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Weather Slightly cooler with in-

creasing clouds. Lows

in the low 40's. High in the mid 60's.

Inside...

Story, page 2.

Accreditation in trouble Three of Oregon's universities are hav-

ing trouble keeping accreditation in

some of their schools. Oregon State's

veterinary college, University of Ore-

gon's law school and Portland State's

business and engineering colleges are all

having problems keeping their accredi-

tation. The schools are in danger because

of a loss of money from video poker.

The OSU Cycling Club is interested in

the thrill of competition that they find in the sport of cycling. The club has been

registered in the United States Cycling

Federation since the 1987-88 cycling sea-

son, which makes them recognized as an

official team. Each team in the USCF

has to host a race once a year, and OSU's

club hosted the OSU-United Way

Steffi Graf continued a 57-game win-

ning streak despite a broken thumb by

winning the Bausch & Lomb Champion-

ships on Sunday defeating Arantxa San-

chez 6-1, 6-0. Graf moves on to the Citizen

Cup in Hamburg, West Germany to try

and continue her streak. The finals in

West Germany may result in a match-up

between Graf and Martina Navratilova,

who currently holds the record for the

longest winning streak with 74 straight

A Florida grand jury declared an al-

bum by a Miami rap group obscene and

effectively banned it from the county.

Volusia County is the fifth county to ban

the album of rap music by the group 2

Live Crew. The grand jury also found

two other rap albums obscene, as well as

a number of videos including "Deep

Throat." The jury's decision makes it a

felony to distribute the albums and

videos to minors and a misdemeanor to

sell or rent them to adults. Story, page

Spending protested

Criterium on Saturday. Story, page 3.

Graf comes back

wins. Story, page 4.

Rap banned

11.

Competition in cycling

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Tuesday

Vol. XCIV, No. 121 Oregon State University Corvallis, Oregon

After pulling out of option year

Marriott submits bid for janitorial services

By JOE ZAUNER

of the Daily Barometer Custodial chores at OSU will remain in the hands of the Marriott Corp. and two rehabilitation facilities for the emotionally and physically handicapped, at least while bids that will are assessed.

Five companies including Marriott have submitted bids to provide OSU with custodial services. The Marriott corporation, which has performed custodial tasks at OSU for the past two years, said it could no longer supply those

provide the university with janitorial services services at rates stipulated in the option year of its contract with the university.

Marriott's custodial division, which is insured by an agency within the Marriott conglomerate, said an increase in insurance costs has caused them to lose money at OSU.

In a Nov. 20 letter addressed to the Oregon Department of Services, Marriott said insurance costs associated with increased worker compensation premiums in the state were not anticipated.

The letter, signed by Marriott's district manager, read "Our costs in this area (workman's compensation) have guadrupled. We can no longer operate at the current loss rate we are experiencing.

The letter went on to state that Oregon has the highest worker's compensation rates of any state in which the Marriot custodial services operate. "We continue to have frustration with areas out of our control that are governed by State Legislation."

In the state of Oregon, insurance rates relative to worker's compensation claims rank third in the country. Rates, which are set by work code classifications determined by the amount of danger to which employees are subject, are fixed by the Insurance Division of the State of Oregon. These insurance rate guidelines must be adhered to by insurance companies that supply worker's compensation policies.

Richard Mueller, assistant director of services at the Physical Plant, said that Marriott informed him the rates for the custodial division at OSU would increase to \$24 per every \$100 of employee payroll in the coming year.

He said Marriott made a miscalculation when it originally submitted its bid to provide custodial services three years ago. "We've (OSU) been told informally by Marriott that they used a figure close to \$2 per \$100 of employee payroll (to determine its rates). This rate is their national average for all types of employees... administrators, maids, etc.

Doug Beeler, director of facilities management for Marriott at OSU, refused comment on Marriott's policies concerning its self insurance and all dealings pertaining to the corporation's business at OSU

Though Marriott is not currently under contract with the university to perform custodial services, Mueller said the corporation will continue to supply services at adjusted rates until the bids are assessed and a new supplier of custodial services is determined. Mueller said the services Marriott supplies are augmented by two rehabilitation centers for the emotionally, physically, and mentally handicapped. The two centers, Open Door Inc. of Corvallis and Willamette Valley Rehabilitation of Lebanon, have clients who are trainable to perform custodial chores at entry levels. We are required by state law to utilize a QRF (Qualified Rehabilitation Facility) where they provide services that we (OSU) need and where their prices are competitive. We do this without going through the bid process; we negotiate directly with them," he said. The two QRF's provide custodial services at Bexell, Milam, and Langton Halls, and at the Women's Building and Dixon Recreation Center. An announcement is expected May 1 to declare who will be awarded a contract to perform janitorial services for the university.





Escort or the ng the ice.

is

There was a rally in Seattle on Monday to protest the use of tax money for military spending. The rally took place in front of the federal building in downtown Seattle and was organized by Washington State Sane/Freeze. The need for the United States to cut military spending was emphasized with a focus on peace in Eastern Europe. The group advocates a taxpayer's right to choose where their tax monies go. Story, page 12.

Oregon Daily 4 The Daily 4 numbers for Monday were 6-9-9-0

Step by step

For some students, climbing the stairs in the architecturally attractive Electrical Engineering and Computer Science building seems to make that tiresome trek to class a little less monotonous.

The Daily Barometer

Accreditation problems plague Oregon universities

By KOSHTRA TOLLE

of the Daily Barometer

Oregon State University, Portland State University and the University of Oregon are all facing accreditation problems.

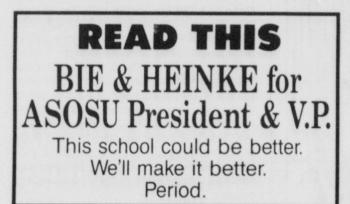
Accreditation is a rating given to a college or university that entitles a university to the public's trust and ensures good education.

The problem is not with the universities' programs, but with the money allocated by the legislature for higher education.

OSU's veterinary college, U of O's law school, and PSU's business and engineering colleges are all in danger because of the loss of video poker game money. The game was expected to yield from \$12.5 million to \$25 million.

According to Provost and Vice President for Academic Affairs Graham Spanier, OSU has an "excellent veterinary school with one problem, not enough depth and breadth in the faculty." He also noted the American Veterinary Medical Association (AVA), which reviews veterinary schools for accreditation, claimed specialty areas are not represented and the workload is too high. He also said the AVA is giving OSU five years to improve the veterinary school.

According to Spanier, all the problems could be easily solved by money. A special budget request is being sent to the Oregon State System of Higher Education Chancellor Thomas Bartlett, by OSU, U of O and PSU



To a Forester, Every Day is Earth Daycome and find out why!



Oregon State University

All schools agree that the money depends on the whims of the well. According to Maury Holland, dean of the U of O law school, legislature and that a special allocation needs to be targeted for the problem.

Nancy Tang, vice-provost for academic affairs at PSU, said Specific criteria are put forth by the accrediting agency which limits things such as the number of part-time faculty, the number of full-time faculty, the number of classes taught during the day versus the number of classes taught at night, faculty teaching load and courses to be offered."

These criteria apply to all university programs and when budgets cannot adequately cover all the bases, the colleges face loss of accreditation. Immediate solutions result in a massive cut in enrollment

'Right now OSU has a good reputation; we provide a good diagnostic service," Spanier said, warning, "it has the potential to detrimentally effect our reputation in the future."

The U of O law school faces serious accreditation problems as construction to the law library."

Post office handles late tax filers By KEN KIM-SZE CHEUNG

is lacking.

resources.

of the Daily Barometer

"I put it off," Pete Elliot said. "I've got homework. I don't have the time to do taxes.'

Elliot is a student at Linn Benton Community College, and like many Americans, turned in his tax forms just a few hours before the midnight deadline at the Corvallis Post Office.

"It happens every year," said John Herrington, postmaster of the U.S. Postal Service in Corvallis. "People that owe money always wait 'til the last minute -- they don't want to send in earlier than they have to.

"People like to procrastinate," Herrington said. "It's something human beings do."

According to Herrington, the overlapping deadlines of the census forms and tax forms has not created a problem at the post office in Corvallis. He said most of the problems will occur in the processing centers in Eugene, Portland and Salem. Herrington said the state has only three processing centers. Herrington said the Corvallis Post Office did not need to hire any extra workers to handle last-minute tax filings. He said the post office handles the extra work load through existing staff.

The last-minute filers that mailed their forms at the Corvallis Post Office yesterday had a variety of reasons for filing late.

the American Bar Association says the "quality of curriculum,

faculty, research, scholarship, and physical space at the school

Holland credits these problems to the low funding in higher

education. "We have had a problem for 20 years. We can't draw

faculty because our salaries are too low." He added that

enrollment has been drastically reduced because of low budget

According to Holland, U of O's library space is not adequate.

Added construction to our law library is desperately needed.

Holland said the state board has granted temporary approval

for a graduated increase in non-resident fees to cover the im-

mediate costs of staff and books. He stressed the fact that the

\$250,000 increase "is only a partial solution. It won't allow added

The project is estimated to cost \$4 million," he said.

"I travel a lot," Glenn Owens explained. "I'm home maybe five days out of the month." Owens works as a field engineer for Applied Theory and travels 265 days out of the vear

"I just recently arrived back in town," Owens said. "When I get home, I have priorities. My main priority is to get home, settle down and rest. Because I'm gone so much, I have to read through my mail, see people about tax statements. It takes a little time to collect everything.'

