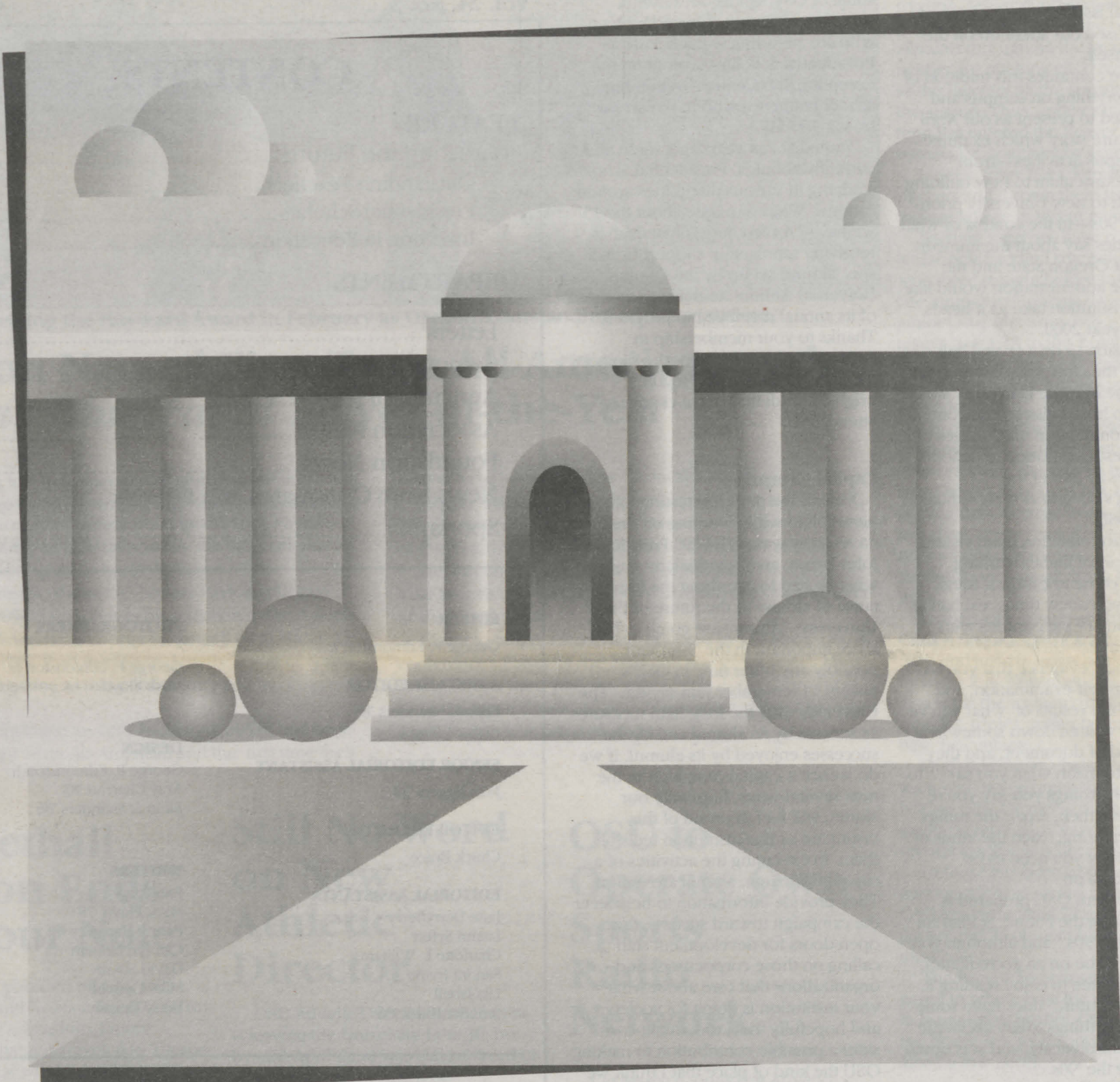


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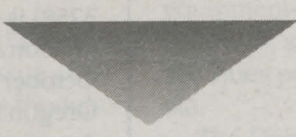
Vol. 24, No. 2
April 1990

Oregon State University
Corvallis

THE OREGON Stater



OSUⁱⁿ the 90's



Story on page 9

A word about this issue

This issue of the *Stater* is being distributed to the entire alumni family of Oregon State. If you're a part of the OSU Alumni Association membership plan, you're receiving the April *Stater* as a part of what you receive for your membership dollars. Non-members are receiving this issue courtesy OSU President John Byrne and a special fund set aside to mail two issues of the *Stater* each year to everyone—the April and October issues.

Last April's issue was the first *Stater* distributed under this new plan and many of you will recall that we produced a very handsome *Stater* that was very "inward" looking in its content; that is, we departed from our usual practice of featuring national and international issues on the cover and instead focused our attention on the University itself.

This issue continues this tradition of keeping everything on campus and we're pleased to present as our April cover a feature story which examines current campus activities—from changes in curriculum to new building construction to new University priorities for the '90s—in the context of what these activities say about the immediate future of Oregon State and the direction the administration would like to see the institution take as it heads toward the year 2000.

The decision to do a crystal ball story about the University came about earlier this year as the University was preparing to host a visit by the committee of the Commission on Colleges of the Northwest Association of Schools and Colleges as part of the commission's decennial reaccreditation review of OSU.

Now an accreditation team visiting any institution of higher learning doesn't just come to campus, break bread with you a few times, exchange all the customary pleasantries with you, then leave.

They expect evidence that you have spent time in self-examination, and they expect the results of what you've found to be written down somewhere, in some kind of document, and they expect you to mean what you say ... to strengthen the things you say you're going to strengthen, repair the things that need repairing, teach the kinds of courses you say you need to be teaching and so on.

The document OSU prepared is called "Creating the Future: A Plan for Beginning the '90s," and although you would have to be on an accreditation review committee to enjoy reading it, "Creating the Future" does have some rather exciting things to say about the future of this University, and sets down priorities for the '90s.

In doing so, the document, at least to my way of thinking, sets down certain directions for OSU for the next 10 years and this is what the cover story is about this time. Written using an interview format, the story was compiled from candid discussions with John Byrne and each of the University's five vice-presidents, the men and women here on campus who ultimately have the last word on the new directions this University is now taking and where these directions may lead us.

One of the priorities for this decade I know will please most of you is that OSU has promised to rededicate itself to quality teaching by strengthening programs and rewards that promote and recognize good teaching at both the undergraduate and graduate levels.

This is not to say that quality teaching does not now exist at OSU. To the contrary. In February, *The Oregon Stater* sent letters to campus deans asking for the names of their best teachers. The plan we had was to take their recommendations, choose a dozen or so, then profile those indi-

viduals in this issue of the *Stater*. We were swamped with names, most of whom have won campus, regional or national teaching awards. Many of the names were those of our younger faculty members and most of those recommended were also well-known researchers in their respective fields of interest.

We immediately abandoned our idea of choosing just a dozen or so to profile and instead opted for a series of profiles to appear over the next five or six issues of the tabloid. You will find the first in this series beginning on page 12.

"Alumni" Presidential Scholars

Also in this issue are profiles of some of OSU's most outstanding students, 15 young men and women who are attending Oregon State as Presidential Scholars, a program for exceptionally talented Oregon high school graduates who have earned at least a 3.75 GPA.

Started seven years ago, there are currently about 50 Presidential Scholars studying in various disciplines around campus. What is unique about the 15 we have profiled here is that each is receiving scholarship support from a special fund set up by the Oregon State University Alumni Association as a part of its annual membership program. Thanks to your membership in OSUAA, Oregon State has the financial support to insure that Oregon's brightest students have a chance to attend OSU.

Capital Campaign

One of the most interesting interviews I had while working on the cover story was with OSU President John Byrne, and I particularly enjoyed what he had to say about the importance of alumni to the future of this University. "Alumni are going to be more important in the '90s than possibly any other time in OSU's history," I remember him saying. "The University over the long haul measures its success by its alumni and by the successes enjoyed by its alumni. If we do launch a capital campaign in the next several years, hopefully our alumni will feel as proud of this institution as this institution feels of them. In executing the activities of a capital campaign, alumni are critical. They provide information to help steer the campaign toward success, they open doors for development staff calling on those corporations and organizations that care about what your institution is doing for society, and hopefully they, too, might consider a possible contribution to making OSU the kind of place that I think we all want it to be."

George P. Edmonston Jr.

THE OREGON Stater

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EDITOR

George P. Edmonston Jr.

ASSISTANT EDITOR

Ellen L. Saunders '86

SENIOR EDITORIAL ASSISTANT

Jean Eggers '52

EDITOR EMERITUS

Chuck Boice

EDITORIAL ASSISTANTS

Jane Derryberry
Luann Syfert
Charlotte L. Williams
Sandra Irvine
Lila Isbell
Jennifer Kirby '86

PHOTOGRAPHERS

George P. Edmonston Jr.
Mark Floyd

DESIGN

George P. Edmonston Jr.
Amy Charron '83
Ellen L. Saunders '86

WRITERS

Joe Cone
Mark Floyd '78
Penny Hardesty '71
Carolyn Homan
David Stauth
Mike Corwin
Betsy Krause

ALUMNI ASSOCIATION OFFICERS

PRESIDENT

Richard Seideman '61

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Larry Giustina '71

SECOND VICE PRESIDENT

Peggy Wood '61

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Joyce Signer '47

DIRECTOR

Donald S. Wirth '61

ASSOCIATE DIRECTOR

Kevin McCann '77

ASSISTANT DIRECTORS

Lila Isbell, Jennifer Kirby '86

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On the cover:
Illustration by Amy Charron

The *Stater* will publish letters as long as there are letters to publish. All correspondence must be signed and must include a current address and telephone number. The editor reserves the right to condense a letter or return it to the author for editing. Letters should not exceed 150 words, but longer letters may be published at the editor's option. Send all correspondence to Letters to the Editor, *The Oregon Stater*, AdS 416, Corvallis OR 97331.

Gives the Chills

That weird cover on the December '89 issue. Somehow I get a chill every time I think about it. Is that what you intended?

Am thankful that the content was better than the cover. Count me among the long-time Beavers trusting that both the cover and content will improve in the '90s.

Marion Thomas '37
Corvallis, Ore.

Memory Thanks

Just got *The Oregon Stater* and was flattered by the space allocated to the Batchellers. You did a good job in editing it. Thank you.

I have pasted it up on a smaller page and am sending it to the family.

O.A. Jolly Batcheller
Claremont, Calif.

Faculty News

Victor J. Tremblay has been named department of economics chairman. Previously, Tremblay was the chairman of Kansas State University's economics department. He will be replacing **Ze'ev Orzech** who has been the acting chairman for the department.

Barbara S. Balz has been chosen as the University's new registrar, replacing **Wallace E. "Bud" Gibbs** who is retiring June 30. Balz is currently the registrar at the University of Texas-El Paso and will assume her new position on June 15.

D. Kay Conrad has been named the new director of admissions, effective July 1. She will replace **Wallace E. "Bud" Gibbs**. She has been associate director of admissions for the past five years.

Jane Lubchenco, professor and chairwoman of the department of zoology, and **Robert Lloyd Smith**, professor of oceanography, have been elected fellows of the American Association for the Advancement of Science, the nation's leading general scientific organization. Lubchenco studies tropical and temperate ecology of marine intertidal communities, while Smith conducts research on coastal currents, upwellings and descriptive physical oceanography.

Associate Professor of Mechanical Engineering **David Ullman** has received the Austin-Paul Faculty Engineering Award. This award is given by the College of Engineering to outstanding faculty members who encourage and stimulate students to pursue innovative engineering ideas. Ullman has over 15 years of experience in design education and is currently involved in research on the mechanical design process.

James R. Larison, director of communications for Oregon Sea Grant and a professor in the department of fisheries and wildlife, won a silver award in the Sixteenth International

Film Competition in Berlin, Germany. Larison and his wife, Elaine, produced the 28-minute educational film "The Rockies" for the National Geographic Society. The competition was sponsored by the city of Berlin and the Department of Agriculture of West Germany.

College of Education Dean **Robert D. Barr** has been appointed to the State Minority Teacher Task Force by Gov. Neil Goldschmidt. Barr will serve as vice chairman of the group, which will explore ways to boost recruitment and retention of minority teachers in Oregon public schools. The panel will also examine the impact of required standardized testing of potential teachers, and study test discrimination.

Former chairman of fish and wildlife **Thomas G. Scott**, who also served as co-director of the Hatfield Marine Science Center, has been elected into the Iowa Hall of Fame for his dedication to conservation efforts.

News Briefs

University President John V. Byrne has set up office hours spring term to encourage students to share their ideas and comments. Byrne placed a full-page ad in *The Daily Barometer* announcing the hours and inviting students to schedule 15-minute, individual appointments.

Fiberlite Composites Inc., a rehabilitation, medical and recreation products company that will unveil its first wheelchair in November, obtained a \$30,000 federal grant with the University's help. Mechanical engineering students and staff helped the Eugene company develop materials for a lighter, more durable wheelchair.

The Upward Bound program, which helps minority and low-income students prepare for college, is 25 years old.

The program helps 13 to 19-year old students gain personal and academic confidence through counseling, classes and career presentations.

The levels of acid and other pollutants are higher in fog than in acid rain, according to Patricia Muir, assistant professor in the department of general science. Her research on Willamette Valley fog points to potential problems in western Oregon and Washington where widespread fog is common.

Thailand is emerging as an economic leader of Southeast Asia and its growing economy is creating a market for Oregon agricultural exporters.

Over 200 University graduates live in Bangkok, and OSU recently helped Thailand build a land grant-type university. Because of these ties with Thailand, Oregonian exporters have an advantage in the growing Thai market. Potential exports include potatoes, wheat, processed fruits and vegetables and possibly beef.

University and Department of Energy officials agreed last month to joint research, shared facilities, faculty and scientist exchanges, application of supercomputing technology and at least one annual \$15,000 research fellowship. OSU received about \$3.5 million in unrelated DOE research support this year.

Bonneville Power Administration and University officials dedicated a \$1.5 million fish disease research lab east of Corvallis in early April. The 9,300-square-foot facility, built with BPA grant and University contributions, will focus on salmon fry diseases that cause millions of dollars in losses annually.

Stevens: A Legacy of Support

*"Founded on massive piles,
driven deep into the campus,
rises this practical monument to
the heroic dead."*

Irven Ellsworth Stevenson

On a typical day, the stolid Memorial Union buzzes with students eating and chatting about their studies. They add life to the silent symmetry erected to honor those students and alumni who died serving in war.

The heavily-used monument has had only two directors since it was first opened for Homecoming in 1928: Major Edward C. Allworth, a World War I hero who was awarded the Congressional Medal of Honor, and George F. Stevens, a veteran who left frigid Iowa in March 1963 to take responsibility for the Memorial Union and a student activities program that has become one of the most highly regarded throughout the country.

A third director will be named soon. Stevens is retiring June 2.

Stevens projects the stability and viability of deeply rooted values. He is a quiet force in his softly lit, paneled office. Through silver eyeglass rims, his grey-blue eyes pay unflinching attention to those who enter.

Born in Moose Jaw, Saskatchewan, in 1926, Stevens moved with his parents to Manchester, Iowa at age 10. He participated in most of his high school's activities, was editor of his school yearbook and president of his senior class. A tall athlete, Stevens might have been a college football star, but World War II intervened. He enlisted in the U.S. Navy in 1946 instead of accepting a University of Iowa scholarship offer. He attended that university upon discharge, thinking he might become a dentist. But his student work with the Iowa Memorial Union food service did more than help pay his expenses. It chartered the way to his life work with student unions.

Stevens became an assistant food service manager with the Iowa Memorial Union after graduation and was quickly promoted to Associate Director, a position he held until he moved to Oregon.

Stevens now holds the title of assistant vice president for student affairs and director of the University Memorial Union. Under his direction Union management, educational activities, student government, physical recreation, student publications and other diverse departments were consolidated to create a "highly integrated and efficient organization," according to the last University Accreditation Report.

That 1980 report found "the enrichment of the student's educational experience by the variety of activities available [250 student organizations] most impressive." And it notes "the staff respects students, and the students have responded, by and large, by taking their responsibilities seriously." The report also finds the involvement of faculty in all activities and programs

"particularly impressive."

Stevens characteristically tosses the credit to others. He takes pride in a "heritage of involvement by students who have the responsibility of carrying out their own program objectives." He believes "students should control their own destiny within a framework of equity for all." He cites studies showing that students who are involved in activities on campus tend to be involved in their communities and alumni groups.

Stevens is a fine example. He has served as president of United Way of Benton County, the Chamber of Commerce, the Benton County Foundation, the Corvallis Ambassadors, the Corvallis Rotary Club and the Tillicum Dance Club. He has received numerous awards for his community service. On April 4, the Association of College Unions—International honored him for his outstanding work as a union volunteer and professional. He served as president of that organization in 1966-67 and now chairs several committees.

In addition to making contributions to the community, Stevens administers the Allworth fund, which provides support to student activities, emphasizing leadership and ethics. The fund was created at Major Allworth's retirement with \$1400. It now exceeds \$100,000—growth Stevens is quite proud of, and helped bring about with his own significant contributions. A drive to add \$50,000 to the fund before Stevens retires June 2 is being handled by the OSU Foundation.

Stevens approaches retirement with mixed feelings. He will miss his work, but will have the opportunity to put his family first. He and his wife, Delores, enjoy landscaping their acre and a half in Corvallis, and they might take up golf again.

Four candidates for Stevens' position were interviewed on campus in early April and a decision on his replacement is expected soon.

Perhaps Stevens' most valuable gift to the Memorial Union and the diverse student programs the building has come to represent is his "genuine ability to keep morale at a high level," said Don Johnson, assistant director of student activities. "Stevens so sincerely makes everyone feel wanted and valued," said Johnson, who still calls himself a "newcomer" to Stevens' staff after 14 years. Stevens' Administrative Assistant, Eleanor Ewalt, has worked with Stevens since he arrived in Corvallis 27 years ago.

Stevens built his career around what *Fortune* magazine recently included in its criteria for America's most admired corporations—the "ability to develop and keep talented people." This man who loves to play the ultimate supporting role will leave a monument buzzing with service and inspiration.

Carmen Brummet



George Stevens will have time for golf this summer. The second-ever MU director will retire June 2.

Researchers Create Microbial Database

In some circles, Moore and Hanus are as well known as Sears and Roebuck.

Tiny circles.

Larry Moore, a plant pathologist, and Joe Hanus, a senior research assistant, have created what might be called "The Catalog" for plant-related microbial research. The international database will keep track of tiny resources: bacteria, fungi, nematodes, viruses and pieces of DNA used in genetic engineering.

"It's hard to predict which organism or genes will be valuable in the future. You never know that might come in handy," said Hanus. "It becomes important to have a knowledge of these microorganisms and in which collections they can be found."

The Microbial Germplasm Database will enable scientists to systematically exchange information about such microorganisms, which are useful in agriculture, fermentation, industrial processes, medicine and the environment. Such microbes are currently being used to clean up damage from oil spills and pesticide contamination of groundwater, Moore said.

These tiny organisms are quite specialized. Some no longer exist outside of scientific collections, making them next to impossible to locate without some help.

The database will also be used to try to find homes for valuable collections when the scientists who maintain them retire. Moore and Hanus received start-up dollars from the Department of Agriculture's Cooperative State Research Service. They expect to have the computer-accessible database on line in four or five months.

Japanese Students Study American Culture

Sophomores from Asia University in Tokyo were welcomed to campus in mid-March. The 72 students are taking part in the second year of a program that provides Japanese scholars with an intensive five-month learning experience focusing on English and U.S. culture.

The students study under a special curriculum and earn credit through Asia University, which pays for the program entirely, said Karl Drobic, director of the Asia University program. Their coursework will include a special survey course of American History and a summer term class on American perspectives on environmental issues.

The students live in residence and cooperative living halls with American roommates where possible. University students have been hired as international living group advisers to help the Japanese students adjust to campus life.

Waldo Gets a Lift

Construction of an elevator for Waldo Hall is in progress. Officials authorized the project after a student group threatened legal action over inaccessible program offices, including the Special Services Project on the third floor. The Disabled Student's Organization has agreed to delay filing complaints with the Civil Rights Division of the U.S. Department of Education while administrators work to solve the problems, which include lack of access to a tutoring service in Batchellor Hall. Waldo's elevator is expected to take 10 to 12 months to install and cost between \$160,000 and \$200,000.

Pauling Papers Serve Researchers Worldwide

An important measure of a scientist's success is his research, books and awards. By this standard, Linus Pauling, '22, is one of the most successful scientists of the 20th century. Pauling is the only person to win two unshared Nobel medals, the 1954 Nobel medal for chemistry, received for his work on the chemical bond, and the 1963 Nobel Peace medal, for his efforts in nuclear disarmament.

Those medals, along with personal and scientific papers, notebooks, correspondence and research models—as well as the peace and nuclear nonproliferation work of the late Ava Helen Pauling—are now part of the Ava Helen and Linus Pauling papers at Kerr Library.

The papers are comprised of 125,000 items dating from 1916 to the present. Among items donated by Linus Pauling are the original manuscripts of his books *General Chemistry* and *The Architecture of Molecules*, the original research notebooks used to record his scientific theories, and the research books and notebooks from his work on *The Nature of the Chemical Bond*, which some consider the most influential scientific book of the 20th century.

The native Oregonian's work with hemoglobin, antibodies, artificial blood serum, alpha helix protein structure, sickle-cell anemia and vitamin treatment in disease is also represented.

"The papers reflect the variety and breadth of Pauling's scholarly interests and his profound influence on the development of 20th-century

chemistry and biology," said Clifford Mead, head of special collections.

Pauling's life work encompassed more than science, however, and the collection reflects this. Linus and Ava Helen Pauling were active in the peace and nuclear disarmament movement. The most notable piece of the collection illustrating their involvement is the original petition for nuclear disarmament presented to the United Nations. The petition contains more than 13,000 signatures of prominent scientists and Nobel laureates from around the world, including Albert Schweitzer, Bertrand Russell and Albert Einstein, Mead said.

