

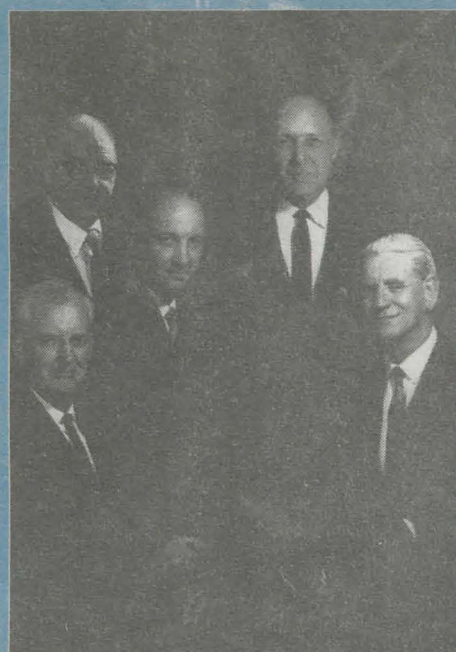
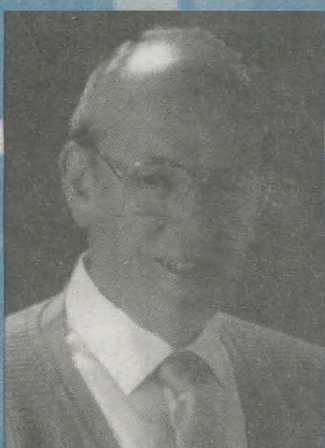
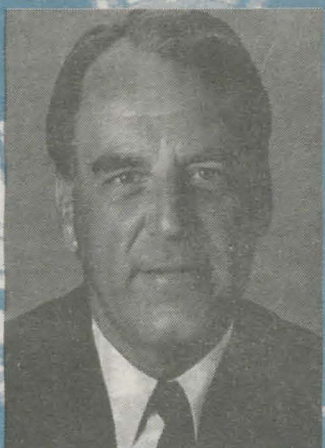
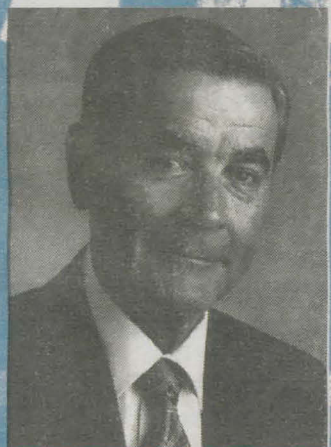
Vol. 78, No. 1
February 1994

Oregon State University
Alumni Association

THE OREGON Stater

APPELSON

HALL



THE ENGINEERS

Story
on
page 11



Lagniappe

Change

For many of us, a new year oftentimes brings change and this is certainly true not only here at the University but also with this publication.

As for the *Stater*, there are two changes in the works right now I want to share.

Beginning in April, the Alumni Association will begin mailing complimentary issues of the *Stater* to the senior class.

Under the new distribution plan, seniors will receive the *Stater* the last year they are in school.

And when you consider new graduates already receive six complimentary issues the year after they leave OSU, this means the newest members of the alumni family will now receive a total of 12 free issues.

To be sure, some of the reasons for this have to do with marketing the Association and its activities to OSU's youngest graduates.

It is hoped that by allowing this group to participate in the Alumni Association through the pages of *The Oregon Stater*, that some will want to become a part of the Association through an annual or life membership.

But more than marketing considerations are at play here.

Students today want to know about the people and events shaping the life of this University and over the last several years, there has been a growing awareness that publications like the *Stater* and the *Barometer* and all the various alumni publications now being produced by colleges and departments are excellent sources of information for keeping in touch with what's going on.

We are pleased to have this new group of Oregon Staters join the growing number of graduates now receiving the *Stater*.

The other major change now in the works involves the look of the *Stater*, and its editorial content.

Later this year, we will be doing some redesign work, but no decisions

have been made yet about exactly what these changes are going to be.

Look for more pictures, more student profiles and shorter cover stories. Other changes will be discussed in the next several issues.

Retirements

Two of OSU's most respected administrators announced their retirements several weeks ago and we will be doing stories on their careers and contributions to Oregon State in the next two issues.

Jo Anne Trow, the vice provost for student affairs, will be leaving the University next year, probably in August.

Trow, a national leader in student services, has served as OSU's highest ranking woman administrator since 1983.

Bill Wilkins, dean of the College of Liberal Arts, will be leaving his post this June.

More than any other person, Wilkins has been most responsible for developing liberal arts into a first-rate college that enjoys the highest enrollment for liberal arts courses and degrees in the history of this institution.

Both have served OSU with distinction and both will be missed by all of us who had the privilege of working with them.

Weatherford Hall Alumni Reunion

This item came to me just as we were going to press.

Weatherford Hall will be closing this summer for renovation and to honor the history of this grand old dormitory, the current residents will be hosting a "Weatherford Hall Alumni Reunion," May 21, from noon to 7 p.m.

If you are a past resident of Weatherford this party is for you. For more information contact Dan Guzman at (503) 737-9569. Dan is Weatherford Hall president.

The Engineers

It would take several volumes to profile all the many famous engineers this University has produced over the last 80 years. What we have in this issue is only a small sample, so forgive us if you don't see your favorite engineer profiled. Other "engineering" stories will follow later in the year. There's too many good stories in engineering not to do some follow-up coverage.

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EDITOR

George P. Edmonston Jr.

CLASS NEWS EDITOR

Patricia Ann Filip '71

EDITOR EMERITUS / SPORTS EDITOR

Chuck Boice

EDITORIAL ASSISTANTS

Gayle Stevenson
 Donna Dutcher
 Charlotte L. Williams
 Jamie Jarvis '93
 Lynda Schnekenburger

PHOTOGRAPHERS

Kurt Sponberg
 George P. Edmonston Jr.

DESIGN

George P. Edmonston Jr.
 Amy Charron '83

WRITERS

Mark Floyd '78
 Penny Hardesty '71
 David Stauth
 Bob Bruce
 Carrie Kinnear
 Randy Everett '92
 Patricia LaFrance

Position Announcement

Alumni Membership/Program Leader

Position description and qualifications: The Oregon State University Alumni Association invites applications for the position Alumni Membership/ Program Leader. This is a 12-month appointment responsible for management of the OSU Alumni Association Membership Program and includes planning, coordination and implementation of a comprehensive, multi-faceted direct mail/ telemarketing effort and development of membership benefits. The Alumni Membership/Program Leader will also be involved in other alumni programs, including reunions and events and well as all marketing activities of the Association. Bachelor's degree and strong marketing background with experience in event planning required. Must have the ability to communicate effectively and persuasively, both orally and in writing.

Salary: \$28-32,000, commensurate with qualifications and experience.

Deadline: May 6, 1994.

To apply: Send letter of application, current resume, three letters of recommendation and three additional contact references to : Membership/Program Leader Search Committee, Oregon State University Alumni Association, MU 103, Corvallis, Oregon 97331.

Oregon State University is a Land/Sea/Space Grant University with 11 academic colleges and 14,000 students. The OSU Alumni Association, founded in 1875, supports 116,000 living alumni. Eleven full time employees coordinate a wide range of alumni programs and maintain the alumni database.

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On the cover:

Design by Amy Charron '83. Apperson Hall photo by George P. Edmonston Jr.

The Oregon Stater welcomes letters from OSU alumni. Send to: Letters to the Editor, The Oregon Stater, ADS 416, OSU, Corvallis, OR 97331.

Journalism Department Revisited

Recent *Oregon Stater* articles and letters seemed to imply that journalism teaching at OSU (then OAC) began when Fred Shideler came in 1929. Not so.

In early 1920's there were two journalism instructors, McIntosh and F. L. Snow. They may have been just part of the School of Commerce—not actually a "Department of Journalism."

During school year 1922-23, while serving as an assistant editor of the *Beaver* yearbook, I took one term of industrial journalism to qualify for service on the *Barometer* newspaper staff. Snow was my instructor.

I worked on the *Barometer* during the first two terms of 1923-24 and entire year 1924-25. I was out of school, working on electric powerline construction during spring term 1924.

In February 1925, I married Alene Bavor, then a sophomore. After my 1925 graduation in engineering, we were away from Corvallis 18 months, returning in January 1927. She immediately resumed classes and took the same course in journalism, then was the first married woman to serve on the *Barometer*—throughout school year 1927-28. I do not recall whether her instructor was Snow or McIntosh.

An article a few months ago, I think about Shideler, mentioned participation in the "Ancient and Futuristic Society of Journalism Morons," which I am sure was (and maybe still is) a burlesque "honor society" for *Barometer* staff members. I am sure it began in 1926 or 1927 as the "Ancient and Futuristic Order of Academic Morons." It did not exist in 1925, but in January 1928, Alene and I were both initiated into it during a "Barometer Bust" dance one night. Our initiation was by "MC" Webley Edwards, who pinned upon each one of us a "badge of courage," a huge carrot with leaves attached. Dangling from it by a string was a "membership card"—a lead linotype slug reading "A.F.O.A. MORONS JAN. 28." After Alene's death in 1974, I found her "membership card" among her personal belongings. Mine was somehow lost. I have verified this paragraph by referring to personal memoirs written in early 1970s and stored in a file cabinet by my daughter, Jeanne Elmore Brown, OSU '56.

**Pitts Elmore, '24
Las Vegas, Nev.**

I have read and enjoyed the article on Fred Shideler and comments on the early years of journalism at OSU. The department seems to have had its full share of competent and interesting people to teach and inspire students.

Any account of those who started, fostered and developed the early instruction in journalism, would surely be incomplete without mentioning two other people, John Burtner and Frank Snow.

Oregon State owes much to John Burtner who was widely known on the campus, and throughout much of the state, as head of the campus news bureau. He was very conscientious about his work, always on the go, covering one event after another, interviewing, photographing and collecting information so that he could keep the newspaper readers of the state informed of the research and other contributions of the institution. His era began with flash-powder and

continued to the beginnings of electronic flash. As one who, on occasion, helped with his darkroom work, I feel that he as much as anyone pioneered the practice of photojournalism at OSU.

Frank Snow was a colorful part of that scene in the late '20s. He was an experienced newspaper man, having worked on papers in his native Kansas before coming to Oregon State. As a young man, in the early years of this century, he lived for a time in Africa where he had an unusual opportunity to travel and to observe native tribal life and communities that were little touched by outside influences. He frequently drew upon this experience to illustrate the need for careful observation, even during the unexpected. At the first meeting of a class, he was known to walk into the classroom and, without saying a word, jump up on a table and launch into a wild African chant and dance, ending with a loud shout and fall into a heap on the floor. He would then rise and announce to the startled (and sometimes shaken) class the first assignment was to write an accurate account of what had transpired, then quickly leave the room. His students never forgot such lessons.

**Robert W. Lawrence, '37
Auburn, Calif.**

FACULTY NEWS

Reed Named to National Health Review Panel

Donald Reed, a distinguished professor of biochemistry at OSU, has accepted an invitation to serve on the Health Review Committee of the Health Effects Institute.

The non-profit institute issues reports on studies of the human health effects of motor vehicle emissions.

Reed, the director of the Environmental Health Sciences Center at OSU, has been at OSU since 1962. He also serves as a director for the International Union of Toxicology, will be a chairman at the prestigious 1994 Gordon Research Conference, and is scientific program chairman for the 1995 Seventh International Congress of Toxicology.

Collier to Head Speech Communication Department as C.V. Bennett Retires

Mary Jane Collier has been appointed to chair the Department of Speech Communication at OSU, effective July 1.

Collier succeeds C.V. "Ben" Bennett, who will retire on June 30 after 36 years at the University.

An associate professor of speech communication, Collier has been on the OSU faculty since 1989. She specializes in interpersonal and intercultural communication.

Honored at the White House

Annie Popkin, acting director of OSU's Difference, Power and Discrimination program, was among 250 civil rights activists honored during a White House reception commemorating the work of Dr. Martin Luther King Jr.

Active in civil rights activities since the 1960s, Popkin said she was invited to the reception because the organizers were familiar with her continuing work against racism.

Van Vliet to Retire

Retired OSU professor Tony Van Vliet, who served 10 terms as a state representative and became co-chair of the powerful Joint Ways and Means Committee, has announced his retirement from politics. He was a long-time advocate for quality higher education and the sales tax. The *Stater* will carry a special story on Van Vliet in the April issue.

Stoltenberg Honored

Carl Stoltenberg, former dean of the OSU College of Forestry, has received the prestigious Gifford Pinchot Medal from the Society of American Foresters.

The award recognizes outstanding contributions by forestry professionals to the administration, practice and

development of North American forestry.

Stoltenberg, who now lives in Tucson, Ariz., retired from OSU in 1989. He was president of the Society of American Foresters in 1988 and served on advisory committees for the Secretary of Agriculture.



Robinson



Sandine

OSU Chooses Two for Top Faculty Award

One of the world's foremost scholars of Ralph Waldo Emerson and a professor who revolutionized the dairy products industry have been selected to receive the highest awards OSU bestows on its faculty.

English professor David M. Robinson and William E. Sandine, a professor of microbiology, are the 1994 recipients of "Distinguished Professor" awards.

Both will carry the title and receive an annual stipend of \$3,000 for as long as they remain at the University.

They join 13 other OSU faculty members appointed the title in a recognition program that began in 1988.

"Robinson and Sandine share a number of personal and professional qualities that have enabled them to rise to the top of their

respective academic disciplines," said Roy Arnold, OSU provost and executive vice president.

"Both are outstanding teachers who consistently have gone the extra mile for their students. They are also among the University's top scholars and have focused worldwide attention on Oregon and OSU through their work," Arnold added.

Robinson already holds the endowed title of Oregon Professor of English. He specializes in the American transcendentalism movement, including studies of Emerson and Thoreau.

Sandine is best known for his pioneering work in dairy "starter culture" genetics. He developed a process for creating better cheese-making bacteria that is used by the largest dairy suppliers in the U.S.

FROM HERE WE SPEAK

AN ANTHOLOGY OF OREGON POETRY

edited by Ingrid Wendt & Primus St. John

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News Briefs

Photo Exhibit Travels to Salem and Portland

The OSU Archives photographic exhibit, *Fighters on the Farm Front: Oregon's Emergency Farm Labor Service, 1943-1947*, will end its showing at the State Archives in Salem in early February and move to the Oregon Historical Society in Portland, where it will open Feb. 14 and be on display through mid-May. The exhibit commemorates Oregon's women, youth, migrant laborers, and others who helped with harvesting crops during World War II as part of the Emergency Farm Labor Service, a program sponsored by the OSU Extension Service. The exhibit, which contains 60 photographs and other pictorial items, was funded in part by the Oregon Council for the Humanities, an affiliate of the national Endowment for the Humanities.

OSU Discovers New Earthquake Fault Beneath Los Angeles

Working with scientists from the California Institute of Technology, a team of OSU scientists has discovered a new and dangerous "blind" fault directly beneath Hollywood and Beverly Hills.

Called the Wilshire fault because it lies several kilometers beneath Wilshire Boulevard in Los Angeles, the fault could cause a serious earthquake and severe property damage near downtown Los Angeles, according to team-leader Robert Yeats, OSU professor of geology.

Blind faults, like the Wilshire, are so called because they don't cause breaks in the ground surface. The OSU/CIT study suggests that faults of this type could trigger earthquakes of at least 5.7 or greater if one or more related faults move at the same time, as may have happened in the Northridge quake.

OSU graduate assistants Cheryl Hummon and Craig Schneider co-authored the study, which will appear in April in the journal *Geology*.

Business Grads Place 8th Nationally on CPA Exam

Recently published statistics by the National Association of State Boards of Accounting rank OSU's College of Business Accounting graduates eighth in the nation in passing the CPA exam the first time around.

OSU's College of Business graduates scored a 54.5 percent pass rate. The only other West Coast school recognized was USC-Santa Barbara, which ranked sixth with a 56.3 percent pass rate.

Washington University (St. Louis, Mo.) finished as the top school with a 70.4 percent pass rate. All other schools finishing in the Top 10 are located either in the Midwest or on the East Coast.

OSU Among Non-Profit Philanthropy 400

OSU was one of three Oregon colleges and universities among the top 400 private recipients in the nation during the 1992 fiscal year, according to *The Chronicle of Philanthropy*.

There were 142 colleges and universities on the list. OSU topped the list from Oregon, ranking 219 with donations to OSU and the OSU Foundation totaling more than 27.1 million. The UO ranked 305, followed by Oregon Health Sciences University at 338.

The Salvation Army topped the publication's list, with receipts totaling more than \$726 million.

Choir to Visit Portland, Tacoma, Seattle in March

The Oregon State University Choir has announced a three city tour beginning March 19.

The schedule:

Sat., March 19, 7:30 p.m., Zion Lutheran Church, SW 18th and Salmon, Portland, Ore.

Sunday, March 20, 4 p.m., University Place Presbyterian Church, 8101 West 27th, Tacoma, Wash.

Tuesday, March 22, 7:30 p.m., Shorecrest High School Performing Arts Center, 15343 25th, NE, Seattle, Wash.

Friends and alumni of Oregon State are invited to attend.

Admission is free to the program that will include selections by Handel, Gian Carlo Menotti, Trond Kverno, Jacob Handl, Lars Edlund and Bengt Hallberg.

Honors College Proposal Submitted to Faculty

By next fall, OSU may be able to showcase the establishment of a new Honors College for prospective students.

A proposal to establish the College has already garnered broad faculty interest and is now moving through the review process en route to academic approval.

However, Sandy Potter, assistant professor of zoology and head of the faculty committee which has developed the proposal for the new College, said it will take until this fall for curriculum development and faculty scheduling to be ready for students wanting to take advantage of the new academic college.

OSU cut its honors program two years ago because of reductions in state funding due to Measure 5.

Technology Transfer Program Enjoying Success.

Long term payoff is beginning to take place in technology transfer as OSU's Technology Transfer Program has more than doubled its expenditures in the past three years to gain licenses and patents, according to Bill Hostetler, director of the program.

During the period, OSU received 23 patents—as many as the combined total of the previous 11 years. The University's patent reimbursement and royalty income during fiscal years reached \$433,000.

"We're positioning ourselves well for the future," Hostetler said. "There's often a lag time of several years between filing for patents and products moving to the marketplace. But it bodes well for the future of the University."

OSU Hosts Controversial Russian Anthropologist

Yuri A. Mochanov, a Russian scientist who is a member of the Academy of Science in Yakutsk, Siberia, was on campus for several weeks in December and January sharing the results of his work supervising the excavation of a vast archaeological site on the Lena River in Siberia, which has yielded evidence of human habitation which he says may be 3 million years old.

If he is correct, scientists say, it could indicate that the earliest humans evolved in the far north, not in Africa.

The "Diring site" dwarfs traditional archaeological digs, which usually measure a few meters in length. Mochanov's excavation, conducted with the help of the Russian Army, is the size of four football fields. It has yielded some 4,000 artifacts in 38 clusters, primarily pebble tools and stone flakes similar to those found in Africa's Olduvai Gorge.

"What he has uncovered is truly

See Siberia next column



George P. Edmonson Jr.

Joy Hughes

New Associate Provost for Information Services Named

As the new Associate Provost for Information Services, Joy Hughes faces the challenges and opportunities of coordinating services in the Kerr Library, Communication Media Center, University Computing Center and Telecommunications. "I suspect students and faculty might want to know why OSU created this new position at a time when it is actually eliminating other positions," said Hughes. "It was the recommendation of the KPMG Peat Marwick/Administrative Review Committee Report that this position be created."

In addition, her position requires her to interact with the four administrative units of Information Services and to build the systems needed for OSU to face the future. "In this day and age, you cannot have these four administrative units operating separately. The technologies are converging, and we have to plan together, prioritize among the four groups, and plan strategies for moving the institution forward," Hughes explained.

While admitting that it is a challenging job, Hughes reports her excitement in being a part of the Library Campaign 1993-94. "We are in times of tremendous change, tremendous flux. People are trying on new roles, and are not comfortable with them yet. It's very exciting. I think OSU recognized that when they created this position, and when they decided to make the library of the future."

Hughes prepared for the opportunities awaiting her at OSU by completing two masters degrees in mathematics and computer science, and then a Ph.D. in computer and information systems. She served as the Associate Vice President for Information Services

and Director of Institutional Research at State University of New York, and as Assistant Vice President for Information Services at the University of Charleston, N.C.

"One of my roles is to help the university build a shared vision—to decide what it wants to be, and how Information Services can facilitate that. There is no one right way to do this," said Hughes. "My role is to help services move beyond individual choices of preference and to build the Information Services of the future. Building this shared vision, particularly with respect to extended education and getting in touch with the purposes of a land-grant institution, that's a major role for me."

In building a shared vision, Hughes said changes might come hard to some individuals, but she hoped all the services could work to better OSU. "To do new things, you have to stop doing other things. I'm not interested in doing more with less. I think we need to do something differently—management, service provision, and types of service. And these people in the four administrative units of Information Services, expanding their vision and working together, will make these decisions."

Hughes welcomes insight and input from alumni. "There are many ways alumni can support this effort. Among alumni are people who are leaders and information services people. They can be of particular importance, because of their wisdom and support, and because of their advice to me." Hughes can be reached at 737-3627.

Gayle Stevenson

Siberia...

revolutionary," says Rob Bonnicksen, professor of anthropology and director of OSU's Center for the Study of the First Americans, which brought the Russian visitor to campus.

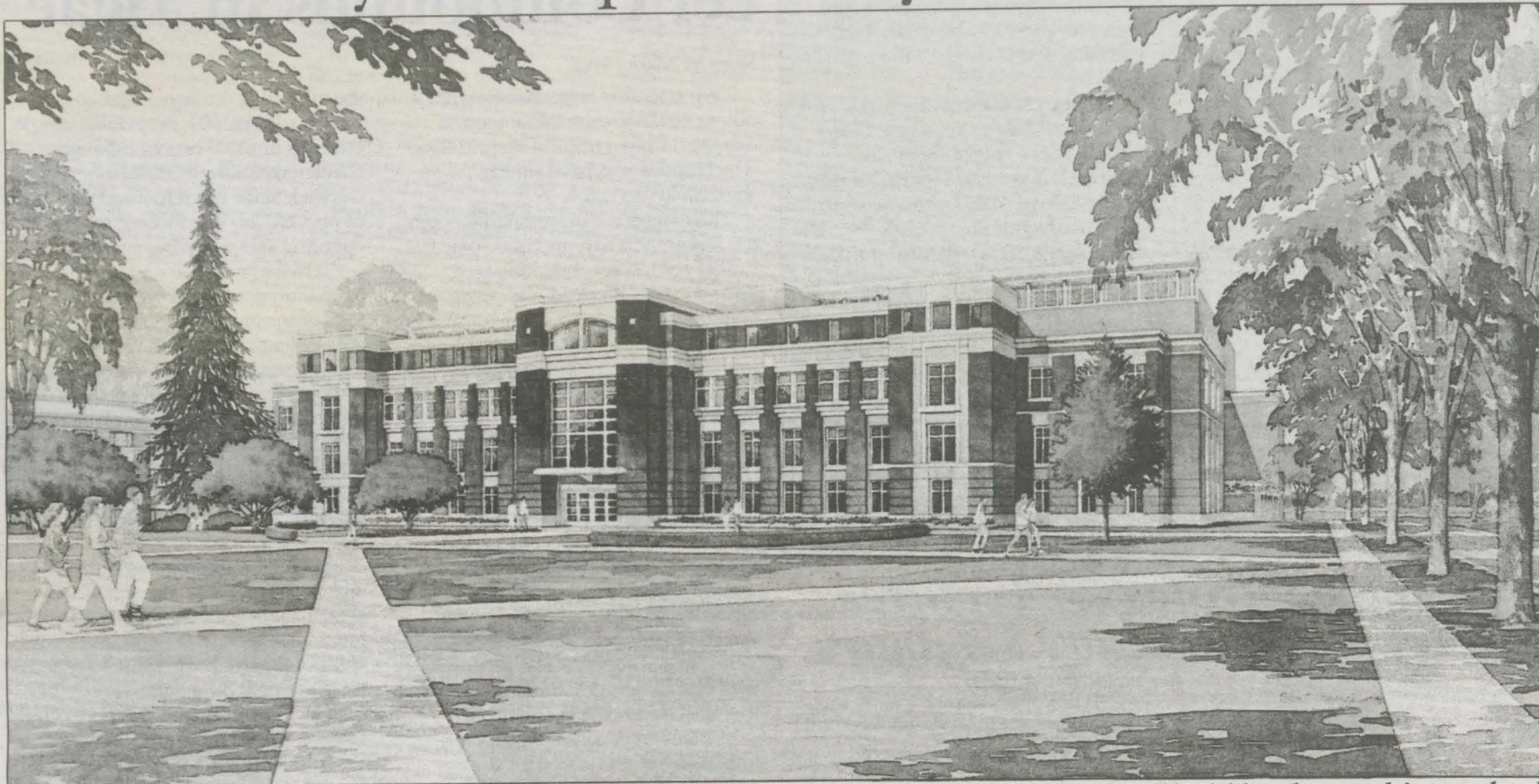
"Artifacts that old clearly would change conventional wisdom, which suggests that humans didn't live that far north until just 35,000 or so years ago," Bonnicksen said. "I take it quite seriously that he has found something spectacular. The only points of contention are the dates."

New U.S. Precipitation Map Comes from OSU Work

Thanks to OSU, the Army Corps of Engineers now has a new map of the U.S. they can use as a drought atlas.

The new map was made using a new computer model developed by Chris Daly, a Ph.D. candidate in general science, and state climatologist George Taylor, an OSU faculty member. The Map includes data from 10,000 stations around the U.S. and covers a span of 40 years.

Kerr Library Expansion Designated University's "Top Priority" for Future



Looking south across OSU's old quad, this drawing shows an artist's conception of what Kerr Library will look like when work is completed on a proposed \$38 million expansion project.

Encyclopedias that talk. Reference assistance in electronic research. An additional 126,000 square feet for books, study and research. These projected plans are only a part of what OSU has in store for Kerr Library over the next 10 years, as the University begins the work of upgrading library services to meet the needs of the '90s and beyond.

The money will come from both public and private sources and to raise the latter, the University has announced a \$10 million Library Campaign, which the University has called its top fund-raising priority for 1994.

Certainly the library will be bigger, but according to M. Lynn Spruill, OSU's chief institutional advancement officer, the chief purpose of the campaign is to accomplish a complete reconfiguration of library services and the technology provided to the university community. "The library will be bigger, as far as the footprint of the building," Spruill said. "But it's far more than just bigger. It is re-thinking the nature of libraries."

Spruill said that, by the mid '80s, it became obvious that university libraries in Oregon were both under-sized and under-equipped to meet the needs of users. At that time, the legislature began the process of upgrading the libraries at Portland State, the University of Oregon and Oregon State. Library improvements at PSU and UO have already been completed, he said, and OSU received planning money in 1988, which was used to complete the design work for the project. But Measure 5 came along in November 1990, and the budget cuts leveled at OSU by the tax reform initiative forced the administration to delay construction on the new expansion.

"We put the plan on the back burner, recognizing we were not going to find sufficient private funds to build the whole thing," said Spruill. "About the time that project was defined, it was a \$28 million project. But construction costs go up every year. Now, we're estimating a \$36 million project."

In retrospect, Spruill saw the loss of funds as a blessing in disguise. "Interestingly, although the shell of the

building from the mid 1980's proposal may be the same, what we'll put into the building will be a lot different this time...and better," he said. "In just a few short years, technology has changed to the point where what was modern then and what is considered modern now are two different things."

During the last legislative session, a group of lawmakers led by Tony Van Vliet and Cliff Trow (Tony in the House and Cliff in the Senate represent Benton County and OSU) passed legislation which enabled OSU's library to have \$10 million bonding authority if a matching \$10 million could be raised in private funds and if the funds could be raised by June 30, 1995. "It's a use it or lose it situation," Spruill explained. "We have never raised this much money this fast before."

According to Kerr Library Development Director Cliff Dalton, nearly \$3 million of the needed \$10 million has already been pledged.