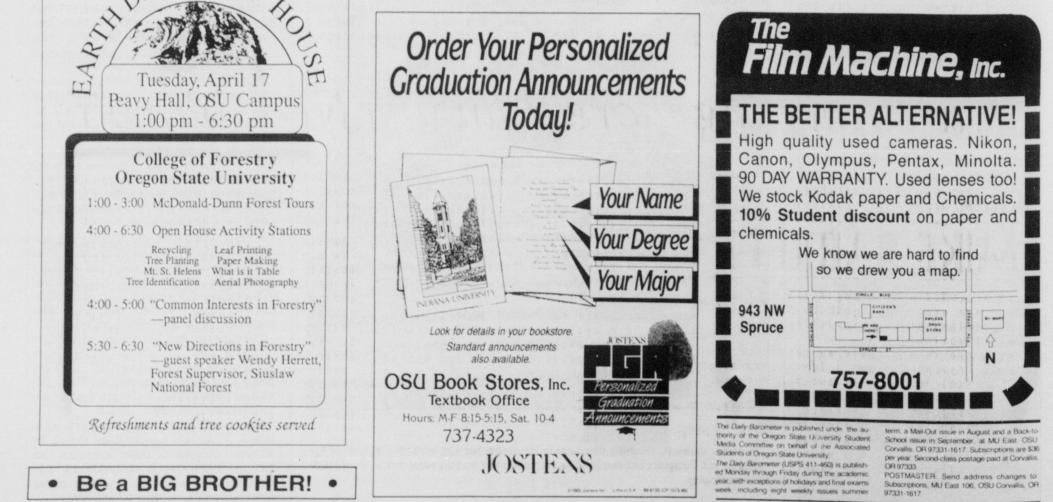
Some people were afraid to file their taxes. "I wasn't sure if I was getting a refund and I didn't want any bad news," said Becky Miller, Corvallis resident. "But it turned out pretty good."

Other people were confused on which forms to use.

"The reason why I'm filing today is because I thought I needed to fill out a different form," said Scott Robertson, also of Corvallis. "I thought I had to file a longer form than I actually did."

And some people just plain procrastinated.

"Just a last minute thing," said Corvallis resident Gail Evertt.



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SPORTS

Tuesday April 17, 1990 - 3

Fierce competition attracts athletes to cycling

By JON BULLOCK

of the Daily Barometer

The Daily Barometer

Competition. The thrill of battling against others in search of a common goal. It is this ideal upon which athletics were founded. For cyclists, this competitive spirit is the driving force which keeps them pedaling day after day.

For Oregon State junior Tom DeHart, it is the competition, not the winning, that urges him forward in the world of cycling. "I've only won one race," he said. "The main reason I do it is for the competition.'

'Cycling is not a sport of wins and losses. Most of the people (who race) get a victory just by competing.

"Cycling is not a sport of wins and losses. Most of the people (who race) get a victory just by competing.'

TOM DEHART

DeHart is an active member in Oregon State's cycling club, which is now into its fifth year. Back in 1987, he became involved with the club as a freshman after being mostly a recreational rider while in high school. After seeing an announcement, he decided to attend one of the club's meetings.

"At that first meeting, the whole time I was blown away," he said. "Everything they talked about went right over my head. I wasn't sure if I would be able to ride with them.'

After competing in three races that first year, he became hooked.

"After that (first year) I decided that it was something I was interested in and I bought my license and became very active in the club," he said.

The cycling team itself was started in 1985 by a group of students who were interested in racing. For the first couple of years the team competed in various races as a club, since there was not a conference to compete in. At that time, the team consisted of eight riders

who raced as independents.

It wasn't until the 1987-88 season that the team became registered in the United States Cycling Federation. By becoming registered with the USCF, the team received a discount on

entry fees as well as being recognized as an official team. In addition, the USCF requires that each team host a race each year, which is why the team put on Saturday's OSU-United Way Criterium.

'We had a great turnout this year," said DeHart, who was the race promoter for last year's criterium. "Brian Adams, this year's race promoter, did a great job putting together a terrific field.'

According to DeHart, there are three things that make a bike race a success: a great prize list, a good date and tradition. "If you want to attract riders, good riders, you have to offer some prize money to get them to come. You also have to have a good date which doesn't have any conflicts.

"We've got the first two," he said, "And now we are working toward establishing a tradition.'

The OSU team is quickly establishing its tradition. Last year the team, along with the University of Oregon, represented the Northwest Collegiate Cycling Conference at the National Collegiate Cycling Championships in Colorado Springs. It looks as if the team will make a return appearance this year. "I'm pretty sure we'll go again," DeHart said.

It is interesting that in a sport that many see as an individual competition, it is actually based on a team concept. According to DeHart, in races the team's goal is to help one of their riders win.

"Everybody who is out there would like to win, but many times it's not your own personal victory but maybe a teammate's victory. So, if you know you helped him to win, it's the same thing as you winning," he said. "You have one main rider and the rest of the riders are 'domestiques.' It is their job to help the 'star' rider win.

The club has developed a great deal since it

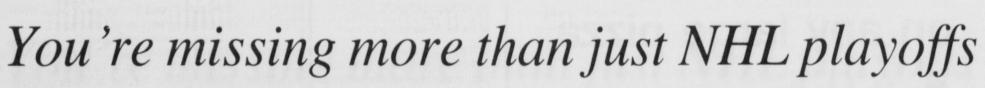


Cyclists compete in last Saturday's OSU-United Way Criterium. Anyone interested in finding out about the OSU Cycling Club should contact Tony Chapin, the club president, at 757-7981.

every level and not just those interested in racing. "In 1988, the club tried to refocus and not come off as hardcore riders," DeHart said.

began in 1985 and is now open to all riders of who might not be interested in racing right now can still participate.'

Anyone who is interested in finding out more about the OSU Cycling Club can contact Tony "We try to promote recreational riding so those Chapin, the club president, at 757-7981.



The closest we can get to it is a brief paragraph in the morning paper, or maybe you can catch highlights on ESPN's Sports Center. But don't even think about watching the National Hockey League playoffs because no one carries it.

pattern developing here?

There is even a pay-per-view NHL playoff package available to cable subscribers in the Portland and Salem areas. Why not here? No one seems to know, especially the employ-

right? Think again.

The funny thing is, if you have a satellite, you can get hockey games and channels not offered by the cable company. Does the cable company not have the technology that



If you don't think you are missing anything, you have obviously never seen the NHL playoffs. It is criminal enough that we don't get regular season play, but the playoffs are like a different game entirely.

Play is faster, checking is harder, and the crowd is louder. And yes, for you who are against it, there really are fewer fights, basically because games mean much more, and players can't afford to leave the ice for that length of time.

Two years ago, during the 1987-88 season, ESPN held the rights to the NHL, but after that season The Sports Channel, based in New York, bought the rights. Sports Channel, just made available to Los Angeles, is not available yet in the Northwest, but Paragon Cable in the Portland area does carry a few games. But we can't get that here. Hmmm. Is there a

ees of the cable company here. If hockey isn't your game then maybe you want the Portland Trailblazer playoff pay-perview home game package. You can surely get that, right? Wrong. Want another one? How about the fight some coined the fight of the decade, Sugar Ray Leonard and Roberto Duran? "No Mas." Sorry.

Any inquisitive mind would probably ask the simple question, "Why do we pay as much as the cable subscribers in the Portland and Salem areas if we don't even get the benefits they do?" And the business major next to them would say simply, "monopoly."

I'll even throw a non-sports event at you. Remember this summer when the Who performed the rock opera "Tommy" live from Los Angeles? Then you called the cable company questioning the availability and heard an abrupt, "No; can't I drink my coffee in peace?" Last spring Robby Knievel jumped the Ceasars Palace fountain on his motorcycle. I bet you think that you could just call and get that pay-per-view, the backyard satellite has? They have to. Then why not?

Another odd story about the cable company here happened a few years back. The little cable boxes that adapt the televisions that only have channel capabilities two through 13 were becoming more and more popular, and the cable company offered them for a small rental fee. They then moved all the broadcast, or non-cable stations, up into the higher channels. For example, KOIN-TV channel 6, was now found at channel 25 or some ridiculous thing. At the same time, the price of the cable boxes went up. Wow, what a coincidence. One thing that I have to commend is the development of the new network Prime Sports Northwest. It is out of Seattle, and they cover many Northwest events, and when they don't, they hook you up to something else interesting on the national Prime Network of Los Angeles. They even carry many Oregon State events.

Well, unlike many problems, you can do more than just hope things change. Until then, thank God for ESPN.

Steffi Graf takes winning streak, \$350,000 home

United Press International

AMELIA ISLAND, Fla. - Steffi Graf, having shown no ill effects from her broken thumb, takes her 57-match winning streak home to West Germany.

Graf won the \$350,000 Bausch & Lomb Championships by routing Spain's Arantxa Sanchez Vicario 6-1, 6-0 Sunday. Her next tournament will be the Citizen Cup in Hamburg beginning April 30.

That tournament could end in a final between Graf and Martina Navratilova, the record holder with 74 consecutive matches. Navratilova set the mark in 1984 and won 13 straight tournaments in the process. The Bausch & Lomb was the ninth straight for Graf.

If Graf continues to win, she would break Navratilova's record at Wimbledon in June. Graf, the world's No. 1 ranked player, said she is not concerned about the streak, at least not yet.

"No, I'm not," she said. "But I'm happy to continue to win.

Sanchez Vicario, whose only victory over Graf in six tries was on clay at the French Open last year, was expected to provide a stiffer test on Amelia Island's faster clay surface

Graf was playing in her first tournament since breaking her thumb in a skiing accident in February. She started with steamroller victories over Petra Langrova in 40 minutes and Andrea Temesvari in 45 minutes. Then she showed signs of rust from her two-month layoff when 620th-ranked Carling Bassett-Seguso battled her for two hours before losing 6-4, 6-4.

Then Natalia Zvereva of the Soviet Union took her to three sets and two tie-breakers in a match lasting 2 hours, 8 minutes.

Graf said overconfidence may have been her problem against Bassett-Seguso.

'It has to do with winning the last two matches so easily, and the last time I played Carling, I played very well," she said.