The University had been regularly contacting Pauling over the past 20 years in hopes that he would donate his work to the special collections of Kerr Library, according to Mead. Pauling's work had been highly sought after by such institutions as the California Institute of Technology, Smithsonian Institute, American Philosophical Society and the Library of Congress.

Originally, Pauling was only going to donate his peace papers. But in December 1986 he decided to give the University all of his work because he felt his alma mater would have a greater interest in his and his wife's life work and would take better care of the collection. He also felt that OSU would get more use from the whole collection, Mead said.

Kerr Library's special collections room was not officially opened until April of last year, but it has received a steady flow of photocopy requests from researchers worldwide since the first of the Paulings' papers arrived

in 1986. Mead said the requests are steadily increasing each week.

The University has received half of the collection so far and expects to receive the rest within the year, according to Janet Wallace, library technical assistant.

Mead is developing the special collections department into a specialized history of sciences and technology of the 20th century. He said the Pauling papers would serve as a cornerstone for this collection and would also help attract other scientific donations. The department plans to add to the Pauling collection by purchasing related pieces through auctions, antiquarian dealers and in-print and out-of-print book markets. Mead referred to the Pauling archive as "one of the half-dozen most important scientific archives of the century, one whose acquisition will benefit scholars and researchers from all over the world."

By this fall, Mead plans to publish a catalog of the Pauling holdings to be sent to other centers specializing in 20th-century science history and other organizations that might be interested in the collection.

The collection is open to those with specific scientific interests. A limited amount of material can be checked out for viewing at a time, and nothing is allowed to leave the special collections center. Mead said it is best to schedule an appointment to view the material.

Requests for photocopies can be directed to Clifford Mead in special collections.

Jennifer Much

Students Learn Pros, Cons of Family Business

When Johnny Huff signed up for the Family Business Management class winter term at OSU, he planned to pick up a few pointers and then join his in-laws' real estate firm in Vancouver, Wash.

By the end of the term, however, Huff had made a slight adjustment in his long-range plans. Now he wants to start his own business.

"The class really gave me a lot of insight into family businesses," Huff said. "To me, the most eye-opening aspect was the role of in-laws. They just don't have the same birth rights. You could work for 10 years in a family business, then if one of the children decides he wants into the business, you could be out of luck."

Huff, a senior majoring in business, still plans to join his in-laws after graduation temporarily, but he hopes to eventually branch off on his own.

The role of in-laws is just one lesson students learned in the Family Business Management class. The class is a natural offshoot of OSU's Family Business Program, which is gaining regional and national recognition. The program recently was featured in *Nation's Business* magazine.

Patricia Frishkoff, director of the program, also teaches the class. She doesn't try to steer the students away from family businesses. In fact, many of her students are sons or daughters of family business owners. But she does try to point out the pitfalls and opportunities that are a daily part of owning, managing or working for a family business.

"The students come into the class with more of a vested interest than any other class I've ever taught," she said. "Most of them can take what they learn and go directly home and apply it to their own situation."

The student mix in the class has led to some interesting discussions,

Frishkoff said. Some of the students are directly involved in their parents' family business, others are non-family employees, and some plan to start their own business. They range from undergraduates to doctoral candidates.

Frishkoff doesn't teach out of a textbook because "there aren't any," she said. Instead, the class focuses on real businesses. One field trip took the students to Norcrest China in Portland. Another led them to Landmark Design, an architectural engineering firm in Eugene, where owners Jim and Rick McAlexander opened their records and bared their souls to the class.

Both McAlexanders agreed working in a family business isn't always easy and that communication is a key. It was a lesson not lost on Pam Cyrus, a senior from Sisters, Ore., majoring in agricultural sciences.

"There really needs to be an emphasis on communication," Cyrus said. "A lot of it is common sense—you need family meetings, mission statements and goals to see where you stand now and in the future."

Cyrus, whose family has a farm and a small construction company in central Oregon, enrolled in the class on the advice of her brother, who had taken it a year earlier.

"I had hoped the class would help me evaluate things and it did," she said. "One of the most important things I learned was that there needs to be a separation between the family and the business. You need to separate the family matters from business matters whenever possible."

Frishkoff focused the class on different issues her students might face in owning or working for a family business—from financial planning to succession of leadership. The latter, she said, is particularly difficult.

"If a family member is not doing well, odds are they won't be fired," she

said. Unproductive family employees can lead to difficult management decisions, tense relationships and difficult working conditions for non-family employees.

One lesson Rod Williams learned from the class was to get things down on paper. Williams, a junior from Bend majoring in marketing, said he plans to start a farm equipment repair and manufacturing firm in central Oregon. High on his list of objectives is to create a mission statement, a concept he had never considered before taking the class.

"A mission statement can really enhance a company, it can make or break you," Williams said. "It helps you clarify your goals and make a commitment."

The students learned their lessons the easy way—from studying the successes and failures of real businesses. About 76 percent of the companies in Oregon are family owned or operated, providing plenty of live case studies.

"You can't teach family business by just talking in front of the class," Frishkoff said. "You've got to always be doing something hands-on."

Mark Floyd

After 18 years of research, OSU Agricultural Experiment Station scientists have released their first hazelnut, the Willamette.

The nut is aimed at the high quality hazelnut kernel market. It is not resistant to the eastern filbert blight, but has good color, flavor and texture.

A late-season, quality processing strawberry has also been released to nurseries. Redcrest underwent 10 years of field testing before release. It has some resistance to fungi and viruses and freezes well.

A Happy Top Scholar and Fullback Who Lives for Today, Plans for Tomorrow: James Jones

James Jones comes in and says he has been "working out." The size of his upper arms makes it easy to think of him lifting weights. The solid breadth of his thighs form walls it would hurt to bump into. Jones plays fullback for Oregon State. He stands 6 feet, 2 inches; he carries about 240 pounds of disciplined power—and a 3.9 grade point average.

Before he entered OSU, Jones didn't expect the balance between study and football to be easy to maintain; however, he admits it's even more difficult than he anticipated.

"It's harder to study during football season than I ever thought. When we've got away games, there's no time to study from Friday 'til Sunday night...you have to run to catch the plane on time...it's late Sunday night when you get home, and you're not able to study—you get too tired. I study when I feel like I'm in a pretty decent mood for it; when I feel like I can get something accomplished and my mind is fresh. You gotta force yourself to study—create your own time."

Jones takes a 12-credit course load during the fall, and increases it to 16 credits during winter and spring. He does his required reading in small chunks because it's easier to absorb smaller amounts of material, and he must then recall what he read before.

Campus Spotlight

When he isn't training or studying, he likes to write. In high school in Tacoma, Wash., where Jones graduated in 1988, he enjoyed writing some short stories, but he says he doesn't have much time to do that now. He still writes poetry, however.

"I like to play with words. I like the rhythm...you know, even when you talk, there's a rhythm to what you say. When you write, you can say things you can't say when you're just talking to someone."

Several essays he penned recently helped him earn a nomination by OSU President John Byrne to a national internship program in Washington D.C.

Jones will be one of 50 minority students from across the United States to attend the 11-week summer program that teaches leadership skills and provides work in government agencies or legislative staffs in the nation's capitol. Jones is glad for the opportunity, not only for the experience the internship offers, but also because the 20-year-old has relatives in Washington D.C. that he has never met.

As a second-year student, he hasn't yet declared a major; however, he's pretty sure it will be English.

"I've been checking everything out for a year. With an English degree, you can go into law school, you can go into any kind of graduate school, you can even go into business..."

"I really like football, but it's not a major priority of my life. School is more important than football. I gotta look on down the road...even if I came to be a really great football player, and I made \$6 million, well, you're all done by the time you're 30 or so, and I wouldn't be happy sitting around. Or I could be on the street, get in a car crash, get injured. I could lose a knee and I'd never play football again. If I've been lollygaggin' in class, I'm in trouble. You can live for today, but you gotta plan for tomorrow."

Jones maintained a 4.0 grade point average through his first three terms at OSU. He received a great deal of attention for his achievement—including a



Fullback James Jones doesn't slow down with a football, or in the classroom. He makes time for poetry and business, too.

mention on television in February during a Beaver basketball game. While he appreciates all the praise, Jones says it carries with it a certain amount of pressure.

"The more you get praised for what you do, the more you have to keep doing it. So many people are proud of me...it makes the family look good; it makes the school look good, and you start expecting that of yourself. But I try not to worry about it. I tell myself I'm just an average guy—maybe I studied a little harder; maybe I got the right opportunities or I got asked the right questions on the exam. But maybe one day my luck is gonna run out. I've gotten B's and C's on tests...I try to roll with the punches and tell myself I'm no less of a person if I never get another 4.0."

"It's a good thing I've gotten this far and I'm a happy man."

Jones has been playing football ever since he can remember; his brother, Jesse, who's six years older, began teaching him how to tackle when they were young children. By the time Jones was in junior high, he was a strong player on the school team; when he was in ninth grade at Hunt Junior High in Tacoma, his team won every game it played.

While Jones played well in his junior year at Stadium High School, he had bad luck as a senior: an injured shoulder kept him out of the last several games. At the start of the year, he received recruitment letters from many large colleges and universities—football powers in the Pac-10. By the end of the football season, however, the letters almost stopped coming.

"I had a personal stock market crash. I could've gone to any of the Big Sky schools. But I wanted to go to a Pac-10 college, and I wanted to play offense; I wanted to be a running back. The other schools wanted me for a tight end."

"Jake Cabell recruited me for Eastern Washington. He had recruited my brother, Jesse, too...then he got hired here, so he carried me with him. The people here saw some good film. I had a couple good runs before I hurt my shoulder. I guess I had the right connections at the right time."

When people learn that Jones is a running back, they're often surprised because he weighs 240 pounds—more or less.

"People say, 'You're a fullback? You're a running back? No way! You're too heavy!' And I'm always thinking I should be lighter...but my coach says 'If you're fat when football starts, you'll lose it because I'll make you work hard.' I worry about it more than he does—I guess my coach wants me to throw my weight around a little bit. How much I weigh actually fluctuates quite a bit. It depends on what was for dinner."

In the 1989 football season, Jones played behind Pat Chaffey, a fine fullback who will graduate this spring and is now being recruited by professional teams. While Jones wasn't in the starting lineup, he played in every game. His record includes one touchdown and 23 carries. He gained a total of 66 yards on the carries, for an average gain of 2.7 yards per play. He also caught four passes, gaining 30 yards.

To relax, Jones listens to slow soul music and jazz, or he plays basketball.

"Not that I'm good or anything. I like to act like I'm Carl Malone. He's the 'Mailman.' I call myself the Garbage man. And you know, I like to party and have a good time like everybody else, but I don't drink too much. It's not good for your training, and it's not good for your mind."

Charlene Vecchi

Sweet Summer Sweat—Classes in Corvallis

Summer session is fast approaching. This year that means classes open to (almost) all and no out-of-state tuition or formal application required.

Register June 18; some classes start the following day. Courses range in length from a few days to 11 weeks.

Horner Museum and Summer Tours '90 are offering trips. Youth events include sports and cheerleading camps and 4-H Summer Week.

Open enrollment does have some limitations. Read the admissions section of the summer session bulletin or contact the Office of the Dean of Students for details.

Bulletins are free. Write the Summer Session Office, Snell 327, OSU, Corvallis, Ore., 97331-1633; or call 737-2676.

Happy Birthday!

Marine Science Center Celebrates Its 25th

The hub of national, state and University marine research will celebrate its 25th birthday this summer, and you're invited. Staff at the OSU Hatfield Marine Science Center are throwing the doors open wide for a weekend of speeches, food and scientific learning opportunities in June. The cake gets cut Independence Day.

The center, which now employs 250, was originally built with \$1 million in federal Area Redevelopment Administration money to encourage economic development in the depressed coastal area. More than seven million visitors have toured the aquarium since the doors opened in 1965.

Research has expanded to include neurophysiology, fish behavior, molluscan and salmonid aquaculture, benthic ecology, finfish and shellfish disease diagnosis and prevention, satellite monitoring of whales and marine mammals, hydrothermal vents and water quality. The center is also home port for the College of Oceanography's research vessel the *Wecoma*, currently working off Guam.

Hundreds of undergraduate and graduate alumni have studied there, and researchers from a plethora of national and state agencies work on site. Also located at the center are the Environmental Protection Agency and the Pacific Marine Environmental Laboratory of the National Oceanic and Atmospheric Administration.

Kicking off the celebration Friday, June 15, will be an all-day symposium entitled "Vox Maritima: The Voice of the Sea." The symposium will explore current research and education at the Center and project future directions in several areas. Speakers and topics are:

Russell Aiuto, National Science Foundation, division of teacher training: "The paradox of progress: Science-poor education in a science-rich country."

Ruth Grundy, University of Texas, Austin: "The 21st century library—A look at what's to come."

Stephen Hammond, Pacific Marine Environmental Laboratory: "Understanding the thermal and chemical oceanic effects of the world's largest volcanic system: NOAA's hydrothermal research program."

James Martin, Oregon Department of Fish and Wildlife: "Crystal ball musings."

Also speaking will be Courtney Riordan, Environmental Protection Agency; Bori Olla, National Marine Fisheries Service; and University President John V. Byrne.

Friday evening at 6:30 p.m. there will be a homecoming dinner for marine center alumni and former staff at the Embarcadero. Seating is limited for the \$25 dinner and reservations are required by June 8. Organizers ask those unable to come to send an informal update of your work.

Saturday and Sunday, June 16-17, the Center will host an open house from 10 a.m. to 4 p.m. in its research wings, areas not normally open to the public. There will be demonstrations and posters explaining the lab work. The new 21,000-square-foot library, which incorporates computer literature searching as well as 25,000 volumes, will also be open.

The summer's celebration will culminate on the afternoon of July 4 when Senator Mark Hatfield will speak at the official dedication of the library building and cut the giant birthday cake.

For more information and for dinner reservations, please contact Pam Rogers, Hatfield Marine Science Center, 2030 Marine Science Drive, Newport OR 97365 (867-0100).

Invisible Death Star May Have Destroyed Dinosaurs, Marine Life

Dinosaurs, marine life and many other species were driven to extinction by a hail of comets, massive volcanism and underwater "smoking vents" triggered by a still-undiscovered star.

That's what OSU researchers suggested when they unveiled a new origin of death theory March 12 at the NASA-sponsored 21st Lunar and Planetary Conference in Houston, Texas. The scientists believe it to be the most comprehensive theory yet developed to explain a wide range of periodic animal extinctions.

Unlike most other dinosaur extinction theories, this approach considers multiple chemical, geological and fossil evidence surrounding this ancient mystery, according to Roman Schmitt, a professor of chemistry, geology and oceanography at OSU.

"There are a number of theories under consideration today that may be true to a point, but are just one part of the story," Schmitt said. "Some groups ignore chemical data and any other evidence that doesn't fit their pet theory as if they had blinders on."

According to Schmitt, the OSU theory satisfies at least 24 "observations and constraints" that should be required of any valid theory of life extinctions.

"What many people forget is that dinosaur extinctions were just a minuscule part of the overall issue," Schmitt said. "Around the Cretaceous-Tertiary boundary, about 50 percent of the marine species in the oceans went extinct. And there is no way that volcanic activity on land could have had that kind of impact in the seas."

The new proposal supports the existence of a "companion star" that triggers extended comet showers on Earth, although it would be of a different type, size and orbit period than had previously been hypothesized—a small red or brown dwarf that travels nearest our solar system about every 32 million years.

The star would actually have traveled near the Earth as recently as two million years ago and is still quite close to our solar system but cannot be seen with conventional approaches because it emits only infrared radiation.

Under the OSU scenario, the dwarf star could cause comets to hurtle out of the "Oort Cloud" toward the Earth. The bombardment, spread over one to three million years, could cause massive fires; volcanic activity and basalt "floods" that would release huge amounts of carbon and sulfur dioxides; changes in ocean acidity; and the injection of huge amounts of toxic metals such as lead, mercury and arsenic into the ocean, from more active hydrothermal vents on the ocean floors.

Such underwater venting could help explain why sea life died off so much more readily than continent-bound freshwater life forms. All of these effects are consistent with known physical, chemical and geologic data in ancient marine sediments, Schmitt said.

Research on the many infrared images taken with the United States Infrared Astronomical Satellite might be able to find evidence of the nearby "death star" if scientists were looking for it, Schmitt said.

David Staath

'tis enuf to give Hollywood heartache

Old French Gives New View of Sir Lancelot

King Arthur's Knights of the Round Table donning battle gear just so they can hold their defeated foes for ransom?

Guenevere, the queen, harboring no romantic feelings toward the lovestruck Sir Lancelot? Lancelot, the mighty warrior, joining the enemy to fight against the Knights of the Round Table?

Surely, you joust. This soundeth not like Camelot.

Well, it's not. It's the Old French version of the King Arthur legend translated from 13th-century texts into English for the first time by a nine-person national team that includes Carleton Carroll of Oregon State University.

"What most people know of the (Arthurian) material is popular cultural knowledge," said Carroll, an associate professor of French. "They have seen it in films such as 'Excaliber' or 'Camelot' or 'Monty Python and the Holy Grail.'"

Lancelot doesn't exactly come across as a wimp in the Old French manuscripts. His feats of strength and courage on the battlefield were as fabled in the 13th century as in more contemporary versions.

But when it came to affairs of the heart, Lancelot more closely resembled a medieval Don Knotts than a dashing Don Juan.

"Lancelot comes across much differently—he's hesitant, timid, a very reluctant lover," Carroll said. "He admires the queen from a distance, but it's the opposite extreme from 'Camelot,' where he rides into the castle and it's 'Pow! Bam! love at first sight.'"

Alas, Lancelot is subject to a tremendous amount of servitude toward Queen Guenevere. Carroll said Lancelot is quite satisfied to let himself be inspired by thoughts of her, while the queen has no idea that he harbors any

special feelings. "It comes as a great surprise to Guenevere when she learns that she, not someone else, has been the inspiration for his valor and prowess in battle," Carroll said.

The queen finally bestows a kiss upon Lancelot, one thing leads to another and, well, you know the rest of the story.

King Arthur and Sir Lancelot are not exactly on the best of terms in the Old French versions, either.

"Lancelot's love is strictly for the queen," Carroll said. "He has no real allegiance to Arthur. He didn't swear an allegiance as did the Knights of the Round Table. In fact, at times, he joins Arthur's enemies in battle against the knights, just to give the Round Table a run for its money."

These latest revelations on the Arthurian legend are from a huge collection known as the Lancelot-Grail Cycle. The 13th-century writings represent some of the oldest surviving written references to King Arthur. The unknown author wrote more than 5,000 pages of prose romances that include the story of Merlin, the Lancelot-Guenevere-Arthur love triangle, the quest for the Holy Grail and the death of Arthur.

Was there really a King Arthur? No one knows, said Carroll, who added that even the oldest writings hint at a much earlier origin.

"One can assume that someone did exist who served as a model for Arthur, though by the time of the literary texts he would have been so far removed as to be mostly legendary," Carroll said.

"If an 'Arthur' or 'King Arthur' did exist, it likely would have been in the fifth or sixth century."

The oldest surviving written references to the Arthurian legend are 12th-century verses written in Old French, Carroll said. What happened between

the era of Arthur and those first writings is anybody's guess, he added.

"There is a lot of speculation as to what we have lost," Carroll said. "The writings contain a lot of references to other materials that we don't have. It is clear that the Old French manuscripts weren't the first."

Carroll said idealization of the Arthurian legend has been constant through time, from the Old French versions to "Camelot." The feudal system in place during the 12th and 13th centuries made patrons of the story of Arthur long for golden times of yore.

Perhaps the idealization can be attributed to an oral tradition of storytelling, Carroll said. The printing press had yet to be invented, and hand copying the 5,000 or so pages of Old French was a tedious process.

Idealization has continued in modern times, too. Writers and filmmakers tend to leave out that bit about holding conquered foes for ransom. Old French manuscripts depict vanquished knights leaving the scene of battle and waiting until the fighting was over so the victorious knights could easily round them up.

"It was a question of honor," Carroll said. "Such importance was placed on honor that there was never a thought of escape."

While that would never sell in Hollywood, it may have been realistic. Carroll said the importance of honor is so strong in the literary tradition that "it may very well have been based somewhat on real life."

Unfulfilled love, fighting for money and gratuitous gore. Ah, Camelot. . .

Mark Floyd

Small Steps to Save Energy, Cut Consumption

The Greenhouse Effect, the Ozone Hole, increasing smog, oil spills, contaminated drinking water and overflowing landfills have made more people realize something needs to be done to preserve the environment. But many feel overwhelmed, unsure what they can do or where to start, according to energy Extension agent David Brook.

With Earthday 1990 coming up April 22, Brook offers the following as simple "starters" that will save energy and cut back on carbon emissions into the atmosphere:

- Use hot water more efficiently: run only full loads of dishes and laundry and install a water-saver showerhead.

- Lower the thermostat by at least five degrees when you go to bed or leave home.

- Reduce the amount of packaging you throw away: buy food in bulk or the largest convenient size. Purchase goods and packages made of recycled materials or that can be recycled.

- Find at least one other use for an item before you throw it away.

- Recycle! Newspapers, aluminum, glass and now even some plastics can be recycled. If you don't know about recycling in your area, contact your local garbage company.

- Compost your food scraps, leaves, grass and other organic materials and use it as fertilizer.

- Use your auto efficiently. Combine errands, carpool and bicycle.

- Increase gas mileage by going easy on the accelerator and make your next car one with great gas mileage.

- Buy only energy-efficient appliances, especially water heaters, refrigerators and freezers—lower bills will cover the extra initial cost.

- Relocating? Buy or build an energy-efficient home. Don't try to save money buying cheaper, non-insulated style windows—it'll cost you money in the long run.

The Right Stuff for Overseas Fruit Sales

New packaging techniques could open the Oregon fresh fruit market up to Northern Europe, the Pacific Rim and East Coast cities. Agricultural Experiment Station horticulture researcher Daryl Richardson is experimenting with a non-perforated, semi-permeable plastic film covering that could maintain the proper atmosphere for fresh fruits.

The film, coupled with careful handling and proper refrigeration, can improve shelf life to three to four weeks, he said. Current fruit shelf-life is four to 10 days.