OSU President John Byrne has made the Library Campaign the priority development program for the campus. "The library project will be the greatest challenge of my presidency and the heritage I most want to leave to my successors....I know that all who care about Oregon State University will understand the importance of the Campaign for the OSU Library." (excerpt from the Library Case Statement Draft).

The current Library Campaign is primarily for the housing of the books, technology and special collections. "The Library is really a process of bringing people and ideas together," said Melvin R. George, OSU director of libraries. "And the building is to house that process." Organizing, cataloging, and bringing information access to users is what makes a collection of texts, films, and electronic media into a library, according to George.

In addition to providing assistance in the building of the new library, George and Dalton have been instrumental in the identification of needed new technology for the "library of the future."

"Information is shared in many different ways," George said. "This library has cuneiform tablets that are

4,000 years old, with information people still want to use, and we also have CD-ROM [compact disk-random access memory] technology."

It is up to the library staff to help faculty, students and the community access the variety of information sources offered by Kerr Library. "We have a very talented staff who have been recruited because they have the capacity to recreate librarianship. That's part of being a research faculty."

A current technology research demonstration grant of \$300,000 to Kerr Library has made it possible to develop software that will catalog compact disks on a network for easy access by the user. Currently, according to George, the CD-ROM are read-only. This grant, one of five or six in the country, will concentrate first on government publications regarding economic information in the Pacific Northwest, and enable the user to "download" or copy portions of the record to an accessory computer disk. These statistics will be valuable for research at the university. "This is the first time OSU Library has had a research grant," said George, "and it shows the direction our technology is taking."

Joy Hughes (see p.4), the associate provost for information services, also recognizes the changes in library technology.

"The traditional role of the librarian—to help people select, organize and manage information—will become more important, not less so," said Hughes. "Librarians are the stars of the information age. When librarians graduate from college now, half of them are picked off immediately for corporate America. They are the ones gaining information from the Internet (electronic exchange of information) and attempting to catalog it."

"Their role is changing rapidly, and yet the fundamental purpose to help people manage and access information, is coming to the forefront. So when we think of the new library, we are not thinking of it as a warehouse for books. We're thinking of it as the gateway to the electronic university," Hughes explained.

The library of the future will be a

new experience, with computer obtained information offering visual information and sounds. "The book of the future will be multi-media," said Hughes. "When you are 'reading' about the latest biological discovery, you will be able to click on a button and view it, and hear it, and manipulate it. So cataloging, organizing and helping people access this will be much more difficult. Librarians will play the leading role."

George admits these innovative technologies are expensive. "The real trick is networking, keeping the cost low enough so it is accessible, and finding new ways to pay for these digital formats so they are accessible free."

There are many changes required to support and use the library of the future. "Fundraising for libraries is somewhat new," George explained. "Rarely has a research university done much fundraising for the library."

Linus Pauling, '22, honorary chair of the Library Campaign, offered the following insight in an excerpt from the Library Case Statement Draft. "I still believe in the significant mission libraries have in educating people. Perhaps, if people are educated we can avoid the destruction of civilization in a nuclear war."

The library building development and technological improvement is critical to the future of OSU's standing as a major research organization, according to President Byrne. "OSU is an institution on the move, and all of us can be proud of its increasingly important place in our society. But we can not rest on our laurels. We must work to preserve the excellence we have achieved, to maintain our forward momentum, to provide a library with adequate space for its users, room for collections growth, and the capacity to accommodate increasingly sophisticated technology, is essential to the future of our university."

Gayle Stevenson

Measure 5 Update

According to Bob Bruce, OSU director of university relations, the campus is now in a "wait and see" posture regarding Measure 5.

"There is a recognition here on campus at all levels that the next and final round of Measure 5 cuts will reduce the state budget by \$1 billion, but just how this will trickle down to higher education and OSU is still not certain," he added.

Bruce said state agencies are now in the process of developing guidelines on just how budgets will be reduced. "Higher Education should have its guidelines distributed at the end of February or early March. We'll have a better picture of things at that time," Bruce said.

To meet the expected shortfalls, some OSU faculty members are working now to devise a plan to deal with the cuts, and the spirit of

the plan is to encourage everyone to do more with less. This will mean teaching more students with fewer faculty, which has caused some to question how heavier teaching loads might affect research.

"Research affects teaching, and it's impossible to separate them out, so there might be some frustration among faculty," said Leslie Burns, OSU home economics professor. But she added: "We can do things differently and do them better."

OSU is Oregon's leading research university, receiving more research dollars each year than all other state institutions combined.

The Oregon Stater will carry Measure 5 "Updates" throughout the year to keep alumni fully informed on how budget cuts brought on by Measure 5 are impacting Oregon State.

Journalism Professor Lectures at Prestigious Faculty Seminars

Richard Weinman, OSU professor of speech communication and a campus favorite with broadcast students over the years, has been chosen to lecture at two faculty seminars organized by two of the more prestigious organizations in broadcast: The Academy of TV Arts and Sciences (ATAS) and the International Radio and Television Society (IRTS).

Actually, his first lecture came last November in a week-long gathering Weinman recently referred to as a "heady time" because of the topics and people involved.

"For example, the first day consisted of a panel discussion with producers and writers, including the young man who writes and produces the current *Star Trek* series," Weinman shared.

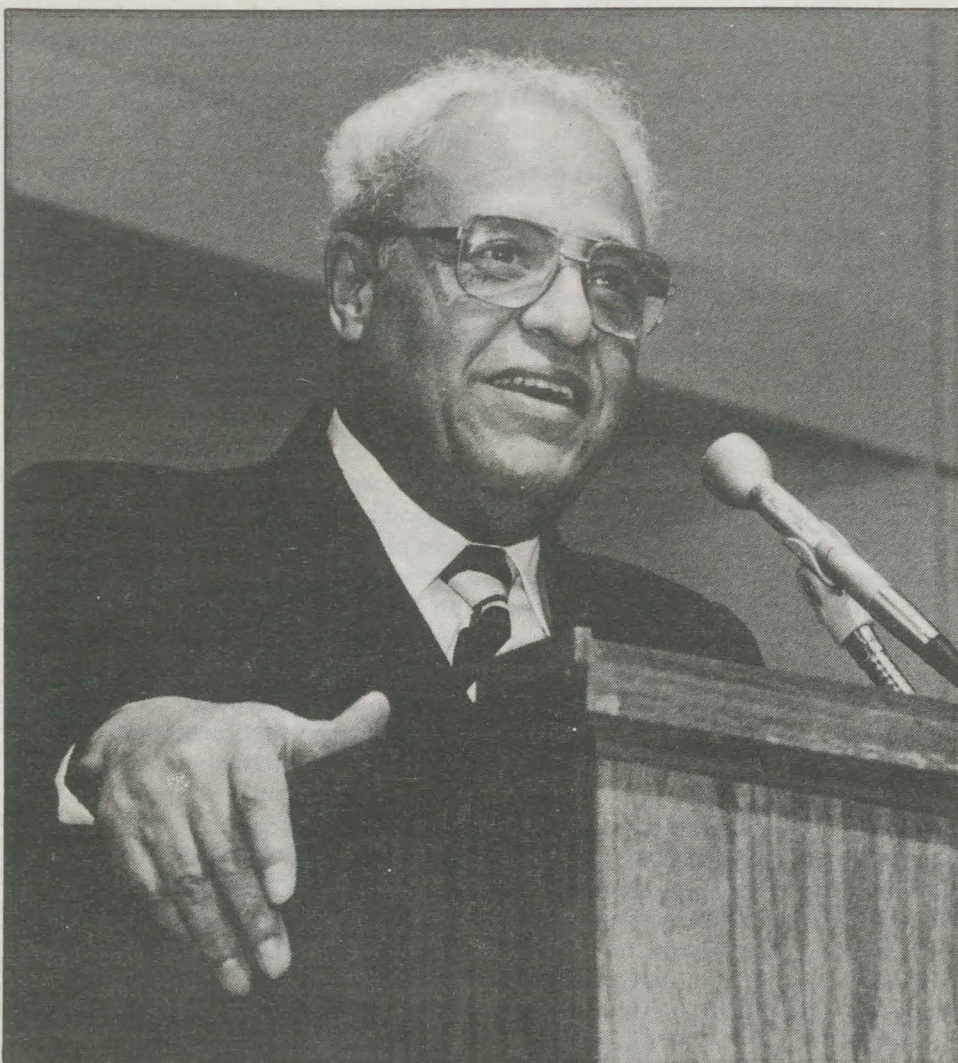
"Later, at ABC, we took part in a discussion of programming the multi-channel universe. The media discusants were the president of ABC Entertainment, a senior V.P. of programming for HBO and Disney and Fox executives," he said.

This month Weinman will be traveling to lecture at the IRTS Seminar which will have as its theme the national information highway and the change from mass to niche media, a favorite topic in Weinman's research.

The people who will be there are major players in the industry, Weinman said, including the former Chair of the FCC; Ray Smith, CEO of Bell Atlantic (which recently merged with TCI); the presidents of NBC, ABC and CBS; and the presidents of various Time Warner divisions.

Weinman said the purpose of the seminars is to enrich and develop teaching of the discipline and to make teaching more effective by bringing teachers in touch with the contemporary issues, ideas, and events, and those whose jobs are intertwined with them.

The selection, he said, is competitive and added it was an "honor to be chosen from among fellow teachers of media and broadcasting to participate."



Former NAACP Executive Director Benjamin Hooks was the keynote speaker during week-long activities on campus to honor slain civil rights leader Dr. Martin Luther King Jr. Theme for the celebration was "Equality and Justice, Freedom and Peace."

OSU Scientists Discover New Potential Anti-Cancer Compounds in Algae

Story by Mark Floyd

OSU scientists have discovered a potent new anti-cancer compound extracted from a tropical marine algae which appears to have similar "bioactivity" to taxol.

The extract is extraordinarily potent, the researchers say, and is as toxic to cancer cells as several of the best known "vinca alkaloid" cancer agents commonly used in chemotherapy. The compound is being tested on laboratory mice to determine its efficacy against breast cancer, colon cancer and other cancers.

Results of the research will be published in a forthcoming issue of the *Journal of Organic Chemistry*.

Dubbed *Curacin A*, the new compound was discovered by OSU Pharmacy Professor William Gerwick and several of his graduate students, in oils extracted from a microalga harvested near the island of Curacao, off Venezuela. The scientists collaborated with researchers at Caraibisch Marien-Biologisch Instituut in Curacao.

"Curacin A is completely novel, unlike any other natural product currently known," Gerwick said. "It is exciting because of its toxicity against cancer cells and because of its wide range of potential uses."

Though the scientists first harvested

the microalga, known as *Lyngbya majuscula*, in 1991, they didn't uncover its unusual cancer-fighting characteristics until last October. Gerwick since has refocused the efforts of his OSU lab to concentrate on culturing and analyzing curacin A.

Gerwick, working under a five-year, \$1 million grant from the National Cancer Institute, has received preliminary patent approval for Curacin A.

Preliminary tests show that curacin A works by inhibiting the growth of cancer cells. The compound also acts as an anti-inflammatory and immunosuppression agent, which can be useful in treating multiple sclerosis and other diseases. Gerwick said Curacin A is highly toxic to arthropods and thus could be used as an insecticidal agent, and its molecular mechanisms are similar to those of a whole family of herbicidal agents.

But the most promising characteristic of the new drug compound is its toxicity to cancer cells. Supported by Oregon Sea Grant, Gerwick has spent years looking for new drug compounds in marine plant life and has examined samples extracted from plants all over the world. None have shown the promise of Curacin A, he said.



William Gerwick with research associate Mary Roberts

OSU Cancer Research Tackles HIV Virus

Biochemists at OSU have made a significant advance in the study and potential improvement of an important anti-cancer drug and another drug commonly used to treat psoriasis.

Researchers have successfully obtained a crystalline form of the DNA of these two drugs, which will allow them to use the powerful techniques of X-ray crystallography to examine their function at a molecular level.

"This work is very exciting," said Pui Shing Ho, an associate professor in the OSU Department of Biochemistry and Biophysics. "We can learn both how these genetic mechanisms work and how they can be influenced."

Scientists say that eventually a better understanding of how these drugs interact with and affect human DNA could allow them to be changed, improving their effectiveness or reducing unwanted side effects.

"DNA doesn't exist naturally as a crystal, and it can take a few tricks to get it to that form," Ho said. "We've developed some unconventional methods that appear to work very well, making the process more systematic and scientifically controlled."

In related research, Ho said, OSU

scientists also recently described how a piece of cellular RNA may function in "turning on" the HIV virus that causes AIDS. The description of that genetic structure, which so far appears to be correct, was published in the *Proceedings of the National Academy of Science*.

Ho's research, which has been supported over the past four years by about \$500,000 in grants from the American Cancer Society, is developing important new ways to examine both the causes and potential cures of cancer at their most basic, genetic level.

Using X-ray crystallography, scientists can literally see individual atoms in a DNA molecule, examine their form, and manipulate three dimensional images of them on computer.

By definition, Ho said, cancer is a result of damaged genetic material that causes cells to grow in an uncontrolled manner.

Preventing that uncontrolled rapid growth is a key to preventing cancer, he said, and taking advantage of that growth characteristic can provide ways to cure it.

Oregon Literature Series Marks State's Birthday with New Volume



Oregon Governor Barbara Roberts (center, holding books) hosted a visit by OSU President John Byrne (to the right of the governor) and members of the Oregon Council of Teachers of English on Feb. 10 to receive a copy of *From Here We Speak. An Anthology of Oregon Poetry*, the fourth in a planned six-volume anthology titled *The Oregon Literature Series*.

Each volume celebrates the work of Oregon's writers and scholars and serves as a unique educational resource for the people of the state. The gift was presented to the governor in celebration of Oregon's 135th birthday, Feb. 14.

From Here We Speak documents how Oregonians have come to understand themselves and their world through poetry. Three years in the making, the new work was co-edited by Ingrid Wendt, Eugene poet and teacher, and Primus St. John, a Portland University professor and poet.

The OCTE and the OSU Press, the state's only university press, have worked together for the past seven years to make the series a reality.

On hand for the presentation (left to right) were: Debbie LaCroix, Chemawa Indian High School; Jeff Grass, director of OSU publications and the OSU Press; Kay Stevens, OCTE president-elect and faculty member in the OSU English Dept.; Alan Howard, current OCTE president, Sherwood High; Time Gillespie, OCTE past president, Multnomah County E.S.D.; and Joe Fitzgibbon, OCTE past president, West Linn High.

OSU Native American Chapter Receives National Honors

Ten members of OSU's chapter of the American Indian Science and Engineering Society (AISES) received more than \$20,000 in scholarships at the society's national convention.

More than 2,000 Native American students from across the nation and Canada attended the Spokane, Wash., convention in November.

A private, non-profit corporation, the society seeks to increase the number of American Indian scientists and engineers. At the collegiate level, the OSU group provides peer support and develops leadership skills in the Indian community, said Kamichia Buzzard, president of the OSU chapter.

"We want to tighten links with Indian schools and start high school chapters of the society. We try to keep the lines of communication open," said Buzzard, an OSU senior in environmental science.

In recognition of the chapter's activities, during the Spokane conference the OSU group was named runner-up for distinguished chapter of the year. In 1992 the OSU chapter won chapter of the year honors.

Scholarships range from \$1,000 to \$4,000 and are funded by organizations across the country, including the U.S. Department of Energy and the Environmental Protection Agency. The awards are based on scholastic ability, service to the Native American community and knowledge of Native American culture.



AISES scholarship winners included (left to right, back row) Mike McCanna, graduate student in medical anthropology; Tim Bowman, Ph.D. candidate; Zach Del Nero, crop science; David Liberty, graduate student in anthropology; Darin Taylor, fisheries. (Bottom) Cathy Needham, zoology; Kamichia Buzzard, OSU chapter president and an environmental science major; Treva Peterson, pre-med; Robin Slate, graduate student in ag science; Jennifer Simpson (major unknown).



From left: Suzan Warren, Melinda Coglas, Stephanie Goeckner and OSU associate professor Nancy Bryant

OSU Professor, Students Honored in Design Show

An OSU faculty member was selected as a finalist in a 1993 national design competition by the International Textile and Apparel Association.

Five OSU students were also honored at the annual juried show by being asked to exhibit their designs.

Nancy Bryant, associate professor of the Department of Apparel, Interiors, Housing and Merchandising, created a piece called "Beribboned and Tied," which was featured in a runway show at the national competition in West Virginia.

The piece—an above knee flared, wrap evening coat—received the faculty award for "Most Visually Dynamic."

The national competition also featured design exhibitions from 52 students around the country including six from OSU, the most of any university.

Suzan Warren, Grants Pass, presented three pieces in the exhibition, including one called "Kaleidoscope," which received the student award for "Most Visually Dynamic." The award included \$250.

Other OSU students whose designs were chosen included Stephanie Goeckner, Portland; Laura Johansen, Redmond, Wash.; and Cecelia O'Sullivan, Corvallis.

An OSU graduate student presented a design in an exhibit format at the competition. The design, by Melinda Coglas of Seattle, Wash., was titled "The Dream."



Oregon Stater Don Ratliff '70 of Madras, Ore., shown here playing a game of pool with his son Cole, was among the approximately 2,000 dads who descended on Corvallis and OSU for Dad's Weekend, held Feb. 4-6. It was the 62nd time OSU has hosted this special weekend for dads.

Ag Year in Review...

Oregon Agriculture Posts \$2.8 Billion in Sales in 1993

Overall, Oregon agriculture had a fair year in 1993, posting \$2.8 billion in farm gate sales, about the same as last year's \$2.76 billion in sales, according to Oregon State University's extension agricultural economist Stan Miles.

Farm gate sales mean money paid to producers for commodities sold directly from the farm or ranch. Increased value is added through processing and handling, resulting in greater economic impact, Miles explained.

Nine Oregon counties recorded more than \$100 million in agricultural product sales. The top five were Marion County with \$355 million; Clackamas County, \$211 million; Umatilla County, \$190 million; Malheur County, \$167 million; and Washington County, \$163 million.

Miles said the weather played a hand in this year's agricultural commodity sales picture, although not in a way that producers might have expected.

"Oregon farmers and ranchers have had to contend with several years of dry conditions statewide dating back to the mid-1980s," said Miles. "This year the weather pendulum took a big swing the other way. The state, and particularly the Willamette Valley, had an unusually wet spring, which created good conditions for some plant diseases, delayed the planting of some crops and the harvest of others. The resulting losses in production contributed to reduced sales for producers of some crops."

Miles puts together a year-end report on agricultural sales after gathering and analyzing information and statistics from several sources including county extension agents, producers, growers, processors and wholesalers.

Final 1993 sales figures for both crops and livestock were mixed. Three crop commodities posted sales losses in 1993. Wheat and feed grains were down 4 percent due to weakening prices and some disease problems brought on by wet weather.

Tree fruits and nuts were down 8 percent largely because spring rains decimated much of the cherry harvest in western Oregon. Small fruits and berries were down 23 percent due to weather-related growing and harvesting problems in the Willamette Valley.

As a group, sales totals for vegetable crops (corn, beans, onions) and field crops (potatoes, vegetable seed, mint and hops) remained basically unchanged from a year ago.

Hay and silage posted the greatest earnings gain with sales up 17 percent this year over last year's level.

Increased precipitation benefitted hay growers, said Miles. They were able to bring back land into production that had been left uncut during recent dry years, and additional moisture boosted production per acre. In addition, hay prices were strong because of low production in recent years.

Sales of specialty crop products, including nursery and greenhouse commodities and farm forestry and Christmas trees, increased 10 percent in 1993 over 1992 levels. Demand and prices for Oregon nursery products remained steady this year, and private woodlot owners are benefitting from greater demand for their trees due to reduced logging on public lands in recent years, according to Miles.

Sales of grass and legume seed were up 6 percent because of modest strengthening of prices for some seed commodities.

On the livestock side, cattle and calves sales held steady while dairy products, eggs and poultry lost ground. The only significant gains, a 7 percent increase in sales, were recorded in the "other animal products," a category used by statisticians which includes horses, hogs, sheep, llamas, ostriches and emus.

Sheep prices were higher in 1993, although the Oregon sheep industry, as a whole, continued to shrink, Miles reported. Prices for ostrich and emu breeding stock were very strong in 1993. Producers of these animals believe the markets for ostrich and emu meat and hides will eventually develop, Miles said.

On the other hand, dairy products were down 5 percent in sales over 1993. Weak prices have plagued the industry and show little sign of increasing anytime soon.

Eggs and poultry products were down 16 percent in sales over 1993. Most of the reduction is due to the loss of the turkey industry in Oregon. Management difficulties and a product recall caused financial problems that turkey producers were unable to overcome.

"As in past years, Oregon's farm and ranch sector had both winners and losers in the sales ledger, but the considerable diversity of the state's agriculture enabled producers to generate sales volume equal to last year's level," Miles said. "Oregon is a bit unique in that its farmers and ranchers grow nearly 100 products that gross \$1 million or more in sales every year."

Bob Rost

World Markets: U.S. Economy Influences Outlook for Northwest Agriculture in '94

Pacific Northwest agricultural producers can expect more of the same in 1994 with prices varying only slightly from their 1993 levels, according to a group of farm economists from Northwest universities.

Their predictions are detailed in the "1994 Pacific Northwest Agricultural Situation and Outlook," a report published jointly by the three regional land grant universities: Oregon State University, Washington State University and the University of Idaho.

A number of factors in the world and national economy will affect the performance of agriculture in the Pacific Northwest in the coming year, according to Jim Cornelius, OSU Extension economist.

A healthier U.S. economy in relation to key trading partners in Europe and Japan could strengthen the dollar against other currencies, making U.S. exports more expensive for foreign countries. And continued weak overseas economies would reduce the demand for imports from the United States. On the other hand, a rebound of the world economy, which early indicators show may be occurring in Europe, would act to bolster U.S. exports.

The economic prospects on the national scene, while expected to gradually improve, are mixed. Businesses are cautious about taking on a new debt even though interest rates are low. The employment situation has improved, but job losses remain high and unemployment problems are likely to continue for at least another year. And government spending is not likely to be a major contributor to the national economic recovery.

In the Northwest, spillover from a weak California economy and troubled timber and aerospace industries have restrained growth. On the other hand, immigration of residents and businesses continues to fuel the regional economy.

On the international trade front, weaker world markets and continuing poor economies in many countries are expected to result in lower grain and processed food exports.

Mexico remains a bright spot for U.S. agriculture in general and the Pacific Northwest in particular. U.S. Farm exports to Mexico have quadrupled since 1987, according to Patricia Lindsey and Ali Emami, agricultural economists at OSU. More significantly, Mexico has been transformed from a limited market for grain to one that buys significant amounts of value-added processed food products.

In 1992, according to Lindsey and Emami, the Pacific Northwest exported more than \$33 million in farm products and \$22 million in processed food products. The \$55 million total represents a tripling of the Mexican market since 1987.

Hazelnuts...

resistant to any quick simple solution. At present, experiments using chemical controls have been devised but they take repeat applications and can be prohibitively expensive for a depressed industry.

Oregon is the nation's leading producer of hazelnuts. Eastern filbert blight destroyed the industry in Washington state in the 1970s and first appeared in Oregon in 1986.

New Program Aims to Strengthen Oregon-Japanese Ties

Ties between rural Oregon and Japan could be stronger in the future, thanks to two small grants from the Kasseika Grant Fund of Labo International Exchange Foundation in Japan, reports Duane Johnson, OSU Extension 4-H youth development specialist.

"Although the grants are small, the potential impact is great," he stresses, "as young Oregonians learn the languages and customs of Japan."

Oregon has been a leader in 4-H-Japanese exchange programs since 1973, with Oregon families hosting about 130 young people and their adult chaperones each year. One of the grants, for \$2,800, will be used to strengthen the 1994 exchange program, Johnson said.

The second grant, for \$5,000, will support a pilot program in Japanese language training and cultural exchanges, Johnson adds. The program will be done in partnership with Burns High School, OSU Extension Service, Harney County 4-H Leaders Association, and the Oregon Department of Education and involves teaching Japanese via the EdNet satellite system beginning in 1994.

Spokane Community College will originate the broadcasts. Grant money will be used to establish a teaching library in the school and to facilitate

interaction between the Spokane instructor and local teachers. Students in the language class and their families will host Japanese Labo exchange students during the summer preceding the class.

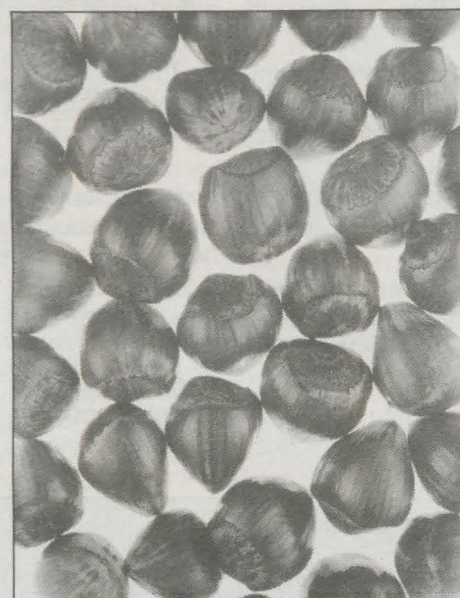
During the second summer, in cooperation with the Nihongo Program in Japan, the Burns students will be encouraged to spend two months in Japan. One month will be in intensive language training, while the second month will feature home stays.

Upon their return, these students will serve as mentors to first year Japanese students.

Tentative plans call for expanding the program to four other rural schools during the second year of the program.

The program is in keeping with the emphasis on trade and understanding among Pacific Rim nations and recognizes the important role that Japan plays in the area, Johnson points out. It will also help young people meet the requirement for two years of a foreign language for admission to Oregon's four year public colleges that becomes effective in 1995.

It also emphasizes the blending of classroom learning with experiential education to strengthen educational impacts, Johnson adds.



Hazelnut Research Aims to Save Oregon Industry

Oregon's \$30 million hazelnut industry is in a race against time.

And OSU experts say the outcome is still in doubt.

A debilitating fungus...eastern filbert blight...has wrecked havoc with an industry that has seen prices for hazelnuts drop by 50 percent in recent years.

OSU is developing chemical controls which employ the use of special cultivars which can resist the fungus.

But Ken Johnson, associate professor of botany and plant pathology, who is a leading researcher in filbert blight, says the disease has been



Director's Column

Nineteen ninety-four is now upon us and this will prove to be a most challenging year for our Alumni Association.

Measure 5 is still with us and we yet don't know how this next and final round of cuts will impact OSU or our Alumni Association.

But we're not going to sit around worrying about what may or may not happen with Measure 5.

In spite of tight money and financial uncertainty, we have a very exciting year planned.

Already, the progress made on the new CH2M HILL Alumni Center exceeds anything I could have possibly imagined when we first started the project 13 months ago.

In the last few months, several large gifts to the Center have been received, pushing the total amount of all contributions received to more than half of what we need to begin construction.

From the largest to the smallest gifts, the success we have so far enjoyed is a wonderful testimony to the loyalty Oregon Staters have for their alma mater. It is often said that Oregon Staters are among the most loyal alumni of any college or university in the U.S. and our Alumni Center project is proving it once again.

The Alumni Center Steering Committee, which has been hard at work the last 12 months organizing and preparing for the challenges ahead, is now proceeding with activities to bring us that much closer to the dream of a new home on campus for alumni.

In addition to a number of fund-raising activities now underway, floor plans are being finalized and new groups of volunteers are being formed to do an endless variety of tasks.

If we continue to enjoy the kind of success we saw in 1993, it's possible that we could break ground on the new Center as early as the spring of '95.

I can't express my gratitude to this group of dedicated alumni enough. Without their help, none of the exciting things now happening with the Center project would be possible.

If you would like to help make the dream of an Alumni Center at Oregon State a reality, give us a call here at the Association and we'll make every attempt to get you involved.

I am also pleased to announce that, starting this April, we will begin sending the *Stater* to the senior class and they will receive the *Stater* free of charge until graduation. With the policy we put in place several years ago—that of giving the *Stater* to graduating seniors for a full year after graduating—OSU's youngest alumni will now receive up to two years of *The Oregon Stater* absolutely free.

In many ways, the future of our alma mater and the future of this Association is in the hands of this important group of Oregon Staters. Our new distribution plan recognizes this important fact.

Fall reunions this year will also have a new twist.