Graf said she was too aggressive against Bassett-Seguso and too defensive against Zvereva

"I didn't have the balance," she said. "On some points I made mistakes instead of making the right shots.'

On Sunday, she made all the right shots. "Every time I tried to do something, she hit a

great shot," Sanchez Vicario said. "She was unbelievable.

"I approached it a little more intelligently," Graf said. "I was going for the right shots and I didn't make many mistakes. The last two matches it was always the wrong shot.'

MONDAY-TUESDAY

& WEDNESDAY

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The Daily Barometer

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points in the final five minutes and finished with 10 rebounds Monday night to spark the Portland Trail Blazers to a 93-85 victory over the Los Angeles Clippers.

Portland, which beat Los Angeles in all five meetings this season, moved 1 1-2 games ahead of Utah in the battle for second place in the Western Conference. The Blazers tied a club record set in 1977-78 with their 22nd road victory of the year.

Kevin Duckworth added 17 points while Clyde Drexler had 15 and Terry Porter 14 points and 11 assists for Portland, which won despite hitting only 36 percent of its shots.

Women golfers in third place

By MIKE BARRETT

of the Daily Barometer

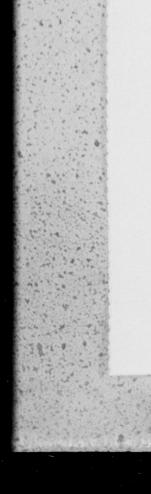
The Oregon State women's golf team enjoyed a steady day of golf, but certainly left room for improvement as they found themselves in third place after one round of the Oregon State Invitational golf tournament being held at Trysting Tree Golf Course in Corvallis.

Freshman Danielle Mitchell led Oregon

ties today," said Beaver coach Odell Wood. "I sure hope we play better tomorrow."

Anna Pianalto, golfing for the University of Oregon's second team, leads the individual battle after shooting a two-over-par 74. Two Ducks golfing for the first team, Shannon Maier and Diana Lewton, shot 76 and 77 to currently stand second and third on the individual leader board.

Washington State is leading the tournament





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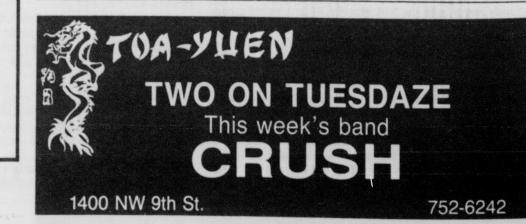
Limited time offer. Valid at participating stores only. Not valid with any other offer. Prices may vary. Customer pays sales tax where applicable. Limited delivery area. Our drives carry less than \$20,00. Our drivers are not penalized for late deliveries.

Delivers Better

State's first team to a 331 first round total with her score of 80. Solid golf was also provided by Kari Loberg and Jennifer Harper who both shot 81

'We certainly didn't play up to our capabili- a.m.

after a team total of 312 was turned in, followed by Oregon's first team at 315. Air Force rounds out the field, shooting a 365. Tournament play is scheduled to resume Tuesday morning at 8



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Science and Technology Magazine

Study seeks definition The quest for a sustainable agriculture

By AUGUST BAUNACH

of the Daily Barometer

There is a new buzz word circulating around the United States: sustainability.

The concept of sustainable agriculture is at the center of the current Congressional debate over the Farm Bill. Debatable questions include: what is sustainable agriculture? How does it differ from organic farming? And how should sustainable agriculture be regulated by the federal government?

- and a team of OSU researchers are helping to define agricultural sustainability. According to Tilth's executive director Harry MacCormack, "Nobody knows exactly what it means to sustain yields or a farming system - that's what we're trying to find out.'

MacCormack said grant money for the threeyear, interdisciplinary study totals more than \$626,000. The grant comes from two sources: The Northwest Area Foundation, and the Low-

Oregon Tilth Inc. - a non-profit educational Input Sustainable Agriculture (LISA) Re- the computer model will incorporate diverse organization dedicated to organic agriculture search and Education Program. The Northwest Area Foundation is non-profit and based in St. Paul, Minn. The Foundation's goal is to provide information for agricultural and environmental policy decisions. LISA is a program developed by the U.S. Department of Agriculture.

> Neill Shaller, national director of LISA, recently stated, "Soil erosion, loss of natural soil productivity, groundwater contamination, pesticide residues in food, growing resistance to pesticides by insects, weeds and other pests, loss of genetic diversity, water depletion and rising farm debts - these issues don't just affect the environment, they affect everyone.

> "LISA came about because of a growing awareness that our highly specialized, monocultural, chemical intensive, capital intensive conventional agriculture is not sustainable," Schaller said.

> The sustainable agriculture movement gained further momentum in September of 1989 when the National Academy of Sciences released a controversial report titled, 'Alternative Agriculture." The report, based on case studies of farms in seven states, said that farmers who eliminate or sharply reduce agrichemical use can still run productive and profitable farms. The report went on to recommend a thorough overhaul of federal research and farm subsidy programs.

A 1989 book co-authored by MacCormack, The Transition Document," states that 'foundations and government agencies have begun to use sustainability as a criterion for grant selection and funding. It is clear ... that low inputs of petrochemicals are to be the cornerstones of a less toxic agriculture.'

According to MacCormack, "Big money and big organizations are becoming interested in the organic issue - companies like Dole and Smuckers. Their analysis of the market indicates that consumers want organic products.

National standards for sustainable agriculture cannot be developed, however, until the concept is defined. Sustainable agriculture has

factors such as land use programs, subsidies and economic/social constraints placed on farmers.

Phase two involves "focus sessions." Researchers extend knowledge gained from the computer model to farming communities around the states. Individualized farming practices already in existence will be processed through the computer model, and suggestions tailored to individual needs can then be offered. Both farmers and researchers are expected to learn from these sessions.

Phase three involves the description of a research agenda to resolve newly identified problem areas

'Part of what we're doing is coming up with a different mode of research," MacCormack said. "From now on it will be multidisciplinary -no reductionist, pure science research. There are too many aspects involved.'

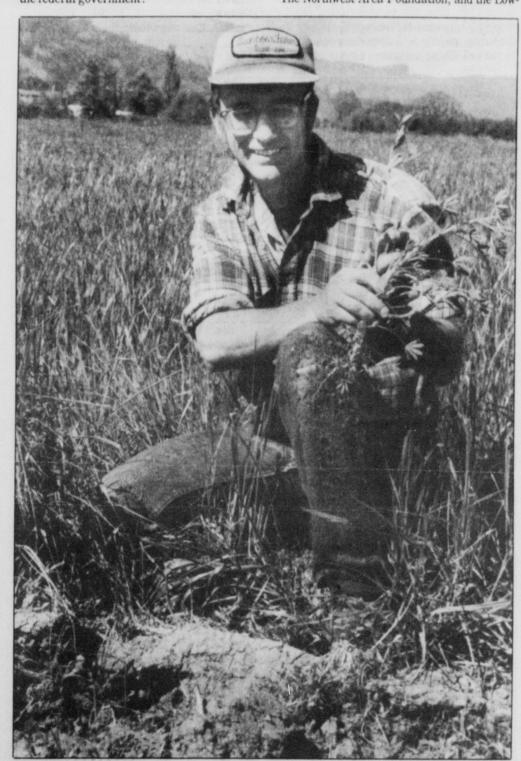
The interdisciplinary research team from OSU includes: Richard Dick, assistant professor of soil science; Sheila Cordray, assistant professor of sociology; Steve Radosevich, professor of forest science; Russell Karow, OSU extension service; Ray William, professor of horticulture and OSU extension service weed specialist; Daniel McGrath, Marion County extension agent; and Hans Wittig, Fairlight Lucia and Harry MacCormack of Tilth.

The group also includes an advisory committee composed of nine members: three 'conventional'' farmers, three "organic' farmers and three "transitional" farmers. "Transitional" designates a change in agricultural management practices - from conventional reliance on agrichemical input over to "organic" practices.

According to Radosevich, who heads the modelling team that is seeking to understand all the aspects of sustainability, "We are focusing on the Willamette Valley, but we expect our research to be applicable to the entire area west of the Cascades.

We aren't starting from scratch. We are using a lot of shelf stuff -an array of models that have already been developed.

But progress can't be made until we have a



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Harry MacCormack inspects a field of field pea, vetch and rye grass on his farm outside Corvallis. MacCormack uses a system of "green manuring" to fertilize. Green manuring is a technique where plants are grown and plowed under as fertilizer rather than applying chemical fertilizers or brown manure.

many meanings, depending on who you ask.

'Some infighting has developed," MacCormack said, "and it's basically a materials list problem, defining what will be allowed.

'There are some real purists in the organic movement, and then there are some people who are more in tune with what it takes to do commercial agriculture. As the federal organic bill plays out in Congress, the fight that's going on is really between those two factions.

'Some of the environmentalists are too puritanical - they don't know what it takes to run a farm," MacCormack said.

An interdisciplinary approach to the problem has been adopted by Tilth and the team of OSU researchers. Their joint research consists of three phases.

The first phase involves the development of a computer model that incorporates all possible impacts on any farming - or any forestry -system. In addition to plant requirements,

definition to work with. Sustainability, like most definitions, will be arrived at after the fact. People from all over the region have begun to question the costs of agricultural inputs, the cost of external technologies, and the savings available through the use of various alternatives."