Richardson's packaging allows the fruit to breathe as it would on the plant. It fills the package with oxygen and carbon dioxide and allows a slow exchange with the atmosphere. Molds, bacteria and fungi that would normally attack the plant would be unable to withstand the high levels of carbon dioxide, he said.

Fruits must be matched with the right type of plastic because they breathe at different rates, he said.



Senior Tim Hayner, sophomore Neal Caloia, and senior Dave Buchanan of OSU's Pistol Club finished third in the nation at the 10th Intercollegiate Pistol Championships in March. They followed the U.S. Naval and Military academies. Buchanan and Hayner took All-American honors for their season scores.



OSU's International Dean of Education Jack Vandewater and Lydia King, assistant dean, gear up to provide the University's minority and foreign students with a more rewarding experience and introduce Oregon students to a more international education. They were appointed to their positions earlier this year.

Earth-bound Research May Yield Clues on Mars Channels

An oceanographer is studying how rocks and boulders move in rivers and streams on Earth to learn more about the flood channels on Mars.

His findings may help explain one chapter in the evolutionary history of the mysterious planet.

Unexplained channels were first seen clearly in photographs taken of Mars by the Viking I and II space probes in 1976, said Paul Komar, OSU professor of oceanography. A few scientists initially thought glacial activity caused the channels, but the evidence today suggests massive floods, he added.

Working with a grant from NASA, Komar has been trying to determine the size of the flows necessary to cause the channels on Mars.

Komar said a series of huge channels in eastern Washington provides the most striking comparison to Mars. Known as the "Channel Scablands," the flood-ravaged area has channels six to seven miles wide, he said. They were caused some 15,000 years ago when a glacial breakup released water from ancient Lake Missoula.

"We're talking about something several times the size of the Mississippi River flowing down a much steeper gradient than the Mississippi," Komar

said. "The discharges were enormous."

It may have taken a similar, if not larger, series of floods to create the channels of Mars, Komar said. But comparisons are difficult because scientists still know relatively little about the Mars channels.

The best photos of the channels were taken at some distance, Komar said.

"The space probe landed in one of the safest, and thus, most boring areas on Mars," Komar said. "I would have liked them to have stuck one in the channels. We'll have to wait for another mission, I guess."

In the meantime, he is increasing his base of data on river and stream transport on Earth. Komar began studying the movement of boulders but has since expanded his research to 'cobbles,' rocks about the size of a grapefruit, and smaller material.

Much of his research has been conducted at Oak Creek near Corvallis, although he also has explored numerous mountain rivers and streams. Komar said he hopes to learn more about how various sized rocks move during regular stream flows as well as during floods.

Mark Floyd

Open Your Crevasse and Say Aaahhh. . .

Leading a string of horses into the wilderness to check on a glacier's well-being may be the ultimate in house-calls, but it's a University geologist, not M.D., who has taken the challenge.

The study by Peter Clark and colleagues will compare the difference between Collier Glacier after winter snow accumulation and summer melt. Oregon's largest glacier, between North and Middle Sister in the Cascades, is one of an increasing number in the world that are retreating rather than advancing. Collier Glacier has retreated almost a mile in the past 70 to 100 years. One site where researchers camped during an October trip to begin their studies would have been about 300 feet deep in ice around 1900, Clark said.

"This glacial retreat has been occurring across the Earth's Northern hemisphere in past decades," Clark said. "It's not really an isolated incident in Oregon, and I believe it's too early to say it's being caused by some one factor, such as a carbon dioxide buildup. There was apparently a

warming trend in the early part of this century, but a cooling period later on."

Clark doesn't believe that the gradual melting can be linked to greenhouse warming, especially since there is no scientific consensus that the debated effect has begun—and change in glaciers tends to lag climate change by 10 to 100 years. But he does think the glacier can help serve as a tool to monitor global climate changes on a local basis.

By virtue of their slow, plodding reaction to larger climatic trends, he said, a glacier helps cut through the atmospheric "noise," or natural variations in climate, from one season and year to the next.

An Albany horsepacker, Mike Patrick, thought the research was interesting enough to volunteer his time, animals and help with October's expedition. Research dollars are coming from the U.S. Geological Survey through the OSU Water Resources Research Institute.

David Staught

But will it buy lunch?

Computer May Provide Financial Expertise

Business and computer researchers are putting their heads together to get more of an expert's head into a computer—and ultimately provide flexible, sophisticated financial advice.

Barry Shane, an associate professor of business administration, and Mitch Fry, a graduate student in computer sciences, are addressing two of the more significant problems of expert systems, in which a computer contains both a broad base of knowledge and the ability to interact with the user to provide guidance, advice or instructions.

"The key thing we're working toward," Fry said, "is computer technology that can blend and combine more than one body of expertise, achieving more interaction between different systems as needed to solve a problem."

This is essential in the highly complex field of financial advice, Shane said. A recommendation about how to handle a person's money must take into account the personal situation, willingness to accept risk, short- and long-term needs, individual attitudes, current economic conditions, future economic trends and even the relative merits of one particular stock over a different stock, he said.

"This type of advice calls for expertise in so many different areas, it's not enough for a computer to respond to

just one of them," Shane said. "It's almost a blend of logic and evaluating a person's philosophy of life, assuming they have one. It's not the easiest thing in the world to do."

The other major challenge, Shane said, is in a field now being called "knowledge engineering." In a simple sense, this is trying to figure out how a human expert reaches a decision and attempting to duplicate at least the results of that process with a computer.

According to the OSU researchers, use of expert computer systems is increasing in a wide range of fields, including areas such as medical diagnosis, agriculture, manufacturing and others.

"In theory, at least, with an expert computer system you gain two things," Shane said. "You can incorporate the very brightest human intellect into the computer, and you can provide computerized expert advice on a broad basis and at a much lower cost than you could with the human expert."

"I'm not sure we will be able to take this project to ultimate completion," Shane said. "But private industry has shown a lot of interest in the idea already, and we want to demonstrate that it's possible, that this concept of one expert computer system querying another could really work."

David Staught

Researchers: Universities Not Doing Enough to Help Students Stall AIDS

A lot of lip service and very little teaching is going into U.S. university attempts to help students reduce the risk of contracting AIDS, say University researchers.

Rebecca J. Donatelle, assistant professor of public health, and former faculty member Marie Saracino, now an assistant professor of home economics in Texas, surveyed nearly 100 Western colleges and universities and found "serious discrepancies" between actual programming and services and what the institutions said on paper.

U.S. colleges and universities have not only been reticent to add AIDS education to required curriculum, they have provided little money for training of counselors and health center staff, the report concluded.

The study revealed that Oregon institutions rated the importance of such education higher than all other institutions surveyed. The University offers an elective health class and honors seminar on the disease and has an AIDS policy.

But, Donatelle said, "OSU, and other institutions, are still not hitting the prevention angle as hard as they could. A lot of task forces would analyze the problem, and numerous policies were designed to deal with the problem. . . But very little action was actually being taken to prevent the problem."

Though 99 percent of the universities surveyed offer AIDS brochures and videos through student health centers, only 3 percent require AIDS education as part of a general education program.

Complicating educational efforts is an increasing sense of student apathy, Donatelle said. Elective classes only reach those already concerned, which she likened to the students who don't drink attending an alcohol awareness workshop. "The people who show up for the workshops are often not at risk. By not having mandatory classes, you miss large entire subgroups of people."

Mark Floyd

Technology Makes Waterborne Life Easy to Investigate

Layers of life on the ocean surface are a bit easier to see with a combination of fiber optics, electronics and laser technology.

A new instrument system, developed at OSU with collaboration from Lawrence Livermore National Laboratory in California, allows scientists to track rapid changes in temperature, salinity, vertical water speed and the density of minute oceanic plant life known as phytoplankton.

The instrument sends information aboard ship instantly as it drops through the water. Fiber optic cable carries laser light from the ship underwater, where the one-celled organisms' pigments absorb it, then a millionth or billionth of a second later, re-emit a fraction as fluorescence.

The scientists—Timothy J. Cowles, Russell Desiderio and James Moum of OSU—use the amount of light returned to the instrument to estimate the numbers of the minute organisms in a given area. They are studying how changes in the top 300 vertical feet of the ocean surface affects the rate of new phytoplankton production. Plankton is the base of the food chain in the world's oceans.

Previous instruments have been unable to measure both the amount of plant life and the physical conditions it lives in, and have only been able to estimate plant density every two meters. The new system is accurate in areas as small as two centimeters.

"Chameleon" has been suggested as a name for the system because researchers could plug other small-area measuring instruments into the ship-bound computer base. The group recently received a two-year "creativity extension" for their instrument development grant, bringing the five-year investment by the National Science Foundation and Office of Naval Research to \$1.2 million.

Joe Cone

Accreditation Problems Threaten College Of Veterinary Medicine

The College of Veterinary Medicine has until November 1994 to hire more staff—or else.

The American Medical Veterinary Association placed the college on limited accreditation status in November and gave OSU five years to correct what it considers to be an understaffing problem. The action threatens the college's status as a professional program.

The college's Diagnostic Laboratory has already lost its accreditation—a matter of lost credibility and standing now, which could translate into financial losses and animal deaths later.

"The diagnostic lab is critically important to the economy of the state," said Loren Koller, dean of the College of Veterinary Medicine. "And to have a good one, a staff of faculty experts is essential to assure quality diagnostics. It all ties together."

"But the potential threat to full accreditation of our overall college is the central issue here," Koller said. "Nothing can be as important as the education of veterinary students and the expertise and research that our faculty provide. That's the basis for everything else we do."

The college was placed on limited accreditation in November—a symptom of the pressing need for more faculty, equipment and programs, officials said.

They estimate about \$494,000 would be required annually to pay the salaries of the faculty necessary to enhance programs and regain full accreditation in the college, one of only 27 such schools in the nation.

Approximately \$350,000 in "start

up" funding and \$200,000 in recurring funds are needed to address the deficiencies in the Veterinary Diagnostic Laboratory.

"This is a most significant problem for OSU, OSSHE, and for the state," said President John V. Byrne. "If we don't provide additional resources to OSU's College of Veterinary Medicine, Oregon may be out of the veterinary medicine business five years from now."

OSU operates a cooperative professional program in veterinary medicine with Washington State University in Pullman, Wash. Each school provides different aspects of a student's education. Graduates of this program have traditionally been sought after for employment, university officials say, and score very high on national and state board exams.

According to Norman Hutton, associate dean and director of instruction, the Association's action is based on a 1988 routine accreditation review.

"There are two general areas of concern outlined by the accreditation agency," Hutton said. "One is an inadequate amount of clinical resources for the small animal education program at WSU." It will largely be the responsibility of WSU officials to resolve problems in that area, he said.

At OSU, the reviewers cited a need for greater "depth and breadth" of faculty. Additional faculty expertise in the areas of public health, ophthalmology, clinical pathology, nutrition, anesthesiology, radiology and other areas is needed.

"Right now we're working with President Byrne to have our funding

requests incorporated into the overall state system budget that is being developed by the chancellor," Koller said. "Our goal is simple, to regain full accreditation as soon as possible. If we're serious about recruiting the type of students we want and the faculty we need, nothing less is acceptable."

"We agree we need more faculty. We have a single anesthesiologist and radiologist who literally have to be on call 24 hours a day, 365 days a year. But the bottom line is that we're still achieving good results—students who are highly ranked nationally and faculty who are international leaders in their fields of research."

If the college loses its status, only existing students would be allowed to complete their studies and receive an accredited degree.

David Staub

Ag Briefs

The College of Agricultural Sciences is shaping a new operating plan to respond to trends and pressures influencing the college, including changing student and state population demographics, environmental problems and consumer concerns about food safety.

Dean Roy Arnold said the college might restructure its teaching and shift from discipline-oriented research and extension programs to team-based, multidisciplinary programs. He plans to reestablish a statewide advisory group and set up groups to work on state issues.

Arnold hosted meetings in March around the state to solicit advice on the draft plan from the public. Copies of the draft plan can be obtained from the college's Agricultural Experiment Station and through offices of the Extension Services in every county.

Livestock grazing under high voltage transmission lines is being studied to help answer questions asked of electric companies.

Fredrick Stormshak, Agricultural Experiment Station animal scientist, and James Thompson, Extension sheep specialist, will be looking for hormonal changes in sheep placed under a Bonneville Power Administration line near the Ostrander substation about 25 miles east of Portland.

The project is funded by a \$470,000 grant from Bonneville Power and a group of U.S. and Canadian power companies.

Plant pathologist Chris Mundt is experimenting with a planting method he hopes will cut losses to the fungi that causes wheat rust. Mundt is planting mixed grain varieties grown in the past and comparing their performance to traditional, one-variety fields.

Mundt believes his method would decrease the need for fungicides, which could reduce the risk of surface and ground water contamination.

He has one set of data showing increased yield and resistance over time.

Animal Science instructor Tom Hill owns the 1990 national champion Polled Hereford bull.

Hill, who coaches the livestock judging team, said his 22-month-old animal's win reflects a trend toward practical beef production—natural thickness, performance and soundness.

Farm Bill Debate May Decide Future of Sustainable Ag

The current Congressional debate over the Farm Bill will put the low-input sustainable agriculture (LISA) movement to the test, according to the director of the controversial federal LISA Research and Education Program.

"LISA will be tugged at from all sorts of directions by people with vested interests who would sincerely like to see it defined to fit the world they prefer," Neill Schaller said.

The LISA director gave the keynote address before more than 400 attendees of the second "Farming for Profit and Stewardship—Sustainable Agriculture in the Pacific Northwest" conference in Vancouver, Wash., last month.

LISA is a new program for farming and farm research that aims to help farmers use equipment, labor and chemicals more efficiently through better management. The goal is the sustainability of natural resources including soil, water and wildlife.

"Farmers, farm organizations, agribusiness, the USDA and the Land Grant universities all have a philosophical, if not economic, stake in conventional agriculture," Schaller said. "Some resent it (LISA) as a criticism of the miracle of modern agriculture that they devoted an awful lot of their lives to develop."

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

"Soil erosion, loss of natural soil productivity, ground water contamination, pesticide residues in food, growing resistance to pesticides by insects, weeds and other pests, loss of genetic diversity, water depletion and rising farm costs and debts are all driving LISA," Schaller said.

Schaller sees farmers as integral to the success of LISA.

"You'll not find a single farm that is not affected by one of these adverse side effects. That tells me something is happening here, more than just an Alar scare. Support is growing. Farmers are victims, too."

Congress is working on reauthorization of the LISA Research and Education Program, initiated in 1988, Schaller said. Commodity programs, especially base acreage provisions, may allow farmers to expand crop rotations without losing eligibility for price supports on major crops. The debate may also delve into the more controversial issue of financial incentives for farmers shifting to LISA.

The conference was sponsored by the Extension Service and agricultural experiment stations of Oregon State, Washington State and Idaho State universities and the LISA program of the U.S. Department of Agriculture.

Carol Savonen

Can You See That, Nelly?

New research in horse perception has revealed that compared with humans, horses are virtually blind. Carol Saslow, associate professor of psychology, has discovered in her research that horses have very limited binocular vision, preventing them from recognizing moving objects until they are very close.

"As horses move their heads around, they see all kinds of things come jumping out at them," she said.

Horses are capable of seeing objects at long distance, but they cannot recognize the object until they are upon it. Their best vision is a narrow cone.



ALUMNI
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Natural and Prescribed Fire in Pacific Northwest Forests

Edited by John D. Walstad, Steven R. Radosevich, and David V. Sandberg

A comprehensive summary of what we know about fire and prescribed burning in the Pacific Northwest

The issues surrounding the control and use of fire in the forests of the Pacific Northwest are complex and controversial. Deciding whether fire is likely to be beneficial or harmful in specific situations is very much a matter of judgement and experience. This book provides state-of-the-art information to guide the decisions of the forest manager and policy maker.

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George P. Edmonston, Jr.

OSU in the '90s

For the past five years, Oregon State has been conducting one of its most exhaustive self-examinations in decades, a campus-wide strategic planning process to chart a course for the University for the '90s and beyond. In an effort to find out what OSU has learned about itself, its strengths and weaknesses, the broad goals and objectives the administration has established for the next 10 years, *The Oregon Stater* spent the month of April interviewing President John Byrne and vice presidents Graham Spanier (provost and academic affairs), Edwin Coate (finance and administration), George Keller (research, graduate and international programs), Lynn Spruill (university relations), and JoAnne Trow (student services). Their comments, which appear below and which deal with a variety of topics ranging from curriculum to student recruitment to the growing importance of OSU on the international arena, give a candid picture of where OSU feels it would like to be by the year 2000 and what it will take to get there.

"OSU in the '90s is going to become more of a global university. Within this decade we will be doing things to strengthen OSU's position as one of the leading international universities in America." John Byrne

On the future directions of OSU taking shape in 1990:

Byrne: There are several. In no particular order, one direction is the whole matter of internationalizing our activities. This is a trend, a movement that will occur throughout the state system. Perhaps it will be more prevalent on the West Coast than it is elsewhere in the United States, but clearly at OSU we are leaning heavily in this direction. My sense is that within the decade we will see language requirements for all students, we will see an international requirement, we will be offering more international courses and we will be doing things to encourage faculty to include the international dimension. At some point we may be offering some type of international degree, and it may require time spent in another country. The whole business of global awareness is going to be pervasive at this University. The '90s will also clearly have as one of its major dimensions concern about the environment. We're going to see more programs focusing on topics like the environment and global environment and for us as a land

grant university these topics will be extremely important because we have responsibilities in agriculture, forestry, fisheries, oceanography ... areas that affect and are affected by global environment. We may very well see some new programs developed, things for example in natural resource management, environmental management, that might have a slightly different spin, and this institution will certainly take a lead in many of these areas.

Spanier: In these early years of the '90s we're going to see more emphasis on undergraduate education. We'll be implementing the new baccalaureate core, and I think there will be continued emphasis on trying to bring more coherence to the undergraduate program, all centered around the question of what do our graduates in the 1990s really need to know about and be prepared to do when they leave Oregon State. I also think there will be continued emphasis on writing and communication skills because these areas are becoming increasingly important in society as a whole.

Continued on page 10

On the possibility of OSU announcing a capital campaign in the early '90s:

Byrne: Yes, I think we will see OSU launching a capital campaign in the not-too-distant future. People need to realize that only about 38 percent of our budget comes directly from the state. The rest comes from grants, contracts, gifts, student fees, and so on. The trend we have seen in the last several years has been of leveraging private dollars with state dollars and it works the other way, too. If you can find some private dollars, you may be able to leverage dollars from the state. If you look around this institution we have a great many needs that are not being met through our 38 percent. I'm talking here about facilities in bad need of repair, remodeling, refurbishing and facilities which simply don't meet present-day needs. We're going to need to build new facilities. Our most recent building is the electrical engineering building, which is a modern building constructed to meet the needs of engineers in electrical and computer engineering and that's great for the '90s. We will start construction in the not-too-distant future on an agricultural sciences building, which will be a modern biological sciences facility which will help us in the '90s. But over on this side of campus there's our library, which is too small now, and we are moving ahead with planning and fund raising for expansion of the library. In addition we have a great number of classrooms and laboratories which need to be modernized. Our classrooms, for example, should have video capabilities and computer capabilities and have large screens that show what is coming up on the computer screen. There are certainly a variety of things that are needed and if we are to have these things in a timely way, it's going to mean that we are going to require everyone to get behind their university and help us acquire the funds we need, either from their own personal donations or from corporations, foundations, whatever ... funds that can be used to help keep this institution a viable place for the next 50 years.

On the emerging national trend that universities like Oregon State must stop paying "lip service" to quality teaching

"In the coming decade, institutions across America are going to strongly emphasize writing across the curriculum. Communications skills are going to become important because they are becoming increasingly important to society as a whole."

Graham Spanier

and dedicate the '90s to reinstating the belief that society is best served when quality teaching is high priority:

Spanier: Quality undergraduate instruction has been given the highest priority here at OSU for the '90s. This parallels national trends at land grant institutions. At the institutional level, we are going to be more attentive to meeting the needs of undergraduate students by emphasizing good teaching and rewarding good teaching. Good teaching will also continue to be a part of the tenure review process although what I have found here at OSU is that not very many of our faculty know that we take teaching into consideration when we're reviewing for tenure. Everyone thinks we make these decisions just on the basis of research and so we are now trying to demonstrate that teaching really does matter. We're also going to be revising our approach to teaching evaluations. The faculty senate committee has recently come up with a new approach that we'll probably implement starting next fall which will, in addition to asking for student input, also emphasize peer evaluation. Colleges and departments will be asked to send in a colleague or a team of colleagues into another faculty member's class to give that person advice and feedback and observe what's

happening. Good teaching is a complicated process and can't be measured just by handing a student a form to check off in 30 seconds. You need a whole range of approaches and in some cases it might mean a department head going in to a classroom or a colleague in that classroom evaluating what is going on. And it may mean that you may have some faculty members who don't receive high marks but when you talk to students five years after they graduate and ask them who made the greatest impact on them while they were at OSU, they talk to you about these same teachers.

On the future of OSU's international research and development programs:

Keller: There is a tremendous amount of work underway on this campus right now in the international arena, and our goal for the next several years will be to do a better job of providing the entire effort with more focus. 'Focus' is a poor word perhaps, but if you stand back and look at OSU, there are not that many areas or subjects where we get great visibility. Now I have to back off a bit here because our international research and development efforts, our international technical assistance programs get very high marks and there's a lot of visibility here and, I might add, one might say this is our 'focus.' It is a prominent program, rated number one in the country for the last three years, and the people involved are knocking themselves silly. But if you stand back and say what is the real program thrust of what we're doing, what is unique about OSU, this is a little harder to define. So we've put together this program advisory council to take a look at our entire international effort, and we'll be coming up with a recommendation for developing a center on international culture to try and bring into focus exactly the kind of international institution we are, to identify those areas that deserve a little flag waving. What we really hope to create here is an international awareness on the part of our faculty and students.