Following a national trend, we will begin offering "cluster" reunions in September, bringing together several classes for one reunion. We do this for our Golden Jubilee graduates and now we will be extending the concept to classes graduating in the '60s and '70s. (See related story this page.)

Whether you attend one of our reunions, enjoy a burger with us at one of our summer picnics, or just stop by to visit the office on your next trip to campus, we would love to have your participation in the OSU Alumni Association.

I have a feeling this is going to be a great year to be a Beaver.

Club News

ALASKA: Our inaugural event in which we watched OSU play UO at Mac Court at a local sports bar created plenty of interest as nearly 20 local alumni showed up despite a last minute change of venue. New friendships were made and ideas for future events discussed. There's plenty of enthusiasm and support to make this club a go. *Upcoming:* Rumor has it that OSU President John Byrne and Alumni Director Don Wirth are planning a trip to the 49th state this summer, to do some fishing no doubt. The club is considering options in honor of their possible arrival. If you have any questions about this event or participating in other club events, please call Jeff Manfull '82 at (907) 337-2450.

BANGKOK: For information on club activities, please contact the OSU Alumni Office at (503) 737-2351.

BAY AREA: *Upcoming:* It is time to join us for the OSU basketball season in the Bay Area when the Beavers take on the Cal Bears on Sat., March 5, at 1 p.m. at the Oakland Coliseum. We are hosting a pre-game get-together in the Warrior Room at noon and will be auctioning off an autographed Beaver basketball! Come join us watch the Beavers beat the Bears on their home turf! RSVP to Ingrid Burghardt at (510) 215-6302 by Feb. 25, or call the OSU Alumni Office at (503) 737-2351. Please contact Ingrid Burghardt '86, president, or Bennette Maguddayao '92, president-elect, at (415) 570-7290 for information about the Bay Area Club and your involvement.

CHICAGO: *Upcoming:* Join fellow Beavers and other Pac-10 alumni clubs for an afternoon of fun and excitement at Chicago's oldest bowling alley! The event will take place March 13 at 1:30 p.m. Cost is \$20 per person and includes bratwursts, appetizers, shoe rental and more! Please RSVP by March 4 to the OSU Alumni Office, (503) 737-2351.

COLORADO: Contact the OSU Alumni Office, (503) 737-2351.

DALLAS/FORT WORTH: *Upcoming:* In March we will be organizing a Dallas/Ft. Worth area alumni club. Look for information arriving at your home soon! Please send your surveys in soon so we can get the club off and rolling. If you are interested in participating in the organizational process, please contact Randy Everett at the OSU Alumni Office (503) 737-2351.

HAWAII: *Upcoming:* The OSU baseball team will be at the Hawaii Tournament in Honolulu, March 21-27. Their schedule is as follows: 3/21 vs. Clemson (3 p.m.); 3/22 vs. Hawaii (6:35 p.m.); 3/23 vs. Grand Canyon State (noon); 3/24 vs. Lewis & Clark (3 p.m.); 3/25 vs. Washington (noon); 3/26-27 TBA. Come watch the Beavers at Rainbow Stadium. For information on club events, please contact Lisa Mezurashi '81, (808) 988-6252.

LANE COUNTY: Contact the OSU Alumni Office, (503) 737-2351.

NATIONAL CAPITAL: We had a good size crowd attend our first "D.C. OSU Over Lunch" program on Jan. 26, featuring Russian academician, Yori Mochanov.

Upcoming: Our next "D.C. OSU Over Lunch" will be March 10, when OSU Chief Institutional Advancement Officer, Lynn Spruill will be joining us. The program on April 29 features Bill Wilkins, OSU dean of the College of Liberal Arts. Mark your calendars and watch for more details coming in the mail soon. Please call Max Clausen '70 for information on club activities, (301) 424-0888.

NEW YORK/NEW JERSEY: *Upcoming:* We will soon be organizing an alumni club in the New York/New Jersey area! Information will be mailed to alumni during February. Please send in your surveys to get the club off and rolling. If you are interested in helping organize the new club, please contact Randy Everett at the OSU Alumni Office, (503) 737-2351.

PORTLAND YOUNG ALUMNI: Thanks to all of you who came to our Big

Screen/New Member's party at the Red Lion, Jantzen Beach. Although the game was not exactly a match for the enthusiasm at the party, everyone had a good time.

Upcoming: The club is rather excited about the upcoming riverboat cruise on the Willamette, April 23. Meet at the OSU Portland Center at SW 1st and Taylor shortly before the cruise for a quick respite. Call Leon Jackson at 284-4780 if you have questions or to let us know if you can join us. Cost is \$9.95 per person. Also, don't forget our end of the month social on Friday, Feb. 25. We will be getting together for some locally brewed beverages and great food at Bridgeport Brew Pub, located at 1313 NW Marshall.

PUGET SOUND: We had a nice gathering prior to the OSU/UW basketball game Feb. 19. We enjoyed seeing fellow Beavers and friends gathering at the Waterfront Activities Center, and then cheering the team on at the game! For club information call Jocko Burks - Tacoma: 564-5275; Marie Jennings - Seattle: 937-3849; Jeff Horn - Keyport: 830-0436; or John Thomas - Redmond: 882-0228.

SACRAMENTO: We had a great crowd show up at Bleacher's to watch our

basketball team take on the Ducks, Feb. 12. It was nice to see such great support for this event. *Upcoming:* Watch your mail for details about the Pacific Coast Rowing Championships at Lake Natoma, May 20-21. Please contact Ann Worthington (916) 484-5471 if you have any further questions about upcoming events.

SAN DIEGO: Call Dena Nolen '88, (619) 792-1612 or Randy Everett at the OSU Alumni Office (503) 737-2351.

SEOUL: Contact Dr. Hee Taik Kim at (0345) 400-5274.

SILICON VALLEY: Contact the OSU Alumni Office, (503) 737-2351.

SO. CALIF: Thanks to all those loyal fans who came out and supported the men's basketball team in early January. We enjoyed seeing everyone prior to the games against USC and UCLA. *Upcoming:* Watch for details coming in the mail about our annual Santa Anita "Day at the Races," April 23. Call Karen Umamoto at (714) 842-5610 for more information about upcoming activities.

TOKYO: Contact Steve Weiler '85 at (03) 5481-4670.



These Oregon Staters were among the 250 alumni who attended the "tailgater" prior to the OSU/Stanford football game in Palo Alto, Oct. 30. The event was sponsored by the Bay Area alumni club.

"Cluster" Reunions to Debut Fall '94

Reunions are a time to renew old friendships with both classmates and Oregon State University.

Historically, alumni strongly identified with a particular class because they attended classes together, lived together and graduated following four years on campus. This traditional educational environment began to change with the baby boomers of the '60s, according to Alumni Association Executive Director Don Wirth.

"Beginning in the '60s, we saw an increasing number of students take something more than the traditional four years to graduate," Wirth says. "Also, many students were in specified five-year curriculums, such as engineering. At the same time, as university populations soared, there was a trend among students to identify with smaller groups on campus, such as living groups. These groups were normally comprised of students from several class years."

To accommodate these trends, the OSU Alumni Office is introducing a new type of reunion called the "Cluster" reunion, said Wirth.

"The cluster reunion brings two or three consecutive classes back to campus to participate in activities, share interests and renew friendships that extend across traditional class lines," he says.

Other universities have already instituted cluster reunions quite successfully, says Wirth.

He adds that not every class will be clustered. "We will try it with just two class groups this fall and see how well the concept is received," he says.

The first cluster reunion will be held the weekend of October 8, 1994, with the classes of 1983, 1984 and 1985. The second cluster reunion will

be held Homecoming weekend, Oct. 22, 1994, and will honor the classes of 1968, 1969 and 1970.

Other reunions which will be held this coming fall for single classes will be Class of 1949 (45 year reunion) on Oct. 8; and Class of 1954 (40 year reunion) on Homecoming weekend, Oct. 22.

All members of these classes will be sent information and registration forms in the coming months. If you would like to volunteer to serve on a planning committee for one of these reunions, please call the Alumni Association at (503) 737-2351.

"The cluster reunion can greatly benefit OSU and should just be a lot of fun for alumni as well," Wirth says. "We hope to see a good turnout for our first cluster reunions."

Some classes which would normally have reunions in 1994 will instead be included in clusters next year, Wirth adds. For instance, the class of 1974 would normally have a 20 year reunion in 1994, but will be included instead in a cluster reunion with the classes of 1975 and 1976 next year — 1995. The class of 1964 will also be included in 1995 reunions — clustered then with the classes of 1965 and 1966.

"If class members have any questions about when their particular reunion will be, just call the Alumni Association," Wirth says. "We will keep classes informed through mailings and the *Oregon Stater* as to reunion clusters."

Wirth also notes that the Alumni Association continues to support special constituency reunions such as the 1963 basketball team reunion, which will be held later this month.

See Cluster p. 20

Stevenson Honored with Dan Poling Award



Marilyn Stevenson '50, '53 receives congratulations for winning this year's Dan Poling Alumni Service Award from OSU President John Byrne (left) and OSUAA President Lee Souder '72 (right).

Home economist Marilyn E. (Melson) Stevenson '50, '53, of Portland was honored with the Dan Poling Alumni Service Award Jan. 21 at the Corvallis Country Club.

The award is given annually by the OSU Alumni Association for exemplary volunteer service to the University and is presented each year at the Association's winter board meeting. It is named in honor of Dan Poling, long time OSU dean of men, who served the University from 1937-1972.

Marilyn was born in Bellingham, Wash., but moved with her family to Portland when she was six weeks old. The City of Roses has been her home ever since.

Her parents were well educated. Her father graduated Phi Beta Kappa from the University of Washington but turned down a graduate scholarship to Yale to work full time to support his family. Her mother taught school, and Marilyn remembers her parents always stressing the importance of an education.

"My mother particularly, but both of my parents, always said that women should get an education and have a marketable skill," Marilyn remembers. "They both believed that with a good education you could take care of yourself financially if ever there was a need."

One of the remarkable facts about Marilyn's youth is that, as early as the 7th grade, she knew what she wanted to be and where she wanted to go to college.

"When I was in the 7th grade," she recalls, "I decided that I was going to go to Oregon State College and become a home economics major and be a home economics teacher. Oregon State's College of Home Economics was rated the second highest in the country at the time and the best on the West Coast. There was nowhere else I wanted to go."

After graduating from Grant High School, she began her studies at OSU in the fall of 1946. Always thinking ahead, she decided early in her undergraduate coursework that her ultimate goal would be to earn a master's degree. With careful scheduling, she carried an average of 20-22 hours a term and finished her home economics degree in 1950. She was also pleased to learn that, on her way to earning her bachelor's degree, she had also earned 13 credits she could reserve toward a master's. And use them she did, finishing with a master's in home economics education in 1953.

In the summer of her junior year, Marilyn's life changed. For that year, she met the man who would become

her husband and life-long partner: John L. Stevenson.

Known as "Jack" to his friends, John Stevenson attended the same high school and church as the Melson family and Marilyn became good friends with his sister. The two young women used to go out to Camp Meriweather (a Boy Scout camp) to visit with Jack, who, at the time, was volunteering as a life guard.

Jack, too, started at Oregon State, following a year in the Navy (he was drafted the day the war in Europe ended). His major was engineering but his frustration with scheduling led him to change majors to pre med and eventually to change universities—from OSU to Stanford, where he finished his B.A. degree in 1950. Then it was on to medical school at OHSU, where he graduated in 1954.

Today, Jack Stevenson is one of Portland's most respected pediatricians, particularly noted for the many contributions he has made to the success of Portland's Parry Center for emotionally disturbed children.

Marilyn and Jack have three children: John L. III, age 39; Dr. Mark M. Stevenson, a pediatrician and dermatologist in Tucson, Ariz., age 37; and Sarah E. Swaney, 33. They have two grandchildren and are this month celebrating the arrival of Laurel Swaney, the newest granddaughter.

Maybe Marilyn's greatest strength is in her devotion to the things she loves: her family, her work, her alma mater, and her profession: home economics. One does not have to visit with Marilyn Stevenson for very long to know that when it comes to home economics, she is as passionate as anyone who ever walked the halls of Milam.

This devotion began to show itself even during her undergraduate years. She quickly developed a reputation as a campus leader and served the university in several important areas of student government, including serving as a Rook and Rookess Councilor; as a member of Round Table Council; as house manager of Pi Beta Phi; as vice president of the Home Economics Club; and as vice president of her senior class.

Marilyn was a home economics teacher for five years after graduation, eventually leaving the profession to spend more time with their growing family.

And yet her love of home economics did not end when she turned out the lights in her classroom for the last time. Instead, she started her own mail order business and operated it right out of her home—the Shape-Ease Pressing Aids Company, which she owned and

operated for over 20 years and which manufactured devices to help in the tailoring of clothing.

Knowing of Marilyn's devotion to the home economics profession, OSU began seeking her talents and energies as an alumni volunteer in 1973, when she was asked to serve as secretary of the Home Economics Alumni Association. Three years later, in 1976, she served as president of the group and looks back to those years with fond memories, particularly for the work that was carried out to refurbish the College's Hawthorne Conference Suite. Marilyn served as chair of the project and was instrumental in helping the College raise the \$55,000 needed to do the makeover.

But, she admits today, she could not have done the job without the help of a man she first met at the time and a man she has, over the years, developed a deep respect for—alumni director Don Wirth.

"We had to do a fund raiser to have the money to redo the room," Marilyn shares, "but we didn't know a thing about fund raising. Don helped by arranging for a professional fund raiser to get us started. That helped us get organized and gave us the courage to go out and ask for the money. I will always be grateful for the help Don gave us during that important time for the College."

Following terms on the college

alumni board, she was invited to serve on the OSU Alumni Board of Directors (representing home economics) in 1980. In 1984, she was appointed to the Alumni Association Executive Committee, where she chaired the Student Recruitment Committee. Following this, in 1987, she served a three-year term on the Alumni Association's E.B. Lemon Distinguished Alumni Award Selection Committee. Today, Marilyn serves the Association as a member of the Alumni Center Steering Committee and says her involvement represents some of the most important work of her career, "because it will give the Alumni Association a home, a place that will serve to bring more people together in an atmosphere of warmth and hospitality."

Marilyn has also volunteered her time and talents in numerous other capacities for OSU. She has been an OSU Foundation Trustee since 1984. She first served on the Public Relations Committee and currently serves on the Charitable Estates Planning Committee. Marilyn and Jack have been members of the President's Club since 1981 and last year were named to the Council of Regents, one of the University's most important donor recognition groups.

Her community work in the Portland area is also extensive: Beginning in 1953, when she was president of Portland's Medical Student Wives Organization, she has served as president of the Co-Op Nursery School Council; membership co-chair of the Multnomah County Medical Auxiliary; treasurer of the Westhills Parry Center Auxiliary; member of the PTA Board at Bridlemile Grade School; member of the Principal's Advisory Committee at Wilson High School; member of the South West Hills Residential League Board; and member of the Homestead Neighborhood Association. Starting in 1986, Marilyn served a six-year term representing the Parry Center on the Executive Board of the Children's Charity Ball. Her final three years, she served as treasurer for the group.

Elected a water board commissioner in 1969, she became manager of the Valley View Water District in West Multnomah County in 1972. She is one of a very limited number of female state certified water operators. These interests led to volunteer service on the City of Portland's Bull Run Advisory Committee; the Water Manager's Board; and as president of the Tri-County Water Districts Association.

Story by George P. Edmonston Jr.

The OSU Portland Young Alumni Club is pleased to offer two scholarships of \$500 each for the 1994-95 academic year.

REQUIREMENTS:

- 65 undergraduate credit hours achieved by the end of winter term '94.
- Must maintain a full time credit load (12 hours) per term.
- Cumulative average 3.0 GPA.
- Maintain good standing on campus.
- Must be a resident of the state of Oregon.

Please contact the
OSU Alumni Association for an application.
(503) 737-2351

The Engineers

Text by Tim Buckley. Stand in front of Covell Hall and watch students flow past, a stream of humanity blurring past immutable architecture, like in an old daguerreotype photo. Most of the people will move out of the picture and quickly forget the significance of Covell Hall, or the man for whom the hall is named. Some will stay on as professors and administrators, perhaps one day adding their own names to a plaque by some future door. Still others will be taken with the spirit of Grant Covell, OSU's first dean of engineering (see photo below), and continue to define the brilliant tradition he began in 1889.

When it comes to naming new buildings, the College of Engineering has pages of names to contribute, of graduates who have collectively advanced the quality of science and life inestimably. A new alumni center will bear the name of CH2M HILL, a company whose five decades of excellence are inextricably linked to OSU. The Electrical and Computer Engineering Hall is another prime candidate for a distinguished name. Will it be named after an educator/administrator like Covell, George Gleeson or Fred Burgess? Or will it be for an alumnus, like Linus Pauling, whose individual greatness has brought a shirt-tail kind of fame to this institution?

A future campus quad could be ringed with great halls, adorned with names of men and women who are with us today, and who deserve the honor today. In this issue, we pay tribute to just a handful of them, engineering alumni who have made vast contributions in and beyond their fields, and in the process helped OSU become one of America's premier engineering universities.

Brief History

Eighty years ago, students with just two years of high school could enroll in the fledgling engineering program at Oregon Agricultural College. Today, looking at any standard of measurement...the number of successful graduates, number of degree programs available, amount of money generated in grants and research contracts...OSU's College of Engineering has made major evolutionary leaps.

Eighteen ninety-three was the first year that anyone from Oregon Agricultural College graduated with a degree in mechanical engineering. There were 30 other engineering students behind them, amongst a total student population of 184 and a teaching staff of 16.

Until 1908, engineering was organized into autonomous departments. After that date the School of Engineering provided administration to the mechanical, electrical, civil, and mining departments. In that same year, the first "professional" degrees were awarded, which gradually replaced the "vocational" degrees in the very same fields.

Over the years, a variety of degree programs and even a few departments came and went. The mining engineering department, for example, started in 1899, died in 1932, was revived a decade later and then finally disappeared in 1951. Others departments, such as chemical, industrial & manufacturing, computer science and nuclear engineering were added as research, commercial and enrollment interests increased. In recent years, "research centers" and "institutes" have been added in the area of water resources, transportation, materials research, hazardous waste management, energy conservation, wave research and metals.

In 1955, the engineering student population was almost 1100. Within the next 25 years, that number would triple. In 1978, the total engineering school budget was \$3.1 million. Nearly balancing that figure was \$2.6 million in grants and contracts brought into the school for research. By 1992, the budget had risen to \$9.5 million, with grants and contracts totaling \$10.6 million, the first year in which research funds exceeded the budget. Also that year, the College of Engineering graduated 500 students, with 137 master's and 31 doctorate degrees awarded.

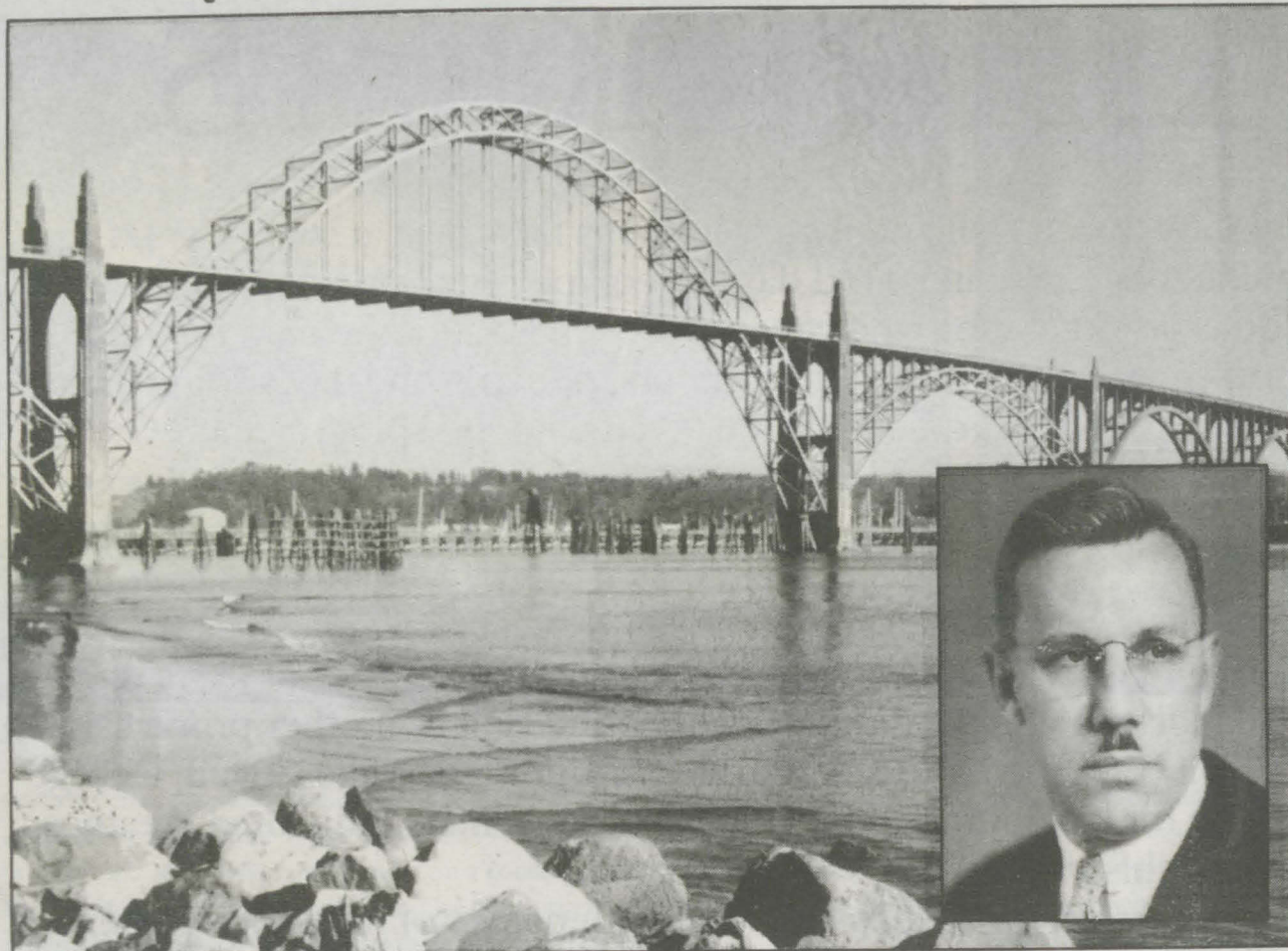
The trend for the '90s includes fierce competition for available state funds, so John Owen, dean of the College, is pursuing expanded research opportunities. At the same time the College has entered into a joint engineering program with the University of Oregon, Portland State University and the Oregon Graduate Institute, a cooperative focus on helping the state grow its key industries, including electronics, computer science and assorted other fields of engineering.

Tim Buckley is a freelance writer living in Salem. This is his first appearance in the Stater.

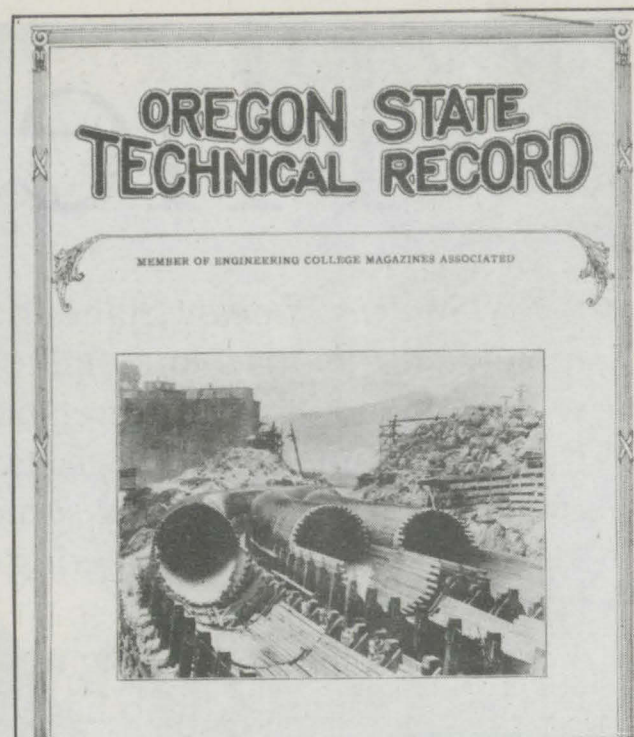


First Engineering Faculty, Ca. 1909. This is probably the first photograph taken of the Engineering School faculty after President Kerr reorganized OAC into schools in 1908. Grant Covell (*first row, third from right*) was the School's first dean and in 1889 had become the first engineering faculty member at Oregon State. The members of the faculty shown in the photo are, (*top row, left to right*) C.L. Knopf, Earl V. Hawley, Samuel H. Graf, Elmer P. Jackson, William M. Porter, Herbert E. Cooke, and Wilford W. Gardner; (*bottom row, l-r*) Willibald Weniger, Thomas M. Gardner, Gordon V. Skelton, Covell, Henry M. Parks, and Mark C. Phillips. (P25:1996)

History ...



Conde B. McCullough, ca. 1919. McCullough (1887-1946) became a member of the Civil Engineering Department faculty in 1916, and was chair of the department from 1917 to 1919. He left OSU that year to become bridge engineer for the state's Highway Department. In the 1930s, McCullough became one of the premier bridge engineers in the United States for his work in combining new bridge engineering techniques with aesthetic designs. He designed hundreds of bridges in Oregon, but is best known for many of the bridges on the Oregon Coast Highway (U.S. 101), such as the Yaquina Bay Bridge in Newport.