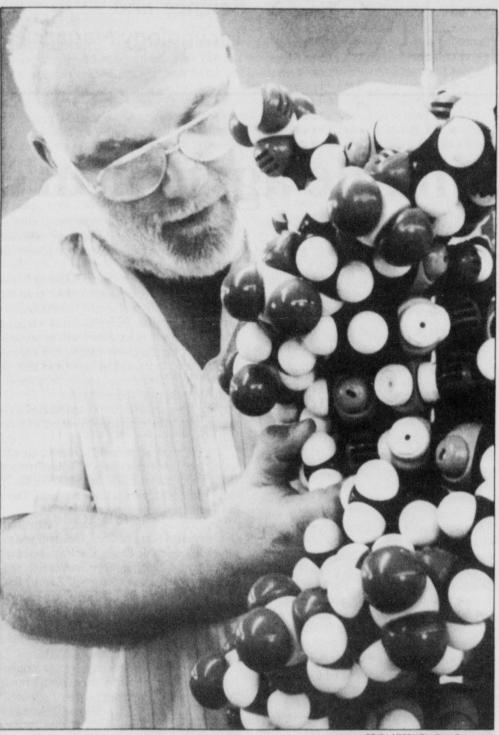
Radosevich explained that the research intends to replace mystique with understanding.

'This is through intensive management.' Radosevich said. "The reason why Tilth is involved as a corroborating agency is because they have broken away from the traditional model of grower organizations. Previously, the manner in which previous research has been conducted has been as much of a problem as finding solutions."

According to horticulture professor Ray William, "We're after the basic principles of sustainability. To argue only one strategy is a mistake as far as science is concerned.

Antisense nucleic acid technology

Stopping viral infections is goal of Corvallis biochemist



Jim Summerton of ANTIVIRALS, Inc. works with a model of a strand of DNA. Summerton is working in a field called antisense nucleic acid technology. His goal is to redesign genetic material to bind with virus molecules and stop viral infections.

Interested in working as a peer assistant?

If so, the Academic Services Center would like to meet with you!

By MOLLIE MONDOUX

of the Daily Barometer

With the powerful vaccines of today, people don't have to worry about some of the deadly or crippling diseases prevalent a few decades measles and influenza.

While vaccines can protect against some inafter an infection has taken hold, as in the case of hepatitis, herpes or AIDS?

A potential answer may be found in an area of biotechnology concerned with creating drugs that will inactivate viral DNA or RNA once it is inside a host cell, and thus stop a virus infection. This area of research is called antisense nucleic acid technology. Nucleic acids are the coded instructions for making proteins, and proteins are the building blocks for life. If a portion of a viral DNA that codes for the production of a particular protein can be stopped, then the virus infection can be stopped. Antisense technology deals with introducing nucleic acid sequences into an infected cell. These sequences bind to a specific

area on a viral RNA or DNA and stop the production of a particular protein.

The Daily Barometer

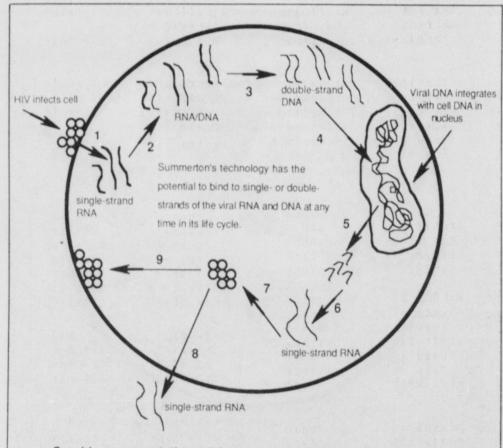
Although the antisense approach to developing therapeutics is being pursued by only a handful of companies and only for the past few years, work toward creating antisense drugs ago. In the past, smallpox infected millions of has been the goal of biochemist James Sumpeople yearly and polio crippled tens of thou- merton for 20 years. Ten years ago, he quit his sands. Today we just roll up our sleeves, get a job as a professor at Oregon State University number of shots and are then protected from and founded ANTIVIRALS, Inc. in Corvallis to diseases like smallpox, polio, diphtheria, continue his work outside the academic environment

Summerton got the idea of inactivating viral fectious diseases, what kind of help is there nucleic acids while listening to a seminar presented in 1969 by B.R. Baker, a researcher working on designing drugs that would turn off virus protein production. This work was very complicated, Summerton said, because the researcher was working blind. He didn't know the molecular structure of the protein so he was just making many things, testing each one and slowly working up his base of knowledge.

It occurred to Summerton that if the work were done with DNA and RNA instead of with proteins, the blind testing could be bypassed because the molecular structure of DNA and RNA is known.

"I was this wet-behind-the-ears graduate

See VIRUS, pg. 7



Graphic representation of human immunodeficiency virus (HIV)

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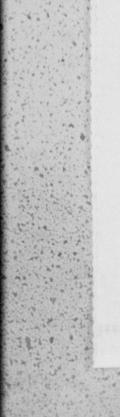
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Interviews will be held and selections made during Spring term. Selectees will earn an hourly wage and will be expected to work an average of 5 to 6 hours per week during the 1990-91 academic year. If you are interested, contact the Academic Services Center, Ads A100,

737-0535 for an information sheet and application.

infecting a T4 immune system cell. T4 cells are the ones most needed for the human system to fight infections. 1. HIV penetrates the cell wall, injecting single-strand RNA into the cell. 2. Reverse transcriptase (enzyme) uses viral RNA as a template and makes DNA, resulting in an RNA/DNA duplex 3. RNA in the duplex is degraded into DNA, resulting in a double strand of viral DNA. 4. Viral DNA penetrates the nucleus wall and integrates with the cell DNA. The HIV DNA can sit on the cell DNA for years before becoming active 5. When the T4 cell is stimulated, it generates new virus strands and pre-messengers 6: The pre-messengers are spliced into messengers. 7. The messengers make viral protein.

8. The viral portein assembles new virus particles that can go into the blood stream to infect other cells, or

9. The viral protein can pass through the cell membrane and into adjacent, uninfected cells

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OSU physicist to assist effort to catch particles from comet the pro-

By JAMES CROCKER

of the Daily Barometer

NASA and the Jet Propulsion Laboratory in Pasadena, are looking for a material with currently under study are foams, which very unique properties. The goal is to catch ice particles from a comet moving much faster than a bullet without destroying the called aero-gel. This substance has the particles. This dust would be brought back desirable quality of being clear, so the parto the Earth for study. This is the first time ticles would be visible before they are a project of this type has been attempted.

David Griffiths, a professor of physics at when it gets near the sun, puts out a lot of gas and dust into space. The idea is to send collectors through the denser portion of the dust cloud and thereby capture particles."

Earth and travel across the path of a cornet. The collectors would be exposed when the probe passes through the coma, the denser area closest to the head of the comet. For several minutes the collectors would be heavily bombarded by the tiny particles. Then the collectors would be covered again, and the probe would return to Earth. The probe would remain in a parking orbit cushioning to protect the particle. around the Earth before being retrieved by the space shuttle

come from three different places. The Oort Cloud is a hypothetical body that is probably 1/4 to 1/2 of the way to the nearest star from our sun. A second Oort Cloud has been postulated to be about twice as far from the sun as Pluto is. Comets from these two areas experience various forces of gravity, as from the planets or nearby stars. When this occurs the comets are dislodged and fall closer to the sun. The third place where comets show up is within the orbit of Jupiter. These comets, which stay within Jupiter's orbit, are called the Jupiter Family. They generally orbit the sun about every three years.

The comet to be sampled in this project will be a member of the Jupiter Family. There are two major advantages in selecting one from this family. First, these comets are continually coming in close to the sun, which makes them readily available for collection. Other comets just aren't around when you need them, such as Halley's comet, which orbits the sun every 76 years. Second, comets in the Jupiter Family move much slower through space, thereby making it easier to safely catch particles. These comets travel at about 8 to 12 kilometers per second (Halley's comet moved at 72 km/s). Why go to all the trouble to collect comet dust and bring it back home? According to Griffiths, "One of the reasons for doing this is to try to get hold of material that you have good reason to believe has been left unchanged since the early stages of the formation of the solar system. These comets formed a long way from the sun and they've been basically in a deep freeze for most of their existence." By studying pieces of a comet, we can learn what the conditions were like 4 or 5 billion years ago, when the Solar System was formed. This "window through time" would help our understanding of the formation of the sun and planets. While we have good theories on the formation of the solar system, this project has the

potential to provide qualitative new information.

Griffiths' research focuses on analysis of Scientists at OSU, in collaboration with the shock waves in under-dense material, which occur in a collision. The materials slow the particles down the fastest without destroying them. One foam being tested is removed from the foam.

Aero-gels have been developed over the Oregon State, explained, "The immediate years, but recent improvements have been objective of the project is to capture in- made in their production. When an aero-gel tact ... some portions of a comet. The comet, is made, a substance (often silicon) is mixed with water or alcohol, and this mixture is allowed to set. The water or alcohol is then extracted, leaving a structure of tiny cells. The extraction formerly took days or weeks, The space probe would be launched from but recently scientists in France have brought the time down to just a few hours.

The uniform cellular structure of aerogels is the reason they are useful in Griffiths' research. When the particle hits the foam it encounters a series of tiny cell walls, which slow the particle down in many small steps. This is preferable to stopping the particle all at once because it provides

The goal is to catch the particle, while maintaining its structural properties. "You Current theories suggest that comets can put up a plate and when the particle hits it, it will vaporize part of the plate and the entire dust grain you're trying to catch ... the more structure you can preserve the more information you've got.

> The overall head of the project is Peter Tsou at the Jet Propulsion Laboratory. Griffiths goes to the Jet Propulsion Laboratory every summer where he continues his research with Tsou. Tsou goes to the NASA AMES research center about once a month, where he tests various materials. Here, particles are shot into the foam material at high speeds, ranging from 4 to 6 miles per second. From these speeds, the particles are slowed to a stop in a distance of less than three feet. "They hit with a whallop," Griffiths said.

> A typical example is an aluminum particle 3/32 inches in diameter, traveling at 6.2 kilometers per second, which was stopped in a distance of 30 inches. In this test 95 percent of the particle was recovered. Other materials that have been shot into foam include silicates, meteorites and lunar soil.

> In order to test the probe it may be placed into low Earth orbit. Here it wouldn't collect comet particles but instead interplanetary dust. Apparently, it is almost impossible to distinguish these particles from one another, and to tell where they came from. This is why it is necessary to get right next to the comet.