On new campus construction and what the campus will look like in 10 years:

Coate: When I first took this job I asked for a copy of the University's "master plan" for campus con-

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struction, and I looked at what we had and was pretty chagrined because it is very cluttered. There is *no vision* for this campus right now like the vision that was here in the early 1900s when the plan was originally developed. It was a beautiful vision, calling for a lower campus supported by two main quads and everything focused on those three pieces. But we long ago outgrew that plan so I've gone out and hired a new consultant to come in to do a new vision for Oregon State, a vision that will provide us not only with where we should be 10 years from now but hopefully what this campus should look like 50 years into the future ... a plan that will not let clutter happen but will have clearly defined ideas about where buildings should be built, where they should not and so on. Clearly the new plan must continue to build on the theme of quads, which I feel is one of the real strengths of this campus and one reason why it is so beautiful. But our campus also has weaknesses—there's no major entrance to campus, there's no feeling of where the southern boundary of the campus is, there is no central plan on how to handle traffic and parking—and I have every intention to make sure the campus' new plan also deals with these areas. You know this is an exciting time right now for campus construction. We're literally in the midst of a mini building boom. The library will soon be expanded, we will begin construction this year of the University's new Ag Sciences II building, a family studies center and new child care building are in the works, and we may soon begin tackling the problem of what to do with Mitchell Playhouse. There is a real need for a performing arts building on this campus, one that includes facilities for dance and music and so on. Liberal Arts Dean Bill Wilkins feels very strongly that only a *major* facility will handle everything, which means a facility much larger than that which could be built where Mitchell now sits. My hope is that the new master plan will help us identify such a location. Where Mitchell comes into the picture is with the proposed library expansion. If we expand in the direction of Mitchell, some or all of it may have to come down. The bulk of the building is in such terrible shape that it would cost us more money to repair it than it would be to build a new building. It's possible that some of the outside facade of Mitchell could be preserved and built into the plans for the new building so that we would have the best of all worlds, a little of the old with a little of the new.

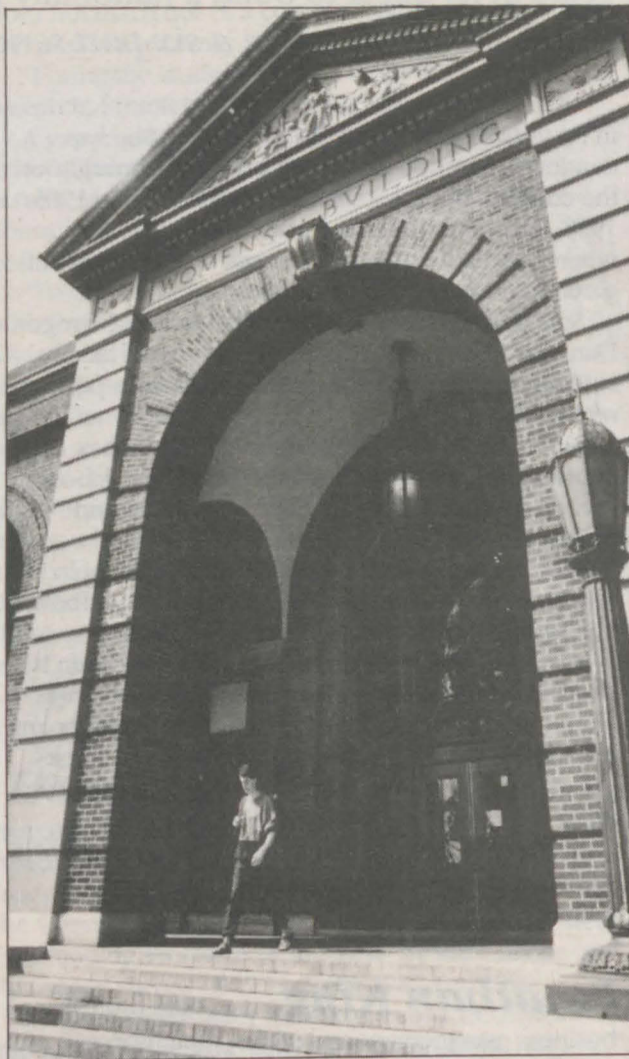
On the unprecedented change now underway in the College of Ag Sciences, particularly in curriculum and degree programs:

Byrne: Ag Sciences has been a traditional strength at this University and will continue to be for the rest of this decade and beyond. But the College has had to take some severe program cuts recently, which has caused the dean and his faculty to take a close look at their entire curriculum. Agriculture, I think, has always been a step ahead of the rest of the University in terms of planning. In fact, much of the motivation for the long range plan we introduced several years ago relied on what agriculture has already done. In any case, they are now looking into the future. The curriculum now being developed in Agriculture basically moves from the very specific series of programs, 15 or 16 to be exact, down to about six fundamental programs—animals, plants, business, food processing, science, those kinds of things. I think we are going to have the best, the keenest, the most forward-looking curriculum in agriculture in the United States. I am very excited about it and I think they are too. The interesting thing is that the reception throughout the state, on the basis of the meetings we've had so far, has been very positive. What is emerging, I believe, is a program that allows students to see the great array of opportunities that exist in agriculture and allows OSU to build on the strengths that already exist but packages everything in an entirely new way that brings about more opportunity for our undergraduate and graduate students.

On emerging trends in student recruiting and retention and what the student body at OSU will look like by the year 2000:

Trow: I think the student body at OSU will pretty much look like it looks right now and this is because of the type of institution we are and where we're located. We'll still have a significant number of traditional age students. We will probably have about

the same percentage of international students enrolled here—between 10 and 12 percent. By the year 2000, however, most students won't complete their first degree until five or six years after starting. This trend is already underway nationally, and right now less than 20 percent of our students are graduating in four years. As we move into the decade we may also see more and more older students enrolling at OSU, and this will be both people who are coming back to school and men and women entering the university for the first time. Right now, liberal arts enrollment here at OSU is following national trends, which means we're seeing a record number of students enrolling in the liberal arts. Whether or not this continues as we get into the '90s remains to be seen because a lot of it will depend on employers. In the '50s and '60s, corporations and businesses employed liberal arts students and then suddenly



OSU is now working on a master plan which will reinstitute the theme of quads that makes the campus one of the most beautiful in the United States. The plan should be ready by the mid '90s.

everyone decided they wanted business majors and MBAs, and now they're back to looking at liberal arts students as people they can train to work in a particular field. Our recruiting goals for the '90s will be to recruit to Corvallis the finest students we possibly can, knowing we are an institution with limited resources and operating with an enrollment cap of somewhere between 15,000 and 16,000 students. But we will always be looking for students who are qualified to do college work, who fit this institution and who are students who can profit from an education at OSU, with a special emphasis in recruiting more outstanding students and increased numbers of minority students.

On the public relations messages OSU will be communicating to its various constituencies during the '90s:

Spruill: I'm a great believer in product differentiation. I want OSU to be the best place it can possibly be for what we do. If all we're going to do is be the same as the University of Oregon then one of us does not need to be here. We're a different institution. The U of O is a fine institution and they do a number of things very well. But they don't have a college of ag sciences, they don't have college of engineering or college of forestry. Our PR messages will draw on the strengths of who we are and how we can best benefit the state of Oregon and the region of the Pacific Northwest. Maybe the major public relations theme we will try to push in this decade is 'invest in Oregon State University.' What do I mean? Well, when you send your son or daughter here, you're investing in OSU. When you pick OSU as a place to get some research done, you're investing in OSU. When you provide private contributions, you're investing in this institution. So investment in this institution will become a major public relations theme because this

institution is now beginning to make a serious shift toward recognizing the many responsibilities it has towards its 'customers.' A lot of people don't like this word 'customers,' but the truth is our students are our customers, the public the same, our research granting agencies are our customers and so the question that's emerging is 'how do we deal with our various constituencies, how do we treat them better?' Another important theme will be how do you most effectively deal with a culturally diverse campus population?

President Byrne on his retirement during this decade and his highest priorities for the remainder of his presidency:

Byrne: Well, first of all I would really like to leave behind a university where we have achieved some high level of performance through total quality management, total quality control, whatever you want to call it, where we have revisited all of the systems that we use and we've gotten them as streamlined as they can possibly be—where performance of the individual is at the highest level possible. Maybe I'm talking about a university where everything is close to perfection, where there are few complaints. Of course you can never achieve this but it's worth striving for. And I'd like to see an institution in which the quality of teaching, but not just the quality, the *character* of teaching is as high as possible and as focused as possible. And when I say focused, I don't mean necessarily pinpointed with a sharp beam in specific areas, but focused in terms of the student, in terms of the development of the individual, intellectual maturing, social maturing, the professional maturing of people who come to you to spend four, five or six years. What this all really means is that I would like to see Oregon State University become a recognized, international university, drawing outstanding students and faculty from all over the world for the kinds of interaction that's possible and the benefits derived from such interaction. On campus, I want to try and make progress in terms of our facilities and equipment, particularly in computers and computing. One of the main thrusts of the future will be the total familiarity in the use of computers by our students.

On the growing importance of the alumni to OSU's future:

Byrne: Alumni will continue to be very important to this University as we plunge into the '90s. As I have frequently said to alumni groups around the world, this University over the long haul measures its success by its alumni, by the success of its alumni. As an institution, we must take pride in what our graduates accomplish once they leave here. We've talked about the possibility of OSU launching a capital campaign, which we may very well do. Hopefully, when we do, our alumni will feel proud of this University and will want to help us improve as an institution and be a better place in ten years than we are now. It's clear to me that as we look into the '90s, we are going to need our alumni more than ever ... need them to help us build here at OSU the kind of institution we think we all want this place to be.

George P. Edmonston Jr.

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Honoring Excellence in the Classroom

As OSU enters the '90s, the University has placed quality teaching as one of its highest priorities for the new decade. Already Oregon State is off to a good start, for the campus may already have in place one of its best teaching faculties ever. *The Oregon Stater*, in an extensive two-month study to find OSU's very best teachers, found strengths in every department, particularly among the University's younger faculty. The next several pages offer an opportunity to meet six of these men and women. In no way do they represent all of OSU's best but they are indicative of the accomplishments OSU has made in recent years in its quest to build a nationally prominent teaching and research faculty. (First in a six-part series.)

Carol Soleau's office nourishes and reflects her dancer's soul. On the second floor of the women's building, it overlooks the quad through an arched glass doorway that leads out onto a wrought-iron fenced balcony. Along an adjoining wall, light streams in through a high window. On the wall is a tinted photograph of a dancer taken in the lobby of the women's building, probably in the 1930s. Another photo is of 96-year-old Martha Graham, a former OSU student nationally known for her modern dance technique.

When they made these offices, "because I'd been shuffled around for five years in a row, Dean (Michael) Maksud let me choose first. . . It's wonderful. I can sit here and watch students walk out. Sometimes they are trying out things they did in class. . . There is so much life out there in the quad, too. It's so special to sit here and watch because dance is about translating ordinary movement," Soleau says.

Unlike many dancers who start training as early as four or five, Soleau didn't decide to become a dancer until she had nearly completed her bachelor's degree in English and psychology.

It was an "instant decision" that she made because of a "magic moment" of movement in a dance class, she says.

Soleau studies movement of all kinds.

For instance, Soleau is a big fan of basketball star Gary Payton. She watches every game from beginning to end, fascinated by the way Payton skips backward.

"He's a beautiful mover. He always knows where he is," she says, adding that Payton knows when to expend maximum energy and when to "coast," thereby minimizing energy expension. Soleau uses his basketball movements as examples for her dancing classes.

An associate professor, Soleau teaches ballet, modern dance and jazz. In 1988 she received the Carl L. Anderson Outstanding Faculty award from the College of Health and Human Performance. She earned her bachelor's and master's degrees from Stanford in 1972 and 1974, respectively. Her M.A. is

in education, dance and choreography. She has continued to study dance at workshops throughout the country. During a six-month sabbatical in 1985-1986, Soleau returned to study in New York City, where she had worked for several years with avant-garde pioneers early in her career.

Soleau is also the founder and director of Oregon Dance, a 12-year-old community troupe of faculty, students and local dance professionals who perform regionally.

Since she joined the faculty in 1977, she has choreographed more than 50 works. She has been invited to perform and teach at workshops and master classes throughout the West Coast.

As a teacher, Soleau finds it rewarding to help others "to express their own personal style without stepping on their toes, so to speak."

"Dance is a very personal form of expression. It allows the students to see themselves as very integrated beings, to see that the mind and the body are not only united, but reflecting the whole as an expression because, for dancers, the body is an instrument from which they cannot hide," she says.

Some people think that dance is frivolous, but "in some ways, it's deadly serious. It's the fusion of feeling, form and thought in art."

Jonathan King, associate professor of business management and ethics, remembers evenings when he was a child and his father's students would come over and sit and talk for hours. King would listen as long as he possibly could before falling asleep. His father, who was a professor of comparative religion, always treated people with a great deal of honesty, integrity and respect, which was returned by the students, King says.

"There's no doubt" his father and mother were and are "great influences in my life...All my family are preachers and teachers," King jokes.

"My father, at 84, is starting a new book. And my mother has always been very eclectic in her reading. She sends me things to read."

Perhaps King's early experiences influence his desire to "meet and talk with other teachers who really care."

"It's quite important to have a group of colleagues to help keep the faith. It's kind of like going to church. . . it helps to realize that (I'm) not the lone stranger. That there are other people who care within the institution."

The Benedictine monks were the forerunner of universities. They set out to preserve the best of Western Civilization, and universities should be carrying on with that role, King says.

"But you can't do that when you have a bunch of individuals. . . who are not forming a community. We don't have a university, we have a multi-versity. Even more serious, we may have a producti-versity in which we are pumping out research grants and pumping out students. Whereas, there should be a community of people who care about what is truth and what is said in the name of truth," King says.

"I'm concerned. Some of the problems are at OSU and some of the problems are systemic at the national level."

King earned his bachelor's in philosophy in 1965 at Antioch College in Ohio. Both his M.B.A. in finance and accounting and his doctorate in business, government and society are from the University of Washington.

King was the recipient in 1985 of the first Fritz Roethlisberger Memorial Award for best article published in *Organizational Behavior Teaching Review*. King also was named Mortar Board's Professor of the Term for the winter of 1987.

King sees teaching in three levels. Although he believes all three are important, he thinks too often teaching stops at the first level. Level one is the empirical, learning by rote. Level two is the interpretive level where the student is learning how to learn and thinking about how to think. Level three is the "what-really-counts, the what-really-matters level, sometimes called ethics," King says.

More emphasis is gradually being placed on the second and third levels of teaching. King thinks new



Carol Soleau

Text by Teresa Hess Photos by George P. Edmonston Jr.



Jonathan King

ways to look at things and new ways to define what the problems really are are needed, as well as continuous on-the-job, life-long learning.

Ethics is "in" for the 1990s, which is just part of the cycle of American politics. Every 30 years or so there is a swing from the conservative, private-interest focus, which existed in the 1980s, to a more liberal, public-action focus which is coming in the 1990s, King says.

"I'm real unhappy with the way business ethics has been commonly presented. Courage, integrity, honor and vision, whatever that means, those are old words. But my guess is that that vocabulary is being resurrected. We are getting away from the kind of calculative rationalism that has told us to keep our emotions out of professional decision-making. There are emotions and there are emotions. What about compassion? What about moral outrage? I think there may be some changes coming there," King says.

King admits that "a lot of people get very uncomfortable" about teaching students guidelines and ethics because it seems too much like preaching, or indoctrination.

He counters that as an underestimation of students' ability to judge for themselves. Furthermore, if teachers do not talk about values and ethics, that in itself is just another form of indoctrination, King says.

"Someone told me once, 'do what you really think you ought to do.'"

So King tells his students to "learn to think globally and act locally in a society and world that are becoming more complex, interdependent and fast-paced. That's pretty much what I'm trying to do."

David Carlson and his family do not own a television set. However, Carlson is one of the few professors on campus who teaches a televised course.

Teaching with a medium he won't have in his own home highlights Carlson's commitment to reaching the largest number of students with important information on oceanographic environmental issues.

In a recent televised course evaluation, Carlson, an associate professor of oceanography, learned that half of the 40 students who responded could not have taken the course had it not been televised. Although Carlson bemoans the loss of interaction between himself and the students, he hopes the benefits of greater exposure outweigh the loss of classroom discussion.

Another indication of Carlson's commitment to "getting the word out" is his undergraduate teaching. The College of Oceanography is mainly a research institution with the fundamental requirement that the scientists bring in enough contracts and grants to pay their own salaries. In other words, undergraduate teaching does not add to his earnings and may even lessen it by reducing the time he can devote to research contracts.

"The state pays only a fraction of my salary. I am not required to teach undergraduate courses. I have the option of dropping the undergrad teaching, but the negative side of that is that I would miss all the benefits of interactions with the students," he says.

Other faculty in other fields, however, do not have that option. Carlson believes that faculty in fields with full teaching loads should not be judged or promoted as he is—based on the number of publications and research projects produced. "A terrific professor of the English language, for example, should receive financial and promotion rewards for teaching," he says.

For himself and his oceanographic colleagues, however, Carlson thinks it's imperative that they publish as much as possible because "these are tough times for important environmental issues. The data has to get out fast, and rightly or wrongly, that data influences public policy."

Carlson received his bachelor's in biology at Augustana College in Rock Island, Ill. He earned his doctorate in oceanography at the University of Maine.

In addition to his teaching schedule, each year Carlson conducts two or three major research projects and organizes and participates in two or three cruises.

"People often think that it's like a luxury cruise. But ship-time is so expensive that we work around the clock keeping expensive experimental and testing equipment operating continuously. We're lucky if we get time to sleep," Carlson says.

Constant exposure to new data means Carlson does not teach out of a conventional textbook in a conventional manner.

"I bring the students face to face with fresh research. I think they appreciate that."

A gap exists between what the general public knows about environmental issues and research results. Many of Carlson's students know nothing about global warming, ozone depletion, or even of pollution caused by plastic foam cups, he says.

"To the students' credit, when the issues are raised with them, they want to jump up and respond. They'll say they want to study these issues further, or at least, change their consumption habits. But they should have been exposed to these issues at the high school and grade school level," Carlson says.

Part of his teaching style is to provoke his students in an "irritation sense." By "irritation," Carlson says he means a biologist's term for sticking a pin in a cell and having it respond. If my students respond, if they dispute me, or if they say they want to learn more or do something about it, "then I know that I've done what needs to be done."

"My motivation...is to get the information out," Carlson says.

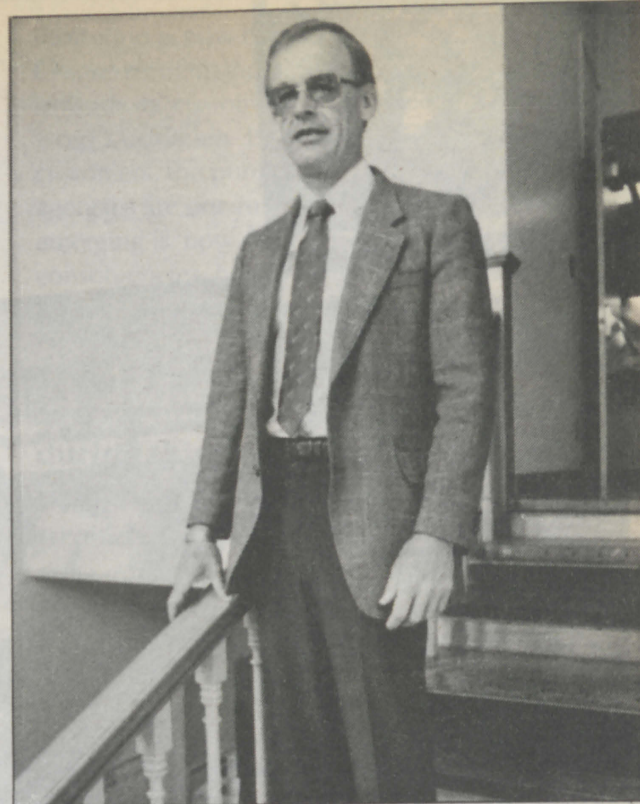
Douglass Stennett somehow manages to find time to do an average of two research projects a year, practice in his own pharmacy (the Corvallis Pharmacy Service, Inc., located in the Corvallis Manor Nursing Home) and still be voted Outstanding Professor of the Year by the College of Pharmacy classes of 1975, 1983, 1987 and 1990.

Stennett's pharmacy teaching record becomes especially impressive when one finds out he has butterflies in his stomach before every lecture.

"It's pretty scary. I still get tense before each lecture. Maybe that's good. It keeps me on my toes and my energy level high. No matter how much I prepare someone will ask a question I'm not prepared for, but I try to anticipate the questions as much as possible," he says.

One of the ways that Stennett prepares is by bringing examples from his practice into the classroom.

"What I do and learn out there really helps the students because I teach pharmacy practice and



Douglass Stennett

intravenous therapy, as well as parenteral and enteral nutrition. It keeps the subject matter fresh and illustrates pharmaceutical applications," he says.

A lot of older-than-average students are currently in the College of Pharmacy, which is a three-year professional program. Two students in the past two years have had doctorates, one in chemistry and one in gynecology, plus a number with master's degrees and returning registered nurses. These are in addition to students right out of high school who will probably receive the pharmacy license by the time they are 22. Stennett estimates that 70 to 75 percent of the pharmacy majors are women.

"Smart. And they are hard workers. They make us work hard too," Stennett says, "and that's good."

"It doesn't take students long, especially upper-division students, to figure out if you know what you are talking about," Stennett says.

In addition to his teaching duties, Stennett is currently winding up a project for the Department of Corrections, updating pharmacy policies and procedures for the prison system.

Stennett attended the University of California at Davis before going on to the University of California Medical Center in San Francisco to earn his doctorate of pharmacy. He is currently a registered pharmacist in Oregon, California and Nevada.

In 1970, Stennett started his professional career serving as deputy chief pharmacist, then chief pharmacist for the United States Public Health Service, Indian Health Service Hospital at Mt. Edgecumbe and Kotzebue, Alaska, respectively. Later, he worked at the Mother Lode Medical Center in Placerville, Calif., and the Alexian Brothers Hospital in San Jose, Calif., before coming to OSU in 1974.

While not working, Stennett enjoys sports cars, gardening, woodworking and spending time with his wife Lynne, and their children, Adam, 17; Matthew, 14; and Sara, 10.