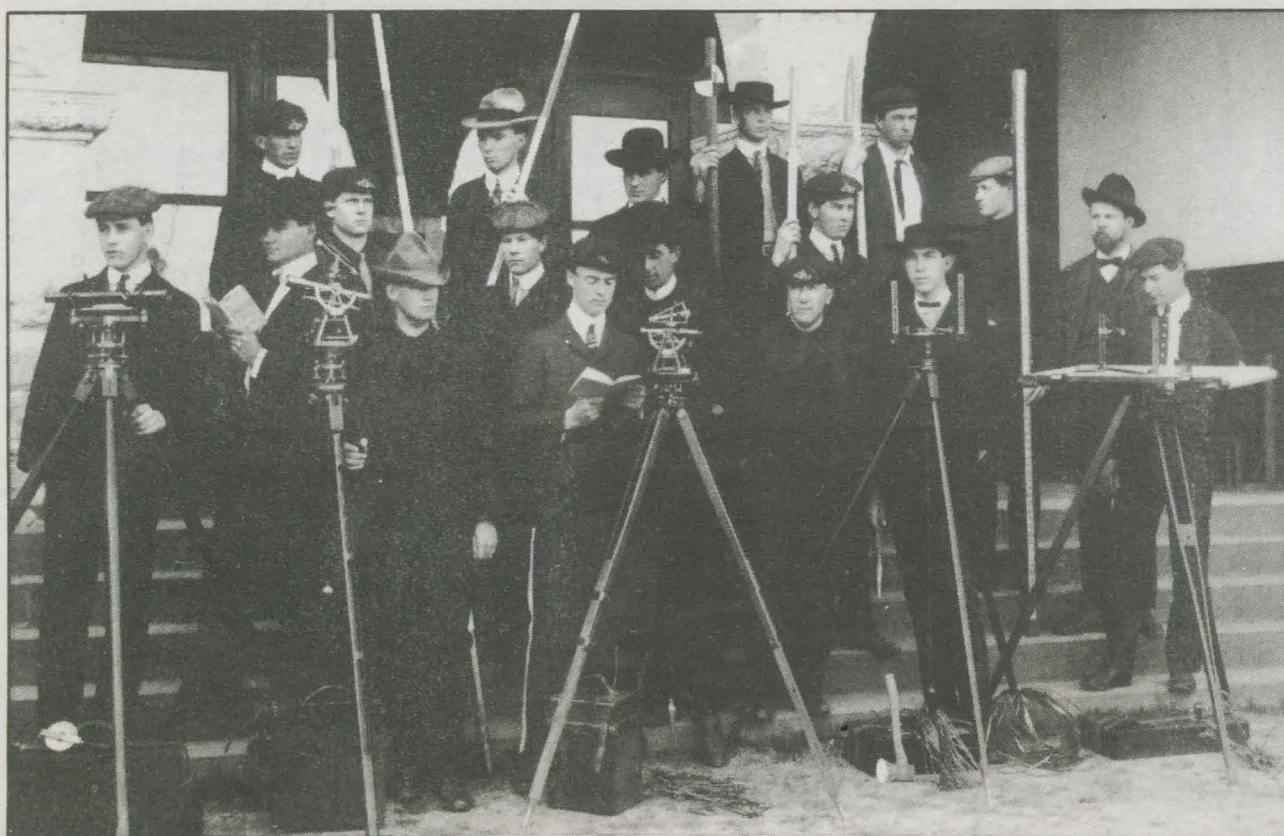
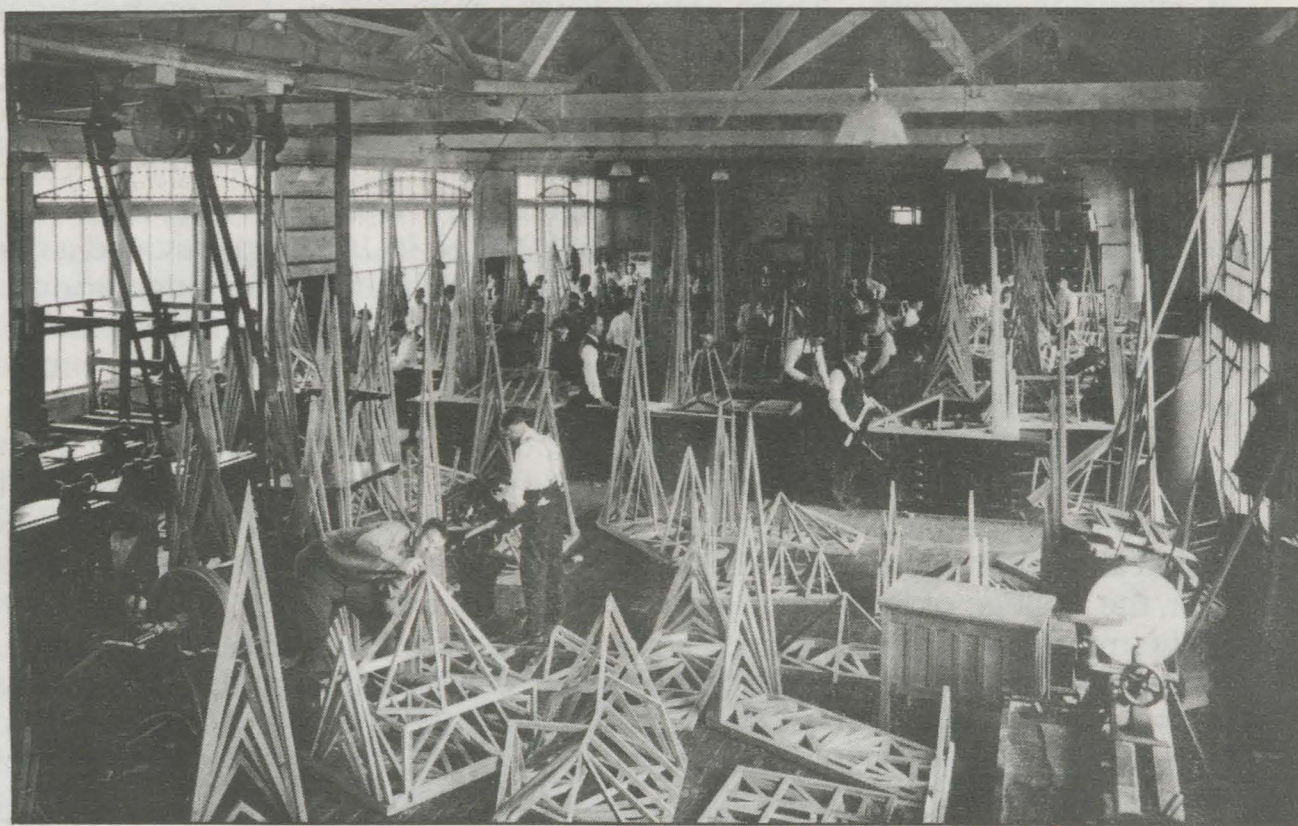


Oregon State Technical Record, Feb. 1929.

This journal was published by engineering students at OSU from 1908 to 1959. It was originally called the Northwest Journal of Engineering; the name changed to the Student Engineer with the December 1909 issue. The journal inaugurated a yearbook type of format in 1916, which lasted until 1924. That year, the name Oregon State Technical Record was adopted and its format began to evolve toward the leading professional engineering publications of the time. In 1928, the Technical Record was accepted as the twenty-second member magazine in the prestigious Engineering College Magazines Associated. The journal ceased publication in 1959 due to financial problems. (OSU Archives: PUB 10-15b)

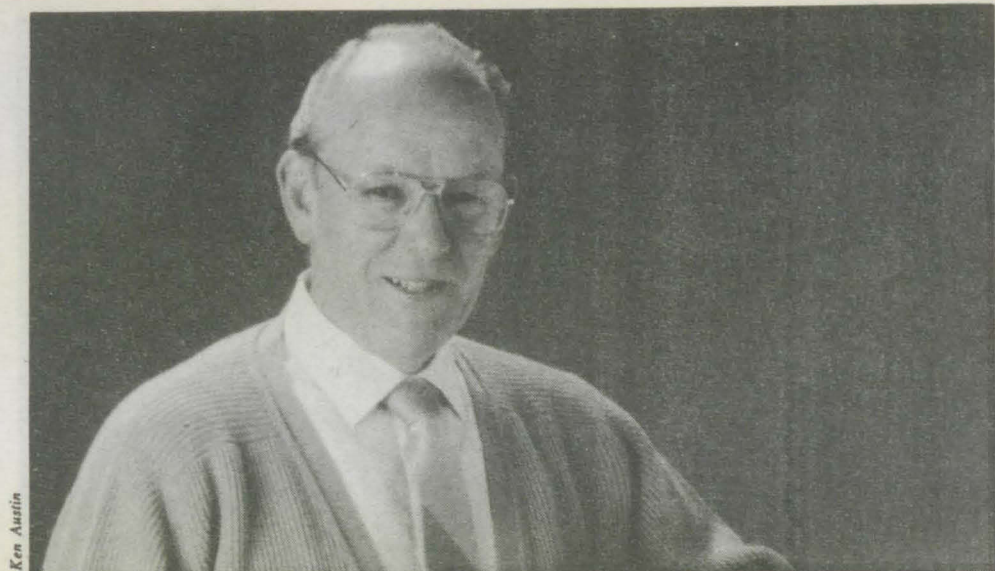
Mechanic Arts Class for Agriculture Students in the Use of the Steel Square, ca. 1913.

Mechanic Arts was a two-year program within the School of Engineering for students desiring industrial training. The 1913-14 OAC catalogue stated that "this course will be helpful to those who desire to become workers in wood or metal; to those who wish to teach industrial work in the schools of the State, or elsewhere, as well as to those who intend to take one of the degree courses later." In 1913, Oregon State offered shop classes in woodwork, patternmaking, blacksmithing, foundry practice, machine shop, and tool making and tempering. (P.951)



Surveying Class in Front of Mechanical (now Apperson) Hall, ca. 1904. Classes in surveying techniques have been a part of the engineering curriculum for more than 100 years. Even today, one can find students wandering the campus grounds practicing survey techniques that have changed little since this photo was taken. This class was taught by Gordon V. Skelton (at right with beard), a member of the faculty from 1895 to 1939. (P.607)

Historical photos appearing on this page and bottom of page 11 courtesy OSU Archives. Briefs written by Larry Landis.



Ken Austin ('54) *Industrial Administration*

He thinks of himself as a tinkerer, and this tinkerer holds 28 U.S. patents in the field of dental equipment. With those skills and a lifelong partner with great business sense, Austin and his wife Joan (pronounced Joanne) have made A-dec Inc. the largest manufacturer of dental equipment in the U.S.

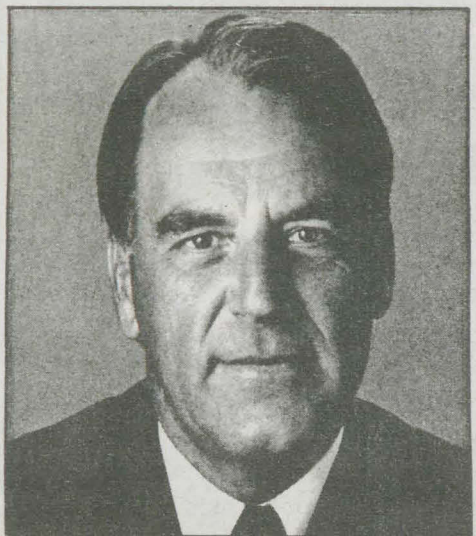
Anyone with lingering primal fears of dentistry can thank the Austins. Since 1964, A-dec has made the drilling quieter and cooler, the seating more comfortable and the light less glaring. A-dec has also had an impact on patient costs. Their equipment is more durable, more efficient and, knowing that most dentists are also tinkerers of a sort, much of A-dec's equipment can be serviced by dentists.



Paul Lorenzini ('69) *Nuclear Engineering*

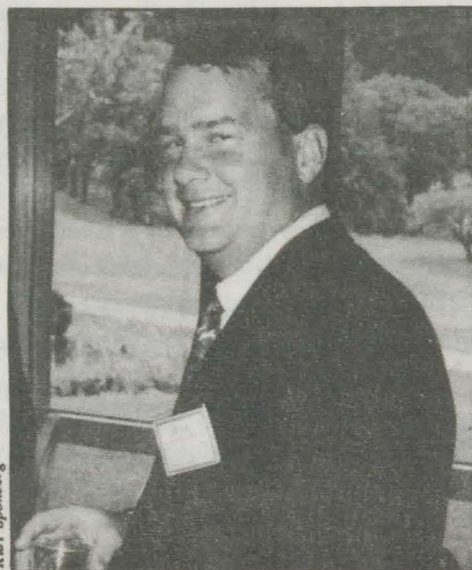
With a B.S. in marine engineering, a Ph.D. in nuclear engineering, a law degree and 20 years experience in engineering, management and law, Lorenzini is president of Pacific Power and Light. PP&L is a division of PacificCorp, serving 600,000 utility customers in the northwest and California.

Before joining PP&L in 1987, Lorenzini worked for Rockwell Hanford as vice president and general manager. He also worked for Rockwell in the '70s, as a nuclear engineer. For three years, he also practiced law in Portland.



John Young ('53) *Electrical Engineering*

John Young joined electronic giant Hewlett Packard in 1958, after a stint in the U.S. Air Force. Twenty years later, he became only the second CEO at H.P., taking over from founder Bill Hewlett. In the 14 years as CEO, Young oversaw a ten fold increase in the size of the company, with the



Jeff Peace ('73) *Aerospace and Mechanical Engineering*

The class of '73 was the last to have an aerospace engineer graduate. But that hasn't kept OSU engineering students from flooding the ranks of Boeing, according to Peace, who started with the aerospace giant in 1978.

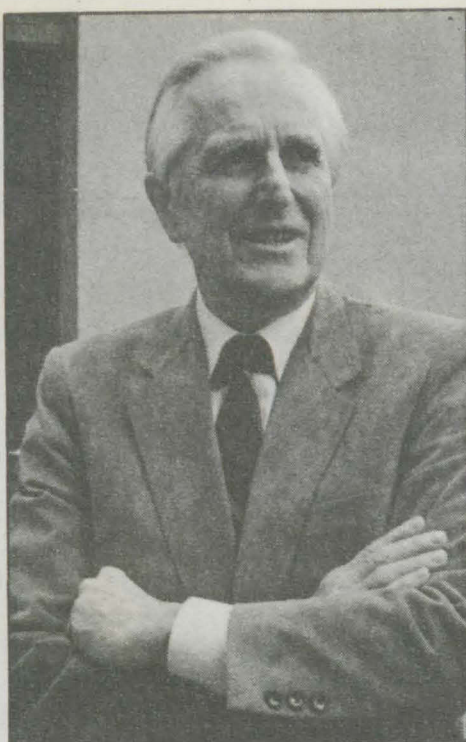
Peace is chief project engineer of Airframe Design and Integration for Boeing's new 777 commercial aircraft. That project is the first for Boeing, where representatives from eight airlines are part of the design/build team. Before moving to Boeing, Peace was on the U.S. Navy engineering staff of Admiral Rickover for five years.

Because of the importance of OSU to his company, Peace is working with OSU on a Boeing-sponsored program in "concurrent engineering." Boeing is also involved in OSU's Multiple Engineering Cooperative Program (MECOP), which extends the undergraduate degree into a fifth year, with two, three month "practicum" terms with a corporation.

Young con.

computer side increasing from 40 to 70 percent of the business.

Beyond corporate duties, Young was chairman on President Reagan's Commission on Industrial Competitiveness and later chaired the private sector group, called the Council on Competitiveness. Normally thought of as a Republican, Young joined other executives in helping President Clinton get elected.

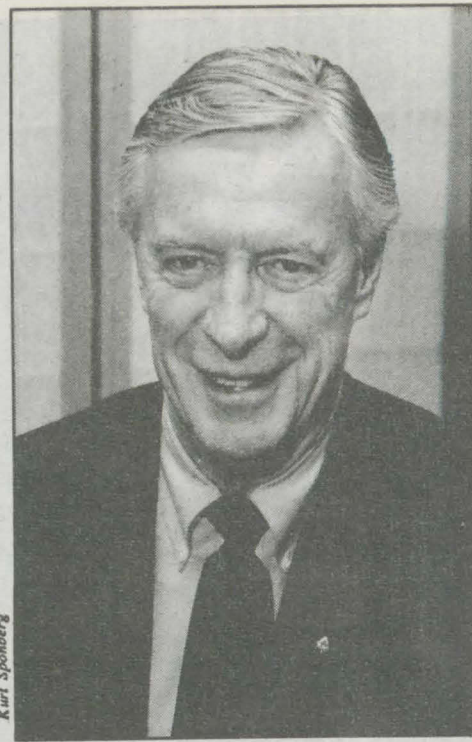


Douglas Englebart ('48) *Electrical Engineering*

"An X-Y Position Indicator for a Display System." That's what the patent calls it. You know it as a "mouse," an indispensable part of our professional life. It is one of the eight or ten of Doug Englebart's patents that have made modern personal computing so fast and convenient.

Surprisingly, he invented the mouse, as well as two-dimensional editing, multiple-window screens, cross-file indexing, integrated help systems, electronic mail systems, shared-screen teleconferencing and hypertext in the 1960s, before personal computers or Internet existed. While these tools are nice, Englebart is disappointed that we've not yet grasped the real message behind the tools: we're using the computer to do the same old routines a wee bit faster...we haven't begun to use the computer to "augment" human intellect and use the tool to re-invent how we work and live.

It was on that grander, social scale that Englebart launched into computers in the '50s, as a senior scientist and director of the "Augmentation" project at Stanford Research Institute, then Tymeshare Inc. and finally, McDonnell Douglas. In 1989, he started the Bootstrap Institute, which teaches corporations and government organizations about opportunities in interactive work environments. "Metaphorically," Englebart said, "the augmented corporation of the future will not be a bigger or better snail, but a whole new species, a cat."



Robert W. Lundeen ('42) *Chemical Engineering*

"Get up on your hind legs in front of an audience and talk." That's the advice young Lundeen got in high school from his father, who valued good communications as a means of getting ahead. It's a skill Lundeen counts among his greatest assets. He used it well working for Dow Chemical Company for 40 years, ending his career there in 1986 as CEO and chairman of the board. "In this field, particularly as you merge technical with managerial roles, knowing how to communicate is an enormously important part of developing a sensitivity to public issues...in our case, the impact of Dow's industrial development in communities where we located," he said.

Some of the management skills Lundeen has, he attributes to genes. The rest he got on the job, during World War II with the Army Air Corps in China, and later with Dow Chemical. His experience there helped him turn around the financially troubled Tektronix Corporation, during his short stay as board chairman and CEO, in the late '80s and early '90s.

Lundeen said small town living increased his sense of community spirit, reinforced by Dow's many locations in rural communities. Beginning with a term on the city planning commission in Concord, Penn., after the war, Lundeen has



Jean McGlenn Richardson ('49) *Civil Engineering*

Richardson was the first woman to graduate from OSU with a degree in civil engineering and the tenth woman engineer in the school's history. Her work in advancing the role of women in the field is as noteworthy as her work in engineering itself.

Early in her career, Richardson had to work for a month for free in an Alabama engineering company, where the owners were not even engineers, just to prove her capabilities. She later owned her own company and became the first woman to head maintenance engineering for the city of Portland.

The Society of Women Engineers recently honored Richardson with a national Fellowship. She has been an active member of SWE since the early '80s and was one of the founders of the Alabama chapter. She has also been Oregon's coordinator for Mathcounts - a national program to get 7th and 8th graders interested in math.



CH2M HILL

According to the story by Chuck Boice, in a 25 year old *Oregon Stater*, Holly Cornell ('38) only meant to help out a former professor. He stopped in to say hello after getting home from the war in 1945 and found Fred Merryfield ('23) too busy to talk. Merryfield needed help on a consulting job he'd taken - a Willamette River pollution cleanup project - and he put Cornell to work on a drafting table in a spare bedroom. Those were the first days of CH2M HILL.

Cornell and Merryfield were the 'C' and 'M' in the company. The two 'Hs' were Thomas Hayes and James Howland, classmates of Cornell at OSU, who joined to form the corporation in 1946. Though all former students of Merryfield, each had gone to graduate school and a couple of years of work before being inducted into the war effort, according to Jim Howland, who was the firm's managing partner for 30 years.

In the field of environmental engineering (industrial and municipal waste treatment), CH2M HILL is now the largest strictly engineering company in the country, with 5600 employees and nearly \$600 million in annual revenues. Their international headquarters are in Denver. The Corvallis office, now part of the Oregon/Pacific region, serves as the corporate hub for accounting and computer work.

CH2M HILL has an unusually stable employee base, with a 5 percent turnover rate. A major reason is because of the company's employee stock ownership program and a profit sharing plan, implemented in the late 70s.

There are probably 300 OSU engineering graduates working for CH2M HILL, according to Ralph Peterson ('69), president and CEO of the family of companies under the CH2M HILL umbrella. And, with one or two exceptions, an OSU grad has always been at the helm of the company. With that kind of history, it's no wonder the partnership between the two organizations is so strong.

In the above photo, the founders (plus one) are, *left to right*: Burke Hayes, Jim Howland, Holly Cornell and Fred Merryfield. All are OSU alumni. Clair A. Hill, who merged his company with CH2M in 1971, is wearing glasses. OSU's new alumni center, scheduled to be built in 1995 and to be named the CH2M HILL Alumni Center, honors these five Oregon Staters and was made possible by a gift of \$2 million from the company.

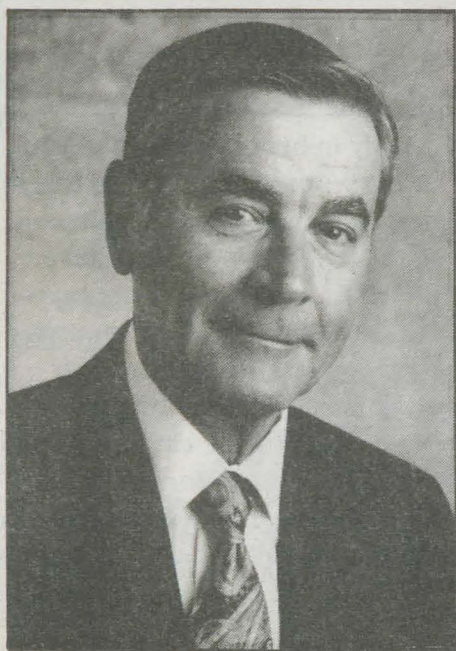


Linus Pauling ('22) Chemical Engineering

Linus Pauling is OSU's most distinguished alum as well as the University's most distinguished engineering graduate.

There are a couple of reasons why America's only double Nobel Prize winner (Chemistry '54 and Peace '63) remembers OSU fondly. While working as a paving surveyor, to make the needed funds to continue his chemical engineering studies, OSU hired him full time to teach quantitative chemical analysis to students a year behind him. Years later, after he had distinguished himself in the fields of chemistry, medicine, physics, nutrition and world peace, institutions including OSU, Cal Tech and the National Library of Congress queried Pauling about donating his papers, medals and memorabilia. "OSU ended up with a major archive because they wanted everything," Pauling said. "Cal Tech said they would send a man to review my work and then decide what they wanted." That aggravated Pauling. "Besides," the 93 year old Pauling continued, "among OSU graduates, I am in a unique category. At Cal Tech, I'm just one of a number of famous graduates."

When asked about his passion for cures and humanitarian causes, Pauling credits his wife, Ava Helen. "She was always interested in civil rights and peace issues," he said. "She tried not to involve me in it until 1945. Then, she thought it appropriate for me to give up time from science for peace work," Pauling explained. "Many see my work as altruistic," he continued, "like the San Francisco physician who has written a book on the subject of my humanitarian career. I don't think of it that way...I was just doing it to satisfy my curiosity," he said. At a university seminar during the '60s, a student asked Pauling for advice, whether to continue studies or work for the abolition of nuclear weapons. "I told him to finish his education, then, when he became a Harvard professor, he could throw his weight around. And he did it," Pauling laughed. "He is doing just that."



James Poirot ('53) Civil Engineering

"The presidents of Chili and the Philippines are engineers. In most other countries, engineers are revered, in business and as civic leaders," said Poirot, Chairman Emeritus for CH2M HILL and president of the American Society of Civil Engineers. His message to students and faculty is to be more visionary

and inspired about the role of engineers in civic and political life.

Poirot was president and CEO of CH2M HILL from 1983 to 1990. Like many of the company's executives, he had worked his way up from the technical ranks. After joining the Corvallis - based company in 1953, Poirot opened their Seattle office and later, another in Atlanta. One of his most interesting projects was in Alaska shortly after the devastating 1964 earthquake, helping to design and move the city of Valdez. "We had to quickly find a new location that had stable soils, a good water supply and room for a sewage treatment plant - not an easy task in Prince William Sound, wedged between the mountains and the sea, on land that is almost all in a permafrost zone," Poirot said.

One of his most enduring contributions to the profession of engineering was spearheading the effort to write the *Manual of Professional Practice for Quality in the Constructed Project*. It was published in 1993, after six years of work and the contributions of and review by 50,000 engineers.



Ralph Peterson ('69) Civil Engineering

There is no magic to it, but there is a lot of finesse. Peterson has been with CH2M HILL since his student days in Corvallis, and is now president and CEO of the international company, with 5,600 employees in 70 locations worldwide. He knows what makes CH2M HILL unique - their

global experience, sensitivity to other cultures, and ability to accomplish technical feats that "have the fewest negative side effects." For example, a coal gasification plant project he supervised cleaned and recycled its process water, saving scarce water resources and avoiding excessive discharges.

Peterson's personal interest in environmental engineering has had much to do with CH2M HILL's rapid climb in the field of industrial waste processing (about 36 % of their business), as well as their expansion overseas (from 2% to 10% of their business in the past three years). "The earth's population will reach 10 billion people in the next 30 to 40 years," he said. "To house that number in the same limited space will mean a sustainable approach to our economic growth, and there is a definite environmental side to that equation," Peterson added.



FOUNDATION FUNDAMENTALS

by John Evey

President Byrne recently had the opportunity to meet with members of the OSU Foundation Development Committee, volunteers who assist with the University's Development Program. During the meeting he shared with them the incredible impact private gifts have made on Oregon State throughout his tenure of nearly a decade.

Beginning with the "FourSight!" program of the mid-eighties, he cited many specific examples of significant gifts. This program prompted six- and seven-figure donations, while providing a base upon which many important accomplishments have since been realized. Among other things, FourSight! enabled OSU to build housing at the Hatfield Marine Science Center in Newport to match a National Endowment for the Humanities Grant to create a program endowment for the OSU Center for the Humanities; to create a central services laboratory to support genetic research and biotechnology in all disciplines (now perhaps the most active program area on campus); and to develop several materials science laboratories. In addition, OSU established the first endowed position in materials science...the Milton Harris Chair.

Expanding upon that first endowed position, today OSU boasts 15 endowed faculty positions, created either by single gifts or, in some instances, by gifts from literally hundreds of donors. The list of privately supported buildings and equipment is extensive. Bates Hall (family study center), the Valley End-Zone Center and the Aune Press Box in Parker Stadium, the new University Theatre, the Gladys Valley Gymnastics Center, and the Environmental Computing Center represent the most recent and most visible facilities developed primarily or exclusively with private dollars. Significant equipment in the Agricultural and Life Sciences building, nuclear magnetic resonance equipment for physics, stone artwork in the Electrical and Computer Engineering building, and the Walker Recital Hall in Benton Hall, all exist thanks to caring people who invested in OSU's future.

The Presidential Scholarship Program provides another outstanding example of private dollars at work to foster a positive influence on the future. Launched in 1983, the program has now supported 400 students with average entering GPA's of over 3.95. Annual gifts from the program, along with earnings from endowments, maintain 100 scholarships each year. It is our ambition to eventually have a completely endowed Presidential Scholarship Program.

Private gifts have helped make the difference between mediocrity and excellence for a multitude of programs at OSU. Working in conjunction with deans and directors from throughout the University, President Byrne identified several priorities for the upcoming years. They include: (1) *Library Expansion Campaign* (maximum priority - \$36 million); (2) *Scholarships and Fellowships* (maximum priority - \$6 million); (3) *Endowed Faculty Positions* (maximum priority - \$6 million); (4) *The CH2M HILL Alumni Center* (special priority - \$6.5 million).

Private gifts, like those mentioned above, will allow OSU not only to realize these goals, but continue its commitment of excellence to future generations of students and citizens of Oregon.

Private Gifts to OSU Set Record Levels

Story by David Fulton.

By December 31, 1993, six months into the fiscal year at OSU, private gifts to the OSU Foundation had reached \$30.2 million, Foundation executive director John W. Irving reported.

According to John M. Evey, OSU's director of development, the six-month results set a new record.

The \$30.2 million in gifts raised between July 1 and Dec. 31, 1993, compares to \$7.5 million for the same period in 1992 and \$13.2 million for the first six months of fiscal 1991.

Especially noteworthy this year, Evey said, has been the increase in gifts of \$50,000 and over—50 by Dec. 31 this fiscal year compared to 23 by the same date last year.

A sampling of major gifts received by the OSU Foundation so far in the current fiscal year includes:

A bequest of the late Kay Richardson of timber land in Polk County, valued at \$13.3 million, to benefit the College of Forestry;

A gift of \$1.5 million from Al Hundere, a 1938 engineering graduate who lives in San Antonio, Texas, to endow the Hundere Chair of Religious Studies (a gift which hopefully will

attract from the Oregon State Board of Higher Education Endowment Match Program an amount equal to the earnings from the \$1.5 million endowment);

Securities valued at \$450,000 from Colonel M. Miller "Hug" Huggins—also class of 1938—of Holualoa, Hawaii, to benefit intercollegiate athletics;

Commitments from the M. J. Murdock Charitable Trust of \$50,000 to establish an optical science and materials instructional laboratory, and \$55,000 to the Science and Mathematics Investigative Learning Experience (SMILE) Program to develop and maintain two weather stations; a gift of \$100,000 from the Burlington Resources Foundation (on behalf of Burlington Resources Inc.) to establish a Faculty Achievement and Development Endowment; and gifts totaling \$900,000 from the Wayne and Gladys Valley Foundation to support renovation of Mitchell Hall for use as the gymnastic center and the new theater in Withycombe Hall, and to benefit the Marine Mammal Research Fund.

"We are delighted by the way private donors are responding to OSU's needs," said M. Lynn Spruill, OSU's chief institutional advancement officer.

"It shows they care about the University. It also shows their determination to keep it strong.

"The University's budget is made up of funds from many sources," Spruill said, "and each type of support plays a particular role. The 30 percent of our operating budget we receive from the state provides partial funding for such items as faculty salaries, library book purchases, basic infrastructure and services, and some building maintenance. Tuition goes largely for instruction. Research grants and contracts, mainly from the federal government, support much of the advanced research going on at OSU in such fields as biotechnology, agriculture and fisheries, the physical sciences, pharmacy, and oceanic and atmospheric sciences.