VIRUS, from page 6

student and I went up to him after the talk and told him that he had it all wrong. I told him that he should switch to nucleic acid. He probably thought I was a pile of garbage because he had devoted his life to this work," Summerton said.

But dealing with viruses once they have infected an organism is difficult. The problem, Summerton said, with trying to destroy a virus after it is inside a host cell, is that because the virus integrates with and uses the host cell's machinery, anything done to kill the virus kills the host cell too. Destroying the virus without destroying the host cell means devising ways of targeting only the viral strands of DNA or RNA.

One potential method takes advantage of the fact that nucleic acids that make up RNA and DNA strands match up with complementary nucleic acid strands in well-known, specific ways, Summerton said.

In his work he created short strands of nucleic acid analogues, synthetic molecules complementary to sections of viral nucleic acids. Since these analogues are synthetic, they are able to get inside the infected cell and not be affected or degraded by the enzymes that act on normal nucleic acids. Once inside the cell, these analogues bind to single or double strands of the viral genetic material. By binding to the viral strand, the synthetic molecules short circuit the viral RNA or DNA, thus putting the virus out of action.

Gene-inactivating therapeutics that can bind to single and double-stranded viral material could have a great impact in the area of retroviruses, of which AIDS (Acquired Immune Deficiency Syndrome) is the best known. Retroviruses are a hard target to hit because once inside a cell their genetic material changes from single-strand to double-strand then back to single-strand.

Summerton's approach has focused on deboth single and double strands of the AIDS retrovirus at all the stages of the virus's life cycle. Years of work at ANTIVIRALS has resulted in two technologies, Summerton said. "The simple technology, which is antisense, binds singy, which is antigenes, binds double-stranded phylactic vaccines can't fill

integrated."

Such agents could avoid the problems of toxicity and incomplete effectiveness that plague AZT (azidothymidine), an antiviral drug therapy currently used against AIDS. Antiviral drugs work by interfering with the virus's life cycle. AZT only affects the AIDS virus at one stage of its life cycle — the single-strand stage, so it can't cure the disease. AZT may lessen the severity of the disease, Summerton said. But since it isn't a cure, it has to be taken regularly, which is why toxicity builds up and creates problems for the patient.

Summerton said he expects his antiviral agents will avoid these problems because his technology has the potential to stop the virus, so the drugs only need to be taken for a short period of time.

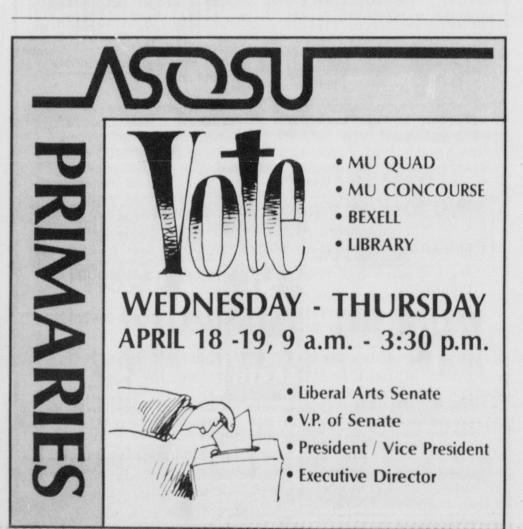
Summerton said he hopes to get an AIDS therapeutic out soon for testing. "(It's) not a formal, clinical therapeutic, but an agent targeted against AIDS that will show good biological activity." Such an agent may be six months or six years away from being a product ready for human use, he added.

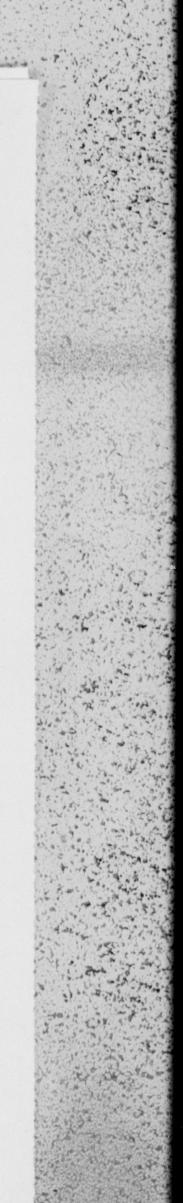
This gene-inactivating technology has the potential of being adapted to target a variety of viral diseases for which there are currently no therapies, Summerton said.

Besides AIDS, such diseases include hepatitis A and B, herpes I and II, shingles, warts, mumps, cold viruses and others. Since each virus is unique and each makes different proteins, figuring out which area on the viral DNA or RNA to target in order to shut down protein production is almost like reinventing the wheel each time you need to move a wagon.

'Obviously, we have to start over for herpes and start over for hepatitis, but once you've done it (made an effective therapeutic against one virus), you know what to look for, so it's going to get a little easier each time," Summerveloping agents with the potential to bind to ton said. "And we're probably talking a period of weeks to months instead of decades like it is when you start from scratch.

Because of vaccines, we have a long list of diseases we no longer have to fear. In the case of viral diseases, new advances in antisense gle-stranded RNAs and DNAs and shuts them Technology may not only extend this list, but off. And then the more sophisticated technolo- also fill in the gaps that preventive and pro-





Griffiths indicated that NASA has plans for a bigger project, called C.R.A.F.T., for Comet Rendezvous Asteroid Flyby. 'They're going to send the lab to the comet, and it's going to fly beside the comet for a couple years, analyzing it." Griffiths stated that this will be extremely difficult but could reveal important data about the way a comet changes as it approaches the sun.

Griffiths has been working on his current research for three years, and plans to finish sometime in the mid-1990s. The space probe will probably be ready by the later part of this decade.

The Daily Barometer

These experiences led to

changing several aspects of

the netting system. Cavaletto

redesigned the nets in smaller

overlapping pieces to make

them easier to handle and

built in a system that allows

the vineyard operator to

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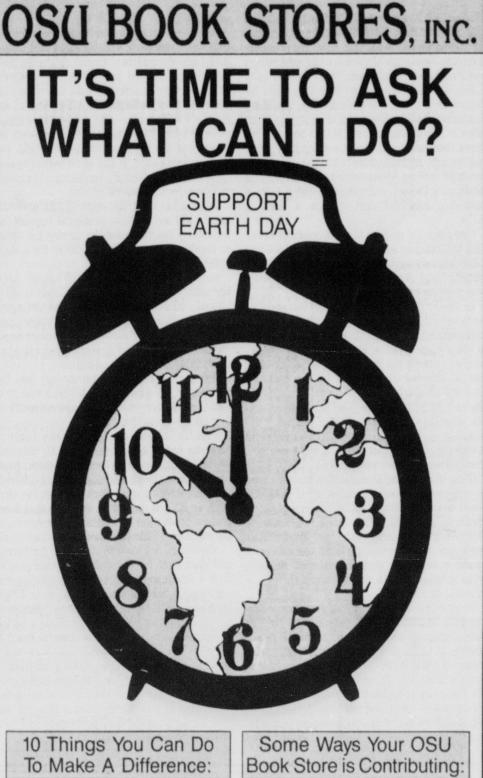
since the cost of netting for one acre of land can vary from about \$220 at 1/2 cent to \$1089 if the grower uses netting at 2 1/2 cents per square Your Balfour College Class Ring

Richard Cavaletto

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- Use a mug instead of paper cups
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Netting system developed to protect grapes from birds

By ERIC LARSEN

of the Daily Barometer

Research in OSU's agricultural engineering department is refining a netting technique to protect Oregon grapes from hungry birds.

The project is headed by agricultural engineering associate professor Richard Cavaletto and funding has been provided by the Oregon Wine Advisory Board.

Crop losses to birds can be substantial in grape vineyards, depending on their location and when the grapes mature, Cavaletto said. For some growers these losses can be from 10 percent to 50 percent of their grape crop.

"Some places have problems fairly consistently because of large populations of local birds that live in that area. Other years a grower might have migratory birds coming in. If the crop is a little bit late in maturing and it coincides with the migration of, say, robins coming down from British Columbia and Alaska you can have real problems.'

Or, a grower might have a localized problem in his vineyard. Edges are prone to grape loss since the birds can roost in nearby trees in between feeding periods.

In the past, most netting systems have been designed to attach directly from the ground to the vine trellises with separate nets covering

UP TO

each row of grapes. This system has the disadvantages of the vines growing and intertwining with the netting and also the labor involved in removing the nets before the grapes can be harvested.

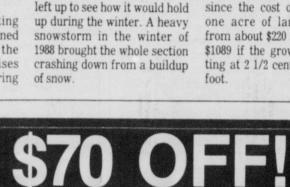
The system developed by Cavaletto differs in that it creates a large mesh "tent" around the vineyard. In 1988, at the test vineyard

on Peoria Road, the researchers sunk several telephone poles and 1/4 inch diameter cable was strung between the poles. Then the netting was hung 12 feet off the ground supported by the telephone poles and wire network to

Two huge nets were strung over the vineyard the first summer. Cavaletto laughed when he recalled putting them together.