David Carlson



Barbara Middleton and Bette

Barbara Middleton is easy to identify on campus or off—she's always with Bette. Bette is a seeing-eye guide dog in training. Bette stays with Middleton, an Oregon Forestry Education Program leader and classroom instructor, 24 hours a day while the puppy undergoes her social and basic obedience training. Barbara and her husband, David White Middleton, a freelance field naturalist, writer and nature photographer, chose to become guide dog trainers because they wanted to contribute something to the community, but didn't have time to attend regular meetings.

In fact, Middleton's job with the Oregon Forestry Education Program will take her to at least five states conducting 40 workshops each year teaching teachers how to bring forestry and other environmental issues into the classroom. These workshops are in addition to teaching undergraduate and graduate courses.

"The greatest disservice we do to our students is to make learning boring," Middleton says. "To me learning is fun. It's tapping that individual spot in each student that makes him or her unique. I look for what turns the student on. I look for where their experiences have been and try to find a way to build on that to help them understand the concepts I'm trying to share with them."

One of the concepts Middleton wants to share is that controversial issues, such as old-growth forest management, are educational opportunities. In fact, she is currently writing a journal article on how to teach about a controversial issue.

"There are conflicts among the different perspectives, and there's nothing wrong with that," she says.

The teacher should explain what old-growth forests are, what different perspectives and viewpoints exist and why. We need to look at and compare the differing social and political value systems and understand the cultural and historical perspectives leading up to those values, Middleton says.

"I think that if we are going to be able to resolve some of the natural resource issues that we have, whether it's the run-off of polluted water three miles away, the tropical rain forests, deforestation, old-growth, the ozone layer, the greenhouse effect, whatever it happens to be, we need to understand people as being human. We need to understand these resources as something that effects the human environment and vice versa. In some of the resource

decision-making we have taken the human element out of it. And we need to make the issues more humanized than ever before. That's going to mean sitting and discussing and talking and arguing about why we feel as we do about the different issues."

Middleton's approach earned her the 1989 National Teaching Award and 1988 Environmental Education Service Award among other awards and honors.

Middleton received her own education from East Stroudsburg University, where she got her bachelor's in 1976, and at Penn State University where she earned her master's in recreation and parks: environmental interpretation.

"Teaching about the outdoors and learning and understanding more about the environment has always been very much a passion for me."

Kathleen Moore, assistant professor of philosophy, has had classes where the students have stood up on chairs in the excitement of debating ideas.

"It doesn't happen very often, but it's certainly exciting when it does," Moore says.

To help create that kind of intellectual excitement, before she even sits down to prepare for a class Moore asks herself, "How do I want my students to be different when this class is over?"

This means setting up learning experiences and lecturing only if that is the best way to accomplish those goals, Moore says.

For example, in her political philosophy class she wanted the students to understand, "in a very real way," problems concerning the justification of government.

So in the beginning of the term, she told her students that she was going to give ten people in the class ten extra points that very day. Then she gave them ten minutes to decide who among them was going to receive the extra points and left the room.

They had to use all sorts of decision-making processes, Moore says. First, they had to decide how to decide—which is the fundamental problem of how decisions are made. The students drew lots. Later, the person they put in charge of their lots admitted to cheating, purposely pulling out his own name. A number of philosophical questions were raised in the exercise. Additional ethical and philosophical questions were raised by the student's

cheating, Moore says.

"The point of the whole story is that the students learned more about political philosophy when I was out of the room than when I was in the room" by means of a learning opportunity, Moore says.

On some days, Moore experiences a special connection with students, what she calls the "teacher's high."

"It's a combination of adrenalin, intellectual excitement and comradery coming together. It's kind of like singing in a choir, with everyone lending their own particular talent in a joint effort that produces something quite astounding," she says.

Moore says she knew she wanted to be a professor before she chose the philosophy of law as her specialty. She earned her master's and doctorate at the University of Colorado. She has dual bachelor's degrees in philosophy and French from the College of Wooster in Ohio.

In 1989, Moore received the Burlington Northern Foundation Faculty Achievement Award. She has also earned the 1988 Thomas L. Meehan Excellence in Teaching Award and the Professor of the Term award from the Mortar Board Honorary Society in 1986 among other prestigious honors and awards.

Moore has written two books, in 1989, *Pardons: Justice, Mercy and Public Interest* and in 1986, *A Field Guide to Inductive Argument*, which came out in its second edition in 1989. In addition, Moore has published dozens of articles in various professional and general readership publications, including the *Los Angeles Times* and the *New York Times*.

"I think it's important to publish in places where people are going to read the articles. Professional philosophers should reach the general public. And sometimes professional journals become so dense they remind me of black holes in which less and less light goes out. They finally collapse of their own weight," Moore says.

Moore is also a spokesperson for the recognition of the importance of teaching in promotion and tenure awards. First, the question has to be raised whether there is a problem in the balance between research and publication and teaching awards, she says.

Universities are supposed to create knowledge and transmit that knowledge to students. But the rewards seem to be based primarily on knowledge creation, whereas time spent is heavily weighted towards knowledge transmission, Moore says.

"This imbalance is unhealthy for the university," Moore says.

"We have to remember that the University is—first and above all—a place where students come for an education. It's not a trade school. It's not a state economic development agency. It's not a corporate research park. Our particular job is to instill in our students knowledge, perspective, reasoning ability and the proclivity to use these with integrity."

OSU



Kathleen Moore

Mark Scott

"ALUMNI" PRESIDENTIAL SCHOLARS

We would like to introduce the Alumni Association's 1989-90 Presidential Scholars. Each of these students graduated from an Oregon high school last June with an impressive record of academic achievement and leadership activities.

When the Alumni Association conducted a survey of its members about two years ago, asking what programs the Association should finance, it became clear that the University's alumni place a high priority on funding scholarships for outstanding Oregon students. As a result, the Alumni Association this year sponsored the 15 Presidential Scholarships for these students. Money for the scholarships came from a portion of revenue generated by the Association's VISA and membership programs.

Presidential Scholars receive \$1,000 per year during their four years of undergraduate study at OSU. Students are selected on the basis of academic excellence and leadership. They must have a high school grade point average of 3.75, and they must maintain a 3.0 college GPA.

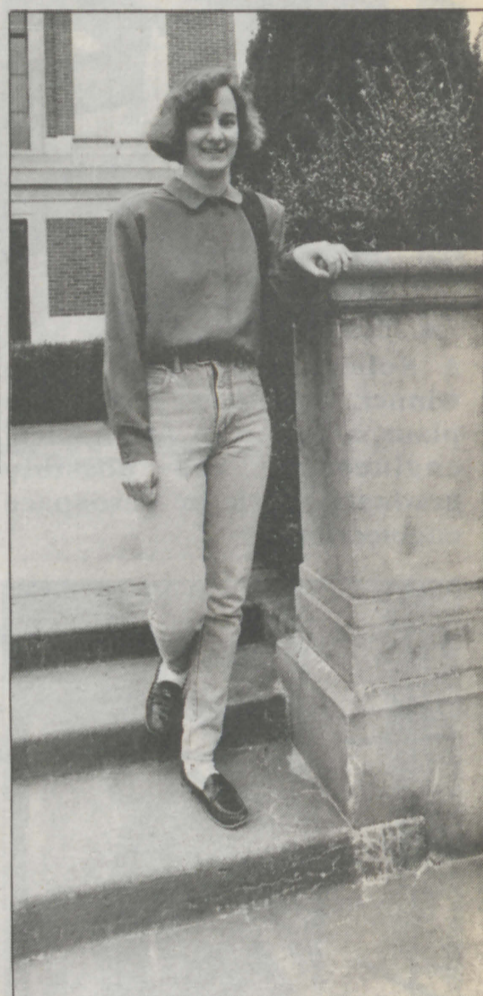
The Presidential Scholarship program began on campus seven years ago, and it has been helping support about 50 students each year. Sponsored by corporations, foundations and individuals, the program's goal is to keep Oregon's best students within the state. Its ultimate hope is that these young people will be able to launch their careers in Oregon.



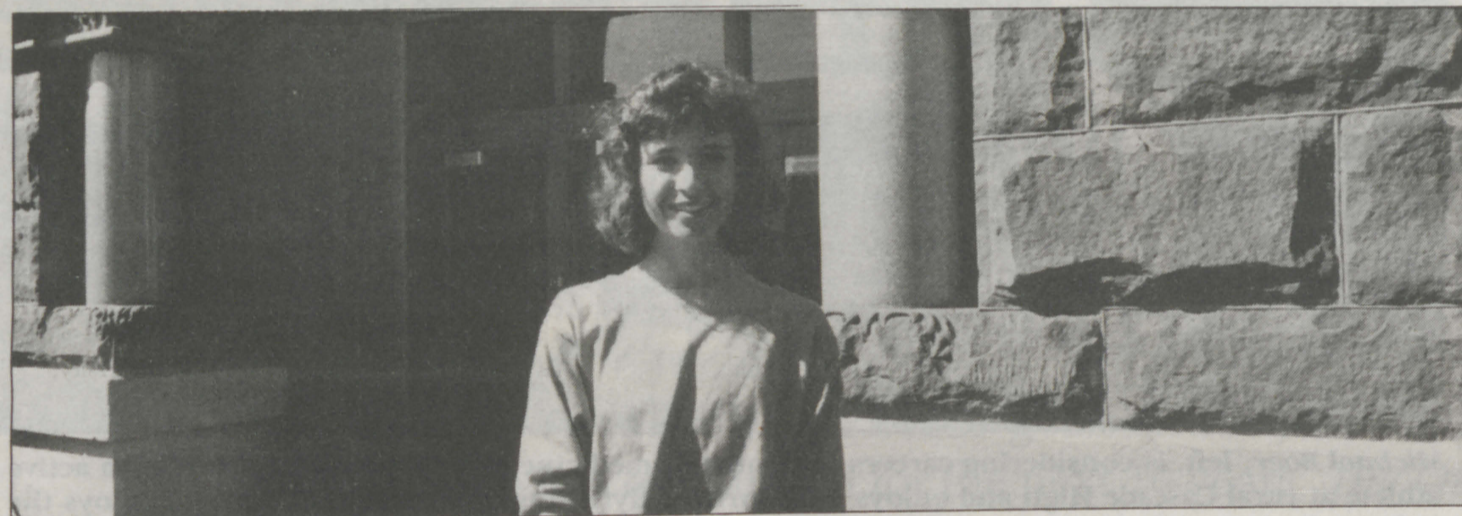
Rebecca Hamilton of Eugene says life at Oxford House cooperative has helped her hit the books and maintain the high marks that give her confidence.



Kelley Nathman's major is microbiology. She's in the Army R.O.T.C. program and came to Oregon State from South Albany High. After an 18-credit load of hard classes winter term, she's going to take it easy and play spring sports "because I decided I need to have fun. That's part of college, isn't it?"



A prechemical engineering major, **Mary Snoozy** of Klamath Falls has joined the American Institute of Chemical Engineers and Society of Women Engineers and is involved with Chi Omega. She is considering a minor in English and a career as a technical writer.



Kristine Bailey has always wanted to be a veterinarian. She was drawn to OSU by its science programs and similarity in size to her home town, The Dalles. She plans to get her bachelor's in zoology first and is gaining practical experience at a veterinary hospital and as a member of the equestrian club.



Jon Hill of North Bend majors in biology hoping to be a high school teacher—he discovered research is interesting but lonely.



Scott Johnson of Oregon City tutors peers in computer science and is a computer engineering major with a 4.0 GPA.



Deve Wolfe is following her father's footsteps in coming to the University. She visited the campus while in high school, and enjoys the change from Wallowa, a town of 820 in northeast Oregon. She is taking general studies courses without yet choosing a major; her interests include psychology and art. Regional help from Rotary and Lions clubs and a farmers' educational trust is helping her stay in school.

Our sketches of the Alumni Association's scholars were written by freelancer Charlene Vecchi. Photos by George P. Edmonston Jr.



A Robert Byrd scholarship winner, baritone *Joel Allen* plans a major in mechanical engineering and possibly graduate work in aerospace engineering.



Heather Gaskin of Eugene is fulfilling a life-long dream. "All my life I've wanted to teach. I really like helping people learn." She plans to get a master's in math or education. Her family needed a school she could afford and she wanted a scientific orientation, so she chose OSU. Social life and activities are taking a backseat to her studies her freshman year.



Joshua Moody learned how to compete quickly with classmates who were better prepared. His Presidential scholarship kept the chemical engineering major at home despite California scholarship offers.



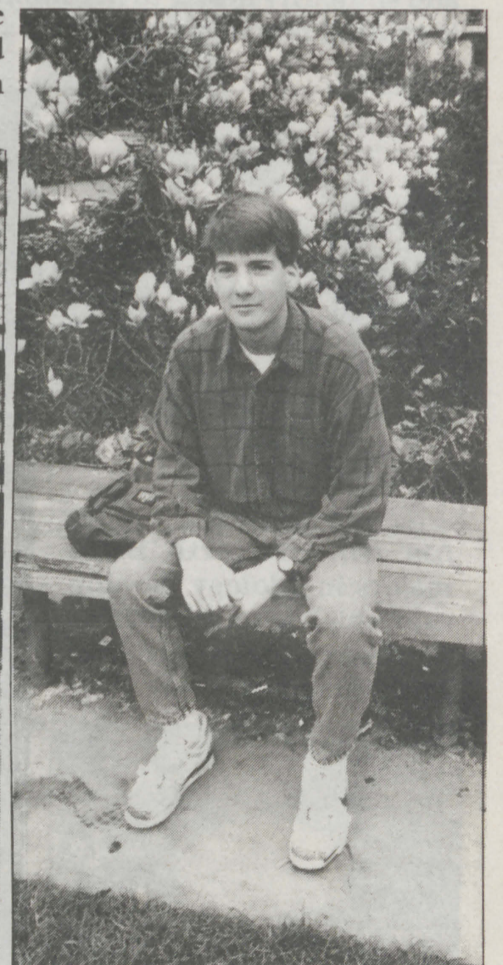
Michael Boer, left, is considering careers in dentistry, medicine or engineering. Boer was an active athlete at rural Cascade High and enjoys windsurfing, flyfishing and basketball. He also enjoys the independence college teaches. "You have to depend on yourself for a lot of things," he said.

Jason Fladoos, right, is using his time in premedical studies to decide between a career as a doctor or chiropractor. An 11-year accomplished swimmer from Troutdale, he competes with the Mt. Hood Swim Team in Gresham.



Melinda Pittman is taking advantage of the University's exploratory studies program and leaning toward a major in liberal arts. She joined the University Singers and would like to play with the OSU Band later on. The Roseburg woman, along with several other scholars listed here, earned a 4.0 fall term. "I enjoy being at college," she said. "This is a great time to find out what I'm made of."

Kenneth Coers, a construction engineering management major, had chicken pox when pictures were being taken for this story. He hopes his career will allow him to return to the Tillamook area.



An anti-addiction group, sports and keeping up his 4.0 grades have kept *Patrick Williams* of Lebanon busy this year. He plans to teach math and P.E. He's the son of two OSU alums and like most of the students interviewed is learning self-discipline. "It seems like your friends are always doing something else besides studying," he said.

Increasing Gifts Fuel Non-profit's Growth

Forty-three years ago the Oregon State University Foundation was started with an alumna's \$5 gift in memory of her husband. The Foundation headed into 1990 with assets totaling \$68.8 million, a 23.4 percent increase over the previous year alone.

Oregon Staters are loyal supporters of their University, and their support of the Foundation has been growing.

The corporation exists to improve the University and provide a way for private donors to further public education. Its non-profit status gives it flexibility a state agency wouldn't have. For example, the Foundation built the LaSells Stewart Center during a period of rapidly rising contracting costs, then gave the building to the University. The Foundation's ability to act quickly in a time of rapid inflation saved \$1 million to \$2 million in the construction costs, said John Irving, executive secretary for the Foundation. The Foundation also can accept gifts that the University, as part of a state system, couldn't accept—like property with debt against it.

Rapid asset growth includes a \$35.3 million endowment that has tripled in size in the past five years. The OSU Foundation Endowment is a portion of the Foundation's assets placed in long-term investments. Only the interest from endowed funds can be used.

The University's annual giving program has a rate of alumni participation, 30.4 percent, that is among the highest in the country for public institutions. That rate is the highest of any public university west of the Mississippi. In the past 20 years, the average annual gift has risen from under \$9 to just over \$50; the mail and telephone solicitation now brings in about \$1.2 million a year.

In a world of increasingly-stretched dollars, where state legislators are willing to try stopgap measures such as lottery games to fund professors' salaries and college athletics, effective fund raising is essential. In 1962, state support formed 47.3 percent of the University's revenues. In 1988-89, that figure was 36.6 percent. Tuition and student fees only covered 11.9 percent of the University's budget last year.

The recent growth in the Foundation has been linked to good stewardship and change in the right direction.

The Foundation, at 43, is a relatively young institution just coming of age. People who were approached for gifts early in their careers are just beginning to leave legacies and estates to benefit the University.

Grafted onto that healthy base were two organizational shifts that have apparently increased effectiveness. The initial change divided the fund-raising and money-managing responsibilities of the Foundation by creating the Development Office. A second shift created "constituency-based" fund-raising programs.

Development employees contact potential donors, explain options and help them make donations.

Foundation workers "write the receipt" and handle the money. The two 15-member staffs work closely together—in fact are housed together in the fifth floor of Snell Hall—but are individual legal entities.

"Everything that we do as a development office, really, is to help stimulate gifts to the OSU Foundation, which will in turn benefit OSU," said

John Evey, director of the Development Office.

The Foundation "has the responsibility for accepting the gifts, for managing those gifts appropriately and then for disbursing the funds in one of two ways—either back to individuals in situations (trust arrangements) where the the Foundation has agreed to return income to individuals, or directly for program purposes at the University," Evey said.

"Most fundamentally, we're just talking about doing a better job of matching the programs at Oregon State with the donors who might be most interested in those programs."

John Evey

Constituency-based programs were initiated by placing University employees directly into colleges or programs with special needs, such as Kerr Library, to contact alumni or others with specific interests.

Approaching business graduates to ask for donations only for business programs, for instance, is a new concept in fund raising here. But donors have always earmarked their donations for specific uses, Evey said. The unrestricted pool of money available to the University president

doing," he added. "And perhaps for that reason we're never satisfied. There's a lot more we can do...and we're learning how to do that. We benefit from being part of the Pac-10 Conference. We learn a great deal from our colleagues at some schools, which are the most outstanding in the country in terms of fund-raising. Stanford University, for example, has been a leader for a number of years. And of course private institutions have been at

this for a long time compared to public institutions."

Financial return is important to donors, particularly if they will receive personal benefits from their gifts, as in the case of trusts or annuities. The OSU Foundation Endowment Fund, managed by Columbia Management Company of Portland, has had an annualized return of 16.3 percent for the past five years. It grew from \$10.3 million to \$35.3 million in that period, including \$8.9 million in new contributions.



LaSells Stewart Center, built with private donations, provides a home for conferences, city council meetings, experimental college classes, guest lecturers, and of course, concert artists.

has always been in the neighborhood of 10 percent, and half of that is generally in deferred gifts, leaving only five percent available for current, flexible use.

"Most fundamentally, we're just talking about doing a better job of matching the programs at Oregon State with the donors who might be most interested in those programs," Evey said.

"We have learned how to do a better job of helping people accomplish what they want to accomplish, not only in terms of gifts to Oregon State and not only in terms of the ultimate benefit to the University, but also in terms of providing income back to them—and in other ways making sure they're giving in the best possible ways for themselves," Evey said. "So we've really helped people make gifts they may not have initially thought they were capable of giving. That's helped increase the size of the gifts, certainly. And I think also there are just more and more people who have learned about the various mechanisms for giving to Oregon State."

"We tend to measure ourselves against what we feel our potential is instead of what someone else might be

"We felt that was very good," said John Irving, executive secretary for the Foundation. The return was good enough to place the Endowment at the 38th percentile compared to the Wilshire Median Fund, which averages the return of non-profit/educational money pools nationwide.

The Foundation Endowment performed at or above the median of other comparable endowment funds for four out of the past five years, according to Russ Kuhns and Associates of Portland. The firm reported the Endowment outperformed the median return of 15.9 percent in the same period.

"That just means our endowment managers have outperformed the averages," Irving said.

"Our investment objective is to provide the best return we can for our endowment for the benefit of the university," he said, adding that the investments have never been controversial. Several years ago the board of trustees considered the issue of investments in South Africa—an issue that sparked student sit-ins at universities across the nation—and developed a separate fund within the Foundation that is free of investments in that

country.

"That investment vehicle is available for those that have particular interest in that issue," Irving said. He does not recall any political complaints on that or other investment issues addressed to the trustees.

Accountability is another strong factor in earning donors' trust, he said. Donors want to know their gifts are managed well and their wishes carried out faithfully.

Irving feels the Foundation's accountability is reflected in "the quality of the individuals we've been able to attract to the board of trustees."

Evey added, "I guess another thing that is a very positive sign is the number of donors who are repeat donors—people who give or continue to give on a regular basis. Because I think that's a sign that they feel good about not only the way in which somebody works with them as the gift is put into place, but also the way the gift is managed, and of course the University program personnel involved with using that gift, or spending it. . . I believe that OSU Foundation donors feel very good about the stewardship of their gifts."

Donations of time are among the most highly valued. The Foundation provides an avenue for high-level volunteerism through the 81-member board of trustees. They provide guidance and oversight for the Foundation, for which they have fiduciary responsibility, as well as prestige and a kind of citizens' advisory panel for the development programs.

The rapid increase in donations in the past several years bodes well for a potential capital campaign. The feasibility of such a major fund-raising effort is being discussed on campus but no decisions—if, when or how such an undertaking would be started—have been made. Likely recipients of such a campaign would be major building projects, academic programs and other key University activities.

Typical gifts to the Foundation include cash, art, services, equipment or land. Past gifts have been as diverse as octopi for the Hatfield Marine Science Center, shoe-stitching machines, yachts, pig hearts and mink food. Some assets are managed and used for educational purposes such as the Harvey Ranch, and others are sold and the income invested for return to both the University and the donor.

About 40,000 gifts a year come in from roughly 30,000 donors.