"The monies we receive as gifts strengthen our entire program, build the endowment which insures our permanence, and help us achieve our priorities for improvement," Spruill stated. Current top priorities at OSU are gifts to match state support for the new university library, to increase funds for student aid, and to endow faculty positions.

Diane Denning and Gretchen Hirons contributed to this story.

Medford Couple's Bequest to Honor Nephew, Help OSU Students

Sometimes it takes Jennie Williams a while to answer when the doorbell rings at her modest frame bungalow in Medford. That's because she's likely to be upstairs, working on a quilt. "Upstairs" is a loft, finished off by her late husband, approached by an almost vertical ladder-like staircase which this vivacious woman, born in 1914, climbs and descends with remarkable agility.

Some years ago, Jennie Williams and her late husband took steps to become major donors, through the Foundation, to Oregon State University. Recently she agreed to be interviewed about their gift.

In her sunny breakfast nook one morning, Jennie told her interviewer, "If you want to know what makes me tick, we've got to go back a way." With that she began a guided tour through the family history — ancestors who arrived in the 1600s — not on the Mayflower, but soon thereafter, settling in Vermont, migrating to up-state New York, fanning out in the new and expanding nation where they'd come to live. Indeed, her story is the perfect paradigm of the Westward Movement. By the time of her birth — Sept. 22, 1914 — her typesetter father and her mother, trained to operate the then-newfangled Linotype, had made it as far west as Flagler, Colo., where for a while they homesteaded. Four years later the family moved to Portland.

Times were tough. Her father, having contracted lead poisoning and no longer able to set type, worked at a variety of jobs. Growing up, Jennie (she was then Jennie Alexander) belonged to 4-H, and raised rabbits which provided much of the family's meat supply. Her lovingly-kept picture albums tell the story of a close-knit family which got together for reunions, folks who worked hard and held their heads high through thick and thin, and valued one another both as human beings and as family.

Later, as in society as a whole, this family too had its share of tragedies, family breakups, and remarriages. Jennie, the oldest child, went to OSU for one semester. Hard times precluded more. Brother Lucien Alexander made it all the way through,

graduating with a degree in forestry. Subsequently he married an OSU pharmacy grad. During Jennie's first marriage, which ended in divorce in 1951, she spent a lot of time caring for her nephew, Lucien's son Jerry. With no children of her own, Jerry became like a son to her — and subsequently also to her second husband, John Williams, whom she married in 1952.

Following in the family footsteps, Jerry Alexander also went to OSU

where he was in NROTC. He graduated in June 1965, was commissioned an ensign, and became a submariner. Three years later this promising young naval officer was killed in an accident in the North Sea, trying to disengage a submarine propeller which had become fouled. It was a sad loss for the Williamses, and remains so for Jennie to this day.

Over the years, Jennie and John thought about doing something to commemorate Jerry. By the early 1980s they had reached their decision. Others in the family were well enough off that they didn't need their money, so they decided to leave their estate to

See Couple p. 20

Pass this Quiz

(to enhance your financial future)



- | | True | False |
|--|--------------------------|--------------------------|
| 1. I need to supplement my income. | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. I own appreciated stocks or real property. | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. If I sell my assets, I will pay tax on the capital gain. | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. If I give my assets to OSU to create a life income plan, I avoid taxes, obtain a current tax deduction, receive an income for life, and ultimately make a gift to the University. | <input type="checkbox"/> | <input type="checkbox"/> |

For more information on enhancing your financial future through giving to OSU, return the coupon below or call 1-800-354-7281. There is no obligation, and your inquiry is strictly confidential.

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Name

Class Year

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Phone Best Time to Call

Charitable
Estate
Planning



Mail to: Joseph W. Skehen
Director, Charitable Estate Planning
OSU Office of Development
Snell Hall 517, Corvallis, OR 97331
Telephone: (503) 737-2895

\$1.5 Million "Christmas" Gift Establishes OSU's 13th Endowed Chair

Texas millionaire Al Hundere '38 establishes an endowed chair in philosophy and religious studies with a \$1.5 million check he told OSU it could not cash until Christmas Day.

Story by Mark Floyd

A leading Jesus scholar at OSU has received a timely and very special Christmas present—a check for \$1.5 million to the OSU Foundation dated Dec. 25, the traditional birthday of Jesus.

The gift, from a 1938 OSU graduate, will be used to create an endowed chair of religious studies in the Department of Philosophy.

Al Hundere of San Antonio, Texas, who received his bachelor's degree in mechanical engineering from OSU, made the gift primarily in recognition of the scholarly work done by Marcus Borg, professor of philosophy and a national leader in historical Jesus studies.

Borg will become the first holder of the Hundere Chair for Religious Studies, OSU officials say.

"This is a tremendous endorsement of the study of religion," Borg said. "To have this come from an engineer, and someone who doesn't have a religious agenda, is particularly gratifying. Mr. Hundere knows that religion is vital in shaping attitudes, politics and the lives of people around the world."

Borg has been a fellow and spokesperson for The Jesus Seminar, an international group of some 125 eminent scholars trying to determine which of the words attributed to Jesus were actually his. He also has played an active leadership role in the Society of Biblical Literature, chairing the Historical Jesus section and co-chairing the New Testament program committee of the International Society of Biblical Literature.

A noted author, Borg has written several books, including the acclaimed "Jesus: A New Vision." Published in 1987, it has gone through five hardbound and four paperback printings.

His latest book, "Meeting Jesus Again for the First Time," was released by Harper San Francisco in mid-December.

Hundere became aware of Borg's Jesus studies through reading feature articles in OSU's alumni publication, *The Oregon Stater*, according to Jeffrey Hale, development director for OSU's College of Liberal Arts.

Hundere, founder of Alcor, Inc., a Texas aviation fuel and products company, sent clippings from the publication to his friends and family as part of a Christmas letter last year.

"He saw Borg as a scholar willing to buck tradition and seek the truth, not accept religious dogma at face value," Hale said. "Mr. Hundere is a firm believer that truth and knowledge are necessary to gain insight."

Borg said Hundere is aware of the global importance of religion.

"He appreciates that an informed understanding of religion can greatly affect our attitudes toward population control, the environment and human future," Borg said. "He wants the world to be a better place for his children and for his children's children."

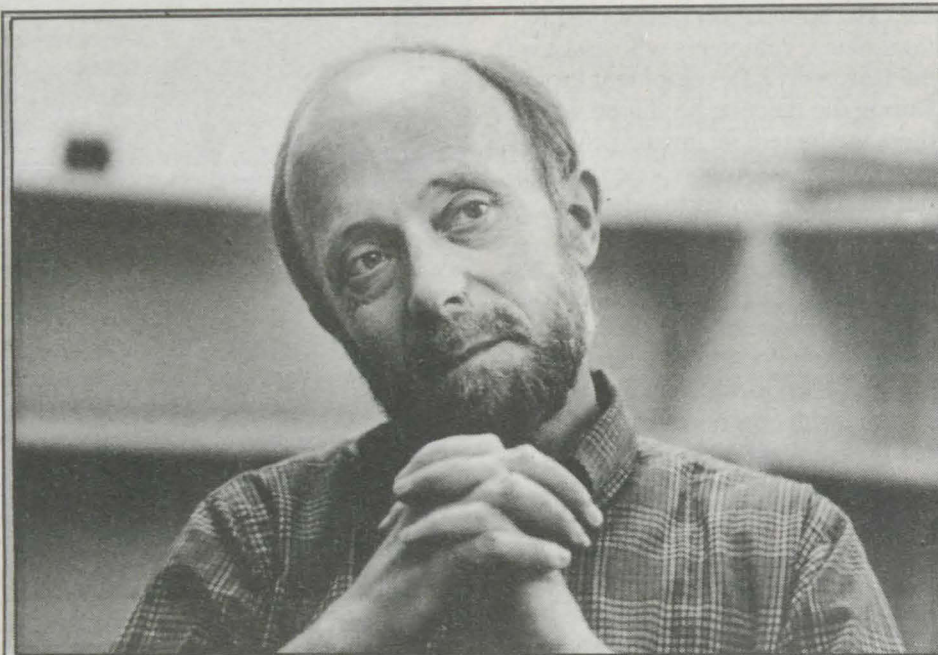
The 80-year-old Hundere is a native of Hamlet, Ore., which used to be a small town just outside of Astoria. It no longer exists. He enrolled at OSU in the 1930s, where he became friends with the future founders of CH2M-Hill, a national engineering firm.

Hundere's gift to OSU will support Borg's studies and other scholarly work, according to Kathleen Moore, chair of OSU's Department of Philosophy. Moore said earnings from the endowment will pay salary, support travel and research for the chair, and fund other academic activities.

"The first thing that Marc said was that he couldn't wait to teach a new course on wisdom—featuring Socrates, Buddha, Lao-Tzu and Jesus—and offer it to hundreds of freshmen and sophomore students," Moore said. "Taking on a large, undergraduate course is not the typical response you usually get from a professor who was just named to an endowed chair."

Moore said that about one-third of the endowment earnings will fund OSU's recently established Program on Ethics, Science and the Environment, also housed in the Department of Philosophy. Also planned are a series of private-fund supported speakers and conferences.

"We hope to bring in the top Jesus scholars in the nation to Corvallis for a conference in 1996 on the 2,000th birthday of Jesus," Moore said. Historians say Jesus actually was born in 4 B.C.



Borg

Borg's New Book Emphasizes "Feminine Imagery" in Teachings and Politics of Jesus

By Mark Floyd

A leading national figure in historical Jesus scholarship has written a new book that emphasizes "feminine imagery" in the teachings and politics of Jesus.

In western religious traditions, God is commonly depicted in masculine forms—as father, king, or shepherd, said Marcus Borg, a New Testament scholar in the Department of Philosophy at Oregon State University.

In Judaism, however, the "Wisdom of God" is sometimes personified in feminine form, Borg said.

"The Greek word for wisdom is Sophia and the Gospels speak of Jesus as the prophet of Sophia and even as the child of Sophia. We are accustomed to hearing about Jesus spoken of as 'Son of God.' To realize that early Christians also spoke of him as 'child of Sophia' makes it clear that neither is to be taken literally. They are complementary metaphors used by early Christians to speak about the significance of Jesus."

Borg is not arguing that Jesus was a woman. "Masculine" and "feminine" refer to traits which transcend the biology of male/female. Even inanimate objects, which have no sex in the biological sense, can be said to have masculine or feminine characteristics, or even a combination of both.

According to Borg, characteristics attributed to Jesus which are usually classified as feminine, such as nurturing and gentle, have been submerged beneath traditionally "masculine" characteristics as stern, paternalistic, and judgmental, as personified in the Old Testament portrayals of God.

In fact in Aramaic, the language Jesus spoke, the word for compassion is derived from the word for womb, Borg pointed out. So when the New Testament talks about a compassionate God, it is referring to God as womblake and life-giving.

In Borg's new book, "Meeting Jesus Again for the First Time," he argues that the feminine references to Jesus were reflective of an early church in which women played a prominent role. It wasn't until the end of the first century that feminine imagery gradually submerged, coinciding with the

institutionalization and male dominance of the church.

Borg is an internationally recognized scholar in the historical studies of Jesus. He is a Fellow of The Jesus Seminar, an international group of scholars who are trying to determine the historical accuracy of all the words attributed to Jesus in the gospels.

The Jesus Seminar has published a controversial new edition of the gospels with the words of Jesus printed in four different colors, representing the scholars' opinion of their level of authenticity.

Published by Macmillan, "The Five Gospels: The Search for the Authentic Words of Jesus" was released Dec. 15.

Borg also has chaired the Historical Jesus section of the Society of Biblical Literature and is a technical advisor to a new film on Jesus planned by acclaimed filmmaker Paul Verhoeven.

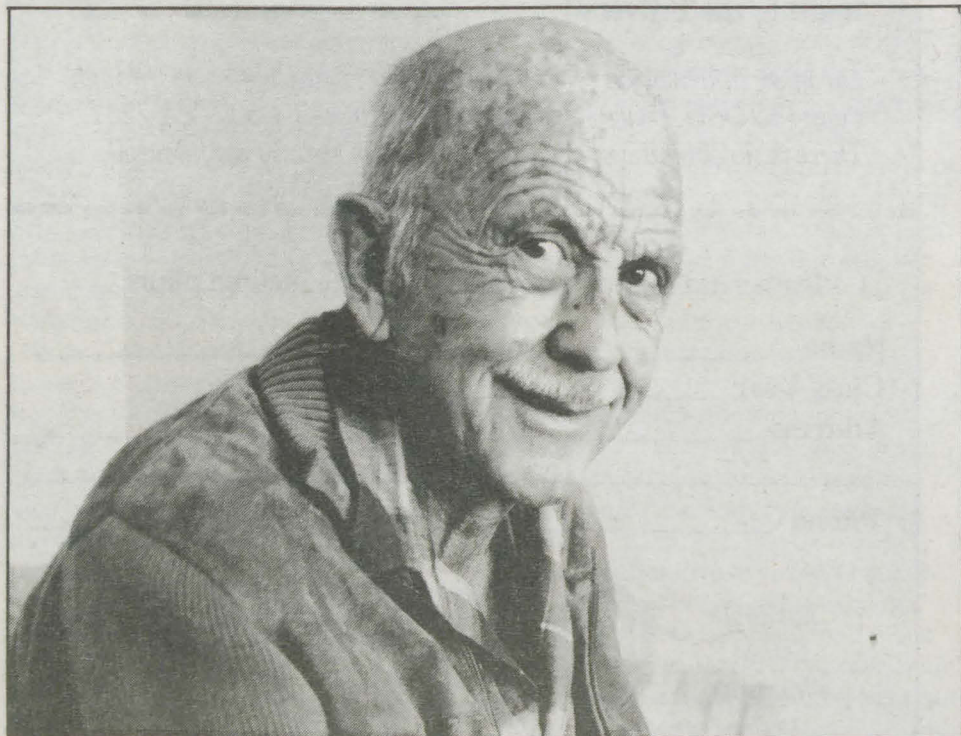
"Meeting Jesus" is Borg's fifth book and follows a major work in 1987 called "Jesus: A New Vision" that has gone through five hardbound printings and four paperback printings. Borg said his latest book is aimed at bringing the results of historical scholarship to Christians.

It was not, he said, a defensive reaction against criticism that the work of Borg and the Jesus Seminar is blasphemous.

"Actually, there has been a tremendous response by people in mainline churches to 'Jesus: A New Vision,'" Borg said. "There is a lot of interest in who Jesus was and what he was like. One of the messages I am trying to get across is that many references to Jesus—in the Bible and elsewhere—were not meant to be literal. They are figurative."

"In churches where I have spoken, people are generally relieved not to have to interpret them literally. Many had not heard that before."

Borg's new book also outlines the teachings and politics of Jesus, who advocated a philosophy of compassion. That put him at odds with much of the first century society, Borg said, which embraced the politics of purity.



Al Hundere '38

'20s

Milo Means, '22, celebrated his 98th birthday in March 1993. He lives in the Idaho State Veterans Home in Boise, Idaho, and is in relatively good health. He participates in World War I activities.

Claude E. Hall, '29, of Newport recently received a plaque honoring him for services he rendered to the U.S. during World War II. He was chosen to represent all volunteer members of the 57 World War II Oregon draft boards at the Oregon Military Department's 50th anniversary commemoration of the volunteer draft board. Among his many business and civic activities, Hall is past president of the Oregon Independent Grocers Association, past president of the Lincoln County Fish and Game Association and past director of the Oregon Coast Association. He served on the Waldport City Council for 30 years, was mayor of Waldport and served in the Oregon House of Representatives.

'30s

Donald E. Tomlinson, '35, and his wife, **Louise Lerch Tomlinson**, '32, are living in Wickenburg, Ariz., where they are active in volunteer work. Tomlinson owned a wholesale paint distributing company for many years and later started a factory representative business.

Stanley Green, '37, of Prineville was honored by over 100 friends and family at his recent birthday celebration. He is active in the Prineville Presbyterian Church, the Central Oregon Retired Educators, the Prineville Camera Club, the legislative committee of the Chamber of Commerce and numerous rose societies.

Frederick Cramer, '38, reports he enjoyed the 55th reunion this year of the class of 1958. He is retired after a career with the National Marine Fisheries Service.

Elbert Stidd, '38, writes that he and his wife have four great-grandchildren and another due in March. He is planning to attend the 54 year reunion of his flying class at "West Point of the Air" in San Antonio, Texas.

Gene N. Thompson, '38, owner of Thompson Timber Co., was elected chairman of the board of Citizens Bank.

'40s

South Coast banker and former dairy producer **A. W. "Bill" Sweet**, '41, of North Bend was recognized as one of the 1993 Diamond Pioneers by the OSU College of Agricultural Science. The award honors those 75 and older for their contributions to agriculture. Sweet left the dairy business in 1960 to enter banking, became chairman of the board of Western Bank and now serves as an emeritus director. He is in the Oregon Bankers' Hall of Fame.

Charles Chandler, '41, of Baker City also has been recognized as one of the 1993 Diamond Pioneers by the OSU College of Agricultural Science. He is a leader in the Hereford cattle business at state, local and national levels and has served as past president of the American Hereford Association.

Frank Stanton, '41, and his wife, **Coralie Cassell Stanton**, '63, of Portland recently celebrated their golden wedding anniversary. He was employed with the Oregon State Game Commission and retired from the U.S. Bureau of Land Management. She was a high school teacher and society and religion editor for the Tarrytown Daily News.

Robert L. Lamborn, '44, is the owner of Lamborn Family Vineyards in Napa Valley.



Leland Gordon Cole, '42, and **Marcia Schrupp Pickens**, '44, were married in June 1993 and are now living in Lake Oswego and San Mateo. Cole is currently technical director of Environmental Sciences. He had served on the staff of California Institute of Technology and Michigan University.

He also was vice president of Beckman Instruments and Whitaker Corp. Pickens served as head of consumer relations for American Viscose Corp. and later as a department head for Tigard High School.

Richard Herndobler, '43, continues to serve as national director of the Elks Drug Awareness Program, which he developed in 1983. He reports that "it is a volunteer, 24-hour a day job with much travel over the states."

Lynn Newbry, '44, received the First Citizen of the Year award from the Medford/Jackson County Chamber. Newbry is a former Medford Corp. vice president and former state senator from Talent.

Betty Lu Nixon Johnstone, '45, recently married Dr. Herb Anderson, former pastor of several Oregon Baptist churches and current pastor of a church in Prineville. She retired in 1992 as a librarian at Western Baptist Seminary.

Lt. Col. Earl L. Johnson, '48, retired after 20 years of military service, is practicing sustained yield, multiple use forestry in southern Washington County.

Rev. David W. Gordon, '48, has retired after over 41 years in the ministry of the Episcopal Church.

Walt Schroeder, '49, was named Citizen of the Year by the Gold Beach Chamber of Commerce. Schroeder served three terms as a state legislator for Curry and Coos Counties as well as many years as an OSU Extension agent.

'50s

James Barratt, '50, president of Jim Barratt Tours and a former OSU athletic director, has been elected to the board of directors of the State of Oregon Sports Hall of Fame Inc.

Robert C. Wilson, '50, a Corvallis contractor, has retired as chairman of the board of Citizens Bank.

Bob Ticknor, '50, a horticulturist at OSU's North Willamette Agricultural Research and Extension Center, has introduced three new varieties of rhododendrons, including one with green flowers.

Barnett C. Howard, '50, retired from Burroughs Wellcome in 1993. He built a log home near Sisters and keeps busy with fishing, building projects and gardening.

Robert E. McDole, '52, reports he is enjoying retirement in Port Townsend, Wash. His sons both graduated from OSU.

Celia Brown Speece, '53, a Washington State certified marriage, family and child therapist with over 30 years experience in the mental health field, has opened a practice in her home.

Bruce McGregor, '55, is director of the Job Council in Medford. He has served as Grants Pass mayor and as a Josephine County commissioner.

Allan G. Thompson, '56, has worked for Standard Insurance Co. for 32 years and continues to be the company's lobbyist before the

Oregon Legislature.

Floyd V. Lewis, '56, retired in 1991 after 35 years working in electronic engineering in California. He lives in Sunnyvale and enjoys travel, photography and electronics hobbies in his retirement.

James L. Christianson, '56, is a Presbyterian minister in Southern California, but misses the Northwest. He owns a home in Port Orchard, Wash., where he plans to retire.

Alvin R. Paden, '57, retired from Raytheon Co. in 1992 after working there 35 years as an engineer. He and his two sons, who are also engineers, have formed a new company that specializes in magnetic bearings.

Stanley Hong, '59, has been appointed senior vice president for business development for McCormack Properties, Ltd. He will be responsible for developing capital sources for real estate investments and working with partners on development projects. Prior to joining McCormack Properties, he served as president and chief executive officer of the Hawaii Visitors Bureau for nine years. He is currently an OSU Foundation trustee and co-chairman of the Hawaii Regional Committee.

Lynn Lundquist, '59, a cattleman from Powell Butte and former college educator, is seeking the Republican nomination for state representative in Oregon House District 59. He recently was appointed to the state Board of Agriculture and is president of the Oregon Cattlemen's Association.

Floyd Bodyfelt, '59, professor of food science at OSU, is an internationally known expert in the development of dairy products. He developed a new ice cream, "Rocky Trail," to commemorate the 150th anniversary of the Oregon Trail.

'60s

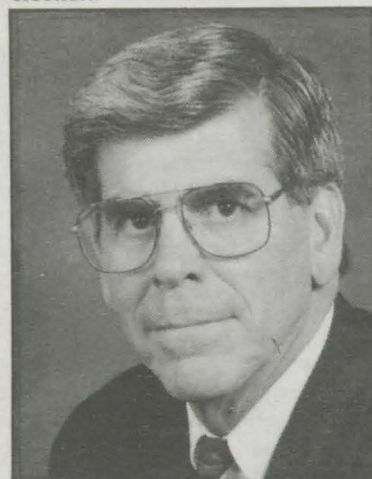
Fred T. Krogh, '60, of Tujunga, Calif., has worked at the Jet Propulsion Laboratory since 1968 doing research and consulting in computational mathematics.

John A. Turner, '61, and **Judy Barnhart Turner**, '62, live in Salinas, Calif. He has a law practice in Marina and she teaches.

Stephen T. Schenk, '62, of Lake Oswego, has been reappointed to the Oregon State Board of Engineering Examiners. He is a registered electrical engineer in

private practice.

Mary Pattie Tobias, '63, president of the Tualatin Valley Economic Development Corp., will seek the chairmanship of the Washington County Board of Commissioners in the May 1994 election.



John H. Sloane, '64, has been named president of Reynolds (Europe) Limited and vice president of Reynolds International, Inc. He will be based in Lausanne, Switzerland.

Don Peterson, '64, and his wife, **Margaret Manchester Peterson**, '64, are owners of Parsons Canby Pharmacy in Canby.

Susan McQuaid Ogilvy, '64, received an MFA in painting from the San Francisco Art Institute in 1991.

Carolyn Penketh Oakley, '64, is currently serving her third term in the Oregon House of Representatives.

Edith Traylor Thompson, '65, recently opened a private practice as a dietitian consultant in Pendleton. She is also employed as tribal nutritionist for the Confederated Tribes of the Umatilla Indian Reservation. Her husband, **Rodney E. Thompson**, '64, owns Pendleton Safe Lock & Key.

Donald J. Stastny, '65, has maintained an architectural practice in Portland for almost 20 years. Recently his work has been published in numerous national magazines and newspapers, including *Architectural Digest*, *Sunset* and *The New York Times*. His firm recently completed design work for a liturgical center at Mission San Luis Rey in California and a native American museum in Warm Springs.

Jann Brin Dalla Mura, '65, of Amherst, N.H., is employed by Freudenberg Nonwovens as senior

buyer, responsible for all equipment procurement and plant support operations.

Stanley F. Vobora, '65, who had been national business operations manager for Tektronix, recently retired after working for the company since 1965. He and his wife, Betty, are operating a hazelnut farm in Gaston.

Richard Darst, '66, is principal of Crook County High School in Prineville.

Chris Keylock Williams, '66, a watercolor artist, has exhibited paintings in many galleries and has had paintings reproduced as greeting cards and colored prints.

Gary S. Hawkins, '66, is vice president and manager of the Silverton Commercial Bank branch.

Helen Barrow Parks, '66, and Merritt "Bud" Parks, former ranchers, newspaper correspondents, shelter home operators and tour guides, are retired and spending summers at their ranch in Christmas Valley and winters in the Willamette Valley.

Eric A. Crecilius, '67, is a technical group manager for Battelle Marine Sciences Laboratory in Sequim, Wash.

Paul F. Pilger, '67, has been selected Texaco Exploration & Production's 1993 STAR Quality Ambassador.

Robert B. Johnson, '68, is chief operating officer for National Semiconductor Japan Ltd.

James S. Nichols, Jr., '68, was recently promoted to business manager of the Hampton campus of Commonwealth College in Virginia.

Lt. Col. Otis Hollar, '68, and his wife, **Jane Coon Hollar**, '69, are living in Tacoma, Wash. He is retired from the Air Force and works for Boeing Co. in the human resources department.

Jackie Lewis Cromer, '69, has opened Sensational Tables, a Wilsonville-based mail-order firm specializing in fine crystal.

Donna D. Buck, '69, a licensed clinical social worker, is the transplant social worker for the University of California Davis Medical Center in Sacramento, Calif.

'70s

John O'Brien, '70, Lincoln County Sheriff's Office jail captain, is a candidate for Lincoln County



Graduates Prove OSU is No. 1 in "Pineapples"

The next time you open a can of Del Monte pineapple or plunge a fork into the fresh tropical fruit, think of OSU. There's a good chance that an OSU alum played a role in putting the pineapple on your table.

Although OSU is recognized as a center of excellence for many disciplines, not many people associate pineapple or even tropical agriculture with the school. However the training that **George Error**, '58, **Jim Elder**, '68, and **Dan Wilson**, '70, received from OSU helped them become prominent players in the field of pineapple production. These three OSU grads may not have had tropical agriculture in mind when they graduated from OSU's College of

Agriculture, but today they are in charge of major pineapple plantations around the world for Del Monte.

George Error (right) heads up the world's largest pineapple operation, Del Monte Philippines, Inc. on Mindanao, Philippines. His career in food science has taken him from Corvallis to California and Utah as he progressed through the Del Monte organization. Del Monte Philippines ranks in the top 5 percent of Philippine companies, employs over 10,000 people, and provides pineapple for markets on four continents. He and his wife, **Normita**, '52, enjoy playing golf and visiting their daughters in the Pacific Northwest.

Jim Elder (center) and his wife, Pat, have led a nomadic life since he graduated from OSU and began working for Del Monte. They have moved from Oregon to California to South Africa and then to their present assignment in Kenya. They report that Del Monte Kenya Ltd., located in Thika, Kenya, has been a highlight in their much traveled career. The operation Jim leads is the largest of its kind in Africa, producing 250,000 tons of pineapple and employing over 6,000 people. The Kenya operation provides canned pineapple for markets throughout Europe.

Dan (left) and **Louise Wilson**, '70, have lived in California, South Africa, England and now Hawaii. On the island of Oahu, Dan manages Del Monte Fresh Produce-Hawaii, the largest fresh pineapple operation in the United States. The company provides jet fresh pineapple to the U.S., Japan and Europe. Del Monte-Hawaii employs over 700 people and is the oldest continuous pineapple operation in the world.

All together, the three "OSU pineapple grads" employ over 17,000 people, produce over one million tons of pineapple and provide pineapple to markets throughout the world.

OSU means many things to many people, but to Del Monte, OSU means pineapple; and for George Error, Jim Elder and Dan Wilson, OSU made that happen.

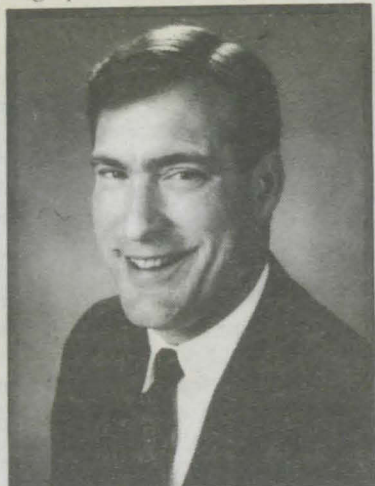
Sheriff.

