that OSU never relinquished.

Wyoming managed to chop the lead down to seven at 54-47 with an 11-1 burst of their own, but clutch free throwing down the stretch helped the Beavers build that lead back up to a final margin of 15.

### FINAL PAC-10 STANDINGS

	Conference Games					All Games				
	W	L	T	PF	PA	W	L	T	PF	PA
Southern California	6	1	0	182	81	10	3	0	281	138
UCLA	6	2	0	197	131	8	3	0	251	142
Washington	4	3	0	215	119	7	4	0	270	155
Stanford	4	3	0	182	131	7	4	0	301	199
Arizona State	4	3	0	164	180	8	3	0	313	208
Arizona	3	4	0	148	140	5	6	0	245	205
California	3	4	0	124	204	6	5	0	236	289
Oregon	2	5	0	121	135	2	9	0	173	212
OREGON STATE	2	6	0	92	229	3	7	1	128	244
Washington State	1	7	0	193	268	3	7	1	276	296

### GAMES OF SATURDAY, NOVEMBER 25

At OREGON STATE 3, Oregon 24  
At Arizona 17, Arizona State 18  
At Washington State 8, Washington 38  
At Southern California 27, Notre Dame 25

### GAMES NEXT SATURDAY

USC at Hawaii  
All other teams finished for season except for post season play

By GENE SALING  
Barometer Sports Editor

It was a fitting end to a crazy season for a team with a split personality.

All year long, there were two Oregon State football squads — the one that beat UCLA, Minnesota and Washington State and tied Tennessee, and the one that was crushed by Washington, Arizona State and Oregon.

Last Saturday, it was the "Mr. Hyde" unit that appeared at Parker Stadium against Oregon, and before the day had ended, the "Hydes" had surrendered seven turnovers and lost their season finale to the Ducks, 24-3 before an estimated crowd of 36,000.

The loss left OSU's season record at 3-7-1...nothing to write home about, but incredibly, the best record the Beavers have compiled in football since 1971, when a Dee Andros-coached team finished at 5-6.

Oregon got all the scoring it needed from freshman running back Dwight Robertson, whose touchdown runs of 2,9 and 10 yards in the first half put the Ducks up 21-3 "and that was about the end of it," according to UO head coach Rich Brooks.

The Beavers actually had the lead for awhile, with dependable Kieron Walford booting a 35-yard field goal to put his team up 3-0 early in the game.

But Robertson's runs, all following Beaver turnovers, gave the Ducks a halftime lead that was at no time threatened by Oregon State in the second half.

Sadly, the Beavers had the statistical advantage for one of the few times this season.

OSU had an 18-16 edge in first downs and had 28 more yards in total offense than the Ducks, but oh, those turnovers. They're what really did in the Beavers.

Four interceptions thrown and three fumbles lost — that was the story of the game.

And they all came at inopportune times:

A fumble on a punt gives the ball to Oregon at the Beaver 28 (fortunately, the Ducks fumbled it right back)...

A fumble stops a Beaver drive that had reached the Oregon 31 yard line...

A fumble leads to Oregon's first score...

An interception leads to Oregon's second score...

An interception leads to Oregon's third score...

An interception leads to Oregon's last score (a 32-yard field goal)...

An interception gives Oregon the ball on OSU's 26 (and the Ducks get to the Beaver four before a penalty kills their drive).

In all, the Beavers were in Oregon territory eight times, but could come away with only one score — and that turned out to be another major factor in the loss, the inability to capitalize on opportunities, while the Ducks made the most of theirs.

"I felt we were sloppy at the start," said Oregon's Brooks, "but were were opportunistic. The biggest thing we did today was take the ball away from OSU — and that's the name of the game."

Oregon State head coach Craig Fertig, who has now lost three in a row to the Ducks (OSU has a string of four straight losses to Oregon after winning 10 of 11), said simply, "turnovers were the name of the game for us today."

And injuries, he could have said, for the Beavers had their share of those, too. Kent Howe, Kent Peyton, Tim Sim, Mike Smith, and Willie Johnson all were felled at different points during the game.

But it was the Beavers as a team that were felled Saturday — and Oregon took advantage to post its second win of the year.