"That's a fairly significant volume of activity. That's an indication there are lot of people who find higher education a worthwhile endeavor and a good place to make that kind of a gift," Evey said.

"I think they give for a number of reasons—most have a sincere desire to help make the world a better place and see the University as a way to do that—by helping to educate young people and also by helping to support research, the creation of new knowledge. I think they see the University as a good place to invest resources that they might have developed over a lifetime. . . People talk about the importance of tax consequences on charitable giving, but it's been my experience that the tax consequences don't generally determine if a gift is made. Someone has a genuine desire to make a difference."

Ellen Saunders

Club News

On Tues., May 15, all **Bay Area** Alumni are invited to attend the Club's annual alumni picnic, this year to be held at Haas Clubhouse in the Strawberry Canyon Recreation Area on the UC Berkeley campus. The fun begins at 6:30 p.m., so plan to join fellow OSU alumni, Alumni Director Don Wirth and other University representatives for

an enjoyable evening. Picnic announcements will be mailed soon. For more information contact Joanne Stormberg at (415) 443-8911 or Sue Wainwright at (415) 865-1041. If you would like to help with picnic activities, there will be a planning meeting at Sue Wainwright's on April 29th at 7 p.m. Contact Sue for further information about the meeting.

Colorado alumni interested in alumni activities should contact Bruce Whitaker at (303) 279-4846.

Lane County Club members hosted an OSU information night for prospective students the evening of April 18th. Look for a flyer with information on a May gathering for area alums. Contact Gary Young at 686-0346 for information on how to get involved with local alumni activities.

The OSU Alumni Association is organizing a club for **Hawaii** alums. A club announcement and survey were sent in late winter to all Hawaiian alumni, but if you would like additional information about joining the new Hawaii Club please contact the OSU Alumni Office at (503) 737-2351.

At its annual business meeting held at Ford's Theater, the OSU **National Capital Area** Alumni Club elected the following new officers: Barbara Cullicott, President; Max Clausen, vice president; Nancy Dahl, secretary/treasurer; Dennis Hunt, program chair; Richard deStwolinski, membership chair. Upcoming events include a dinner with Bill Wilkins, OSU dean of the College of Liberal Arts on May 31, and the second annual OSU/UO picnic and softball game in June. October will bring a second Oregon wine and cheese gathering. Information about these and other Club events will be mailed to capital area alums in the coming weeks.

On April 26th, the **Puget Sound** Alumni Club will host an informational night for prospective students at the Washington Athletic Club. Alumni will be on hand to help host the event. July 31 is the date scheduled for the Club's annual picnic, to be held this year at Lake Sammamish State Park. The May meeting will be at Sneakers, 567 Occidental S., beginning at 6 p.m. For more information contact Patti Claassen at (206) 284-7346.

Portland Young Alumni Club officers for 1990/91 are Dennis Brookshire, president; Gary Buskuhl, vice

president; Mike McKelvey, secretary; Diane Bailey, treasurer; and Roy Mosqueda, special events chair. Young Alumni Club meetings are held the first Tuesday of every month at OSU's Portland Center, 837 S.W. 1st in downtown Portland. Monthly socials are also held the last Friday of every month. Locations by date are: April 27, Blue Moon Tavern, 432 N.W. 21st Ave.; June 29, Paddy's Bar and Grill, 65 S.W. Yamhill St.; July 27, Cal's, 5310 S.W. Macadam. Other calendar events for May-Aug. include: May 19, 1st annual OSU Young Alums Auto Rally, 1:30 p.m., corner 16th and Weilder; July 21, 2nd Annual Wine Tour, 10:30 a.m., meet at corner parking lot by Friday's in Washington Square; Aug. 17, Suds and Dogs Picnic, 6 p.m., location TBA.

Silicon Valley alumni will host their annual picnic May 16 at Oak Meadows Park in Los Gatos, at 6:30 p.m. More information about the picnic can be obtained by contacting Jacqui Reed at (408) 265-7316 or Steve Merchant at (415) 948-9561.

The next club meeting of the **Southern California** Alumni Club will be May 2. Contact Sharon Mooers at (714) 730-6935 or Dee Bertelson at (213) 458-1035 for the location and time. A summer event is planned for August. Information will be mailed soon.

Hey, didn't you used to be on KBVR?

KBVR D Js,

Where are you? What are you?

Whether you're spinning platters or selling cars, call or write: Rob Chohan, KBVR-FM, MU East, OSU, Corvallis, 97331; 503/737-2008.

Alumni Calendar of Events:

April

- 20-21 NCAA Women's Gymnastics Championships, Corvallis.
- 21 Gymnastics team reunion, Corvallis
- 25 Executive Committee meeting, Salem.

May

- 1 Young Alumni Club meeting, Portland.
- 4-5 Mom's Weekend, Corvallis.
- 11-12 Spring term board meeting, Corvallis.
- 12 E.B. Lemon Award luncheon, Corvallis.
- 15-28 Alumni Travel—Dutch Waterways.
- 15 Alumni/Friends picnic, Berkeley, Calif. 6:30 p.m., Haas Clubhouse, Strawberry Canyon Recreation Area, UC-Berkeley campus.
- 16 Alumni/Friends picnic, San Jose, Calif. 6:30 p.m., Oak Meadows Park.
- 19 First annual OSU Young Alums Auto Rally, 1:30 p.m., corner 16th and Weilder, Portland.

June

- 1-3 Class of 1940 reunion, Corvallis.
- 1-3 Class of 1935 reunion, Corvallis.
- 2 Class of 1930 reunion, Corvallis.
- 2 Golden Jubilee luncheon, Corvallis.
- 5 Young Alumni Club meeting, Portland.
- 7 Alumni/Friends picnic, Boise. 6 p.m., Julia Davis Park.
- 10 Commencement.
- 14-26 Alumni Travel—Jewel of the Alps.
- 19 Alumni/Friends picnic, Pendleton. 6 p.m. Columbia Basin Ag Research Center.
- 20 Executive Committee meeting, Salem.
- 20 Alumni/Friends picnic, Baker City, Ore. 6 p.m., location TBA.
- 21 Alumni/Friends picnic, Yakima, Wash. 6 p.m., Sportsman State Park shelter No. 2.

July

- 3 Young Alumni Club meeting, Portland.
- 10 Alumni/Friends picnic, Salem. 6 p.m., Cascade Gateway Park, Bluegill A and B.
- 17 Alumni/Friends picnic, Corvallis. 6 p.m., Avery Park Lions shelter.
- 20-Aug. 2 Alumni Travel—Passage of the Czars
- 21 Second Annual Wine Tour. (Portland area—details in Club News)
- 31 Alumni/Friends picnic, Seattle. 6:30 p.m., Lake Sammamish State Park.

August

- 2 Alumni/Friends picnic, Eugene. 6 p.m., Alton Baker Park.
- 7 Young Alumni Club meeting, Portland.

September

- 4 Young Alumni Club meeting, Portland.
- 14-15 Fall term board meeting, Corvallis.

Oregon State University REUNION 1990 Schedule



The annual Golden Jubilee Luncheon is Saturday, June 2, 1990. At this time, the **Class of 1940** will be inducted into the Golden Jubilee Association. The Classes of **1915, 1920, 1925, 1930 and 1935** will also be honored.

Remember, all OSU alumni who have been out of school 50 years or more are invited to join their fellow alumni at the luncheon.

Other Class Reunion activities will be held over the weekend for the classes of **1930, 1935 and 1940**.

Coming this Fall

Reunions for the classes of **1950 & 1960** will be October 12-13, 1990 (Band Day). *Don't miss* all of the reunion activities or the chance to cheer the Beavers on to a victory over Arizona.

The classes of **1965 & 1980** will hold their reunions October 19-20, 1990. (Homecoming with the Beavers playing Washington State University.) *Make plans now* for a great reunion.

If you do not receive further details and wish to attend, please notify the OSU Alumni Office, Memorial Union 103, Corvallis, OR 97331-5003. Phone (503) 737-2351

Foundation Fundamentals

It certainly satisfies all of us associated with the giving programs at Oregon State University, staff and volunteers alike, to witness the strong growth in contributions, revenues and assets of the OSU Foundation. Clearly, those figures are meaningful indicators of how much OSU alumni and friends value their University, and just how important private gifts have become in improving OSU programs. State General Fund dollars cover only about 35 percent of the University's annual operating budget.

For me, however, the most rewarding aspect of this job is not the numbers, but rather finding the best ways for donors to contribute so that their gifts truly make a difference for OSU, while at the same time helping them reach personal goals. It is truly pleasurable to be able to help people help Oregon State while helping themselves. That may seem improbable, but it is frequently possible with gifts of appreciated assets.

Many of you know Jim Dunn, the retired director of the OSU Foundation and the Office of Development. The story in this column is a tribute to his efforts more than ten years ago to find a way that Courtney and Dotty Benedict could make a gift, and at the same time retain their farm for the remainder of their lives.

What the Benedicts did was make a charitable gift of their 39.5 acres of Douglas County farm land while retaining the right to stay in their home for as long as either lived. In return, they received a partial contribution deduction in the year that agreement was signed, and the OSU Foundation assumed management responsibility for the property.

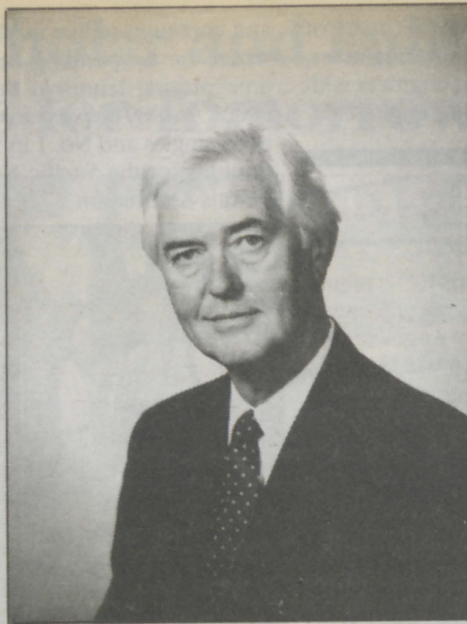
Courtney and Dotty are gone now, but the gift they made will be remembered long after all of us have ended our careers at OSU, for the action they took a decade ago has now led to the sale of their farm. The proceeds have been used as they specified—to create two endowment funds, the earnings from which will annually benefit the College of Veterinary Medicine and the Department of Chemistry in the College of Science. Each fund is now valued at \$137,500.

Like the Benedicts, many friends of Oregon State are in a position to meet their own needs during their lifetimes through charitable giving—whether their goals are to lessen management responsibility, retain lifetime residency or increase retirement income—and at the same time take pleasure in the knowledge that they are helping to create a brighter future for their University.

We feel indeed fortunate that Joe Skehen, an experienced and thoughtful development professional much as Jim was, has joined us at OSU to focus full time on assisting donors who might like to take advantage of such opportunities. He'd be pleased to help you find the best way to realize your goals while enhancing the future of your University. Give us a call at (503) 737-4218.

John M. Evey
Director of Development

Did you know that the youngest member of the OSU Presidents Club is a sophomore at OSU, class of 1992?



Joseph W. Skehen

New Director Joins Development Office

Joseph W. Skehen joined the staff of the Office of Development in mid-March as Director of Charitable Estate Planning.

Skehen came to Oregon State University from the University of New Mexico Foundation.

While at New Mexico, Skehen served as both Director of Development and Director of Deferred Giving. During his four-year tenure, total annual giving contributions grew from \$8.9 million to \$10.9 million. Planned gifts increased from \$911,863 to \$3.1 million.

Skehen also has development experience at Northern Michigan University in Marquette, Mich. and at the University of Illinois Foundation and the University of Illinois YMCA in Urbana, Ill.

As director of Charitable Estate Planning at OSU, Skehen will be responsible for developing and overseeing a planned giving (also called deferred giving) program. He will assist donors in making planned gifts to the OSU Foundation to benefit Oregon State. Bequests are the most common type of planned gift. Others are life insurance and life income agreements. Skehen will provide technical assistance as needed to fund raisers in the various colleges and units as they work with donors who wish to make planned gifts. He will also work with the OSU Foundation's Charitable Estate Planning Committee to develop and implement his programs.

Hello, OSU calling Alumni Answer with More Dollars

As we approach the end of the 1989-90 fiscal year, total donor and dollar figures are up over last year. Through March 31, 1990 more than 15,300 donors had given just over \$600,000 to the OSU Fund. Last year's totals for the same time period were 14,069 donors and \$510,000.

During April and May nearly 30,000 alumni will be asked to support their college or department. Gifts given to the colleges or departments do many things to improve the quality of education for students. Whether providing funds for scholarships, faculty support, or equipment purchases, the deans and department heads all know that alumni support makes a difference.

The OSU Fund owes a great deal of its success to the special assistance given by many volunteers. More than 500 students made telephone contacts for the Super Telefund last November. Lynn Davidson '90, graduating senior from Redmond, chaired the event that brought in nearly \$180,000 in pledges. The Super Telefund, organized by the OSU Student Foundation, has raised more than \$1 million since 1981.

Also this year, more than 100 alumni volunteers helped with regional telefunds in 15 West Coast cities.

The OSU Fund staff receives valuable advice from the OSU Fund Advisory Committee, made up of 14 alumni volunteer members. Kathy Kennedy Ellis, '63, of Portland, serves as chair.

In order to continue its successful pace toward a strong fiscal year end, the annual giving program will depend on alumni honoring their earlier pledges and responding to the current college or department annual appeal.

Library Meets \$75,000 Challenge

With tremendous community support, the Hatfield Marine Science Center Friends of the Library sailed past their goal to raise \$75,000 by March 31. The effort paid off with about \$20,000 more than organizers had hoped.

As reported in the February issue of the *Oregon Stater*, the Center received a \$75,000 challenge from an anonymous donor outside the Newport area in late December to raise an additional \$75,000 to help furnish its new library.

The total goal for the HMSC Friends was \$250,000, of which \$100,000 had been pledged or contributed prior to the challenge.

Barry Fisher, local fisherman and member of the HMSC Friends who had already given \$10,000 to the effort, kicked off the campaign with an additional \$10,000 pledge.

The funds will buy chairs, tables, book stacks, computer terminals and other necessary furnishings for the new library. The new facility's construction price tag did not include furnishings and equipment.

"Going over the top is great for two reasons," said Janet Webster, HMSC acting librarian. "First, we can com-

pletely furnish and equip the library. Second, the additional funds will give us the opportunity to stay abreast of changing technology in the coming years."

"We also had an outstanding group of volunteers seeking contributions to support this project," she added. "One in particular—Ellen Campbell—stands out. She didn't hesitate to call on anybody." An active community member and avid supporter of the center, Campbell spearheaded the fund-raising drive in the Newport community.

"The local media helped us carry our message to the community," Webster continued. "The radio station, newspaper and cable TV station all supported our effort."

The Center received contributions from several major donors as well as from local businesses, school groups and HMSC staff members.

"It is gratifying to know that people in the Newport and Lincoln City areas support the research and educational efforts of the Center," concluded Webster. "They recognize that the library is vital to the Center's activities and that the Center itself is unique."

"There is no question that the new library is already making a difference for the Center and for OSU," said Lavern Weber, the Center's director.

"For example, it was a main attraction in helping us recruit a top scientist to be the first holder of the Wayne and Gladys Valley Chair in Marine Science.

"It is also a focal point for integrating the diverse groups we have housed at the Center," added Weber, "which reflects Marilyn Guin's feelings about the purpose of the facility." Guin served 14 years as HMSC librarian until her death last December. She was the major force behind building the facility.

"It is gratifying to see her vision come to fruition. I know she would be pleased."

Four Questions

- Do you have a will?
- Does it name every person and favorite charity you would like to benefit?
- Have you revised your will recently to meet your changing needs and goals?
- Was your will carefully prepared with the assistance of a qualified attorney?

If you answered 'no' to any of these questions, "What to Tell Your Attorney About Your Will" may help you. To receive a complimentary copy, please call Joe Skehen, Director of Charitable Estate Planning, at (503) 737-4218 or send him the coupon below.

Clip and mail to:

Joseph W. Skehen
Director of Charitable Estate Planning
Office of Development
Snell Hall 517
Oregon State University
Corvallis, OR 97331-1650

Please send me a complimentary copy of "What to Tell Your Attorney About Your Will."

Name _____

Address _____

City/State/Zip _____

Phone () _____

NEWS FROM CLASSMATES & FRIENDS

'20s

Retired OSU professor **Harold Vinyard**, '24, lives in Albany and took a cruise through the West Indies last year as well as a boat ride up the Amazon River to the middle of Brazil. He is currently planning a trip to Australia.



Cathrine Davis Feikert, '28, of Corvallis received a gift and special recognition at the 75th anniversary luncheon held in February by Chi Chapter of Alpha Chi Omega.

Grant Chandler, '29, and his wife recently sold their home in Hillsboro and moved to The Elms Retirement Home in Forest Grove.

'30s

Chi Chapter of Alpha Chi Omega, the first sorority on the OSU campus, celebrated 75 years of existence in February at Nendel's in Corvallis. **Annabelle Grant Parsons**, '32, of Seattle, Wash., sent in the names of those alumna attending. They were: **Cathrine Davis Feikert**, '28, of Corvallis; **Geraldine Sall McClellan**, '46 of Corvallis; **Carol Larsen Farnes**, '60, of Corvallis; **Judy Ellis Fletcher**, '65, of Portland; **Barbara Steinfeld Furer**, '65, of Salem; **Susan Lindsley Greenwood**, '65, of Vancouver, Wash.; **Sharon Ransom Reid**, '62, of Albany; **Kathryn Hutton Bork**, '62, of Oregon City; **Marilyn Ball Kroening**, '65, of Albany; and **Parsons**.

Ralph Edgar Grimes, '32, who lives in Seattle and is retired from Equitable Insurance Company, has six grandchildren including triplet grandsons, 4 1/2 years old.

Amy Aldrich Bedford, '33, makes her home in Pendleton and is a corporate secretary for the East Oregonian Publishing Company. She was awarded the March of Dimes White Rose Award last May.

Robert Raymond Pierce, '33, president of Pierce Cormat Services, Inc., has formed a consulting corporation in Waverly, Ohio. Among the many awards he has are Marquis Who's Who in the World, Marquis Who's Who in America and Marquis Who's Who in Frontiers of Science and Technology.

Lloyd E. Stevenson, '35, writes that he is glad to be out of the hospital and recovering after a long bout of illness. He lives in Springfield.

Sue Stanbery Sanders, '37, of Fairfield, Ala., retired from the University of Alabama Medical School in Birmingham ten years ago and says, "The training I received at OSU in scientific research was excellent and invaluable when I returned to research after 20 years absence."

Gordon E. "Gene" Tower, '38, who was associated with the Oregon Forest Products Laboratory and served as president of the National Particle Board Association, was recently honored as a new member of the Composition Board Hall of Fame. He also worked for such firms as American Forest Products Corp., International Paper Co., U. S. Plywood and Potlatch Forests.

R. Imrie Conn, '39, and his wife, **Mona Sehl Conn**, '39, were

honored in December by their three sons and their families at a 50th wedding anniversary party held at the Los Gatos Swim & Racquet Club.

'40s

Arnold K. Harrang, '40, is retired and living in Medford where he does some appraisal work.

Margaret Parman Wright, '41, chairman of the board for M. Smith Ranch Inc., in Fossil, was recently appointed to the Oregon Government Ethics Commission.

William W. Britton, '45, has started his own company, Hydrotech Microsystems, specializing in supporting water resource engineers using the Macintosh personal computer.

Gail S. Collins, '45, lives in Astoria where she serves as chairman of the Clatsop County Mental Health Council and the Oregon State Commercial Fishery Permit Board. She also volunteers for the Clatsop County Historical Society, Chamber of Commerce and the Red Cross Blood Bank.

Catherine Cary DeJoseph, '46, and her husband, Paul, of South Pasadena, Calif., are busy making travel plans for trips to Greece, Turkey, Italy, New Zealand and Australia.

George E. Duvall, '46, professor emeritus of physics at WSU in Pullman, was honored by the American Physical Society when he was awarded the society's Shock Compression Science Award at this year's 6th APS Topical Conference on Shock Waves in Condensed Matter.

Robert H. Carlson, '47, employed by Aramco in Saudi Arabia, is planning a round-the-world trip with his wife.

After spending 31 years at Boeing Company in Seattle in engineering operations in different aerospace programs, **R. S. Freidenrich**, '48, retired in 1988 and is enjoying traveling.

Members of the Class of 1949 from Kappa Alpha Theta enjoyed a visit to the chapter house during the Class of '49 reunion last October. They included **Sally Mcready Wallace**, **Mary Arrowsmith Sharp**, **Pat Edwards Flemming**, **Phyllis Johnson Mathews**, **Shirley Gibson Mills**, **Malvena Evenson Allen**, **Gene Mathews Peckham**, and **Bobbie Wollum Hall**.

William Lee "Bill" Austin, '49, retired in 1988 and is now living in LaMesa, Calif. He spent seven years as a player with the N. Y. Giants, two years in the Korean War, and 27 years coaching in the N.F.L. including head coach of the Pittsburgh Steelers and the Washington Redskins.

Dr. Robert Lee, '49, is now director of the Tokyo Mission Research Institute at the Tokyo Biblical Seminary in Japan.

James D. Nordahl, '49, and his wife, **Janet Decoto Nordahl**, '45, report that they had a wonderful trip during September and October spending a month in the USSR and two weeks in Bulgaria, Romania, Yugoslavia, Hungary and Czechoslovakia.



Richard S. Nichols, '49, of Corvallis took office on Jan. 1 as vice president of educational

activities for The Institute of Electrical and Electronics Engineers, Inc. He is a principal engineer with CH2M-Hill Consulting Engineers.

'50s

H. J. Scharschmidt, '51, retired in February after working 23 years for the City of Los Angeles as a landscape architect. He and his family have moved to Sequim, Wash.

Tom Andrews, '52, and his wife, **Norma Miller Andrews**, '52, have sold their business in Nevada and are now spending part of the year in the Napa Valley and the rest of the time in Ensenada, Baja California.