Clint Jacks, '70, OSU Extension agent and staff chair in Jefferson County, has received the 1993 Cooperative Extension System Award for Diversity.

Capt. Michael D. Shutt, '70, recently reported for duty with the Navy Training Command Pacific Fleet in San Diego, Calif.

David B. Johnson, '70, has been named chairman of the Department of Geoscience at the New Mexico Institute of Mining and Technology.

Dr. John P. Kearney, '70, has been in private practice in San Bernardino, Calif. for 14 years. He specializes in general and vascular surgery and renal transplantation.



Craig D. Chambers, '70, has been named CLU, second vice president of Union Central Life Insurance Co. in Cincinnati, Ohio.

Bruce B. Andrews, '70, is serving his fifth year as director of agriculture for the state of Oregon. His wife, **Theresa Gross Andrews**, '70, is working as office manager for Hidden Lakes Retirement in Salem.

Mark C. Wirfs, '71, an electrical engineer and principal with R&W Engineering in Beaverton, is president-elect of the Consulting Engineers Council of Oregon.

Navy Cmdr. **Randy Myers**, '71, recently completed a reserve officer joint military operations course at the Naval War College. He is manager at Charles Schwab & Co. in San Francisco, Calif.

Drue E. Lawlor, '71, has been elected president of the California Pasadena chapter of the American Society of Interior Designers.

Andrew P. Butler, '71, is a biochemist on the faculty of the University of Texas MD Anderson Cancer Center.

Larry Determan, '71, is an instructor in marine maintenance technology at the Whidbey campus of Skagit Valley College in Washington.

Judd L. Webber, '72, has joined CSR Softwoods in Sydney, Australia as group marketing manager. Previous he was director of international marketing for Western Wood Products Association in Portland.

Lt. Col. **Richard L. Engelen**, '72, is the commanding officer for the U.S. Marine Corps 9th Engineer Support Battalion, 3rd Force Service Support Group, Okinawa, Japan. His wife, **Patricia Smith Engelen**, '72, is the assistant manager of the Marine Gift Shop in Okinawa.

George W. Kingsley, '73, is currently working in engineering for the city of Beaverton.

Mike Deal, '73, is a junior high school principal and member of the city council in Puyallup, Wash.

Steven Y. Grubb, '73, has retired from the U.S. Army and moved with his wife and son to Erie, Pa. He hopes to move to the Tacoma area next year.

Janis Mohr-Tipton, '73, is the librarian for one of the branches of the Jackson County Library System.

Hal Kingslien, '73, is a research assistant in the OSU Department of Forest Products.

Navy Lt. Cmdr. **Paul T. Newport**, '72, recently received the Navy Commendation Medal and retired from military service after 21 years of active duty. He had served as head of the Tactical Data Systems Branch at Fleet Combat Training Center, Pacific, in San Diego, Calif.

David A. Shaw, '74, is vice president, engineering, for Gulf Coast Technical Services, Inc. He is consultant to the Protection and Defense Division, Sekur Pirelli of Milan, Italy.

Janet Zimmerman Duncan, '74, is president of the Oregon Legal Assistants Association. She is currently employed as a legal assistant in Portland.

John J. Beitel, '74, a grass seed farmer in Sublimity, is chairman of the Oregon Fine Fescue Commission.

Dinah Schild Nicholson, '74, is the top certified financial planner nationally with Waddell & Reed Inc. and an OSU trustee.

Nicholas J. Kirby, '74, recently received the Boy Scouts of America Silver Beaver Award for the many years of service he has given to the Boy Scouts. He and his wife, Carolyn, are ranchers in Hood River. He also is a commander and helicopter pilot in the U.S. Navy. His father, **Ralph Kirby**, '39, received the Silver Beaver Award in 1956.

Richard J. Gobel, '74, recently started a consulting company specializing in managing machinery design engineering and job processing for the pulp, paper and timber industry.

Bobby Mink, '74, has been named deputy director of the Oregon Department of Human Resources.

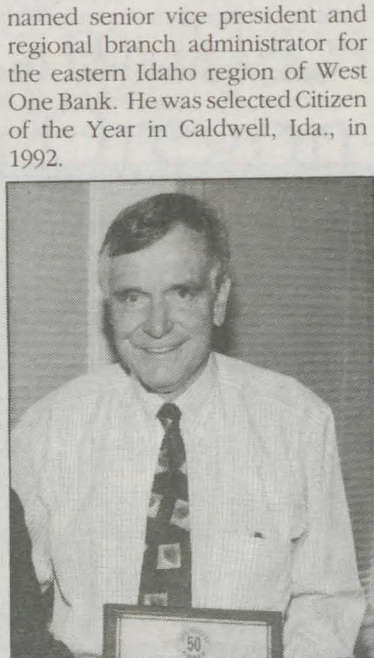
Chris Childs, '74, has served as Woodburn city administrator since 1991. He had previously served as city manager of Nyssa and county clerk of Gilliam County.

Lorenzo T. Poe, Jr., '74, is manager of program and business services for the Multnomah County Juvenile Justice Division. He was instrumental in raising funds to implement the Portland House of Umoja. In recognition of his service to the community, the House of Umoja will name the education annex to the building in his honor.

Caroline Haglan Jaques, '74, is studying to be a registered nurse at Grossmont College in El Cajon, Calif.

Stephen L. Poole, '74, is the regional sales manager in Japan for GTE.

Steve Nielson, '75, has been named senior vice president and regional branch administrator for the eastern Idaho region of West One Bank. He was selected Citizen of the Year in Caldwell, Ida., in 1992.



James G. Atkins, '75, is president of James G. Atkins & Associates, P.A., Certified Public Accountants. The firm has been selected by the publishers of CPA Digest as a recipient of the 1993 Digest 50 Award, for being one of "very best of the small to medium size accounting firms in the nation."

John Williams, '75, is chairman of the Wallowa County Extension Service.

Phil Winters, '75, is a consumer representative for Cascade Natural Gas in Bellingham, Wash. He has invented a math game which he is hoping to distribute to schools nationally.

John S. Rohovec, '75, an OSU microbiology professor, has received funding from the National Sea Grant College Program to study a parasitic disease found in Dungeness crab caught off the Oregon coast.

Jim Miller, '76, is currently senior research forester with the USDA Forest Service, Southern Forest Experiment Station at Auburn University in Alabama. He recently received the 1993 Southeastern Society of American Foresters Excellence in Forestry Research Award.

Jeff Hart, '76, enjoyed a decade-long career in the National Football League and now is affiliated with Search Ministries.



Cmdr. **Richard Grahlman**, '76, is commander of the HS-14, a U.S. Navy aircraft carrier based helicopter squadron. He and his wife, **Phyllis Page Grahlman**, '77, and two children are planning to move to Bremerton, Wash., this summer and are looking forward to their first assignment back in the Pacific Northwest.

David Dalton, '76, assistant professor of biology at Reed College, has been awarded \$55,560 from the National Science Foundation.

William J. Burgess, '76, has served on the Salem City Council for 3 years. He and his wife, Cindy, have 2-year-old twin girls.

Debra Kay Mitchell, '76, is a management analyst for the municipality of Anchorage.

Sheree Hawkins Gillaspie, '77, has been promoted to sales director for Discovery Toys Inc.

Philip J. Mattson, '77, has been selected for promotion to lieutenant-colonel in the U.S. Army Corps of Engineers. He is stationed in Heidelberg, Germany, with the headquarters for U.S. Army Europe.

Bob Jess Peterson, '77, and **Suzanne Henas Peterson**, '83, are living in Auburn, Calif. and are parents of two children. He is retired from Hewlett-Packard and is now a golf pro. She is a part-time partner in a CPA firm.

David Eden, '77, is a marriage and family therapist and director of emergency services for North Islands Counseling and San Juan County.

Navy Lt. Cmdr. **W. S. Ryder**, '77, was deployed to Somalia with Strike Fighter Squadron 94, Naval Air Station, Lemoore, Calif.

Roy B. Mason, '77, was recently named president of Mt. San Jacinto College, San Jacinto, Calif.

Jeff Gibbs, '77, has been named president of Lease Crutcher Lewis, a general contractor with offices in Portland.

Navy Cmdr. **Ronald C. Plucker**, '78, recently graduated from the Naval War College and was awarded an M.A. in national security and strategic studies.

Danny J. Gore, '78, works as a pharmacist for Payless Pharmacy in San Pablo, Calif.

M. Duane Nellis, '78, head of the Kansas State University geography department, recently assumed the presidency of the National Council for Geographic Education.

Paul Converse, '78, works for a U.S. foreign aid program as country director for Romania. He lives in Bucuresti, Romania.

Paul Dick, '79, is director of sales and marketing for biosys, an agricultural biotechnology company in Palo Alto, Calif.

Navy Lt. Cmdr. **Robert J. Palmquist**, '79, recently reported for duty with a combat support ship based at Naval Station, San Diego, Calif.

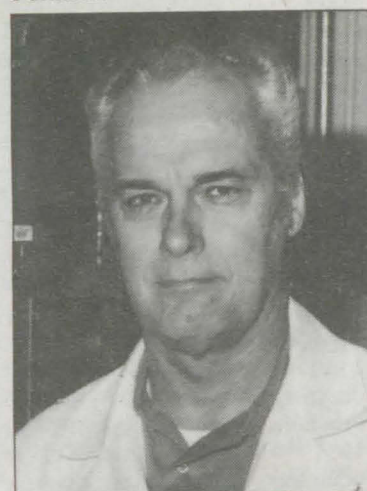
Dr. Jeanine Brown Herzog, '79, has been in practice with the Willamette Dental Group in Portland for 8 years.

Cmdr. **Ray Bellant**, '79, is a special operations helicopter pilot in the U.S. Navy, currently stationed in New Orleans, La.

John (Jack) Bemenderfer, '79, is a systems analyst in the Commercial Avionics System Division of Boeing. He is working on the avionics systems for the new 777 airliner.

'80s

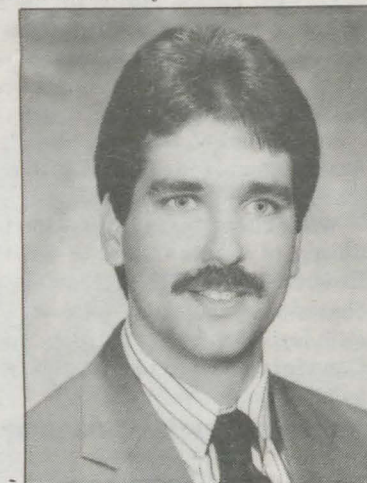
Brent Macey, '80, is a new partner for Coopers and Lybrand in Portland.



Donald L. Miller, '80, professor of industrial technology, has been given the Outstanding Professor Award for the Western Region of the National Association of Industrial Technology.

Margaret Holmes Lupi, '80, of Simi Valley, Calif., is vice president of real estate training at Great Western Bank.

Dr. Carin Smith, '80, is a veterinarian in Plain, Wash., and also has authored a book, *Easy Health Care for Your Horse*.



Gregg D. Harrod, '80, of West Linn, has been named assistant vice president and treasurer, Standard Insurance Co. Investment Division.

Jeff Lane, '80, is the total quality coordinator for Molecular Probes in Eugene.

Grace Dinsdale Larson, '81, is owner-operator of Blooming Nursery in Cornelius.

Jeffery S. Davis, '81, recently moved from California to Bend and is an engineer for Pacific Gas Transmission Co.

Gale Hipp, '81, is teaching seventh and eighth grade reading and language arts at Ninety-One School in Canby.

Michael G. Staudinger, '81, is a freelance graphic artist.

Barbara Seegel Angaiak, '81, is president of the Lower Kuskokwim Education Assoc. in Bethel, Alaska.

Dennis Bauke, '82, has moved to San Francisco to open the western office for the Queen City division of I.P.

Susan Hanna, '82, associate professor of agriculture and resource economics at OSU, received funding from the National Sea Grant College Program to study fishing rights.

Navy Lt. Cmdr. **David W. Leingang**, '82, recently returned from a 6-month deployment with the Carrier Airborne Early Warning Squadron 117.

Steve Weiss, '82, has been named director of product development for the Arthur Anderson Tax

Technology Group in Sarasota, Fla.

Thomas Cain, '82, and **Carol Sinclair Cain**, '82, are living in Flagstaff, Ariz. and report that they attend all Beaver games within a 500 mile radius. He is a fisheries biologist for the U.S. Forest Service and she stays at home to care for their three daughters.

Marine Capt. **Mark E. Cantrell**, recently reported for duty with the Marine Wing Headquarters Squadron One, 1st Marine Aircraft Wing in Okinawa, Japan.

Faraj A. Tarhini, '82, lives in Saudi Arabia and is the regional sales manager for Zahid Tractor, a Caterpillar dealer. He is married and has two daughters. He eventually plans to go back to Lebanon, his home country.



Nancy Parker, '82, has been promoted to vice president and manager of marketing and research information for the First Interstate Bank Northwest Region.

Dr. Barbara Ann Graham, '83, has a private practice in internal medicine in Beaverton.

Capt. **Kevin Smith**, '83, has been flying planes for the U.S. Air Force for the past 11 years and is currently piloting the F-117A Stealth Fighter plane.

G. E. Boswell, '83, is in training in diagnostic radiology in San Diego, Calif.

John R. Lee, '83, is engaged to be married and is living in San Diego, Calif., where he is busy running Lee's Pool Service.

Pat Shannon, '84, is president of Original Oatmeal Baking Co., a company that develops bread recipes and contracts with 15 to 20 bakeries nationwide to make and sell the products under various labels. He claims that his company is the world's largest consumer of diced hazelnuts.

James Lundy, '84, is assistant professor of civil engineering at OSU.

Capt. **John E. Taylor**, '84, recently attended Combined Arms Services Staff School and is the operations officer for the 215th FSB, 1st Cavalry Division at Fort Hood, Texas.

Kenneth Skach, '84, earned an M.A. in mathematics from Portland State University in 1990. He is now doing computer support work for the U.S. Geological Survey's Water Resources Division in Portland.

Michael T. Morrissey, '84, is associate professor of food science and technology at OSU and director of the coastal Oregon marine seafoods lab. He recently received funding from the National Sea Grant College Program to help seafood processing plants find cost-effective ways to use less water and reduce waste.

Hussein A. Tarhini, '84, is pursuing his career in computer engineering and is currently the technical support manager for the Information Technology Dept. at Zahid Tractor in Saudi Arabia. He is married and has two children.

Ken J. Griggs, '84, and **Mary Beth Wood Griggs**, '85, have three children and are living in Portland. He is senior finance officer for Norris, Beggs & Simpson.

Allison Kleiver Wright, '84, and **Michael Wright**, '85, are living in Sydney, Australia, and are the parents of twin boys. She is an accountant for the American Chamber of Commerce in Australia.

Lt. **Lonny Rahier**, '85, is living in San Diego, Calif. and is flying E-2C's for the U.S. Navy. He is also studying for an M.B.A.

Leslie Ryan Henderson, '85, is living in Lexington Park, Md., where her husband is stationed with the U.S. Navy. She had worked at a nature park teaching environmental education, prior to having a baby in July. The couple will move to Okinawa, Japan, in April.

Myrna Yoder, '85, is a Salem artist specializing in woodcuts.

Edward I. Matthews, '85, and **Janet Leeds**, '86, are living in Carlsbad, Calif. with their two children. He is a project engineer with Metcalf and Eddy. She is a senior scientist with ISIS Pharmaceuticals.

Jody Wilson, '86, has started a company in Mill Valley, Calif., that supplies construction materials to large contractors.

Diana Hinatsu, '86, had a debut performance in classical Japanese style dancing at the Portland Center for the Performing Arts.

Eric Gunderson, '86, is an investment representative with Edward D. Jones & Co. in West Linn. He retired from the U.S. Army in 1993. While in the Army he participated in the Gulf War.

Terri Hoff Comment, '86, is teaching at Warm Springs Elementary School in Warm Springs. She and her husband, Jim, recently built a new home.

James Grammel, '86, is a contract manager for Goldbelt, Inc., an Alaska native corporation, in Juneau, Alaska.

Alan A. Heres Espino, '86, is in charge of a shrimp disease laboratory for hatchery and shrimp farms and a packing plant in Ecuador.

Michelle D. LaRue, '86, married Jerry Buczynski in July and is teaching and coaching the girls varsity basketball team at Sheridan High School.

Glenda Madden, '87, recently married Ward Lautis, a wheat farmer. She is an OSU Extension home economics agent in Gilliam County.

Tony Williams, '87, has been named communications director for Senator Slade Gorton.

Navy Lt. **William R. McVicke**, '87, recently returned from a 6-month Western Pacific, Indian Ocean and Persian Gulf deployment with Fighter Squadron 213.

Sheelagh Bandettini, '87, has been named consumer loan product manager for Bank of America Oregon.

Eric Victor Holtan, '87, is a foreman on a Columbia Basin irrigated farm in Connell, Wash.

Navy Lt. **Joseph M. Spear**, '87, reported for duty with the fast combat support ship Precommissioning Unit Rainier, based in San Diego, Calif.

Nikki Hokkanen Webb, '87, and **Bradley D. Webb**, '87, report they are now self-employed and "love every minute of it."

Navy Ensign **Eric T. Ory**, '87, recently completed Officer Indoctrination School.



Anne Talbott Goetze, '87, a dietitian for the Oregon Dairy Council, was one of two dietitians in the state to receive the Recognized Young Dietitian of the Year award from the Oregon Dietetic Association. She and her husband, **Michael Goetze**, '88, live in West Linn.

Kristine Johnson Rooke, '87, is living in the San Francisco Bay area, teaching Jazzercise aerobics and working as a counselor at a child center for emotionally disturbed youth.

David B. Babcock, '87, is working as a residential property appraiser for Multnomah County.

Nancy Leong Mah, '87, is a pharmacy manager for Walgreens.

Achim Hill, '87, and **Jane Lukins Hill**, '89, are living in Munich, Germany, where he works in the marketing department of a telecommunications company.

Matthew John Boyles, '88, is technical services director for Nutri-Fruit, Inc., a beverage manufacturing company in Sumner, Wash. He writes that he is "amazed how well my education from the Food Science Dept. at OSU, prepared me for my job. I can't say enough about what a great department it is."

Karen Jones Wooley, '88, has recently begun a tenure-track position as an assistant professor of chemistry at Washington University in St. Louis, Mo.

Daniel L. Swinscoe, '88, earned a master of physical therapy degree from University of Puget Sound and is in private practice.

Steven Giles Hunt, '88, and **Julie Dougherty Hunt**, '89, are living in Marina, Calif. He is working for Commerce Clearing House in sales and she is a food service director.

Dr. **Sara Austin**, '89, has joined her father, Dr. Cyrus W. Austin, in his dental practice.

Rex W. Force, '89, has joined the Idaho State University College of Pharmacy as assistant pharmacy practice and family medicine professor.

Paul A. Stromsness, '89, is a systems analyst at CH2M Hill in Corvallis.

David John Parker, '89, joined Scopus Technology, Inc. in Emeryville, Calif., as a technical consultant in corporate data base design.

Joan Wessell, '89, is executive director of the Downtown Corvallis Association and housemother for Sigma Nu fraternity at OSU.

April Joy Caron, '89, is currently serving in the National Oceanic and Atmospheric Administration Corps as a commissioned officer on a hydrographic survey vessel.

Patricia Bolton, '89, is manager of custom projects at Designer Line in Beaverton.

Todd Lauble, '89, owns Phoenix Pharms Fish and Flora, near Mt. Hood.

'90s

Coast Guard Fireman Apprentice **Brian D. Puddephatt**, '90, recently graduated with honors from Coast Guard Training Center.

Navy Lt. **Richard M. Chambers**, '90, recently completed intermediate flight training.

Navy Lt. **William H. Frey**, '90, was deployed to Somalia with Strike Fighter Squadron 94, Naval Air Station, Lemoore, Calif.

Navy Lt. **Richard Goodwin**, '90, recently reported with the fleet ballistic missile submarine Precommissioning Unit Maine, based at Groton, Conn.

Mitch Coleman, '90, is an agriculture teacher at Dayton High School.

Dan Pieratt, '90, is a certified athletic trainer for the Angel's minor league baseball training camp at Gene Autry Park in Mesa, Ariz. He is employed at the Sport Rehabilitation Institute in Mesa, Ariz. during the off-season.

William F. Buchanan, '90, is working for the law firm of Miller, Nash, Hager & Carlsen in Portland. He received a J.D. degree from George Washington University.

Navy Lt. **Michel S. Conyac**, '90, was designated a Naval flight officer while serving with Naval Air Training Unit, Mather Air Force Base,

Sacramento, Calif.

Rachmat Budiarto, '90, and **Melani Hoesada Budiarto**, '90, are living in Surabaya, Indonesia, where he is a corporate banking officer for Banque Nationale De Paris.

Douglas S. Parten, '90, is employed as an engineer at Ingalls Shipbuilding in Pascagoula, Miss.

Terry L. Taylor, '90, is a ski instructor at the Mt. Rose Ski Resort. He will return to Sierra Nevada College, Incline, to pursue an advanced degree in sports psychology.

Lori Anderson Peterson, '91, of Monmouth, is district sales manager for Tri-State Breeders.

Maryanne Reiter, '91, is a research assistant in OSU's forestry department. She enjoys mountain climbing in her spare time and is a mountain-climbing teacher with OSU's Outdoor Recreation Center.

Navy Lt. **Dana W. Perkins**, '91, was recently designated a Naval flight officer while serving with Training Squadron 86, Naval Air Station, Pensacola, Fla.

Kathy Looney, '91, is a first year master of physical therapy graduate student at Slippery Rock University in Pennsylvania.

David Erovick, '91, is employed at Sports & Orthopedic Physical Therapy in Portland. He recently graduated from Mt. Hood Community College's physical therapist assistant program.

Jeff A. Giulietti, '91, is finishing his third year of physical therapy school at Slippery Rock University of Pennsylvania. He will graduate in May 1994.

Navy Lt. **David M. Linch**, '91, was promoted to his present rank while serving with Training Squadron 28, Naval Air Station, Corpus Christi, Texas.

Ryan D. Vincent, '91, and **Lisa L. Collson**, '92, recently opened The Coffee Corral in Tumalo.

Robin McDole, '91, is working as a pharmacist for Safeway in Portland.

Kim McDole, '92, is employed by Microsoft in Bellevue, Wash.

Lt. **Amy Bruner-Dehnert**, '92, and **Eric Dehnert**, '92, are living in Stuttgart, Germany. He works for the federal government and she is a military police officer.

Lily Supardan, '92, is working as an assistant coordinator for the Volt Services Group in Hillsboro.

Devin Correa, '92, is working in his family's business, Correa Custom Harvesting.

Navy Ensign **Gregg V. Thompson**, '92, graduated from Basic Civil Engineer Corps Officer School.

Sean Donald Purciel, '92, is map editor at A.S. International, Tustin, Calif.

Marsha Deets Swanson, '92, is teaching eighth grade reading at Azalea Middle School in Brookings. She recently returned from a trip to Japan.

Chad Cherry, '93, is the No. 1 ranked open singles racketball player in Oregon. He is working as an apprentice real estate appraiser.

Doug Binder, '93, has been hired as sports editor of the Oregon News-Leader in Tualatin.

Suzan Warren, '93, won the "Most Visually Dynamic" award in the student category of a design competition sponsored by the International Textile and Apparel Association.

The following Navy ensigns recently completed the basic surface warfare officer's course: **David M. Dowler**, '93, **Richard R. Riker**, '93, **Steve K. Bruno**, '93, **James A. Dibble**, '93, **Brian G. Stinnett**, '93, and **Paul J. Tabaka**, '93.

MARRIAGES

Scott Gordon Salisbury and **Jill Marie Chapman**, '92; Aug. 8 in Corvallis.

Douglas Mauck, '91, and **Kimberly Ann Wiltse**, '91; Oct. 4 in Hawaii.

Todd Edward Martin and **Dawna Lynn Brown**, '91; Sept. 4 in Hermiston.

J. Anthony Lasher, '90, and **Heidi A. Hynen**, '90; Oct. 23 in Astoria.

Larry Gorman, '90, and Pamela Diane Spring; Nov. 20 in Boca Raton, Fla.

Jeffery James Masog, '92, and **Arisu Lisa Yatabe**, '92; Oct. 23 in Portland.

Ted Rees, '89, and **Kristy Gengler**, '90; Oct. 9 in Portland.

Bradley D. Patrick, '91, and Gina L. Brady; June 26 in Portland.

Kevin Lloyd McCuiston, '87, and Kristin Ann Harms; Sept. 5 in Portland.

Marc Naffziger, '87, and Tammie Stepan; Nov. 20 in Lake Oswego.

Mark Alan Young, '87, and Joni Lynn Rowe; Oct. 23 in Portland.

Kent David Soldwedel and **Lori Ann Madsen**, '87; Nov. 20 in Portland.

Troy Leonard Juntunen, '89, and Sarah Lynn Goos; Oct. 23 in Spokane, Wash.

Paul Lawrence Minter, '93, and Rene Elizabeth Lankford; March 21 in Medford.

Richard Darin Rowell, '88, and Anne Marie Miller; Oct. 16 in Portland.

Herman I. Kwik, '89, and Jeani Lynne Littrell; Aug. 7 in Coos Bay.

Scott R. Loftin, '92, and Susan K. Johnston; Nov. 6 in Hawaii.

Brenden Jay Smith and **Kristi Ann Peschka**, '85; Nov. 13 in Verboort.

Jeffrey Barry Grimes, '93, and Nicole Rene Jeans; June 26 in Fairview.

Mark Allen Lindquist and **Susan Rose Fagg**, '86; Sept. 25 in Cedar Mill.

Michael Noel Lessard, '93, and **Shana Margaret Diffely**, '92; Sept. 12 in Portland.

Len Jordan and **Jennifer Deverall**, '88; Oct. 2 in Portland.

Michael Christopher Tolke and **Deborah Ann Dahlin**, '85; Oct. 23 in Oak Grove.

Kent Ziegler, '77, and **Susan Colt**, '76; Oct. 2 in Portland.

Craig Clairmont and **Tanya Marea Foisy**, '91; July 17 in Coos Bay.

Richard William Koenig, '92, and Donna Marie Chambers; Aug. 14 in Corvallis.

Mike Russell and **Renee Ramseth**, '89; Sept. 25 in Portland.

Michael Joseph Koloski and **Kathryn Ann Combo**, '77; Nov. 6 in Boise, Ida.

Jon Stueve, '90, and Angela Harms; July 21 in Lebanon.

John David Nougier and **Beth Amanda Walker**, '89; Oct. 1 in Portland.

Neal R. Bromley, '89, and Traci LeAnn Ramey; Oct. 22 in Vancouver, Wash.

William Julius James and **Robin Babette Barber**, '93; Aug. 14 in Portland.

Michael Stephen Murawski, '88, and Fumiya Endo; Oct. 23 in Portland.

Byron Charles Harmon, '82, and Tania Lynn Smith; Aug. 1 in Vancouver, Wash.

Jerry Buczynski and **Michelle LaRue**, '86; July 10.

Daniel Kizer, '92, and Rhonda A. Stocker; Aug. 28 in McMinnville.

Lee Allen Fontaine, '92, and **Cathy Carlson**, '91; Sept. 18 in Vancouver, Wash.

Christopher James Goetz, '90, and **Kimberly Christine Beeler**, '90; Aug. 21 in Portland.

Todd Elliott Silbernagel, '92, and Patricia Ann Mattson; July 23 in Albany.

Kent Douglas Bogert, '84, and Theresa Olivari; July 31 in Newberg.

James Oliver Reed, '93, and **Susan Renee Scheel**, '92; Oct. 16 in Gladstone.

Todd Mueller and **Charise Lulay**, '90; July 31 in Portland.

Christopher Johnson and **Patricia Bateman**, '90; Oct. 9 in Vancouver, Wash.

Louis R. Boyer and **Lisa J. Conklin**, '90; Nov. 6 in Tigard.

Mark Juranek, '90, and Laurie Morley; Aug. 28 in Vancouver, Wash.