"We went out on the soccer field (behind the Woman's Building), laid all these small pieces of netting out and actuit up on the support wires and roll it out. That was a learning

ing tested varies from 1/2 cent per square foot to 2 1/2 cents per square foot. The difwas taken down and the other



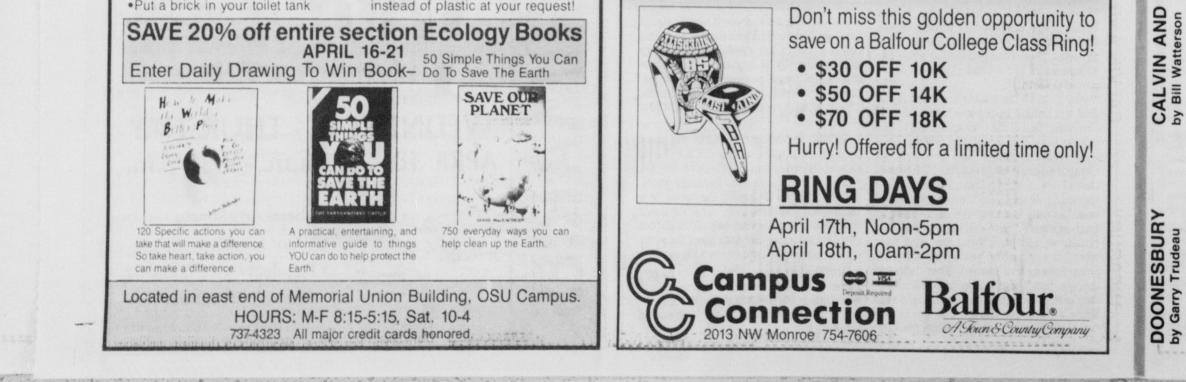
stretch out and take in the nets fairly quickly. Working much like a shower curtain, the nets have rings that are attached to the suspension wires enabling the growers to slide the nets in and out.

create the "tent."

ally sewed them together using plastic bailing twine. Remember, this was a big section - about 150 feet by 200 feet. We needed 10 men to lift

ject is evaluating several types of netting for durability and longevity. The netting beexperience!" he said. After the harvest, one net

ference here is significant



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ASOSU Experimental College is now ac-cepting applications for four Assistant Direc-tors to do accounting, scheduling, public re-lations, and northwest excursions. Applica-tions can be picked up in Snell Hall Rm. 140 and are due April 23. Positions begin Fall 1990 and entail 10-15 hours/week. You must be an OSU student.

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tions for the school year beginning Septem-ber 1990. Upper classmen only. Quiet co-ed. A great place to livel Fine food, weekly housekeeping, each room with bath. Universal gym, recreation room, ven-ding and laundry. Cable T.V. inflounges app-ly in person at 155 NW Kings Bivd. Corvallis 97330 or Call 752-7127 for more information or application. or application

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enjoy discussions, Bible Study, Sundays 10:00-11:00 a.m., Kings Circle Assembly Call 752-8861 or 757-9080.

 $\begin{array}{c} A\Gamma\Delta \text{ Hoop Shoot!} \\ \text{Thursday, April 26, 6:30 p.m. All independent & living groups are encouraged to participate in the shoot-off between teams of 2.$ $Questions? Call Allison 757-6155. \end{array}$

Deschutes Whitewater Raft Trip This weekend, sign up at the OUTDOOR RECREATION CENTER 737-3630

Py

Engineering student council openings. President, Vice President, Secretary, Fill out a general application (from SAC-MU East) and turn it in to the Engineering office by April 25th. Come to interviews April 26th, 6 p.m. Batch 349.

April 26th, looking for talent in all areas (i.e. music, comedy, acts, etc.). Call Bryan for info, on how you can be involved,

Hey OSU Freshman Women! There will be an informational Talons meeting Wednes-day, April 18 at 5:00 p.m. in the MU. See you there! Applications available in the SAC!

Talons! Our next general meeting is April 25 at 5:00 p.m. in the MU.

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Travel

Michele McSperitt, Denise Wolfe, & Dawn Friend. Just wanted to thank you for being such great roomies! I don't always tell you, but you are! Thanks so much! Good luck with the rest of this term!

Love ya, Kecia

Ladies of $\Delta\Gamma$ Volleyba BBQ Bums in the backyard? Oh well, Friday night was a blast! Let's do it again soon.

– The men of ΠKA King Spice— If I had from the world to choose. I would be loved by none other than you. You are my knight in enchanted armor Love—Mistress Bobbin

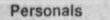
A-phi Jenner Happy Birthday!

Hope you're ready, this is your big night! Love, Hil, Jo, Babs, Hoyty, & Leezy P.S. Tammy, this night is for you too

I GOT MY

LOUSY STUFF.

Mr. Anchorsplash Men Good luck Thursday night! ΔΓ



Splash, Critter, Raindrop, Clover Daphnia, Gemini, and Gator! Thanks for last week! Chuga Chug! Woodchuck!

Delt Jeff Zaiger--Thanks for the great night at your house daece! Let's do something soon!! Love--Reeder

CALENDAR

The deadline for calendar notices is 2 The detailine for calendar horizes is 2 p.m. on the day before publication. Information must be turned in at the Daily Barometer Classified Ad Office, Snell 117A, on the forms provided. All events listed in the calendar are open to the public unless otherwise noted. Calendar notices are subject to editing.

TUESDAY Meeting

Alpha Kappa Psi, 6:30 p.m. executive, 7 p.m. membership, MU 106. Speaker to-night. ASOSU Judicial Board, 5 p.m., MU 106.

Bernard Pitts, 2:30 p.m., MU Board Room. Meet candidate for the position of the Direc. of the MU and Educ. Ac-

tivities. CMAA, 7 p.m., Bexell 207.

GPSA, 5 p.m., MU 204. Potluck postpon-ed till May 1. KBVR-FM, 10 p.m., 88.7 MHZ. Nine Days Wonder Young Fresh Fellows, Yo LA TENGO, & Nice Strong Arm.

Legal Studies Society, 7 p.m., MU 208, Speaker: Matt Galli, 1st year law stu-

dent at Willamete Univ. Law School. OSU Amateur Radio Club, 7:30 p.m. Snell 229. TCP/IP demo.

OSU Pistol Club, 7 p.m., McAlexander Field House Range. Yearbook photo.

OSU Pre-Medical Society, 6 p.m., MU

OSU Sailing Club, 7 p.m., MU 210. All welcome

OTA/Chrysalis, 4 p.m. Older than average students. Sierra Student Core Group, 7 p.m., MU

Women's Center, 3:30 p.m., Benton Annex. Intro. about self-esteem workshops. 737-3186.

Entertainment

ASOSU Environmental Affairs, Santian Wilderness Comm., 12:30 p.m., MU Lounge. Slide show.

Society of American Foresters, Student Chapter, 1 p.m., Peavy Hall. 1-3 p.m. MacDonald/Dunn Forest Tour; 4-6:30 p.m., Peavy Open House.

Leonard Adolf: "Overcrowding-China's Dilemna."

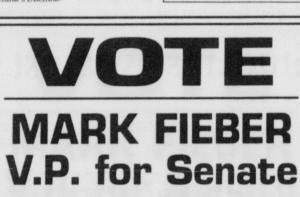


Lutheran Campus Ministry, 8 p.m., 211 NW 23rd. All welcome.

Westminster House, 11:45 a.m., 101 NW 23rd. Soup 'n San' Lunch. \$1.50.

Oregon State University

Meeting: April 18th Time: 7:00 p.m.



Personals

Tuesday April 17, 1990 - 9

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Beauty, Moby, Ray, read and be warned: ow next, yeur roadway wil For on the more heat, your readway will be shared. Like the magnificent phoenix, the Gecko has been reborn, the GYPSY breathes So as your chrome buckles and your spokes give way in wake of her beauty, remember she's been to the wild,

WEDNESDAY Meetings

Ag Exec Council, 8 p.m., Ballard Ext. 106. Collegiate FFA.

Campus Crusade for Christ, 6:30 p.m., MU East Forum. College life.

Equestrian Club, 6:30 p.m., MU 213C. IFC and Panhellenic, 7 p.m., Alpha Chi Omega. Dating expectations and date

rape prevention Lesbian Support Group, 5 p.m., Wo-men's Center, Potluck.

Marketing Club, 7 p.m., MU 211. Speak-ers from Nike and elections. OSU Mt. Club, 7 p.m., Outdoor Rec. Cen-ter. Climbing videos.

OSU Weightlifting Club, 7 p.m., Varsity Weight Rm., Gill Coliseum. Enter west

Pacific Northwest Personnel Manage-ment Assoc., 6 p.m., MU Council Room.

RHA-Presidents Council, 7 p.m., MU Board Room

Women in Communications, Inc., 6 p.m., Milam 119.

Women's Center, 12 noon, Benton Annex. Silent lunch.

Speakers

Center for the Humanities, 7:30 p.m, MU 206. Jesse Gellrich: "Oral and Written Traditions in the Middle Ages."

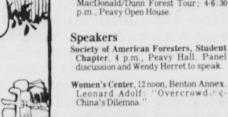
Pre Vet Society, 7 p.m., Magrueder 102. Dr. Brad Smith: Llamas.

Communications Media Center, 9 a.m., Kidder 108E. Teleconference, The Knowledge Navigators: Technologies That Get Us There and Beyond.

Women's Center, 5 p.m., Benton Annex. ''Help envision the year 2000.'' Potluck.

Weightlifting Club

Where: OSU Varsity Weight Room, Gill Coliseum (Enter on West ramp



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Y-Round Table is accepting applications Big Brother/Big Sister Program Director the 1990-91 school year. If interested stop MU East Room 135 for application.

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MU East 117

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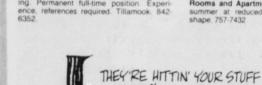
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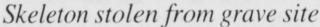
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United Press International

VANCOUVER - For 44 years, Margaret Thomas lay undisturbed in St. Johns Catholic Cemetery in Vancouver. Undisturbed, until Eastern morning.

About 1 a.m. Sunday someone dug three feet down to Thomas' grave, lifted the cement-slab linings from above the coffin and took her body.

"It's sick," said Vern Thomas of Vancouver, Margaret's nephew. "When they find whoever did that they ought to get rid of (them)."

The 122-year-old cemetery also was vandalized in September when 28 headstones were tipped over.

Cash Frackiewicz, who also lives near the St. John's cemetery, wonders if the latest incident had anything to do with satanic rituals. He said a bull and horse were killed elsewhere in Clark County last summer, apparently by ritualistic mutilation.