Carol Creswell, '52, who operates a cow-calf operation with her husband and son west of Klamath Falls, was recently elected president of the 130-member Klamath County CowBelles.

A CPA from Lake Oswego, **Richard E. Goff**, '53, has been awarded the 1989 Public Service Award for outstanding commitment to public service in his community by the American Institute of Certified Public Accountants.

Marilyn Paul Ehrke, '53, and her husband are doing a lot of traveling around the world now that he is retired from the Chevron Corporation.

Donald Wimer, '53, of Albany was installed in February as president of the 3,200-member Oregon Logging Congress, succeeding **Larry Christiansen**, '51, of Corvallis. Wimer, who is married to the former **Marilyn Renn**, '54, also serves on the board of Pacific Logging Congress.

Dr. Jesse F. Bone, '53, is retired from the OSU faculty, and he and his wife, **Felizitas Endter Bone**, '64, spend half the year in the Caribbean area and the other half in Arizona.

Dr. Margaret "Peg" Robb, '54, is retired as associate dean of the College of Arts and Sciences at the University of Rhode Island and now lives in the Maple Valley area of central Washington.



Robert J. Bell, '54, went to work for the Idaho Fish and Game Department in 1954 and was promoted to regional fishery manager at Jerome where he served until his recent retirement.

James B. Ball, '54, director of the Physics Division at the Oak Ridge National Laboratory in Oak Ridge, Tenn., has been elected vice president of the Division of Nuclear Physics of the American Physical Society.

Presently on the staff of the School of Applied Theology at the Graduate Theological Union in Berkeley, Calif., is **Janice Clarke Shaw**, '54.

Diane Lund Frandsen, '56, of Missoula, Mont., works with stock market investments and also as a secretary at Express Temporary Services. Her husband recently received a Ph.D. in forestry at the University of Montana.

Richard O. Johnson, '56, says he is looking forward to traveling and doing other "retirement" things since he retired as a senior timber cruiser for Roseburg Forest Products after 23 years there.

After 31 years of teaching secondary education and coaching, **Jerry D. Crimins**, '57, is retired

and continues to live in Milwaukie where he is spending his leisure time playing tennis in the senior circuit. In 1989 he was ranked No. 1 in 55 singles and No. 1 in 50 men's doubles for the Pacific Northwest Tennis Association.



Sally Helser Brandes, '55, sent a picture of their family "mini-reunion" held last September in the Cappadocia Region of Turkey. Left to right are **Gene Helser**, '59, **Brandes** and **Keith Helser**, '70. Brandes and her husband moved in March from Turkey to Downey, Calif.

Robert Bauer, '57, lives in Portland where he is employed at Peterson Industrial Products Inc.

The U.S. Fish and Wildlife Service recently named **James W. Warren**, '57, as one of its 1989 top ten managers singled out for national recognition for "unusually outstanding performance." He is Portland's regional fish health manager and has been in that office since 1983.

George Schmidt, '57, of El Sobante, Calif., is a retired Pacific Gas & Electric Company department chief and has served on the El Sobrante Valley Planning and Zoning Committee.

Jack L. Smith, '58, is employed in the real estate sales business in Everett, Wash.

Riedel International Inc. has announced the promotion of **Robert McGary**, '59, to group vice president in Portland.

Frederick R. LaBar, '59, is in his third year of retirement from the U.S. Forest Service. He has been planning his family's "dream house" to be built next summer in Emmis, Mont.

Byron Walls, '59, after a productive singing, acting and songwriting career in other parts of the country, has returned to Oregon where he is involved with Informance Productions in Portland.

'60

Victoria Van Vliet Vaitkunas of Edmonton, Alberta, is the Canadian president of the Society for American Wines and was appointed to the Northern Alberta Institute of Technology Board of Governors. She is also on the board of directors for the N.A.I.T. Foundation and the Alberta Architectural Foundation.

Dr. John B. Bourke, professor of chemistry in the department of food science and technology at the NYS Agricultural Experiment Station and director of the station's Analytical Laboratories, retired Jan. 31. He and his wife, **Virginia Bourke**, live in Newark, N.Y.

Philip E. Wilbur of Buda, Texas, writes, "Keep up the good work OSU has always accomplished!"

'61

Brian Thomas is a research administrator at Puget Sound Power and Light Company in Issaquah, Wash., and recently retired with the rank of captain after 22 years in the U. S. Coast Guard Reserve.

Ruth Mary Robb Haefler lives in Boise, Idaho, where she is administrator, therapist and teacher

'62

Donavin Leckenby works as a wildlife researcher for the Oregon Department of Fish and Wildlife in LaGrande and is considered the top expert on deer and elk biology in the state.

Harvey Chan recently returned from La Paz, Bolivia where he served as a volunteer with the International Executive Service Corps. Dr. Chan is a research food technologist for the USDA Agricultural Research Service in Hilo, Hawaii.

'63

Harry L. Demorest, certified public accountant and managing partner of Arthur Andersen & Company's Portland office, is serving as chairman of the Portland Development Commission.

Rev. **William R. McCarthy**, rector of the Episcopal Church of the Good Samaritan in Corvallis, has been appointed to Good Samaritan Hospital's board of directors.

Gail L. McCarty and his wife have moved to Adams and recently purchased Round-Up Ranch Supply, a retail livestock feed and supply center, at Milton-Freewater. They are involved with 4-H, FFA and junior livestock show activities.

'64

Director of Western Oregon Timberlands, Weyerhaeuser Company's Oregon Division, is **James L. Rombach**. He lives in Springfield.

'65

Zelma Reed Long is president of the Simi Winery in Healdsburg, Calif., and was recipient of a "winemaker of the year" award from the American Institute of Wine and Food last October.

Co-owner with her husband of the Linn County Tractor Co., State Rep. **Carolyn Oakley** also represented the 36th District in the 1989 State Legislature. They live in North Albany.

Steven A. Schmokel lives in Kennewick, Wash., and works as a captain for the United Express Airline in Pasco.

Earl Ferguson of Klamath Falls resigned in September as local superintendent of schools and plans to run on the Democratic ticket for state representative in District 53.

Dr. Donald J. Ricks, professor and extension marketing economist in the Department of Agricultural Economics at MSU in East Lansing, Mich., has recently been presented four awards: The National Cherry Industry's "Cherry Industry Man of the Year Award," an award from the Michigan Cherry Committee; "Outstanding Extension Specialist Award" from MSU; and a second award from MSU extension administration for "dedicated leadership and assistance to the state's fruit industry."

Living in Berlin, Germany, is **Donald E. Wright**, who is a captain for Pan American Airways. He is secretary-treasurer of the master executive council of the Airline Pilots Association and edits their magazine, "Contrails."

Receiving his Ph.D. from WSU in higher education administration last May was **Dr. John E. Miller**, who is currently working as university industrial hygienist and

occupational health supervisor at WSU in Pullman. Mrs. Miller is the former **Miriam Azevedo**, '66.

'66

Portland resident **Chris Keylock Williams** is a watercolor artist who recently completed a two-year term as president of the Watercolor Society of Oregon. She has won first place at the Lake Oswego Festival of the Arts and at the Watercolor Society of Oregon shows.

Stephen G. Turner works for Automatic Data Processing Inc., in Portland and recently completed a tour of Austria, West Germany, Yugoslavia, Greece, Turkey, Bulgaria, Romania and Hungary.

Dr. **Roy N. Nishimoto** is the new acting director of Hawaiian Institute of Tropical Agriculture and Human Resources, USDA. He was formerly chairman of the department of horticulture at the University of Hawaii.

'67

Clyde Hamstreet, president of Clyde A. Hamstreet & Company and Yaquina Development Corporation in Newport, was recently appointed to the newly-created Oregon Housing, Educational and Cultural Facilities Authority by State Treasurer Tony Meeker. **Rhonda Hamstreet**, '70, is owner/manager of Embarcadero Dock, Ltd.

Lt. Col. **Dennis R. Downing** is employed as hospital administrator at TFW Hospital at Torrejon AB, Spain.

Dr. **Greg Jacob**, associate professor of English at Pacific University in Forest Grove, was selected for a Fulbright fellowship allowing him to teach and lecture in India for the 1990-91 academic year. He will join the faculty of Madurai-Kamuraj University in India next fall as a result of the federally-funded program of international academic exchange.

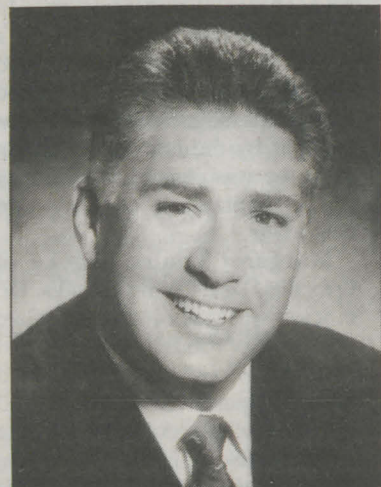
'68

James S. Nichols Jr. recently retired from the U.S. Navy and is pursuing an MBA at Old Dominion University in Norfolk, Va.

A resident of Gresham, **Donald E. Sheets** is a partner and vice president of operations for the P & C Construction Company.

Girard D. Liberty recently moved from Rhode Island to Andover, Mass., when he accepted a position as director of management information services with H. P. Hood in Boston.

'69



Lee W. Jamison, formerly national sales manager at KMEL Radio Station in San Francisco, has been promoted to general sales manager. He joined KMEL in 1983.

Gary L. Hall has been named manager of the new Interlox America chemical plant built in Longview, Wash. The plant, which will produce 45 million pounds of hydrogen



Three Beaver graduates are currently stationed together at Luke AFB in Phoenix, Ariz., and flying the F-16C Fighting Falcon as instructor pilots. They are (left to right) Lt. Col. **Steve Wall**, '70, Lt. Col. **Mac McGraw**, '75, and Lt. Col. **John Chambers**, '69. Wall and Chambers will soon be retiring from the Air Force and have been hired by major airlines, and McGraw will remain on active duty while pursuing an assignment to the F-16 Oregon Air National Guard unit at Klamath Falls.

peroxide each year, is expected to be operating by the end of 1989.

Thomas R. LeRoux opened his own law office last fall in Daly City, Calif., specializing in the areas of tax and estate planning.

Barbara Woodworth Saigo of Cedar Falls, Iowa, was recently elected member-at-large to the Council of the American Institute of Biological Sciences. She is married to Dr. **Roy H. Saigo**, '67.

Corvallis dentist **William Scott Ten Pas** has been appointed by Gov. Neil Goldschmidt to the Public Health Advisory Board. He has served on the board of directors for the Good Samaritan Hospital Foundation and as chairman of the Corvallis 509J School District Facilities Task Force.

Toby Fraser is working as assistant manager/resident manager of the Weigh West Marine Resort in Tofino, British Columbia.

James D. Huegli, who was a partner with Schwabe, Williamson & Wyatt for 17 years, is now a self-employed attorney in Portland specializing in plaintiff's malpractice, personal injury and sexual abuse.

'70

Molly Hoover, owner and president of M. Hoover & Associates Automotive Marketing, operates her fast-growing international firm from Portland. She is an authority on automotive marketing strategies targeted to women buyers.

'71

Patricia McDougall of Federal Way, Wash., participated in the first National 4-H Clothing & Textiles Volunteer Forum last October at the National 4-H Center in Chevy Chase, Md. This helped her plan and conduct Super Saturday, a county-wide 4-H workshop for leaders and 4-Hers held in February.

Darlene R. Raish lives in Stuttgart, West Germany, and was recently promoted to chief of the Community Recreation Center branch.

'72

Peter Vennwitz is employed as an administrator of family planning for the State of Washington in Olympia.

Ronald J. Howard is president of Ivy Hi-Lift Company, a rental and sales service of scaffolding forklifts. He and his wife have four sons.

Laydee Sundin Grainger was recently appointed a new member of the Oregon State Committee of the USDA Agricultural Stabilization and Conservation Service.

Barbara M. Trohimovich of Del Mar, Calif., has been promoted to

product manager of drug delivery systems for the IVAC Corporation in San Diego.



Paul T. Oester, OSU Extension staff chairman for Union County, received the Achievement Award from the National Association of County Agricultural Agents at its annual meeting held last summer in New Jersey.

'73

Leo Kowalski of the Standard Insurance Company was named Salem Agent of the Year by the Salem Life Underwriters Association and Oregon Agent of the Year by the Oregon Life Underwriters Association for 1989.

A practicing pediatric dentist in Salem, Dr. **Richard W. Rowell** has been elected president of the Oregon Academy of Pediatric Dentistry.

David Morton lives in Dixon, Calif., and works as a corrections counselor at the California Medical Facility in Vacaville. He also serves on the Dixon Parks and Recreation Commission.

Barbara Finday Schenck and her husband are co-owners of Mandala Communications in Bend. Barbara serves as chairman of the firm, and her husband is president. They live at Woodside Ranch near Bend.

Now director of sales and marketing for Covey Run Winery is **Mary J. Willard** of Seattle, Wash.

'74

Marvin W. Weiss, former president of Northeastern Junior College, became president of Columbia Basin College in Kennewick, Wash., on Feb. 1, 1988.

Mary Knapp Terzenbach works for Agripac as the quality assurance manager. She and her lawyer husband have three children and live in Eugene.

Working as a farmer and a partner of Scharf Brothers Farms in Amity is **Jay Brian Scharf**.

Timothy A. Curry is now manager of the computer center for the U. S. Seventh Fleet in Yokosuka, Japan.

'75

Now living in Jasper, Tenn., **Jeanie Adams Polehn** obtained a M.S. in health physics from Georgia Institute of Technology in 1988, and her husband, **Richard A. Polehn**, '76, was awarded a M.S. in mechanical engineering at the University of Tennessee at Chattanooga in 1989.

Jerry Gross, manager and part-owner of Drake's 7 Dees Nursery in Portland, was recently named Retailer of the Year by the Oregon Association of Nurserymen.

Rosemary Case Riggs, who is animal facility manager at the National Institutes of Health in Bethesda, Md., received the American Association for Laboratory Animal Science Research Award in 1978 and the 1986 Purina Mills Animal Technician Award. She would like to hear from friends and classmates at 1583 Carey Place, Frederick, Md. 21701.

Working as senior vice president in sales for Microware Distributors Inc., is **Robb G. Cason** of Portland. He and his two partners, **Rick Terrell**, '67, and **Mike Terrell**, '75, started the business in 1979 and have built it up to seven offices across the country with 250 employees.

Yumiko Ozeki Brush is a computing assistant in the genetics laboratory, department of biochemistry, University of Oxford in England, and is also an executive officer in the human gene mapping workshop at the Imperial Cancer Research Fund Laboratories in London. Her husband, **Gerry Brush**, '76, works in computing and research in human biology in Oxford.

Corvallis resident **David A. Gilbert** has been named vice president of Harding Fletcher Company, mortgage bankers and real estate consultants of Lake Oswego.

'76

Lorraine A. Williams of Portland is working on her Ph.D. in archaeology in the Yucatan Peninsula, Mexico.

Yoichi Shimemura is associate professor of American studies at Kansai Junior College of Foreign Studies in Takatsuki City, Osaka, Japan.

Applications engineer **Martin Russell Akerman** is working for Applied Microsystems Inc., in Redmond, Wash.

Jeff Andrews has been named general manager of Corvallis Disposal Company in Corvallis. He also manages Albany-Lebanon Sanitation Company and Source Recycling in Albany.

Marlene O'Rourke of LaGrande is marketing greeting cards in her new business, Lipsync. She and her husband have two sons.

S. Craig Ely is the new wildlife biologist for the Northwest Region of the Department of Fish & Wildlife. He and his wife, **Barbara Walling Ely**, '76, reside in LaGrande.

'77



Ann Hesse Price, a free-lance writer in Seattle, is serving a two-

year term as editor of "Stepping Stones," the national professional development newsletter for Home Economists in Business. Last fall she appeared on Seattle's KIRO-TV News at Noon representing the New York-based Sewing Fashion Council and presented quick-to-sew Halloween costumes.

Terry Dallas lives in Pendleton and is a bookstore owner and seller at Armchair Books.

Recently appointed assistant vice president of Capital Guaranty Corporation was **Paul J. Grad** of Novato, Calif.

'78

Paul Folz lives in Salem and is vice president and manager of the Salem branch of West One Bank.

Recently named a partner in the Los Angeles County consulting practice of Ernst & Young was **Kevin Fleming**, who will provide management consulting services to the firm's commercial banking and savings and loan clients.

Lt. **Walter Fred Lundin** transferred into the U.S. Naval Reserve and now works for FHP International as a construction manager in El Toro, Calif.

Harvey Coleman Scott is a product engineering manager at ADIC in Lynnwood, Wash.

Working as a trustee for the Gibbet Hill Foundation in Chicago, Ill., is **Richard Strachan**.

Dr. **Erik Stromberg** of Virginia Tech's College of Agriculture and Life Sciences has been named the new vice president and president-elect of a region of the American Phytopathological Society. He is an associate professor in the plant pathology, physiology and weed science department and a member of the corn research group.

'79

Thomas Eriksen has joined the law firm of Landerholm, Memovich, Lansverk & Whitesides Inc., in Vancouver, Wash.

Carla Fletcher Jochim is currently a corporate account executive at Cellular I in Portland.

Now working as a geologist in the Bay area is **Diane Schaaf Smith**, who lives in Redlands, Calif.

Dr. **Jonathan W. Pote** is an associate professor of engineering at Mississippi State University, and his wife Dr. **Linda Wayland Pote**, '81, is an assistant professor of parasitology in the College of Veterinary Medicine at Mississippi State.

Now working for Tree Top Inc., in Selah, Wash., is **Nancy Smith Buck**, who is in-house legal counsel and risk and benefits manager.

Danny A. Nichols has been re-appointed as a member of the Oregon State Committee of the USDA Agricultural Stabilization and Conservation Service.

Dr. **Donald Thill**, a professor at the University of Idaho, has received the Outstanding Young Scientist Award from the Weed Science Society of America.

'80

Dr. **Carin Smith** is a relief veterinarian providing temporary services to hospitals in three states. She writes articles on pet and horse health care and lives in Albuquerque, N.M.

Gregg L. Bonacker, an aquaculture management specialist, works as production manager for the Paradise Bay Company in Port Townsend, Wash.

The first woman to qualify for work on a submarine at Puget Sound Naval Shipyard, in 1984, **Nancy Gould Laney** is currently a nuclear engineer there. She and her husband live in Port Orchard, Wash.

Edward David Houck of Idaho

Falls, Idaho, works for WINCO there, and reports that he has a new son, Edward, born May 28.



Kelli Breathouwer Newman has been named news and information manager in the Department of Public Affairs at Texas Children's Hospital in Houston. The hospital is located in the Texas Medical Center and is the primary pediatric affiliated hospital of Baylor College of Medicine.

'81

Army Staff Sgt. **Zachary C. Rogers** has arrived for duty in Italy where he is a satellite communications equipment repairman with the 59th Signal Company.

Linda S. Hull is manager of the marketing division of R-2 Scan Systems Inc., in Corona, Calif.



Natalie S. Barnes has been appointed head of public affairs for the Oregon Department of Insurance and Finance in Salem. Barnes had been Communications Section manager for the department since October 1989. She will also act as executive assistant to the Oregon Insurance Commissioner.

Working as an engineer for the Bureau of Land Management in Fairbanks, Alaska, is **Susan Marie Flora**.

'82

Dr. **Thomas Nordblom** lives in Modesto, Calif., and is an agricultural economist for ICARDA.

Hilary Hafner Main received a M.S. degree in chemical engineering from UCLA in 1988 and is now a senior air quality analyst for Sonoma Technology Inc., in Santa Rosa, Calif. She lives in Sebastopol, Calif.

Recently accepting a new position was **Donald S. Lew**, who is now director of pharmacy at CPC Fremont Hospital in Fremont, Calif.

Julie Greene Murphy has been working for Intel Corporation in Portland for the past five years. She and her husband have a three-year-old daughter, Amanda.

Patrick Harfst lives in Gilbert, Ariz., and works as a certified residential specialist for Realty Executives in Mesa.

Martin Cloe was recently married to Barbara Wood and is now working in Portland as a project manager for the Andersen Construction Company.

Cynthia A. Cummings is employed as an educational sales representative for Microsoft Corporation in Santa Clara, Calif.

'83

Working as a construction manager for Rand Construction Company in Auke Bay, Alaska, is **Randall J. Walling**.

Debra Schneider Latham is general manager for Radio for Peace International in Santa Ana, Costa Rica.

Robert C. Beauchemin is employed as a project engineer for the Grigsby Construction Company in Beaverton.

Tracy Willhite Draper lives in Seal Beach, Calif., and is co-owner of an environmental engineering company in Los Angeles.



Jim Galbraith, former marketing communications manager, has been promoted to marketing product manager at The Bank of Montecito in Santa Barbara, Calif.

'84

Now working as Southwestern Region sales manager for Atlas Cyclinders is **Mike Bauer** of Cerritas, Calif.

Linda Camden Bolton is employed as a systems engineer for E.D.S. in the Seattle area. She lives in Issaquah, Wash.

Daniel P. Dover lives in Beaverton and is a facsimile specialist for Automated Office Systems in Portland.

Army Capt. **Patrick D. McGowan** has arrived for duty as an operations officer with the 22nd Infantry at Fort Drum, N.Y.

Melissa J. Hughes is now a partner in her own typesetting and design business, The Wordsmith, in Seattle, Wash.

Andrea Berg Stoppani completed a master's degree in engineering management at Santa Clara University in March of 1989. Her husband, **Pete Stoppani**, is a software design engineer for Hewlett-Packard in Santa Clara, Calif.

Having graduated from the University of California with an MBA last May, **Lynn Denise Oka** is now living in Fremont, Calif., and working in a marketing position with Octel Communications.

Martha I. Turner is an assistant professor at Southern Oregon State College in Ashland and received the Outstanding Faculty Merit Award for the School of Education for 1988-89.

Capt. **Jaren R. Kiyokawa** completed undergraduate pilot training at Reese AFB in Lubbock, Texas, earning all four top awards in his class and has now reported to MacDill AFB, Tampa, Fla., flying F-16 fighter aircraft. His wife is the former **Kathy Edmunds**.