John Miles Reardon and **Erika Marie Niemi**, '92; June 19 in Astoria.

David R. Benson, '93, and Kathleen N. Smith; July 31 in Port Orchard, Wash.

Jim Kirby, '90, and Laura Scripser; Nov. 6 in Portland.

Todd L. Miles, '89, and **Camille L. Denning**, '89; July 4 in Corvallis.

Victor Lundmark, '92, and **Krista Parker**, '92; Oct. 2 in Portland.

Joe DeMeyer, '92, and Tami Yancey; June 19 in Bend.

Curt Matthew Betts, '92, and Laci Danielle Gill; July 10 in Albany.

Richard Tuttle and **Patricia Hanson**, '88; Aug. 7 in Walla Walla, Wash.

Robert Douglas Carney, '87, and Nancy Lee Essex; July 17 in Redmond, Wash.

Peter McClory Heitkemper, Jr., '88, and Mary E. Ritter; Oct. 1 in Spokane, Wash.

J. Scott Ketchum, '92, and Sharon Dawn Offerdahl; Sept. 4 in Central Point.

John Dorn and **Deborah Kraus**, '80; Sept. 4 in Vancouver, Wash.

Kerry Deland Suek, '91, and **Marisa Lynn Franklin**, '91; Aug. 7 in Corvallis.

Stephen Robert Altman, '90, and **Kirstin Lynn Leek**, '93; Sept. 5 in Corvallis.

Derek Robbins and **Erin Matheson**, '92; Aug. 28 in Lake Grove.

F. David Crowell, '86, and Kristi Muentzer; Sept. 25 in Portland.

James Lief Martinson, '86, and Valerie Rose Fitterer; Sept. 25 in Portland.

Badih Rask and **Sharon Gardiner**, '88; Oct. 9 in Portland.

Jon Ruiter Bullock, '91, and **Gayle Lynn Camburn**, '92; Oct. 9 in Beaverton.

Jim Morford, '88, and **Cindy Perkins**, '91; Oct. 9 in Portland.

Kevin P. Pahl, '90, and **Susan A. Traver**, '89; Sept. 25 in Portland.

David Koempel and **Mary LaRiviere**, '89; Sept. 25 in Portland.

David N. Hatfield and **Sharon M. Crum**, '89; Sept. 11 in Seattle, Wash.

Martin Santos, '92, and Samantha Connolly; Aug. 28 in Wilsonville.

Joseph Visintainer, '91, and **Susan Christine Rollins**, '92; Aug. 21 in Beaverton.

Martin Troiani and **Laurie Ann Larson**, '89; Sept. 4 in Portland.

Kevin P. House, '91, and Christy M. Davis; Aug. 21 in Boise, Ida.

Daniel R. Blus, '92, and **Sharon D. Miller**, '93; Aug. 7 in Corvallis.

Todd Bowker, '92, and Bethany Sue Roundy; July 17 in Eugene.

Michael C. Coleman, '89, and Gail S. Gast; Oct. 16 in Lake Oswego.

Brian A. Frainey, '90, and Abigail Joy Garfen, '91; Sept. 18 in Portland.

Rodney Petit, '86, and Nancy Harnar; Aug. 21 in Beaverton.

Michael James Grant and **Colleen Rene Wilson**, '89; June 9 in Sunnyside.

Jon M. Roach and **Gay Marie Nemes**, '93; July 31 in Salem.

Mark McGregor, '78, and Lyndia J. Miner; Aug. 28 in Portland.

Jon Ruscoe, '87, and Molly Mavrolas; Sept. 18 in Beaverton.

John McDonald Turman, '89, and Rebecca Louise Crocker; Sept. 11 in Monroe.

Kevin R. Jeskey, '91, and **Deborah M. Holstad**, '90; Aug. 7 in Salem.

Ray Eric Husari, '83, and Annette Marie Young; Oct. 9 in Portland.

Victor William Ceserani, '89, and **Leah Michelle Kuhns**, '90; Sept. 11 in Lake Oswego.

Kenneth Osborn, '89, and **Stephanie Johnsen**, '91; Oct. 9 in Portland.

Timothy Neal Dandini and **Lucinda Marie Graham**, '92; Sept. 25 in Milwaukie.

Albert Edward Salvi, '92, and **Julie Kay Arnold**, '92; Aug. 7 in Corvallis.

George W. Wiggins, Jr., '79,

and Sally Ann Sheets; Sept. 11 in Portland.

Richard Eric Moritz and **Kay Marie McIntosh**, '85; Aug. 21 in Portland.

David Allan Price, '89, and **Jennifer Kaye Oliver**, '90; Oct. 2 in Corvallis.

Joe Vander-Zanden, '90, and Ann Marie Smith; July 31 in Dilley.

Mannie L. Mills, '92, and **Lydia M. Waisanen**, '91; Aug. 14 in Beaverton.

Todd W. Carpenter, '92, and **Kimberly S. Yonker**, '90; Sept. 18 in Beaverton.

William Colin Robertson and **Jennifer Carole Pinney**, '91; Sept. 18 in Medford.

Brian L. Johnson and **Kirsten R. Mitchell**, '91; Oct. 9 in Portland.

Troy Cameron Ness and **Stephanie Ann Miller**, '91; Oct. 2.

Thomas Elwin Shibley, '86, and **Helen Amy Rapkin**, '86; June 27 in Springfield.

Chad Scott and **Annette Ortiz**, '92; July 18 in Oroville, Calif.

Wesley G. Hutchins, '82, and Angela A. Hodge; Oct. 9 in Portland.

Craig Vernon Bond, '93, and Jackie Loriane Uthberg; Oct. 30 in Vancouver, Wash.

Dirk D. Dellinger and **Laura K. Lee**, '87; Oct. 23 in Portland.

Michael T. Werstlein, '91, and **Wanda Rae Thompson**, '90; Nov. 6.

Greg Fischer, '92, and **Beth Simkins**, '92; Oct. 16 in Beaverton.

Doug McInnis, '83, and Joy Johnson; Sept. 11 in Klamath Falls.

Claus Bennetsen and **Barbara Jean Rohen**, '82; June 26 in Denmark.

Larry Desaulniers, '91, and Theresa Headley; Aug. 29 in Grants Pass.

Robert Hudlow, '84, and Paula Carson; Oct. 23 in Portland.

Tobyn C. Fulmer and **Nancy Ann Ledoux**, '92; Aug. 17 in Issaquah, Wash.

Peter Meyers, '92, and **Katrina Noelle Gale**, '93; June 18 in Adair Village.

Larry Sherwood, '90, and Nadine Mills; Sept. 25 in Portland.

Christopher John Rueber, '92, and Kristen Marie Brown; Aug. 15 in Tigard.

Ward Lautis and **Glenda Madden**, '87; Sept. 11 in Fossil.

Sherman Mah and **Nancy Leong**, '87; Aug. 21.

Daniel L. Swinscoe, Jr., '88, and Kristy Anfinson; Oct. 16.

IN MEMORIAM

Ellen Carolyn Beck, '20, of Beaverton; Nov. 11 in Beaverton.

Lewa Wilkes Ager, '22, of Roseburg; March 18 in Roseburg.

Helen Bradley, '22, of Salem; Dec. 14 in Portland.

Eldon H. Cofer, '22, of Walnut Creek, Calif.; Nov. 24 in Walnut Creek.

William O. Owens, '22, of Portland; Sept. 8 in Portland. He was affiliated with DTD.

Alma Scharpf Wiggins, '22, of Portland. She was affiliated with KAT.

Beatrice Quackenbush Langton, '23, of Corvallis; Nov. 26 in Corvallis.

Theodore William Glassey, '24, of Albany; Dec. 4 in Albany.

Lucile Foster Hout, '25, of Corvallis; Dec. 5 in Corvallis. She was affiliated with DDD.

Stella Irene Prouty, '25, of Oregon City; Dec. 8 in Oregon City.

Virginia Currin Brugger, '26, of Gresham; Dec. 8 in Gresham.

Geneva Hale Quigley, '26, of Portland; Nov. 2 in Portland.

Buell Elsworth Wilcox, '27, of Portland; Nov. 10 in Portland. He was affiliated with PGD. After graduating from OAC, he taught engineering at the college for 3 years.

Frances Smith Gooley, '28, of Tigard; Nov. 23 in Portland.

Mildred M. Stafrin, '28, of Dallas; Jan. 10 in Dallas.

Genevieve Reed Hilley, '29, of Portland; Dec. 7 in Philomath. She was affiliated with KAT.

Virginia Shattuck, '29, of San Rafael, Calif.; Aug. 3 in San Rafael.

Lillas Snook Young, '29, of Corvallis; Nov. 28 in Corvallis.

Carl P. Aase, '30, of Long Beach, Wash.; Oct. 31 in Portland.

Opal S. Jones, '30, of Albany; Jan. 6 in Albany.

Gladys Stansberry Roehr, '30, of Milwaukie; Nov. 1 in Milwaukie.

W. Knowlton Hall, '31, of Augusta, Ga.; Dec. 8 in Augusta.

G. Verne Johnson, '31, of Portland; Nov. 21 in Portland. He was an innovative engineer who designed a variety of machines ranging from forklift trucks to popular amusement park rides, such as the Paratrooper and Teacup.

Nita Colvin Murphy, '31, of Centralia, Wash.; Dec. 6 in Centralia.

Catherine Fahey Roberts, '31, of Vancouver, Wash.; Jan. 1 in Vancouver. She was affiliated with AXD.

Morris L. Searcy, '31, of Portland; Oct. 21 in Portland.

Robert E. Humphreys, '32, of Towson, Md. in Nov.

Major Homer L. Wilson, '32, of Redmond, Wash.; Aug. 23 in Seattle.

Albert E. Johnson, '33, of Salem; Dec. 26 in Salem.

Rowland S. Rose, '33, of Tigard; Nov. 17 in Tigard. He was affiliated with LCA.

Arthur Edmund Williams, '33, of The Dalles; Dec. 12 in The Dalles.

Marion Del "Al" Albert, '34, of Portland; Oct. 22 in Portland.

Herbert A. Luehrs, '34, of Beaverton; Jan. 4 in Beaverton.

Richard H. Barss, '35, of Portland; Dec. 1 in Portland.

Howard Davis Eberhart, '35, of Calif.; July 18. He had served as chairman of the Department of Civil Engineering at University of California at Berkeley.

Marjorie Dreisbach Harrison, '35, of Anacortes, Wash.; Nov. 23 in Anacortes.

Theresa Curran Arata, '37, of Portland; Nov. 17 in Portland.

Frank B. Fulkerson, '37, of Yakima, Wash.; Jan. 5 in Yakima.

Walter M. Sawyer, '37, of Caldwell, Idaho; Nov. 17 in Caldwell. He was affiliated with PGD. Memorial contributions may be made to the OSU Foundation.

Mary L. Castelloe, '38, of Eugene; Nov. 3 in Eugene.

John Lewis Denny, '38, of Tualatin; Oct. 29 in Tualatin.

Sharoo Peterson Hersha, '38, of Fresno, Calif.; Sept. 6 in Fresno.

Carl Olaf Mortenson, '38, of Tigard; Nov. 23 in Tigard.

Raymond Buckley, '39, of Newberg; Nov. 8 in Newberg.

Dorothy Cook Kerns, '39, of Klamath Falls; Nov. 13 in Klamath Falls. She was affiliated with ACO.

Helen Myers Lowe, '39, of Lake Oswego; Dec. 28 in Portland.

Jack Walter Christensen, '40, of Redmond; Oct. 7 in Redmond. He was affiliated with TX.

Harry Carson, '41, of Salem; Dec. 25 in Salem. He was affiliated with PDT.

Charles Cox, '41, of Milton-Freewater; July 12 in Walla Walla, Wash.

Daniel C. Kalibak, '43, of Milwaukie; Dec. 30 in Milwaukie. He was affiliated with ASP.

Raymond Charles Wood, '44, of Petersburg, Alaska; Aug. 29 in Petersburg. He was affiliated with KS.

Harold I. Talley, '45, of McMinnville; Jan. 13 in McMinnville.

Ray L. Ameele, '46, of Portland; Dec. 23 in Portland.

Doris Granneman Anderson, '46, of Corvallis; Oct. 12 in Corvallis.

Arthur Berwick, '47, of Springfield; Dec. 31 in Springfield.

Lester E. Rue, '47, of Corvallis; Nov. 13 in Corvallis.

Richard A. Miller, '48; Jan. 12 in Oregon City. (See article, page 21.)

John Hendricks, '49, of Milton-Freewater; Nov. 11 in Milton-Freewater. He was affiliated with LCA.

Eldon Shaw, '49, of Junction City; Nov. 3 in Junction City.

LeRoy Michael Sinsabaugh, '49, of Port Townsend, Wash.; Aug. 17 in Port Townsend.

Charles L. Summy, '49, of Corvallis; Dec. 4 in Corvallis.

Alvin Bruce Webb, '49, of Corvallis; Nov. 25 in Corvallis.

Fred F. Gates, '50, of Otter Rock; Dec. 31 in Lincoln City.

Robert L. Knighton, '50, of Keizer; Jan. 7 in Salem.

Frank M. Truttman, '50, of Ridgefield, Wash.; Dec. 10 in Ridgefield.

Donald B. Sayre, '50, of Medford; July 1 in Medford.

William Gage Walker, '50, of Portland; Dec. 30 in Portland.

Juan Antonio Rivero, '51, of Lima, Peru; Oct. 24 in Lima.

Stanley E. Wellman, '52, of White Salmon, Wash.; Oct. 21 in White Salmon.

Jack Manion Crabtree, '54, of Dundee; Dec. 28 in Newberg. He was affiliated with DC.

David B. Barrows, '55, of Korb, Calif.; May 25 in Korb.

Aneta Goebel Ostrander, '57, of Bellevue, Wash.; Nov. 27 in Bellevue.

James Howard Reed, '57, of Salem; Dec. 6 in Salem.

Leah Dewey Hatfield, '60, of Phoenix, Ariz.; Aug. 8 in Phoenix.

Sidney L. Walsh, '61, of Camas-Washougal, Wash.; Nov. 21 in Washougal.

Debbie Liang Hsu, '69, of Las Cruces, N.M.; Oct. 7 in Las Cruces.

Maureen Haughney Morrison, '70, of Santa Clara, Calif.; Sept. 13 in Santa Clara.

Robert J. Dematteis, '74, of Portland; Nov. 26 in Portland.

Mollie Jane Rickard, '84, of Corvallis; Jan. 2 in Albany.

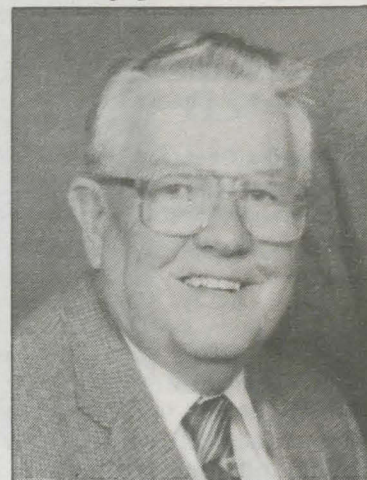
Jeffrey Alan Weiss, '88, of Portland; Oct. 29 in Portland.

FACULTY AND FRIENDS

Esther Cecil Ball of Corvallis; Oct. 31 in Corvallis. Mrs. Ball and her husband, Robert Ball, owned Ball Studio in Corvallis. She was a charter member of the OSU Beaver Club and a dedicated OSU basketball fan, who attended home games until she was 90.

Waldo W. Ball, '19, of Corvallis; Jan. 9 in Corvallis. (See article, page 21.)

D. Barton DeLoach, '27; Dec. 25. (See page 21.)



Wilson H. Foote of Corvallis; Dec. 15 in Corvallis. Dr. Foote was professor emeritus of crop science and secretary-treasurer of the Agricultural Research Foundation. He began work at OSU in 1948 and retired in 1985 as associate director of the Agricultural Experiment Station and professor of crop science. He was appointed a member of the USDA Committee of Nine and in 1979 served as chairman. He was an ex-officio member of the Oregon Wheat Commission from 1952 until 1984. He was a member of the Century Club, Beaver Club and a timer for the OSU track team until the sport was discontinued.

Phyllis Heggen of Corvallis; Nov. 19 in Corvallis. She and her husband, John W. Heggen, had lived in Corvallis since 1955 and were supporters of OSU. They donated a 60-acre parcel of forested land to

OSU and also provided funds for Corvallis' riverfront fountain and other gifts to the city.

William "Bill" Hewes Quinn, '68, of Corvallis; Jan. 12 in Corvallis. Dr. Quinn earned his Ph.D. in oceanography from OSU in 1968 and upon graduation joined the oceanography staff. In 1972-73 he served as the assistant director of the U.S. National Weather Service. He retired from OSU in 1980, but continued his research as an emeritus associate professor of oceanography. He was known internationally for his pioneering work on the phenomenon known as El Nino. Memorials in his name may be made to the Oceanic and Atmospheric Sciences College at OSU.

Bernice Strawn of Phoenix, Ariz.; Nov. 21 in Phoenix. She was an OSU Extension home management specialist from 1959 until her retirement in 1971. She authored a weekly column, "Work Smarter Not Harder," that ran in many Oregon newspapers.

Send Class News to ADS
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97331

Cluster...

In the meantime, the Alumni Association is busy planning for the upcoming Golden Jubilee celebration, which honors those classes which graduated from OSU 50 years ago and more. This year's Golden Jubilee will be held June 4, 1994. About 500 people are expected to attend.

Class reunions scheduled in conjunction with Golden Jubilee this year will be held for the classes of 1929, 1934, 1939 and 1944. If you are a member of one of these classes, or associated closely with one of these classes, and would like information on the reunion activities, please call the Alumni Association at (503) 737-2351.

Couple...

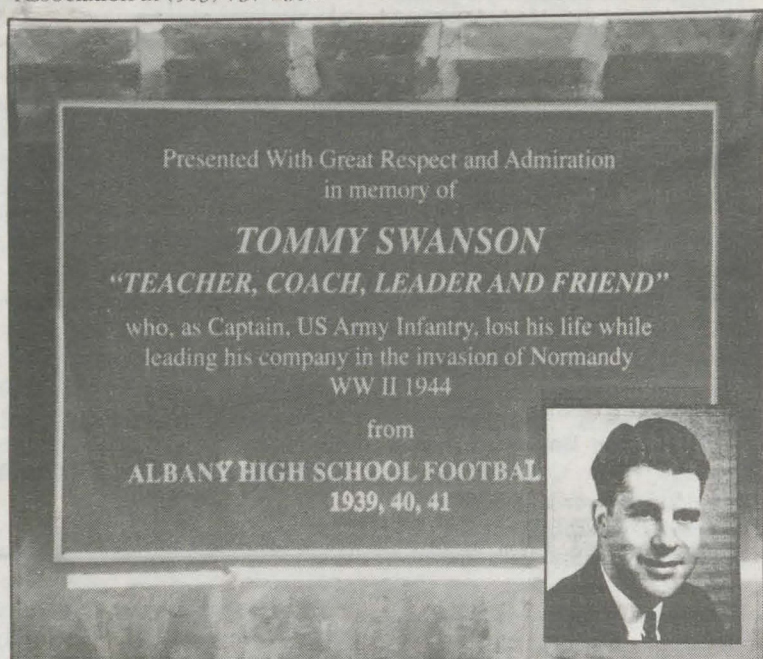
establish an endowed scholarship in Jerry's memory at OSU, to be specified for an Oregon resident majoring in science.

They then contacted the OSU Foundation, which assisted them and their attorney in drawing a will that would eventually carry out their intentions. The Foundation routinely provides such services to people contemplating planned gifts to benefit Oregon State.

Today Jennie Williams lives simply in her Medford home. She enjoys her neighbors, and especially watching the neighborhood kids grow up. She continues the interest in gemology which she and John shared during their years together. Most of all, she is an active and accomplished quilter—she started quilting at 18—whose work is widely shown and admired in Southern Oregon. She also takes pride in the fact that her niece, Susan Brantner, is continuing the family's OSU tradition. Susan is currently a doctoral candidate in the College of Forestry.

Jennie receives only a modest income from Social Security and the interest from her CD's. And while her current budget could never produce a major gift, she says she has enough to satisfy her needs. Jennie is pleased that the scholarship she and John decided to establish, by their bequest to the OSU Foundation, will keep nephew Jerry's memory alive. She also takes great satisfaction in the Jerry Raymond Alexander Scholarship, knowing that she helped enable generation after generation of students to obtain a first-rate OSU education that might have otherwise been out of their reach.

Don't forget the Stater
when you have good
news to share.



Honoring the Memory of Tommy Swanson

Family, friends, and former students and teammates of Tommy Swanson (*inset*) gathered last year in Albany, Ore., to honor a friend who died July 13, 1944, during the Battle of St. Lo in Normandy.

Swanson was a history teacher and head football coach at Albany High from 1939-41. From 1934-36, he lettered in football at Oregon State and was a member of ROTC. He received a commission as a second lieutenant in the Army Reserve and was called to active duty in 1942.

During his brief, three-year stretch as head football coach of the Albany High Bulldogs, Swanson's teams were 23-3-1, and both his coaching and teaching left a permanent mark on those who knew him, including Denny Miller, who came up with the idea of honoring the memory of a man who did so much to shape the lives of so many people.

Walking by Swanson Park one day near downtown Albany, Miller looked at the park and wondered how many people still remembered much about the man for whom the park was named so many years ago.

Then he thought it might be a good idea to put something else in the park to help people remember who Tommy Swanson really was.

Today, Swanson Park bears a new flower box, a new bench and a special plaque (*see photo above*), all dedicated to Tommy Swanson.

Those who gathered at the special ceremony included Tommy's son, John Swanson Duggan, and Swanson's widow, Louise Duggan. John was six-months old when his father died.

In 1944, while in New York waiting to be shipped to France to take part in the Normandy invasion, Swanson received a call from Dr. Clair VanNorman Langton, who was then head of the OSU physical education department.

The call was an offer for the young soldier to become the backfield coach at OSU after the war was over, a chance for Swanson to live his dream of one day coaching at his alma mater.

The beaches of Normandy ended that dream forever, but some still remember.

Distinguished Professor and OSU Benefactor D. Barton DeLoach Passes Away Dec. 25

D. Barton DeLoach, a distinguished student, faculty member, and alumnus of Oregon State University, died on Dec. 25, 1993.

Born on Sept. 14, 1904 in Heber Springs, Arkansas, DeLoach moved to Oregon and earned his B.S. in Commerce from OSU in 1927. He received his Masters and Ph.D. degrees from the University of California, Berkeley.

Returning to OSU in 1935, DeLoach became an assistant professor in business and was promoted to associate professor in 1939. In 1941 he moved from business to agricultural economics. He served as full professor from 1943 until 1949. During his years at OSU, DeLoach always maintained a comprehensive view of economics, envisioning a unified relationship among all of the economics faculty. This vision was finally realized in 1985.

Throughout his academic career, DeLoach was distinguished in eco-

nomics and agriculture. He was a member of the faculties of Oregon State University, the University of California, Los Angeles, and the University of California, Davis. DeLoach was Chief of the U.S.D.A. Marketing Economics and Costs Branch from 1954 to 1958. Beside being a Fulbright Lecturer at Kings College, University of Durham, England, he was awarded an honorary doctorate by the University of Newcastle, England in 1964.

In addition to his outstanding service as a faculty member, DeLoach was a generous benefactor of OSU. He established five funds bearing his name to recognize outstanding scholarship, to encourage the graduate faculty of economics at OSU, and to provide support for worthy students. Among the funds, the DeLoach Undergraduate Work Scholarship was a favorite of his because he and his wife had worked for professors while attending OSU.

Dr. DeLoach understood the im-

portance and satisfaction of giving during his lifetime. He was married for 59 years to Mildred Tuning DeLoach, whom he called "his wise, good, and loyal partner." It is in her memory that DeLoach established each of his funds.

He was pleased with the direction of his gifts at Oregon State University, and his contributions to the students and staff and OSU will continue in perpetuity. Emery N. Castle, professor and former chair of the University Graduate Faculty of Economics, reflected on DeLoach's commitment to and close ties with the University. "Barton DeLoach was a marvelous benefactor of Oregon State University. He was both generous and amazing in his giving...Oregon State University has lost a good friend, a generous benefactor, and a distinguished alumnus."

Former OSU Team Physician Waldo Ball Dies at Age 97

Waldo W. Ball, who served as team physician for the OSU football and basketball teams for 29 years, died in Corvallis Jan. 15, 1994.

Dr. Ball was born in Cambridge, Neb., the eldest of six boys born to William and Dorothy Harlan Ball.

At age 14, he moved to Corvallis, where his parents established Ball Studio. He attended Corvallis High and graduated in 1915.

He was a student at Oregon Agricultural College until 1917, when he entered the U.S. Navy, serving until 1919 as chief pharmacist's mate aboard the battleship U.S.S. Wyoming.

In 1923, he earned his medical degree from the University of Oregon and then interned at Multnomah County Hospital in the first class of interns to serve there.

Dr. Ball married Mabel Deremiah, a surgical nurse, in 1921 during his junior year of school.

Their first son, Philip, was born in 1922. He was killed during World War II while serving in the Air Force.

In 1923, the Balls moved to Clatskanie, where Dr. Ball started his medical practice. Two more sons, James and Whitney, were born in 1924 and 1926. Moving to Corvallis in 1936, Dr. Ball established a small hospital, known as Ball Clinic, in the upper story of the Ball Building. He practiced there for almost 30 years before moving to a new office on Filmore Avenue in 1965.

For 29 years, Dr. Ball served as team physician for OSU football and basketball teams, and both he and his wife did much traveling with the teams.

He served on the Board of Oregon Physician's service for 10 years and was president for two of those years. He also served as Southern Pacific Railroad's district physician for 25 years.

He helped form Citizen's Bank of Corvallis in 1957, was its president for eight years, and served as chairman of the board of directors.

Dr. Ball continued his busy practice until his 90th birthday. He was honored by the Oregon State Medical Society as the oldest practicing doctor in the state.

He was a member of the Benton County Medical Society; a Fellow of the American Academy of General Practice; and served 15 years as a board member for the Benton County Foundation, seven of those years as president. He was a member of the Corvallis Rotary Club, American Legion, Masons, B.S.A. Committee and the Presbyterian Church, where he served as elder.

Survivors include his sons, James W. of Hailey, Idaho, and W. Whitney Ball of Corvallis; eight grandchildren; and 12 great-grandchildren.

His wife Mabel Ball passed away in 1981.



Editor's note: When former team physician Waldo Ball passed away in January at age 96, the Stater invited Dr. Ball's youngest grandson Scott, an Oregon State graduate who is now with the Sports Information Office at Cal Berkeley, to write a brief tribute to his grandfather. Below is the piece Scott submitted, written and faxed to the Stater while he was on the road with the Berkeley baseball team at the University of Texas.

A great humanitarian, a great Oregon Stater, and most of all, a great grandfather.

That was my granddad, Dr. Waldo W. Ball, who was team physician at OSU for 29 years—1937-1966.

As his youngest grandson, I can't begin to mention all my fond memories of the time I spent with him. As a former employee of the Sports Information Office at OSU (as a student assistant and intern from 1984-89), I was especially enthralled with his association with OSU athletics.

I would take my grandfather to lunch at the Corvallis Country Club and entice him to tell me stories about when he was the team doctor. He never boasted of the "glory days," but as team physician, he had an opportunity to travel (often accompanied by my grandmother, Mabel) to two Rose Bowls (1942 and 1957), a Liberty Bowl, two NCAA Final Four basketball tournaments and several Hula Bowls. He took care of and had associations with some of the greatest names in Oregon State athletic history, from Slat Gill to Paul Valenti, from Lon Stiner to Tommy Prothro, from Ed Lewis to Mel Counts and from Don Durdan to Terry Baker.

Just before grandfather Ball passed away, my father, Whitney (OSU, Class of 1950), showed me

my grandfather's '42 Rose Bowl championship ring. But that was the type of person my grandfather was. He never flaunted his rings or awards, usually opting instead to give them to my father, his youngest son.