EDITORIAL

The Daily Barometer

The Dail

It is time for America's allies to look after themselves

Yesterday millions of Americans the continuation of an unfair trade filed a tax return. Many of them will receive a tax refund. Others owe money.

But how many stop to consider where their taxes are going, and what the federal government can do to make sure their money is spent wisely

When President Bush made his historic campaign statement in 1988, "Read my lips: No new taxes," Democrats and Republicans alike said to themselves that an increase in taxation was inevitable. By placing the environment, education, and the war on drugs on the front burner of the political agenda, Bush seemed destined to make his critics correct.

Now he has an opportunity to make good on campaign promises. With the reunification of Germany, and the apparent break-up of the Soviet empire, the United States is spending way too much money on the defense of her allies.

Take Germany for instance. Currently, there are more than 365,000 U.S. troops sationed in West Germany as a part of the NATO agreement to defend Europe against Eastern agression. It was an agreement hatched shortly after World War II, to ensure Europe's chance to rebuild from the devastation of war, without worry of a hostile invasion.

Now, 45 years later, Europe has rebuilt and has become an economic superpower. Germany alone, with reunification, can be deemed a superpower, so isn't it time she took care of her own defense?

Then there's Japan, a country that ridicules America for its lack of technological innovation, and insists on power, not a military one.

imbalance. Apparently they forget that the United States is spending over six percent of its gross national product on behalf of their defense, compared to a measly 1 percent by the Japanese.

Even Israel could have some of the fat trimmed from the resources spent to beef up her defense. As the wealthiest country in the Middle East, and one that continues to sabotage any meaningful peace talks with the Palestinians, it is also time for them to take care of themselves.

This is not to suggest that the United States becomes isolationists. America should still be the first to rally behind the causes of freedom and democracy, and to lend a hand when crisis strikes, but it should not be cast in the role of an international caretaker.

The emphasis on defense should be shifted toward fast-response and crisis intervention, and not remain as an occupational force.

The troops in Germany could be brought home to patrol the southern borders of the United States in an effort to curtail drug trafficking. The Navy and Marines could concentrate on enforcing drug policies on the high seas, and ensuring the continual safety of America's vast merchant fleet. The Air Force could put many of its units into active reserve status while maintaining its arsenal of strategic and nuclear weapons.

America has enough problems at home without worrying about the security of its wealthy allies. It is time for the United States to once again establish itself as an economic super-



Students Against OSPIRG Funding urge you to vote NO

To the Editor:

I am one of the students who is responsible for organizing SAOF (Students Against OSPIRG Funding). I want to explain to the students of OSU the whole story, facts that OSPIRG hasn't mentioned and why we're against funding them.



ready support established programs that any student can participate in, to whatever degree they wish. ASOSU pays \$24,000 each year in dues to OSL (Oregon Student Lobby) to lobby our state legislatures, the State Affairs Task Force works with them. ASOSU also pays \$900 in dues to USSA (United States Student Association) to lobby at the national level for students' rights. ASOSU also has an Academic Affairs, City Affairs, Environmental Affairs, International Affairs, Ethnic Minority and Disabled Student Affairs, Public Affairs, Women Affairs, Student Affairs Task Forces, Saferide, Experimental College, and Study notes, this doesn't include the 65 University committees that students can serve on. I feel with a list of activities such as the preceding any student can participate in whatever they like without having to pay \$84,700 for the privilege. I am also serving on the Educational Activities Committee. This is the committee that is in charge of budgeting and allocating funds to campus organizations. This year we received 35 budgets for over \$700,000; we ended up cutting the budgets to just over \$500,000. Most of these budgets couldn't be funded completely and some not even adequately, such as our bands, choirs, minority groups and international students. If we can't fund activities on campus how can OSPIRG expect us to fund them off campus?!! I believe we first need to take care of business at home and make this a dynamic, viable exciting place to learn. We need to solve our own problem first (student apathy, improve facilities, campus safety, child care, etc ...) and then once we're strong we can start to spread out and tackle more problems. We have to focus our energy and do a few things right and not spread ourselves so thin we do everything half-assed.

OSPIRG has been off campus for the last three years and for the reasons I listed above - no control of the funding, duplication of existing programs, and the need to fund other campus activities - I hope you join me in voting NO on "OSPIRG" in the ASOSU general elections April 25 and 26, and keep OSPIRG off campus for another three years.

Chip Wood President of SAOF

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1989. In my dedication motivation He has be Club, and projects for His back lege and fir where he w In talking creating a university communic dents at C well as br of the stud Michael university about bene Michael voice the o Susan Bosh

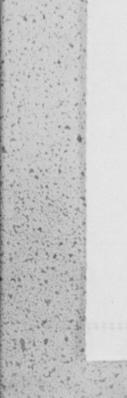
Vote

Past Buxto

To the Edit I'm writi President. the most o have ever credible al Mike has b a great se natural lea serve as AS **Bill Smith** Junior in C

Tom

To the Edit I would | worked wit the senate for the job the bureau where to g ability to s and the OS lem. He ha committee well as AS in situation his job and public spea student con ed about On choice for A Kristi Hart



First off, OSPIRG paints a picture of martyrdom! How they are out striving to save the world by protecting us, Joe Q. Public, from toxic waste, air pollution, the plight of the homeless and umpteen other popular social concerns for the low cost of only \$2/student/term. What's the bottom line? They want \$84,700 a year to carry out their agenda, \$2/student/term adds up pretty fast! Once OSPIRG is given the money it goes to their bank in Portland and we lose control over OUR dollars. "Oh contrair," they shout. "Once you've funded us you get to place students on our Board of Directors." How nice, for the introductory sum of \$84,700 we get to have a few students on your Board that will adequately represent the needs and concerns of 16,000 OSU students - get real!! Now let me explain why SAOF feels there are already enough student and environmental activities existing on campus for students to participate in.

It's the opinion of SAOF that OSPIRG is duplicating services presently being offered to the students of OSU. Student Fees alASOSU Agricultural Senato

George Petroccione, Editor Kerri Kuykendall, Business Manager Phillip McClain, Production Manage Frank A. Ragulsky, Student Media Advisor

News editor: Lauri Rees Assignment editor: August Baunach Photo editor: Joe Miller Copy editor: Lisa Corrigan Sports editor: Rod Porsche Frontiers editor: Eric Larsen Wire editor: Andy Campanella Editorial Page editor: Bill Bradford After Hours editor: Tim Clemensen Night editors: Douglas Crist, Janet Oval

Reporters: Montrece Bogle, Ken Kim-Sze Cheung, Scott Huber, Michele Johnson, Michael Kelley, David Kurle, Kim Quick, Koshtra Tolle, Lisa Van Cleef, Ladd Whitcomb, Joe Zauner

Photographers: Robert A. Craw, Margaret Dunne, James Hutchens, Eric Miller, Kelly Shook, Jay Wellingto

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Assistant Copy editor: Douglas Crist, Annie Brown Cartoonists: Aerry Kwon, Joe Sherlock Typist: Lynn Burgess

1989-90 ASO ASOSU App

Supp

To the Edite It is with Todd Mick President. As a men seen the pe have found and effectiv As the M overseeing chairing the of the Union tion of Colle that focuses

The Daily Barometer

Giorgio for CLA Senator

To the Editor:

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I have been acquainted with Michael Giorgio since the fall of 1989. In my association with him, I have witnessed his extreme dedication to causes he believes in and his strong leadership and motivational abilities.

He has become an active member in the OSU Graphic Design Club, and has initiated many new ideas for programming and projects for the club

His background includes two degrees from community college and five years work experience at a civil engineering firm, where he was responsible for many managerial duties.

In talking with Michael, I have learned that he is interested in creating a sense of unity between the separate colleges at this university to ease registration difficulties. Creating a better communication link between the administration and the students at OSU is another goal Michael strongly believes in, as well as bringing the senate together to better represent the will of the students.

Michael believes that the students are the main element of a university, and the opinions of the students are what will bring about beneficial changes at Oregon State University.

Michael Giorgio, as Liberal Arts Senator, would be the one to voice the opinions of Liberal Arts students

Susan Bosley Past Buxton Hall President

Vote for Mike Heinke

To the Editor:

I'm writing this letter to endorse Mike Heinke for ASOSU Vice President. I have known Mike for over 3 years and he is one of the most organized, efficient, fair, and motivated individuals I have ever met. Mike is an excellent student, and he has an incredible ability to focus on the task at hand - and to finish it. Mike has been a very involved member of our living group, has a great sense of humor, and has displayed extraordinary natural leadership skills. He is well liked and is well suited to serve as ASOSU Vice President.

Bill Smith Junior in CEM

Tom Bie for Pres.

To the Editor:

I would like to endorse Tom Bie for ASOSU president. I have worked with Tom this entire year both on ASOSU exec. and in the senate and I feel he is definitely the most qualified candidate for the job. Tom is very motivated, very organized, and knows the bureaucracy of OSU better than anyone I know. He knows where to go for answers on this campus and has an exceptional ability to see through the bureaucracy of student government and the OSU administration to help individuals solve their problem. He has shown strong leadership both as a senator and as a committee chairperson and he would be able to motivate people well as ASOSU president. Tom has the ability to see the humor in situations and make people laugh - often -while still taking his job and his responsibilities very seriously. He is a very good public speaker and would do an excellent job of lobbying for student concerns next year in Salem. Torn is sincerely concerned about Oregon State University and its students and he is my choice for ASOSU president.

LETTERS

Tuesday April 17, 1990 - 11

Todd Mickey serves as the resident Hall Association President, and is a member of the Memorial Union Program Council. Under his leadership, Todd supervises the RHA office, and helps set policy for the Residence Hall Association. Todd also serves as the liaison between the Department of Housing and the RHA President's Council.

Combining the efforts of these two young men will add diversity, unity, and experienced leadership to ASOSU. Both Curt and Todd display exceptional commitment to serving the students of Oregon State University. I urge you to join me in supporting Curt Carroll and Todd Mickey for ASOSU President and Vice-President.