'85

Rich Jamieson resigned from the Marine Corps in February and is now employed as a financial consultant for John Hancock Financial Services. He won a bronze medal at the 1988 U.S. National Pistol Competition.

Julie Wilson Hackney lives in West Linn and is a supervisor for Senior Underswriters Insurance Co.

Lt. **Stephen D. Sarantakis** is currently assigned as the officer in charge of the Naval Gunfire School in Subic Bay, The Philippines.

'86

Shannon L. Daily is employed as an accountant at Good Samaritan Hospital in Portland.

Working for the Department of Parks and Recreation in Boise, Idaho, is **Sara Kay Ehlers**.

Caroline Slack is a management trainee at The Bon Marche in the Pony Village Mall at North Bend.

Laurie Carter Freeman is a marketing clerk for Chef Francisco in Eugene.

Daniel Todd Scroggin, Northwest regional manager of Bear Communications, was recently named the official supplier of radio communications for the 1990 Goodwill Games to be held in Seattle. He and his wife, **Megan McKenzie Scroggin**, '87, live in Issaquah, Wash.

Former Portlander Dr. **Pearl Spears Gray** is now assistant to the president of the University of Virginia.

'87

Erich Bauer lives in Beaverton and is in the accounting department of Consolidated Freightways.

Michael Lopez earned a master of arts degree from OSU in 1989 and has recently been hired as the defensive secondary coach at West Texas State University in Canyon, Texas. His wife is the former **Betsy Henley**.

Navy Ensign **Thomas S. Garrido** has been designated a U.S. flight officer at Mather AFB in Sacramento, Calif.

Michael P. Collins is employed as a science teacher at Gladstone High School and is also working on a master's degree at Portland State University.

Working as a wine distributor for the Valley Wine Company in Portland is **Bruce George Beyer**.

Robert G. Gerding is a computer programmer for Georgia Pacific Corporation in Portland.

Bartley Daniel Hendrix, a software test engineer, works as a project leader in application testing for Microsoft in Redmond, Wash.

Cheryl Wandling is employed as a pharmacist for PayLess Drugs in Portland.

'88

Therese C. Michel is working as space shuttle logistics originator for the Goddard Space Center in Mitchellville, Md.

Dean Witter Reynolds Inc., has announced the appointment of **Randall J. Collis** as an account executive in Eugene.

Patrick Ryan Murphy works as an industry analyst at Spectra-Physics in Eugene.

A resident of Milwaukie, **Tung Xuan Bui** is employed as an electrical engineer at U.S. West Communications in Portland.

Sherie Oka is a consultant for the Andersen Consulting Company, Arthur Andersen & Company, in Seattle, Wash.

'89

Army Second Lt. **Lenora Holcomb Kater** has arrived for duty at Fort Riley, Kan., and is a treatment platoon leader with the 701st Support Battalion. Her husband is Second Lt. **Dennis Kater**.

Barbara Wenke Capurso is living in Orchard Park, N.Y., where she is working at a nationwide graphic pre-press house and is working on a business degree.

MARRIAGES

Stan J. van de Wetering, '87, and **Andrea Tara Glass**, '88; Feb. 3 in Corvallis.

Gregory Allen Waggoner, '85, and **Lisa Joy Maniatis**; Sept. 2 in Martinez, Calif.

Robert Scott Wickwire, '84, and **Julie Anne Rusch**, '85; Oct. 7 in Portland.

Ricardo Patricio Linares, '88, and **Laura Lynn Keim**, '88; Sept. 18 in Corvallis.

Anthony John Rothengass, '84, and **Rhonda Gail Looney**, '83; Sept. 30 in Albany.

William Joseph Linz and **Sandi Gail Jernagan**, '84; Sept. 16 in Dallas, Texas.

Darren Layne and **Donna Boyd**, '88; Aug. 18 in Bend.

Paul M. Bartlett, '87, and **Gail Ann Stewart**; Sept. 16 in Woodburn.

Lawrence Andrews Jr., '84, and **DeAnna Doyle**; Aug. 12 in San Francisco.

Terry McCarron and **Lori Michelle Ferrin**, '82; Aug. 26 in Monmouth.

Kevin Lee Larson and **Leslie Elizabeth Gill**, '87; Sept. 17 in Redmond.

Jack Charles Gilbert and **Therese Marie DeCan**, '85; July 9 in Dorset, Vt.

IN MEMORIAM



Robert Stephen Thompson, '33, of Wilsonville; Dec. 31 in Wilsonville. Thompson was a retired Heppner rancher, an early director of the Northwest Livestock Production Credit Association, and was named Morrow County Cattleman of the Year in 1953.

Arnold Meier, '23, of San Francisco; Dec. 31 in San Francisco. Meier was a prominent food broker in the Bay area, a past president of the Sequoia Club and member of many choral groups, and was a member of the OSU President's Club.

Mary Rawlings Sullivan, '23, of Portland; Jan. 18 in Portland. She was affiliated with KAT.

Mary Sims Durnin, '24, of Phoenix, Ariz.; Mar. 3 in Phoenix.

H. L. P. Leadbetter, '24, of Portland; October in Portland.

John M. Bowersox, '25, of Daly City, Calif.; Dec. 21, 1988 in Daly City.

Victor L. Bump, '25, of Newport; Feb. 4 in Newport.

Alice E. Morris, '26, of Seattle; Dec. 16 in Seattle.

Margaret Pratt Blackmore, '27, of Vancouver, Wash.; April 20, 1989 in Vancouver.

Marie Christiansen Odgers, '27, of Sacramento, Calif.; October in Sacramento.

Adrian C. Bechdolt, '28, of Pendleton; Jan. 20 in Pendleton.

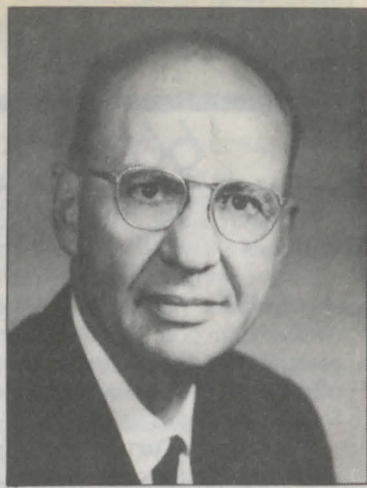
Bessie Hardenburger Lund, '28, of San Mateo, Calif.; May 20, 1986 in San Mateo.

Ernest T. Lund, '28, of San Mateo, Calif.; Feb. 1 in San Mateo.

Darrel A. Riechel, '28, of Portland; Oct. 26 in Portland.

Fred C. Hessler, '29, of San Carlos, Calif.; Dec. 5 in San Carlos.

Ralph W. Mize, '29, of Albuquerque, N.M.; Oct. 27 in Albuquerque. He was affiliated with SPE.



Marion T. Weatherford, '30, an Arlington rancher and author whose prominent role in Oregon agriculture included being founding chairman of the Oregon Agri-Business Council, died Feb. 27 in The Dalles. Weatherford was president of the Pacific Northwest Grain and Grain Products Association from 1950 to 1975, a trustee of the OSU Agriculture Research Foundation, former president of the Oregon Wheat Growers League and chairman of the Oregon Wheat Commission from 1953 to 1957. He had received distinguished service awards from OSU, the Oregon Wheat League, Sigma Nu Fraternity and Gilliam County and was the author of three books.

Howard L. Cherry, '38, of Portland; Jan. 15 in Portland. Dr. Cherry was a prominent orthopedic physician who was the Oregon Medical Association's Doctor-Citizen of the Year in 1964. He served 11 years in the Oregon Legislature in the '70s and was known as a champion of the State System of Higher Education.

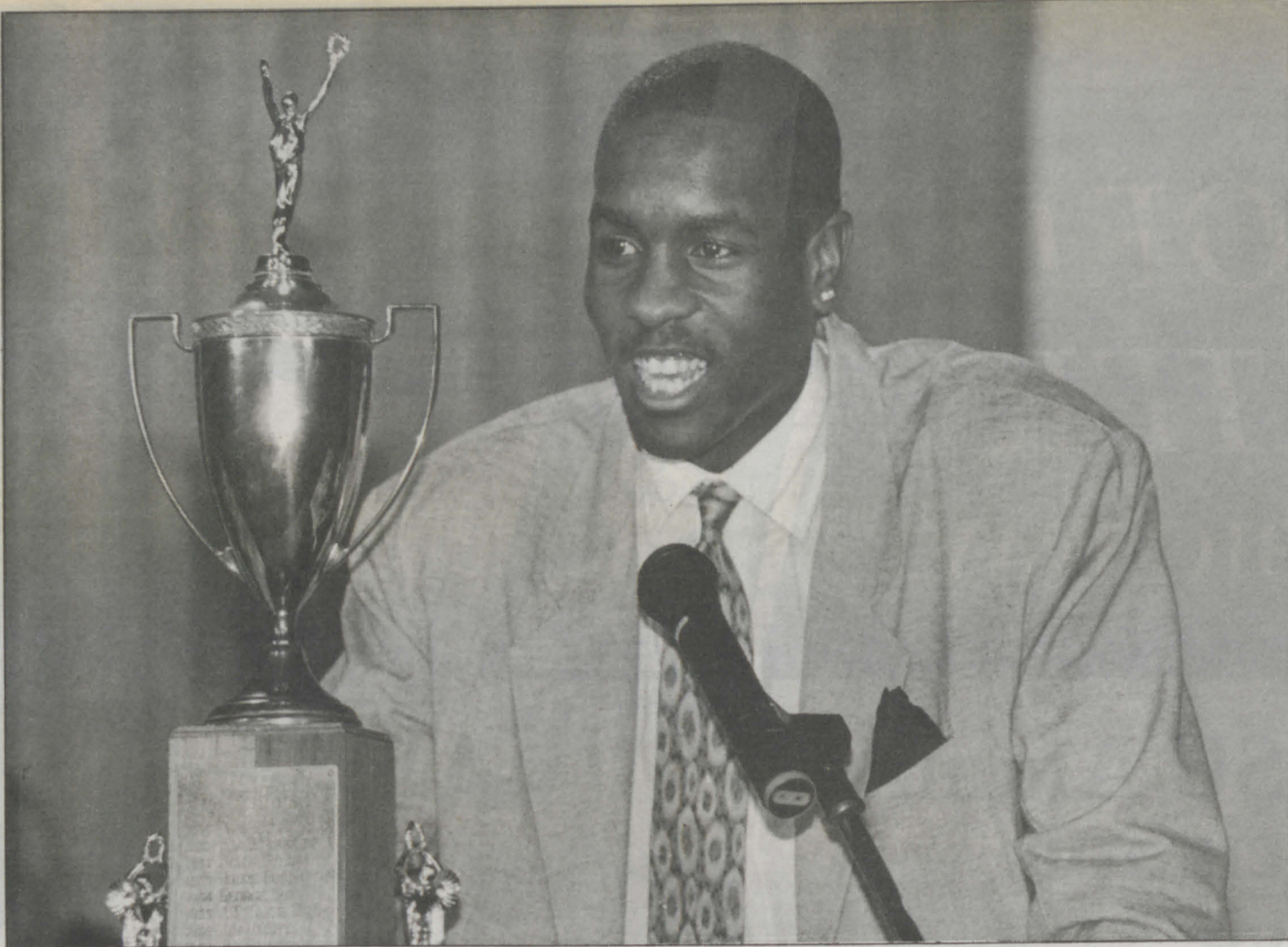
FACULTY AND FRIENDS



William Appleman Williams of Waldport, an internationally known historian who taught at OSU for 18 years, died Mar. 6 in Newport. A campus memorial will be held April 26 at 3 p.m. in the MU lounge. Williams was best known for a series of books written in the late 1950s and 1960s that gave him a reputation as a revisionist historian, creating widespread controversy in academic circles and influencing a generation of historians educated during the period. His views had entered the mainstream of American thought by the late 1970s and in 1980, he was elected president of the Organization of American Historians.

Margaret Louise Fincke of Corvallis; Dec. 20 in Corvallis. Dr. Fincke was appointed associate professor of foods and nutrition at OSU in 1935 and later named head of the department of foods and nutrition. She remained on the faculty until 1967 and was acting dean of the College of Home Economics from 1963 to 1965. She retired in 1969 and then became the first director of the School of Nutrition and Domestic Sciences at Hebrew University in Rehovot, Israel.

Jack Henry Wood of Albany; Feb. 19 in Corvallis. Wood was a long-time OSU faculty member in his position as Extension agent in Coos, Clatsop and Linn counties.



Payton receiving the Hayward Award in February as Oregon's outstanding amateur athlete.

Payton Named First Team All-American and *Sports Illustrated* Player-of-the-Year

Despite a less than spectacular performance in a heart-breaking 54-53 loss to Ball State in the first-round of the NCAA tournament, senior point guard Gary Payton finished his career at OSU as possibly the most celebrated basketball player in the school's history.

Topping the list of some 47 honors Payton collected during the 1989-90 season was his selection to the Associated Press All-American college basketball team March 13.

A week earlier, Payton appeared on the cover of *Sports Illustrated* magazine as that publication's college Player-of-the-Year.

It was the first time an OSU basketball player had been named as a first-team All-American and the first time for a

Beaver to be so honored by *Sports Illustrated*.

Payton was also selected first team All-American by UPI, *The Sporting News*, *Basketball Times* and was selected Player-of-the-Year by the Scripps-Howard Newspaper Service.

He was one of 10 finalists for the Naismith Player-of-the-Year awards and was one of five finalists for Kodak's Player-of-the-Year award.

Closer to home, Payton was honored by the Pac-10 as the conference's Player-of-the-Year and was given OSU's MVP award for the third year in a row.

In the Japan Classic All-Star Tournament, played in early April, Payton was selected MVP.

Basketball Season Ends on Sour Note

After OSU polished off USC 98-94, UCLA 83-74 and Arizona State 73-59 to end February's schedule, Jimmy Anderson's chargers traveled to Tucson for a game that would decide the Pac-10 regular-season championship.

But the Beavers dropped an 87-60 decision to the Wildcats and the season ended with both clubs sharing the Pac-10 title.

Still, OSU went into the Pac-10 post-season tournament seeded No. 1, only to lose to Arizona State 83-75 in a game the Orange Express should have easily won. It was the first time in Pac-10 Tournament history that a No. 1 seed had been eliminated in the first round.

Not to worry. OSU was a sure-shot for an NCAA tournament bid, and when it arrived, the opponent was Ball State University, a meeting scheduled for Salt Lake City, Utah on March 15.

OSU, seeded fifth, was picked by most of the experts to beat BSU (seeded No. 13) and advance in the regionals but it was a victory that was not to be as a last-second, at-the-buzzer shot gave the guys from Muncie, Indiana a 54-53 victory and OSU was on its way back to Corvallis.

All-America Gary Payton finished the game, his last for OSU, with 11 points, which also made him high scorer for the Beavers.

Still No Word on New Athletic Director

OSU Athletic Director Lynn Snyder is leaving the University June 30, but by mid-April there was still no word on who his successor might be.

According to Lynn Spruill, OSU vice president for university relations and the person who headed the search committee for the new AD, a recommendation was made by his group to OSU President John Byrne in early April.

"I suspect the president will reveal the name of the new AD by around May 1 but until then, everything is being kept confidential," Snyder said in a telephone interview.

He would not comment further on the search and would not say if the new AD was being chosen from candidates on or off campus.

The *Stater* will profile OSU's new athletic director in the June issue and will also feature some parting thoughts from Lynn Snyder.

Fall sports schedules for 1990 will appear in the June issue of the *Oregon Stater*.

OSU to Operate Own Sports Radio Network

On March 6, outgoing Athletic Director Lynn Snyder announced that "Voice-of-the-Beavers" broadcaster Darrell Aune had been hired to take control of the department's newly established radio network.

The new network will broadcast football and basketball games, and revenue from the new service should double the \$200,000 in revenues OSU now receives from Eugene station KUGN, which for the past several years has been the flagship station for Beaver sports.

Start-up costs—satellite time, new equipment—will eat into the first year's revenues, said Snyder, but after that revenues potentially could be substantial.

The University of Oregon is the only other Pac-10 school to operate its own radio network, a move the school made three years ago.

Aune, 47, has been OSU's football and basketball play-by-play broadcaster for the last 20 seasons. His new contract with OSU calls for a salary of \$65,000 per year, to be paid by the Athletic Department.

OSU Baseballers Inconsistent

OSU head baseball coach Jack Riley and staff joke about using the phrase "coaching hard." It's an element required when climbing out of the hole caused by losing the first eight games of the season.

Coaching hard also helped the Beavers win 14 of their next 20 games to even their record at the mid-season point, but it has been an uphill struggle for many reasons.

Pitchers one and two in the OSU rotation, senior righthanders Ken Nielson and Jeff Otis, have battled arm ailments throughout the year and neither are pitching effectively, if at all, as the Beavers hit the second half of the season. Thus, another fairly fresh term has entered the Beaver baseball vernacular, "pitching by committee."

Indeed, Riley has taken his younger pitchers and thrown them three innings apiece in recent games.

Pitching surprises have come from junior righthander Dave Schoppe, who won three straight before losing in the late innings to Gonzaga. Walk-on junior Craig McCarthy is 3-1 with the team's best ERA to this point at 2.31.

He has also recorded 33 strikeouts and has given up only 2 walks in 39 innings of work.

On the bright side, the Beavers have been outslugging opponents with some success. The Beaves have 10 or more hits in 12 of their last 14 games, upping their average from .259 to .294 in a three-week span. The team is also on a school-record pace for strikeouts serving as victims six and a half times a game.

Leaders offensively are freshman Chris Kaleikilo, OSU's leading hitter at .394, and just 10 points back is senior infielder R.A. Neitzel at .384. The latter also leads the team in runs, hits, doubles, triples, stolen bases and on base percentage.

Outfielder Larry Vlado leads the team with seven home runs, while batting .325. He meshed together a 22-game hit streak that stands as the second longest in school history.

Defense has been a sore spot as another dubious record is threatened. OSU has committed 72 errors in 30 games and 24 of them have been at third base.

The Pac-10 Tournament has been pared to where only the top five teams in league play qualify. OSU, at 4-5 in the North, is a solid shot for entry, albeit a low berth.

Sports Shorts

NFL selections...Almost certain to go pro this year are OSU footballers Pat Chaffey and Phil Ross. Chaffey, a fullback, rushed for 714 yards last season and caught 46 receptions for 457 yards. Ross finished his career as the Pac-10's all-time tight end leader with 153 catches for 1,827 yards. Last year, OSU had three players drafted—quarterback Erik Wilhelm by Cincinnati, wide receiver Robb Thomas by Kansas City, and defensive back Calvin Nicholson by New Orleans.

NCAA women's gymnastics championships...Teams slated to appear at Gill Coliseum for the Women's National Gymnastics Championships April 21-22 were Utah, Alabama, Georgia, UCLA, Nebraska, LSU, Cal-State Fullerton, Towson State, OSU, Ohio State, Arizona and Florida. Oregon State's Joy Selig was ranked No. 1 in floor exercises and balance beam going into the competition.

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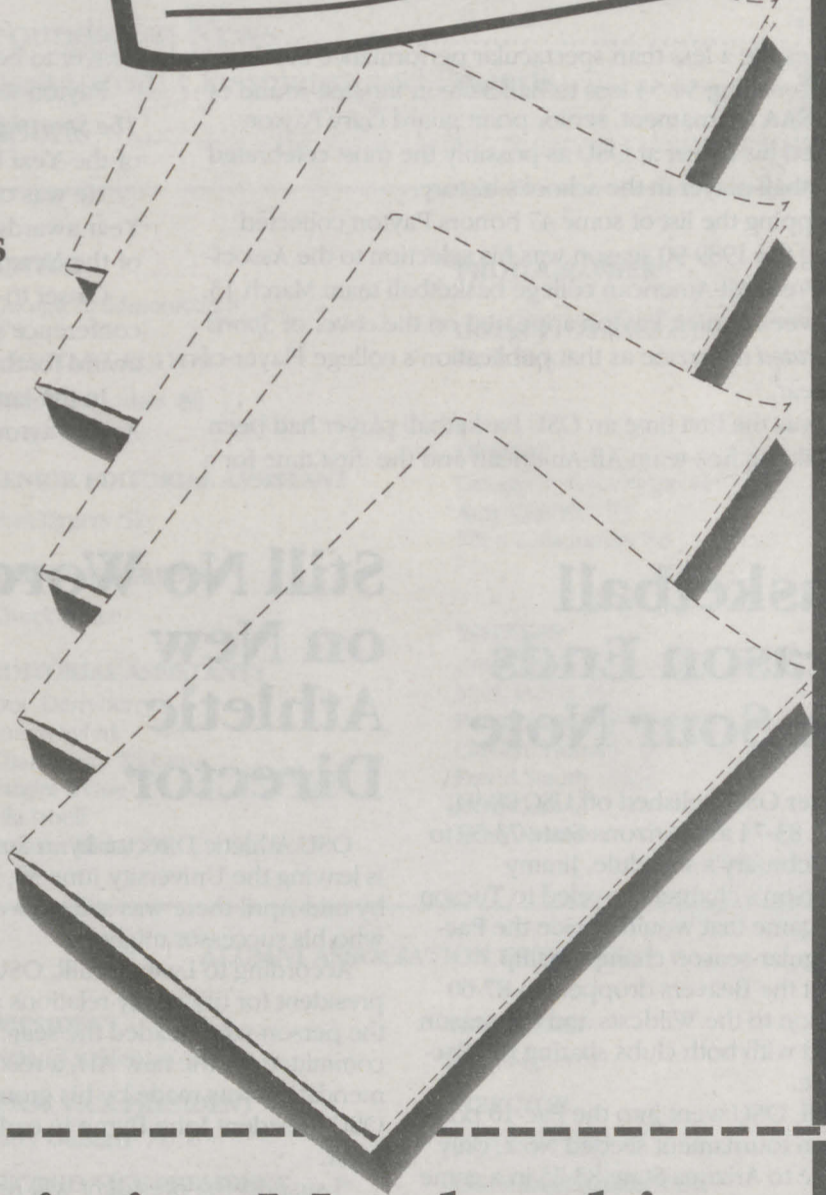
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