One of my fondest memories of my grandfather was taking him to the reunion of OSU's 1963 NCAA Final Four team. Throughout the evening, players and coaches were so glad to see him, and would mention some way in which he had helped them. Whether it was surgery he had performed, or a bit of advice he had passed along, they all had something nice to say about "Dr. Ball." As well as performing his regular duties as team physician, he was also known to freely give out physicals to players who were getting married or about to go into the service. He even gave out physicals for \$5 apiece when I played baseball for Linn-Benton Community College in '79-'80.

Even after he stopped serving as OSU's team physician, he continued his medical practice until his 90th birthday and was honored as the oldest practicing physician in the state by the Oregon State Medical Society. A few years later, he accompanied a friend of mine, Linda Howry, to a pharmacy class at OSU, some 70 years after he had first studied pharmacy at Oregon Agricultural College.

I am now an assistant media relations director at Cal Berkeley and as I travel and deal with coaches and athletes on a daily basis, I hope I can follow my grandfather's example and lend the kind of support he did to an athletic department. That kind of support that comes from caring about other peoples' well-being.

Scott Ball '87

General Richard A. Miller

When **Major General Richard A. Miller**, '48, died Jan. 12 from complications following aortic aneurysm surgery, it ended a remarkable dual career of service. The long-time Oregon educator served as the adjutant general for the Oregon National Guard for 14 years.

The Albany student started at Oregon State in 1941 with a real interest in playing football for coach Lon Stiner. Within two years, his education was interrupted by World War II. Miller entered the U.S. Army and began a career that would take him from the rank of private to that of a two star general in the Oregon National Guard. He served in the 163rd Regiment of the 41st Infantry Division. He earned his commission in Australia and participated in retaking the Philippines in 1944. For his courage and distinction, Miller was awarded the Distinguished Service Medal, the Legion Ornament with Oak Leaf Cluster, and the Bronze Star.

He returned to Oregon State in 1946 to complete his education and football career. Upon graduation in 1948, Miller assisted in coaching football at Grants Pass. He later coached at St. Helens, Hillsboro and finally at David Douglas in 1954 when the school first opened. He served as principal from 1966 to 1973. Besides football, he coached track and basketball, was a counselor and an athletic director.

His dual military and educational careers ran parallel for 25 years until 1973, when he was appointed to head his second career field as adjutant general of the Oregon National Guard by Governor Tom McCall. Miller served through the administrations of Gov. Bob Straub and Vic Atiyeh until his retirement on Feb. 1, 1987.

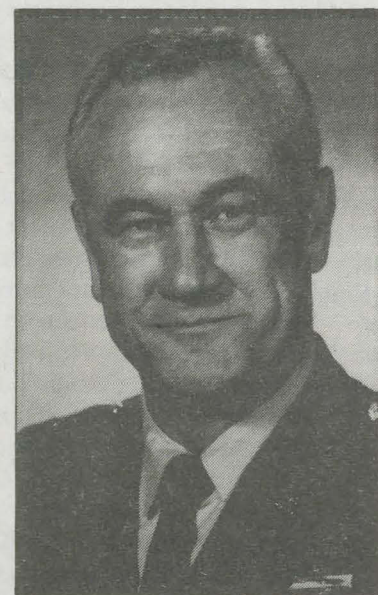
Miller worked on minority issues with the Urban League and lately had become the chairman of the Board for the Blind in Portland.

His loyalty for Oregon State never wavered. He served on the Beaver Club board for six years and was Varsity O alumni President for four years 89-92. He was a member of the Phi Delta Theta fraternity and was presented their Man of the Year Award in 1992.

He was honored with an impressive, full-military funeral. Pallbearers included nine U.S. Army generals, U.S. Senator and former governor Mark Hatfield and former governors Bob Straub and Vic Atiyeh.

He was eulogized by a military colleague as "a rare combination of professional soldier, football coach, tough manager and at the same time an incredibly compassionate man of social involvement."

He is survived by his wife, Marjorie; his son, David A. of Portland; daughters, Anne Miller Rowell of Portland and Cathy Miller Hosmer of Salem; brother, Dennis A. Miller of Albany; and his stepmother, Stella Miller of Corvallis.



Miller



Memorial Flagpole Dedicated to Andrew R. Bergeron '92

When **Andrew Raymond Bergeron '92** passed away April 8, 1993, family, friends and all who were privileged to cross his path, knew that a fine young man had been lost. Just months after graduating from OSU with a bachelor of science degree in business administration and beginning work at U.S. Bancorp Mortgage Co. in Seattle, Andy was diagnosed with leukemia. A bone marrow transplant from his brother Bill, as well as therapy, wasn't enough, but Andy gave every ounce of himself in battling leukemia and remained in great spirits during its duration. In fact, Andy spent the weekend prior to his death with friends and classmates at a barbecue put together by his Sigma Phi Epsilon brothers. As always, "Berg" displayed his big smile and never-ending enthusiasm.

Following his death, a memorial was made in memory of Andy at the Sun River Nature Center, where the young outdoorsman enjoyed spending time while he was visiting home. As time passed, it was decided by family members that the Nature Center was in need of a flagpole. And so Robert and Tonya (parents), and brothers Bill and Joe thought it would be wonderful if they would be able to display an American flag or an Oregon State flag on special days in memory of Andy. Bill, a junior at OSU, approached Russell Dix, associate registrar, regarding the possibility of finding an OSU flag for the new memorial. During his student days, Andy had worked for Dix as a registration advisor and the OSU administrator was only too happy to help. Dix mentioned that OSU had just purchased a new flag and thought the University could provide the previously flown flag to the Bergeron family. OSU gladly passed along the flag pictured above in memory of a very worthy Beaver.

The OSU flag is now flown at the Sun River Nature Center on special days—Andy's birthday, holidays, and, of course, the day of the "Civil War" football game. Andy wouldn't have wanted it any other way, a tribute to a young man who displayed his "Beaver pride" so often during his days at OSU.

Pictured above, raising the OSU flag in memory of Andy, are Andy's younger brothers Bill (left), a junior at OSU, and Joe, a high school senior.

The April Oregon Stater will be mailed approximately April 25. Don't forget to send us your good news to share with alumni and friends

Experts Impressed with New OSU Football Recruits

Story by Chuck Boice

Some experts are calling it one of the best collections of football recruits in Oregon State history.

There's an obvious problem with such a statement. A recruiting class can't be judged with any clear degree of accuracy until four or five years of game action have gone by.

But it can be said that the results of the recruiting staff have them smiling and are most encouraging for Beaver followers. And it's exciting to hear the national "analysts" heap praises on the group of 22 talented young men who signed early this month with the Beavers.

"This is the best year we've had since I've been here," Pettibone said of his fourth class. "It's best both in the kind of talent we were able to recruit and in the competition we were able to go up against."

The coach explained that each year the staff has raised its recruiting sights, going for better and better athletes, the type sought and usually grabbed up by the high-rated powers. In a number of cases this year, OSU coaches went directly against the Nebraskas, Oklahomas and Michigans, as well as the Pac-10 leaders.

The spotlight, of course, quickly falls on Parade All-America quarterback Tim Alexander, 6-2 and 178, from Sarasota, Fla. The Sporting News named him one of the five best prep athletes in the country.

Alexander had more than 50 scholarship offers, including appeals from the football powerhouses in his own state. But he wanted to play option football as he had done with such brilliance at Riverview High of Sarasota.

In his three-year prep career, he rushed for over 3,000 yards and threw for another 1,800. He liked what he

saw of OSU and selected the Beavers after visits to Nebraska and Oklahoma.

It should be added, however, that as of this writing, he had not passed his SAT tests for admission to a Division I university next fall. The coaches are confident, however. He was very close on the first try and has two more opportunities. Also, his high school record is very good.

The Beavers signed another prep All-American, Brett Hopkins, the 6-4, 210-pound punter from Bend High School. As a senior, he averaged 44.1 yards per punt and had a long boot of 64 yards. He also is rated a very accurate place kicker. This is an area of high priority for the Beavers, what with the graduation of four-year punting ace Tim Kollas.

Two other Oregonians signed. Halfback Derrick Brame, 5-11, 190, had a sensational senior year at Franklin High, Portland, gaining 1,297 yards for an average of 9.4 yards per carry and scoring 16 touchdowns. Larry Rameriz, 6-6, 265-pound versatile athlete from Vale High School's 2A state champions, wants to concentrate on defense at OSU, and coaches predict he will have that opportunity. He even played some quarterback at Vale, completing 40 of 78 passes for 744 yards and 11 touchdowns. Also, he's the basketball center. An excellent student, this is a signee with considerable potential.

It was not a big year for Division I prospects in the state. U of O, also three and five, will go out of state for a total of 11. Immediately after wrapping up this letter-of-intent period, Beaver coaches began work on next year and what they expect to be a strong year among the state's high school seniors.

The Beavers signed only one junior college player and he is expected to contribute early as an outside line-

backer, where help is needed. Robert Gilmore, 6-3, 235, signed with the Beavers out of high school in Lynwood, Calif., two years ago, but didn't qualify for admission. He enrolled at Long Beach City College and earned honors as one of the top junior college players in the country. While free to sign anywhere, he hadn't given up on Oregon State and Oregon State hadn't given up on him.

The largest group to check in next August will be seven Californians. Next, and no surprise for those following the very successful Pettibone program, it's Texas with five. Arizona added three, Hawaii two and Florida and Nevada one each.

Other 1994 OSU football signees and hometowns:

Offensive linemen— Mike Barger, 6-5, 290, Friendswood, Texas; Larry Swisher, (tight end), 6-6, 230, Peoria, Ariz.; Sean Williams, (wide receiver), 6-0, 180, Compton, Calif.

Quarterback— Wilson Batiste, 6-0, 180, Houston, Texas.

Halfbacks— Robert Howard, 6-0, 190, Las Vegas, Nev.; DeShaun Williams, 5-11, 185, Union City, Calif.

Defensive linemen— Brian Rogers, 6-2, 250, Sugarland, Texas; Toalei Talataina, 6-3, 240, Kabuku, Hawaii.

Linebackers— Bryan Jones, 6-4, 180, Arroyo Grande, Calif.; Tyrone Knox, 6-4, 205, Honolulu, Hawaii; Joseph O'Reilly, 6-2, 210, Hemet, Calif.; Kelron Sykes, 6-4, 230, Lynwood, Calif.

Defensive backs— Dana Davis, 6-3, 190, Tucson, Ariz.; Armon Hatcher, 6-10, 180, Diamond Bar, Calif.; Andrae Holland, 5-10, 165, Peoria, Ariz.; Byron Lane, 5-10, 180, Dallas, Texas; Mario Lewis, 5-11, 175, Houston, Texas.

Men's Basketball

OSU Wins 2-3 from Ducks in Otherwise Dismal Season

It developed into one of the most exciting, tense men's basketball struggles between the two longtime rivals. The final: Beavers 101, Ducks 91 at Gill Coliseum in double-overtime.

It reached the highest point total in the series history and only the third double-overtime, the first since 1954. There were many great plays and the spirit and effort were worthy of an OSU-UO men's basketball battle of any year. The crowd of 7,601, the smallest Civil War turnout in Corvallis since 1968, and a regional TV audience went through an emotional wringer. "It was like a roller coaster ride that was going up and down," Beaver coach Jimmy Anderson said afterward.

The Beavers, who had a shaky 37-34 lead at intermission, impressively built the margin to 15 at 57-42 behind brilliant play by junior forward Brent Berry. With 11 minutes to play, everything appeared under control. But the Ducks, with help from Beaver miscues, went on a 29-10 run over the next nine minutes. With but 5.4 seconds to play, the UO lead stood at 74-71 after, fortunately for the home team, the visitors converted on only one of two free throws.

Enter the hero for the Beavers. Little 5-9 Jelani Boline, the freshman guard from Chicago, raced up the floor on a driving dribble. This 18-year-old had hit only one three-pointer in 12 tries this year. Nevermind. It swished perfectly and the scoreboard read 74-74 with four-tenths of a second remaining in regulation. Overtime.

In the last half-minute of the first overtime, the Beavers had the ball and a chance to win the game. But, of all people, hero Boline threw the ball into the seats with 18 seconds remaining. That gave the ball to Oregon's Orlando Williams, who had been sensational in the Duck rally with four of his five three-pointers. Inexplicably, in the overtime bedlam, he twice walked with the ball and OSU's last shot fell short. Second overtime.

By this time, the makeshift lineups on the floor had fans double-checking their programs. Coach Anderson had a lineup of which none had played for the Beavers a year ago. It included redshirt freshman center Jerohn Brown, freshman guards Boline and David Drakeford, 6-5 senior walkon Tony Rocklin and 6-1 junior college transfer Stephane Brown. The Beavers took the lead and the Ducks fouled in an effort to claw back into it, but the Beavers, only 17-for-32 from the line up to this point, pulled themselves together and dropped in 14 of their last 16 free throws.

The young Beavers had it at the end and learned something of the intensity of Civil War basketball. Drakeford, the freshman guard, led team scoring with 22 points, transfer Stephane Brown had 18 and Boline a career-high 10, including the big one.

It was a magnificent win for the battered Beavers. Oregon won at Mac Court and the Beavers at the Far West Classic. UO hasn't swept the Pac-10 games since 1976 and is 1-15 at Gill since 1977-78. It stopped a three-game home losing streak for the Beavers, the longest since '86. It was game No. 299 in the long series, led by OSU 174-125.

The teams finished the game with identical records, 6-13 overall and 2-8 in the Pac-10.

Earlier Beaver games: USC 82, OSU 76; UCLA 104, OSU 71; Oregon 74, OSU 64; WSU 81, OSU 66; Arizona State 88, OSU 82; Arizona 100, OSU 56; California 67, OSU 61; Stanford 71, OSU 67; WSU 101, OSU 64.

OSU Gymnastics "Right on Target"

Once again, the Oregon State gymnastics team is among the best in the nation. Currently ranked sixth nationally, the Beavers are off to another banner season, averaging a score of over 190.0 after four meets.

Their season average may be a notch lower than a year before, but so is every other team's in the country. The judging for NCAA gymnastics is much stricter this season due to a change in routine values and overall judging critiques.

The Beavers entered the season as the 5th-ranked team in the nation and are expected to make a repeat appearance at the NCAA Championships, come April.

"We're pretty much where we expected to be at this point in the season," commented Jim Turpin, OSU head coach. "I would say ranking us among the top six or so teams in the country is realistic. We're capable of scoring 194.00 or 195.00."

OSU gymnastics fans expected no less than another successful season, as the Beavers returned four All-Americans in 1994, including four-time winners Traci Crover and Chari Knight. In addition to Crover and Knight, senior Michelle Sandoz and junior Marilyn Anderson were All-Americans on balance beam in '93.

"We knew we had a solid core of veterans in the line-up," added Turpin. "The big surprise has been how well the freshmen have done. They have the poise of veterans."

Indeed, OSU's newcomers have

performed as veterans. Amanda Turko, Anne Marie Vassallo, Randi Miller and Sarah Ferrari have all worked their way into the starting line-ups. Turko, from Elk Grove, Calif., has made the starting line-up on vault, bars and floor in all but one meet. In her last effort, versus Cal State Fullerton, she placed third on vault, fourth on bars and sixth on floor. She did a noncounting exhibition routine on beam that would have won her all-around honors, had it counted.

Vassallo, a native of Willingboro, N.J., is a regular on vault and beam. She took first place on vault in her last meet, versus Fullerton with a score of 9.775.

Another freshman, Randi Miller, from nearby Vancouver, Wash., is a regular on beam and floor exercise. She posted high scores of 9.65 on beam and 9.75 on floor.

Sarah Ferrari, a walk-on from Paradise, Calif., worked her way into the starting floor line-up after just two meets. She tied for second with a 9.70 at the Fullerton meet, Feb. 4.

The success of the newcomers has been particularly important because of injury problems with the veterans. Knight, OSU's top all-arounder, has yet to compete on all four events this season. She and teammate Heather Bennett are both coming off knee surgery last spring. Crover, a solid performer on bars, beam and floor, has been hampered with a shoulder injury the last couple of meets.

"Chari and Heather have been

everything we hoped for at this point," said Turpin. "They had major surgery less than a year ago and we couldn't ask for a better return from both of them."

Knee surgery hasn't seemed to slow Knight's or Bennett's performances down, thus far. Knight has already posted two 10.0s on uneven bars, and a season high of 9.87 on balance beam. She competed on floor just one meet and has yet to vault.

Bennett has competed on bars and beam, with season highs of 9.775 and 9.725, respectively. In her last meet, she placed third on both events.

"We're very fortunate this year because the team has depth," added Turpin. "With the injury problems we've had, we've been able to put people in that can get the job done."



Michelle Sandoz

OSU Sports Information



Beaver Update

with Chuck Boice

Mark down the dates: March 17-19. The site is Chapel Hill, North Carolina. No, it isn't UNC Tar Heel basketball. It's the NCAA Wrestling Championships—and the Beavers will be there.

Second-year Beaver coach Joe Wells has the team pointing for it while taking care of business along the way against some of the top talent in the country.

When sophomore Beaver wrestlers Les Gutches, a 177-pounder from Central Point and South Medford High, and Chad Renner, 167 from Bismark, N.D., both ranked No. 1 in the Coaches/Amateur Wrestling News for the last week in January, it was the first time for an OSU double honor in more than two decades. In 1973, Jim Crumley and Greg Strobel went into the NCAA championships top-ranked at 177 and 190, respectively.

The rankings also took note of three other current Beaver matmen. Dave Nieradka, 126, junior from Tigard, and Babak Mohammadi, 134, junior from North Salem High, ranked seventh in their weight divisions. Senior Dan Alar, a Bow, Wash., 158-pounder, has the No. 8 spot.

The Beavers as a team rated No. 7 in the country. Earlier in the year, they were as high as No. 2. That was before injuries sidelined four starters and the competition included the very best.

Coach Wells has the Beaver wrestlers linked with the nation's elite in the sport and he believes the way to improve, to climb higher, is not to dodge these teams, but meet them head-to-head.

"We have to meet the very best people we can to know what we can do," he said.

Such an approach, of course, can tarnish an individual's win-loss record

from time-to-time. But where rankings really count, after the Pac-10 Championships and the NCAAs, it can be a great help.

"By the end of our regular season," Wells explained, "most of our wrestlers will have wrestled the very best or will have seen them wrestle. There will be no surprises in the Nationals."

Like most coaches, Wells emphasizes it is the rankings at the end of the season that really count, after the Nationals. But he's urging steady improvement along the way. "The biggest factor is to test yourself each week in terms of techniques and conditioning."

He's proud of OSU's impressive mid-season standing, however. "We're thought of as a top-level program in the country, a potential contender (at the Nationals). Several of our men are individually ranked as contenders."

Wells had to work around key injuries in the early going.

Babak Mohammadi, from Iran by way of North Salem High and already a two-time All-American, missed five weeks with an injured knee to upset the picture at 134. Brian Nissen, senior from Redmond at 118, missed more than three weeks due to an injured ankle and illness. Dan Alar, 158, senior from Bow, Wash., missed a month with knee and shoulder problems as did Monte Trusy, 142, Bismark, N.D., with a bad knee.

Aside from those mentioned above, Wells' usual starting lineup includes Dave Nieradka, 126 junior from Tigard; Ryan Kringle, 150 sophomore from Bismark N.D., and 6-foot-3, 270-pound heavyweight Reynold Gardner, a junior and junior college transfer from Ricks JC in Colorado.

Gardner, related by marriage to Dave Orndorff, former Beaver football player and All-American heavyweight wrestler, won the national junior college championship last year. Through January, he had a 22-7 record with five pins.

One will notice that the state of Oregon is well-represented in the lineup. There are more than a dozen

additional Oregonians on the roster. Wells has been very pleased with the state outlook.

"The best kids in the state of Oregon are as good as any. Now, there aren't as many because of the population, but the best here can compete with the best anywhere. They have excellent high school coaching here."

The Beavers rolled through the first half of the season with a 9-0 dual meet record and second place finish at the Las Vegas Invitational. The prestigious Vegas event featured 38 teams, including seven of the top ten. The Beavers finished behind only No. 1-ranked Oklahoma State and ahead of defending national champion Iowa.

Despite the absence of four injured starters, the Beavers defeated Oregon at Gill Coliseum 23-15. In competition with top teams, OSU lost to Penn State 20-16 and Iowa State 18-16 at the National Team Duals in Lincoln, Neb. At Stillwater, they absorbed a 25-11 loss at the hands of Oklahoma State.

Meanwhile, Gutches took firmer grip on his hold as the country's top 177-pounder by responding at the National Wrestling All-Star Classic with a thumping of No. 2 Dean Morrison of West Virginia, 12-3. He had defeated Morrison earlier at Las Vegas 8-5.

The Beavers will be favored to win the Pac-10 at San Luis Obispo, Feb. 26-27. They won the title two years ago and finished second to Arizona State last year. OSU, ranked No. 5 at the time, traveled to Tempe early in the season for a 22-14 win over the No. 6 Sun Devils as Renner upset No. 1-ranked Markus Mollica 6-5 and Gutches dominated No. 3 Pat Lynch 10-4.

Wells, as a collegian, competed for perennial wrestling power Iowa and stayed on with the Hawkeyes as an assistant for four years. He then was an assistant at Michigan, another topflight program, for 13 years. He also coached a number of World Teams for the U.S. and served as an assistant with the American Olympic team in 1988 at Seoul.

He said his respect for Oregon State

and wrestling go far back. His coaches were friends of OSU's Dale Thomas and held him in high regard.

"And there were those champions," he added. "Larry Bielenberg, Greg Strobel, Jess Lewis, a super heavy-weight. Dale had some great teams."

Speaking of Dale Thomas, OSU wrestling coach of 34 years who retired in 1990, it should be reported that he's feeling very good and looks ahead to a 71st birthday.

That may look to be a routine report. Actually, it's amazing, something of a miracle.

Six months ago, Thomas was suffering from sclerosing choangitis, a serious ailment, failing fast and given only a couple of months to live. His one, small hope appeared to be a liver transplant. But no donor could be located.

His digestive system was not working and he was down to 175 from a robust 200. His color was a strong yellow. With his usual frankness, Thomas said his situation was "same as dead." He put his beloved ranch up for sale, the sight of so many summer wrestling camps.

Then he began taking a medication called *Actigall* three times a day. Then his energy and enthusiasm returned. He's now up to his normal 200 pounds. He's no longer on the list for a liver transplant. He's working to help the Beaver Club raise money, something he has done since retirement.

His immediate plans? He will celebrate that 71st birthday late in the month at the Pac-10 championships at San Luis Obispo. A couple of weeks later, he'll be at the NCAAs in Chapel Hill, rooting for the Beavers and seeing long time friends.

Oh yes. A little later, he will head overseas for a three-week stay in New Zealand where he started one of his famous international wrestling programs 21 years ago.

Quite a schedule for one who thought they'd be carrying him off the mat last summer.

"Excitement" Surrounds OSU Women's Basketball Program

There's the most excitement in many years surrounding OSU women's basketball. Yet, many continue to say, "wait until next year."

It all makes sense. The Beavers finished the first half of the Pac-10 race with a 4-5 conference record and 12-6 overall. That included several very memorable wins.

At the same time, they played most of the way with a starting lineup of four sophomores and a freshman with only one senior on the squad. Two topflight young prospects have been signed to enroll in the fall. The Beavers should be even more competitive next year.

Two big games illustrate the excitement:

Early in the conference season, Oregon came to town. Coach Aki Hill, in her 16th year with OSU, had declared it the Civil W.A.R. game...as in "Whip Attendance Record."

Going into the season, the record stood at 2,580 for the Stanford game in 1991. This year's Pac-10 opener against nationally-ranked USC attracted a crowd of 3,019.

Against the strong team from UO, the young Beavers achieved their goal with a record and fired-up crowd of 3,524, and added a resounding 86-68 Beaver victory. Sophomore Tanja Kostic, the 6-2 all-conference forward from Croatia, led the way with 24 points and 10 rebounds.

It was a close game most of the way. The Beavers, who had experienced trouble holding second-half

leads, were on top 39-32 at the break and only 50-46 with 13:27 to play. Six minutes later, it was 70-49 and the foot-stomping, yelling crowd did its part.

Pressure by sophomore guards, Anjaneete Dionne, 5-8 from nearby Brownsville, and Bozana Vidic, 5-9 from Rijeka, Croatia, by way of So. Plains College in Texas, became a key factor, helping force 27 Duck turnovers.

The Beavers other forward from Sweden, 5-11 Anette Mollerstrom, added 14 points. Freshman center Kristina Lelas, 6-5 from Croatia, and Dionne had 12 each, as did key reserve Allegra Green, 6-3, from Portland's Benson High. Vidic scored only six points but contributed strongly with 12 assists.

Two weeks later, Arizona came to Gill. Earlier in the week, the Beavers had beaten Arizona State, 78-71, coming from behind in the final three minutes. Kostic led with 28 points and 17 rebounds. But the Sun Devils had been winless in the league while Arizona was first division with a veteran, athletic team.

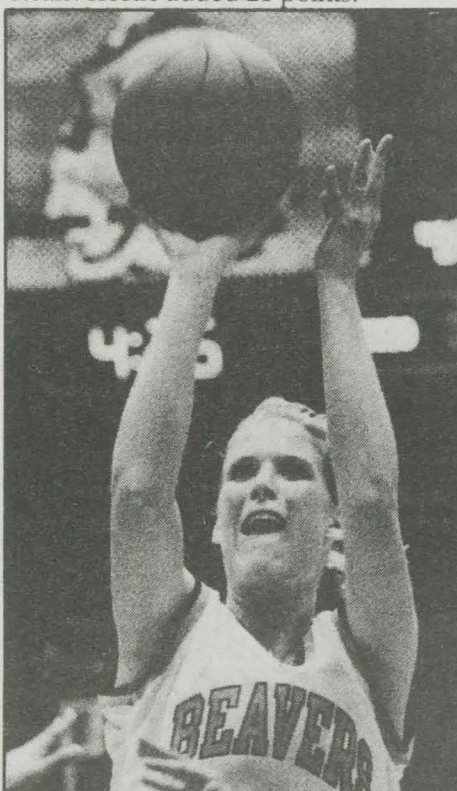
The Beavers again came from behind to win, this time 90-84 in overtime in what fans rated one of the greatest comebacks Gill has seen.

A hook shot by Lelas brought OSU to within two at 76-74 in regulation, but only 21 seconds remained, and Arizona had the ball. Kostic and "Boky," as Vidic is called, pressured UA guard in backcourt. Suddenly, Vidic had a steal, but she was on one

knee and couldn't move without inviting a travel call.

In what is now known around Gill Coliseum as "the play," from that position and with the Arizona guard towering over her, she flipped the ball behind her back in a perfect pass to Kostic for a layup to send the game into overtime.

Coaches wanted Boky to shoot more in this game. She did and put together a remarkable performance...a career-high 27 points, 13 assists and six steals. Kostic added 21 points.



Forward Anette Mollerstrom

The two recruits for next season are guards. Lisa Macy, a 5-8 senior at McMinnville High School was an all-state selection and Metro League Player of the Year. Malquida James is a 5-4 sophomore at Mitchell College in New London, Conn., and a preseason junior college All-American.

The Beavers hope to work their way up into the Pac-10 first division in the second half. But for this group there is next year and the year after that...and probably more record crowds.

Sports Briefs

Chad Paulson, a four-year standout halfback for coach Jerry Pettibone, was named to the first-team GTE Academic All-America Team. He is a political science major with a 3.23 cumulative grade point average.

OSU soccer player **Jenna Leavitt** has been named to the Pac-10 first team All-Academic soccer team. She is a 3.55 student in biology.

OSU's **women's swimming team** is back on track this year with a 6-7 record under fifth-year coach Julie Saunders. Two years ago the team had an 0-11 record. Junior **Amy van Loben** is having an outstanding season and remained undefeated in the 50 and 100-yard freestyle races through 13 meets. She has a good chance to qualify for the NCAA Championships.

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If you would like to open your very own 1994 Beaver with the rest of us next October, just return this form with a check or money order made payable to Beaver Yearbook for \$25. That price includes shipment of the book anywhere in the United States. If you are ordering internationally, the price is \$29. Deadline to order your book is June 1.

The Beaver is still a great tradition at OSU, while most college yearbooks in the United States have died. The 1993 Beaver was recently awarded an All-American rating by the Associated Collegiate Press for Design, Photography, Layout, Writing, and Coverage.

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