Cindy Dunn Senior in Finance Blue Key President

Grunwald for Vice Pres.

To the Editor:

Vice President of Senate takes an individual who is highly motivated and strong on leadership skills. It takes a person who will get the job done to the best of their ability, and at the same time accomplish the goals necessary to efficiently run the ASOSU Senate. This person for the next academic school year is present ASOSU Engineering Senator, Jeff Grunwald

Over Jeff's years at Oregon State University he has been highly involved with various campus activities. Within ASOSU he has served in several instrumental roles. Throughout the year Jeff has served as one of the engineering school's representatives to the ASOSU Senate, as a member of the ASOSU Student Affairs Task Force, and as a member of ASOSU's Student Academics & Activities Committee, all of which take a considerable amount of time and energy

It is this experience within the organization that makes him the best candidate for ASOSU Vice President of Senate. His knowledge of the system and its problems will allow him to run the group most efficiently. As Vice President, Jeff seeks to increase communication between students and faculty, and more importantly you, the students, and ASOSU! For a leader who is knowledgeable about the present system and its inadequacies, and one who will represent student concerns, VOTE FOR JEFF GRUNWALD FOR VICE PRESIDENT OF SENATE!

ASOSU Vice President for Comm., 1989-90

Elect Janelle Factora To the Editor:

I hereby endorse Janelle Factora for the position of 1990-91 ASOSU Executive Director of Committees. Over the past year, I have had the opportunity to serve on ASOSU Senate with Janelle. From Panhellenic Senator to a member of the Multicultural Food Event Planning Committee, Janelle has been an extremely valuable contributor to our student senate. She has been instrumental in the start up and planning of many ASOSU projects, and has extensive experience in various spectrums of



ASOSU: senate, committees, and task forces. She is highly qualified for a position on the ASOSU Executive Committee. She works well with people of diverse backgrounds and has strong communicative, organizational, and leadership skills. She is continually striving to contribute to the betterment of our university life and educational system. Janelle Factor is the right choice for ASOSU Executive Director of Committees

Whitney Knickrehm

ASOSU Executive Director of Task Forces

Album found obscene

United Press International

DELAND, Fla. - A Volusia County grand jury found obscene Monday the album "As Nasty as They Wanna Be" by the Miami rap group 2 Live Crew, becoming the fifth county to effectively ban the sexually explicit record.

State Attorney John Tanner, who sought the ruling, said jurors also found obscene a second 2 Live Crew album identified as "Luke Skywalker." However, the band has no album by that name and it was not clear which album was banned

Jurors also ruled obscene the rap albums "The Iceberg," by Ice-T, and "Eazy-Duz-It," by Eazy-E, Tanner said. Videos found obscene included "Nymphette Does Hollywood," "Amateur Hours," "White Heat" and "Deep Throat," which starred Linda Lovelace.

"As far as I'm aware of, this is the first time a grand jury in Florida has identified some of these recordings specifically as being ... obscene," Tanner said.

Representatives for 2 Live Crew and the American Civil Liberties Union could not be reached for comment.

The decision would make it a felony to distribute the recordings to minors and a misdemeanor to sell or rent the material to adults, Tanner said.

Anyone convicted of the felony charge would face a maximum penalty of five years in prison and a \$5,000 fine, Tanner said. The misdemeanor charge is punishable by up to one year in prison and a \$1,000 fine.

Volusia County was the fifth Florida county to find the album "As Nasty as They Wanna Be" obscene. The others are Sarasota, Manatee, DeSeto and Putnam. Tanner pursued the April 4 obscenity ruling in Putnam.

The state attorney has other obscenity motions targeting the Miami band pending in Flagler and St. Johns counties. An obscenity ruling also is pending in Broward County.

In Pennsylvania, a Montgomery County district attorney warned record stores April 9 not to sell the album to minors

"I would much rather see merchants police their own materials than resort to legal means," Tanner said. "Then there's no danger of prosecution.

Global Drug Addiction Forum

Discuss the Drug War Government Policy and Legalization with:

Federal Lawyer for U.S. Department of Justice

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Eric C. Sorem

1989-90 ASOSU Executive Senator member **ASOSU Appropriations and Budgets Committee**

Kristi Hartfeil

Support Carroll & Mickey

To the Editor:

It is with great enthusiasm that I endorse Curt Carroll and Todd Mickey for the positions of ASOSU President and Vice President.

As a member of the Memorial Union Program Council, I have seen the performance and actions of both Curt and Todd, and have found their leadership to be not only strong, but efficient and effective as well.

As the Memorial Union President, Curt is responsible for overseeing and motivating the council and its members, cochairing the MU Board of Directors, and assisting the Director of the Union. Curt also serves as the President for the Association of College Unions International from Region #14, a group that focuses its efforts on issues in college unions.

GETTING YOU DOWN?

Why not have some FUN while doing your laundry?



Thomas Coffin

Federal Bureau of Investigations Agent Lynn Enyard

OSU Professor of Political Science Glen Caudill Dealy Ph.D.

U.S. State Department Special Drug Consultant John Gills Ph.D.

OSU Professor of History David LaFrance Ph.D

Come to the MEMORIAL UNION MAIN LOUNGE on THURSDAY, APRIL 19 at 7:30 p.m.

Reception immediatly preceding and seating limited-come early. Presented by the National and International Task Forces of ASOSU.

NEWSWIRE

The Daily Barometer

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Tektronix restates its reported sales figures

United Press International

BEAVERTON - Tektronix Inc. Monday announced that it miscalculated its reported sales in three product classes for the first three quarters of the current fiscal year, which began May 28, 1989 and ended March 23, 1990.

The restatement changed the report on Visual Systems sales, lowering the reported increase from 10 to 8 percent and moved Communications sales from an increase of 3 percent to a decrease of 3 percent.

A call to cut military spending

Scores rally for 'peace dividend' spending

By LUKE HILL

United Press International

SEATTLE - Scores of people rallied in front of the federal building in downtown Seattle on "tax day" Monday to protest that 52 cents of every tax dollar paid by Americans go to military spending.

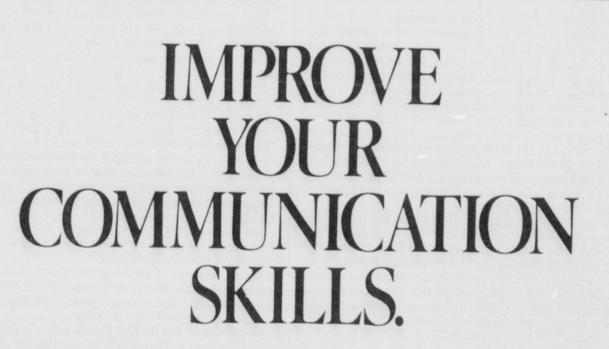
Organized by Washignton State Sane/Freeze, the rally focused on the outbreak of peace in Europe and the need for the

United States to cut military spending Maureen Kostyack, chairwoman of the Sane/Freeze Eco-

nomic Conversion Committee, said Americans should ask whether they want their taxes going for a rail-based MX missile system or light-rail for mass transit. 'The world has changed, the Berlin Wall has come down,"

said Kostyack. "We have an opportunity to reverse that direction and build down the arms race.

King County Councilwoman Cynthia Sullivan, who is running



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spending would cause high unemployment, Shield said, "Our workforce cannot only survive big military cuts, but would eventualy benefit from them ... and eventually more jobs will be created."

Council of Greater Seattle, renewed his pledge - along with Archbishop Raymond G. Hunthausen - to refuse to pay all of his federal income taxes to protest the high level of military spending.

said. "We do not need it, the world does not need it."

Councilwoman Jane Noland.

outside, it comes from within," Noland said, "from poverty, from illness, from lack of education, lack of housing and from drugs.

for Congress in the First District, said the rally was timely in

light of the day's significance as the tax deadline. 'It's a very good time to stop and reflect about the moral dilemma of the past decade ... in which people think that some can go without homes, quality in education and health care," said Sullivan.

"That's not right, it must stop now. We must stop the greed and spiritual bankruptcy.'

Sane/Freeze signs claimed that money for one Stealth fighter could be spent on pre-natal care for 400,000 women, while the funds for one Stealth bomber could supply more than 10,000 houses for low-income families.

They also claimed the money for one Trident missile could pay for the clean up of Tacoma's highly polluted Commencement Bay and money for one attack submarine could pay for 250,000 college grants.

'Bush wants to build heat-seeking missiles but we have heatseeking families," said Kostyack. "We want to build shelters."

Margaret Shield, chairwoman of Sane/Freeze's legislative watchdog task force, pointed out that Washington's share of a 10 percent cut in the U.S. contribution to NATO could double the funds available for cleaning up Hanford, state supported child care, anti-drug programs, mental health, and the Women Infants and Children Program.

Countering critics who contend a massive cut in defense

The Rev. Dr. William Cate, president-director of the Church

'We are war tax resisters and we urge you to join us," Cate

Also joining the call for "peace dividend" was Seattle City

"The threat to this country is real, but it doesn't come from

"A whole generation is growing up with no vested interest in the future of this country."

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The company also said its year-to-date sales in Test and Measurement, the company's largest product class, declined by 6 percent when an earlier report showed it going down 8 percent.

The largest impact of the restatement in any one quarter was for the Visual Systems Group for the third guarter, which ended on March 3, 1990. That unit's growth in sales was formerly estimated to be 23 percent. Tektronix said today it grew only 10 percent for the quarter.

Company officials said the first report was flawed because the sales breakdown was done on a basis that was not comparable with the results of the prior year.

The restated results also showed changes in the originally reported allocation of revenue from supplies and services for each of the three product classes.

In several cases the initial calculations of Communications sales estimated gains for the quarter, when sales actually fell several percentage points.

The company builds electronic testing equipment and employs more than 15,000 people.